

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011022\
 Data File : VD071664.D
 Acq On : 10 Jan 2022 18:23
 Operator : VA/SY
 Sample : VD0110SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0110SBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/12/2022
 Supervised By : Mahesh Dadoda 01/12/2022

Quant Time: Jan 11 04:10:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D010722S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 07 15:39:14 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.979	168	269758	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	471266	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	450147	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	213896	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	191490	55.168	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 110.340%			
35) Dibromofluoromethane	7.914	113	163429	52.474	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 104.940%			
50) Toluene-d8	10.338	98	645817	55.394	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 110.780%			
62) 4-Bromofluorobenzene	12.626	95	212036	51.613	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 103.220%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	44598	21.505	ug/l	96
3) Chloromethane	2.215	50	60701	22.066	ug/l	97
4) Vinyl Chloride	2.356	62	67956	20.261	ug/l	97
5) Bromomethane	2.768	94	53047	23.304	ug/l	87
6) Chloroethane	2.926	64	50394	21.084	ug/l	99
7) Trichlorofluoromethane	3.279	101	93705	19.708	ug/l	91
8) Diethyl Ether	3.715	74	26457	21.157	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.109	101	59016	21.236	ug/l	100
10) Methyl Iodide	4.309	142	43924	16.531	ug/l	98
11) Tert butyl alcohol	5.203	59	28984	121.831	ug/l #	75
12) 1,1-Dichloroethene	4.073	96	49083	20.353	ug/l	88
13) Acrolein	3.926	56	28282	83.481	ug/l	96
14) Allyl chloride	4.720	41	97082	20.302	ug/l	98
15) Acrylonitrile	5.420	53	72656	109.940	ug/l	97
16) Acetone	4.162	43	74802	93.342	ug/l	99
17) Carbon Disulfide	4.415	76	121151	20.299	ug/l	99
18) Methyl Acetate	4.720	43	54622	23.512	ug/l	98
19) Methyl tert-butyl Ether	5.479	73	129985	20.419	ug/l	99
20) Methylene Chloride	4.973	84	70324	22.277	ug/l	94
21) trans-1,2-Dichloroethene	5.479	96	58213	21.138	ug/l	89
22) Diisopropyl ether	6.367	45	214788	20.860	ug/l	97
23) Vinyl Acetate	6.309	43	494953	103.006	ug/l	98
24) 1,1-Dichloroethane	6.273	63	124864	21.245	ug/l	97
25) 2-Butanone	7.209	43	98202	103.717	ug/l	98
26) 2,2-Dichloropropane	7.214	77	99267	20.114	ug/l	99
27) cis-1,2-Dichloroethene	7.214	96	68442	21.056	ug/l	100
28) Bromochloromethane	7.550	49	59266	20.700	ug/l	100
29) Tetrahydrofuran	7.561	42	58259	106.959	ug/l	99
30) Chloroform	7.708	83	129100	21.481	ug/l	91
31) Cyclohexane	7.991	56	99574	20.912	ug/l #	97
32) 1,1,1-Trichloroethane	7.908	97	109878	20.743	ug/l	99
36) 1,1-Dichloropropene	8.114	75	89707	20.192	ug/l	100
37) Ethyl Acetate	7.291	43	42750	20.733	ug/l	98
38) Carbon Tetrachloride	8.091	117	91327	20.299	ug/l	97
39) Methylcyclohexane	9.355	83	93809	19.549	ug/l	98
40) Benzene	8.350	78	252054	20.591	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	22124m	18.140	ug/l	
42) 1,2-Dichloroethane	8.426	62	84610	20.420	ug/l	98
43) Isopropyl Acetate	8.450	43	85279	21.971	ug/l	99
44) Trichloroethene	9.114	130	63824	20.261	ug/l	97
45) 1,2-Dichloropropane	9.385	63	69324	20.950	ug/l	94
46) Dibromomethane	9.473	93	36734	21.689	ug/l	97
47) Bromodichloromethane	9.655	83	97957	21.066	ug/l	98
48) Methyl methacrylate	9.450	41	37469	19.103	ug/l	95
49) 1,4-Dioxane	9.461	88	6733	396.518	ug/l	99
51) 4-Methyl-2-Pentanone	10.226	43	214487	104.617	ug/l	100
52) Toluene	10.402	92	164737	21.380	ug/l	100
53) t-1,3-Dichloropropene	10.614	75	85291	20.909	ug/l	94
54) cis-1,3-Dichloropropene	10.085	75	101196	21.040	ug/l	97
55) 1,1,2-Trichloroethane	10.797	97	47760	21.510	ug/l	99
56) Ethyl methacrylate	10.655	69	58877	21.633	ug/l	96
57) 1,3-Dichloropropane	10.944	76	88643	21.604	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.938	63	156631	104.251	ug/l	99
59) 2-Hexanone	10.979	43	149389	104.325	ug/l	98
60) Dibromochloromethane	11.138	129	60265	21.324	ug/l	100
61) 1,2-Dibromoethane	11.238	107	45484	21.411	ug/l	95
64) Tetrachloroethene	10.873	164	54939	20.777	ug/l	94
65) Chlorobenzene	11.667	112	171183	19.873	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.738	131	63736	19.514	ug/l	97
67) Ethyl Benzene	11.738	91	313327	19.813	ug/l	98
68) m/p-Xylenes	11.849	106	234311	39.838	ug/l	100
69) o-Xylene	12.173	106	108785	19.541	ug/l	99
70) Styrene	12.191	104	187131	19.611	ug/l	97
71) Bromoform	12.355	173	33819	21.205	ug/l #	98
73) Isopropylbenzene	12.473	105	296883	19.314	ug/l	98
74) N-amyl acetate	12.279	43	77803	20.634	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.720	83	57312	21.041	ug/l	98
76) 1,2,3-Trichloropropane	12.773	75	38495m	18.625	ug/l	
77) Bromobenzene	12.749	156	67820	20.426	ug/l	98
78) n-propylbenzene	12.814	91	381981	19.759	ug/l	100
79) 2-Chlorotoluene	12.896	91	221451	20.325	ug/l	98
80) 1,3,5-Trimethylbenzene	12.949	105	255285	19.877	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.520	75	14180	19.127	ug/l	94
82) 4-Chlorotoluene	12.996	91	225613	19.959	ug/l	99
83) tert-Butylbenzene	13.214	119	215710	19.656	ug/l	99
84) 1,2,4-Trimethylbenzene	13.261	105	252247	19.861	ug/l	99
85) sec-Butylbenzene	13.391	105	333960	19.868	ug/l	99
86) p-Isopropyltoluene	13.508	119	273095	19.789	ug/l	99
87) 1,3-Dichlorobenzene	13.508	146	139361	20.338	ug/l	98
88) 1,4-Dichlorobenzene	13.585	146	136233	19.488	ug/l	98
89) n-Butylbenzene	13.832	91	265174	19.187	ug/l	99
90) Hexachloroethane	14.096	117	54818	20.077	ug/l	99
91) 1,2-Dichlorobenzene	13.879	146	121724	20.728	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.490	75	9261	21.154	ug/l	95
93) 1,2,4-Trichlorobenzene	15.149	180	68617	20.275	ug/l	99
94) Hexachlorobutadiene	15.249	225	38618	19.464	ug/l	99
95) Naphthalene	15.385	128	118783	19.823	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	56772	19.686	ug/l	99

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ClientSampleId :
VD0110SBSD01

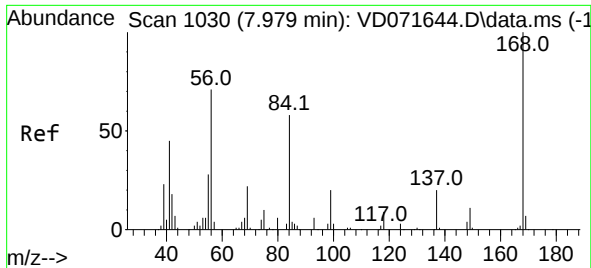
Manual Integrations
APPROVED

Reviewed By :John Carlone 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D010722S.M
Quant Title : SW846 8260
QLast Update : Fri Jan 07 15:39:14 2022
Response via : Initial Calibration

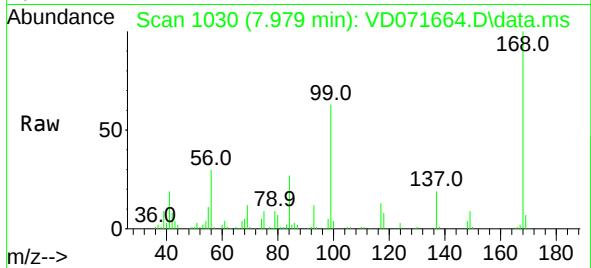
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD071664.D
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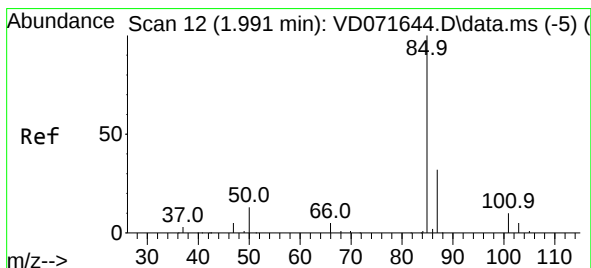
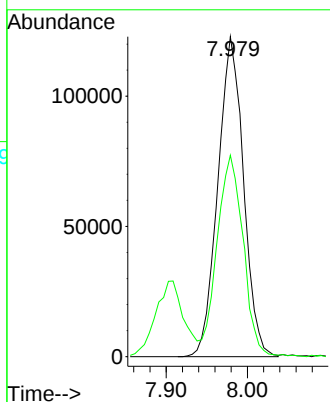
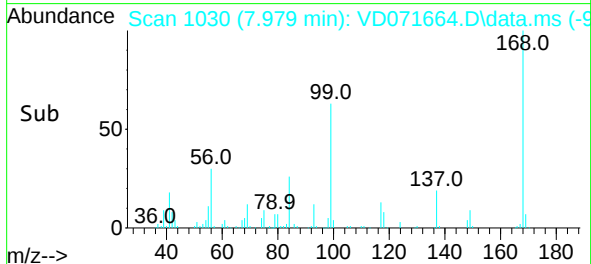
Instrument :
MSVOA_D
ClientSampleId :
VD0110SBSD01



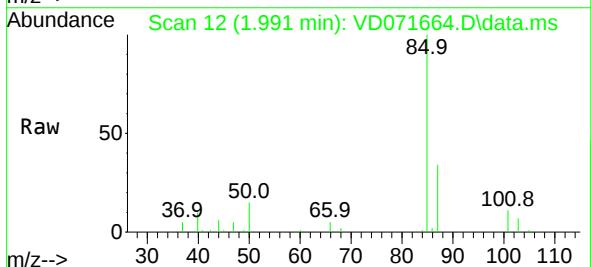
Tgt Ion:168 Resp: 269758
Ion Ratio Lower Upper
168 100
99 62.5 51.8 77.6

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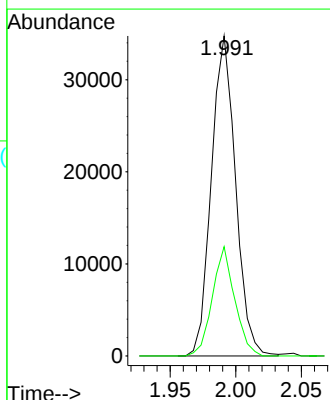
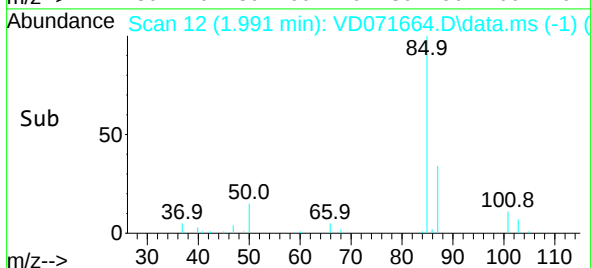
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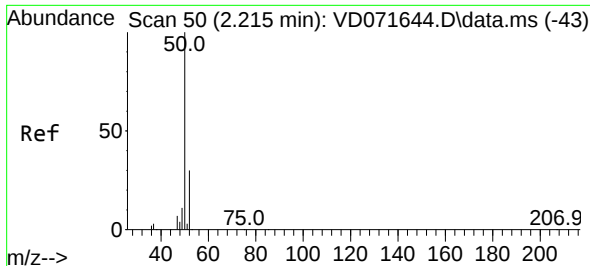


#2
Dichlorodifluoromethane
Concen: 21.505 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD071664.D
Acq: 10 Jan 2022 18:23



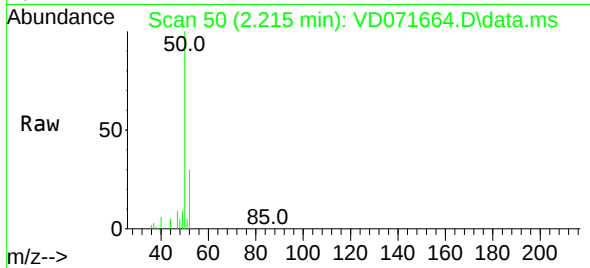
Tgt Ion: 85 Resp: 44598
Ion Ratio Lower Upper
85 100
87 34.1 15.9 47.6





#3
Chloromethane
Concen: 22.066 ug/l
RT: 2.215 min Scan# 50
Delta R.T. 0.001 min
Lab File: VD071664.D
Acq: 10 Jan 2022 18:23

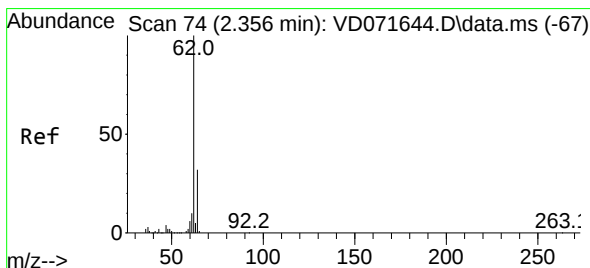
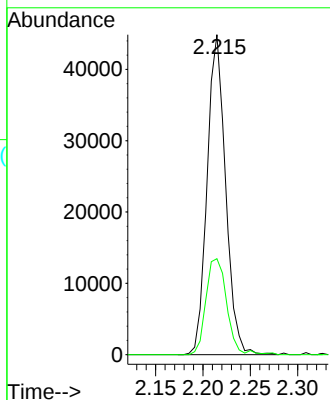
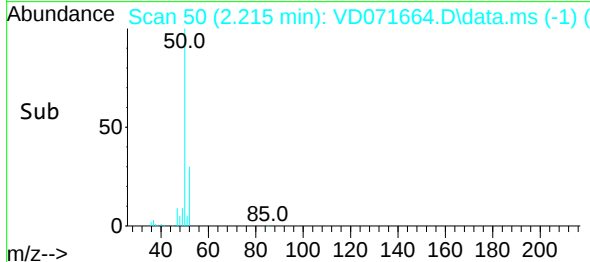
Instrument :
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ClientSampleId :
VD0110SBSD01



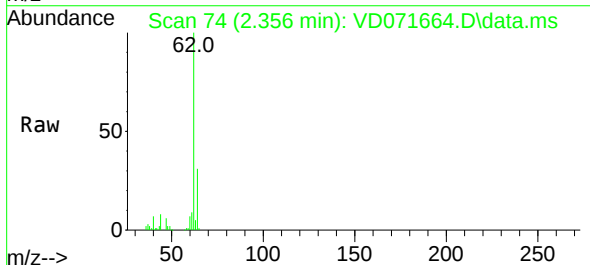
Tgt Ion: 50 Resp: 6070
Ion Ratio Lower Upper
50 100
52 30.0 25.4 38.0

Manual Integrations
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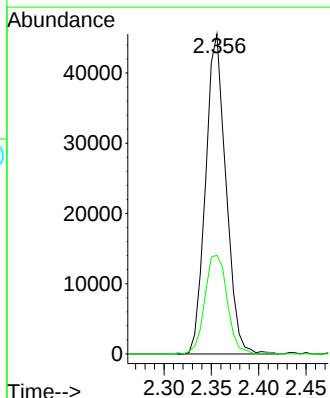
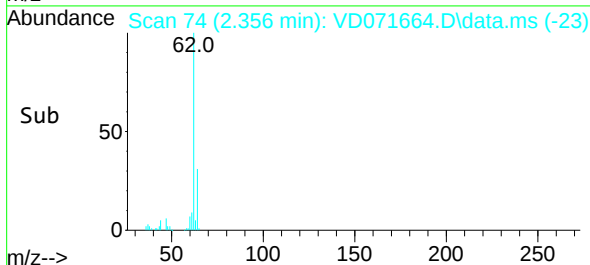
Reviewed By :John Carlone 01/12/2022
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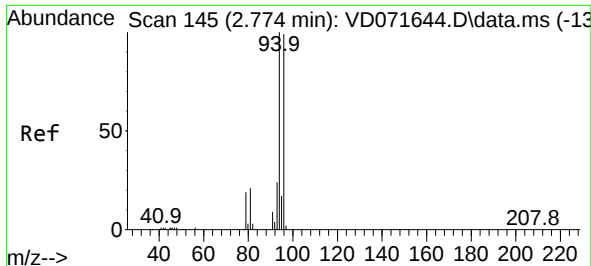


#4
Vinyl Chloride
Concen: 20.261 ug/l
RT: 2.356 min Scan# 74
Delta R.T. -0.000 min
Lab File: VD071664.D
Acq: 10 Jan 2022 18:23



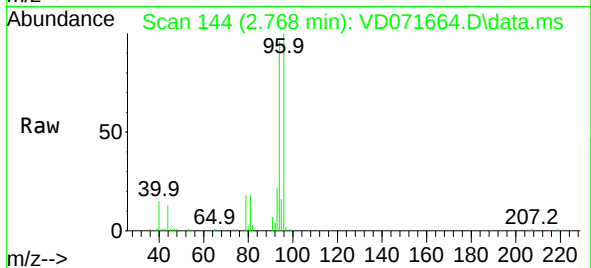
Tgt Ion: 62 Resp: 67956
Ion Ratio Lower Upper
62 100
64 30.9 23.2 34.8





#5
Bromomethane
Concen: 23.304 ug/l
RT: 2.768 min Scan# 145
Delta R.T. -0.005 min
Lab File: VD071664.D
Acq: 10 Jan 2022 18:23

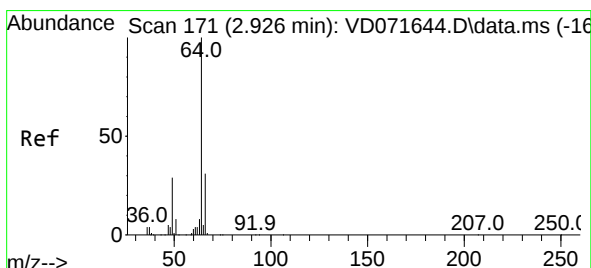
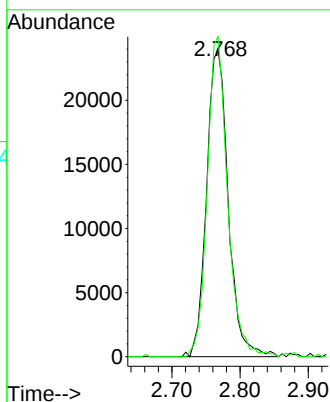
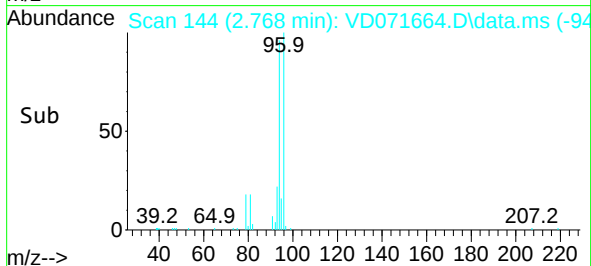
Instrument :
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Tgt Ion: 94 Resp: 5304
Ion Ratio Lower Upper
94 100
96 104.3 73.7 110.5

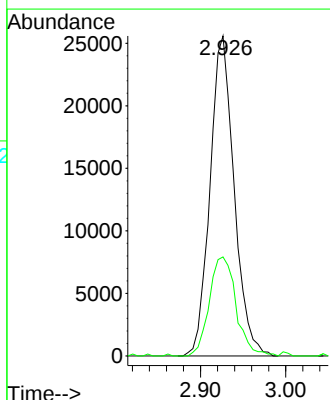
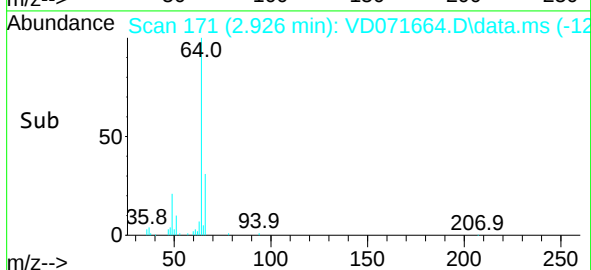
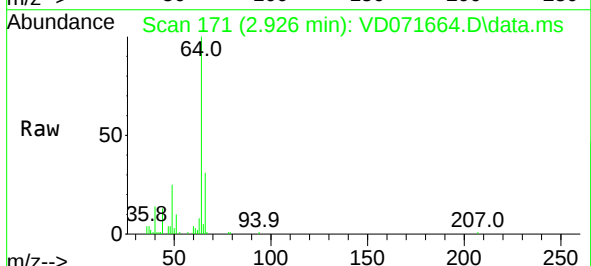
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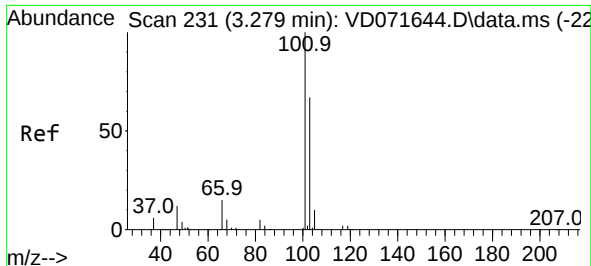
Reviewed By :John Carlone 01/12/2022
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#6
Chloroethane
Concen: 21.084 ug/l
RT: 2.926 min Scan# 171
Delta R.T. 0.000 min
Lab File: VD071664.D
Acq: 10 Jan 2022 18:23

Tgt Ion: 64 Resp: 50394
Ion Ratio Lower Upper
64 100
66 30.9 24.2 36.2





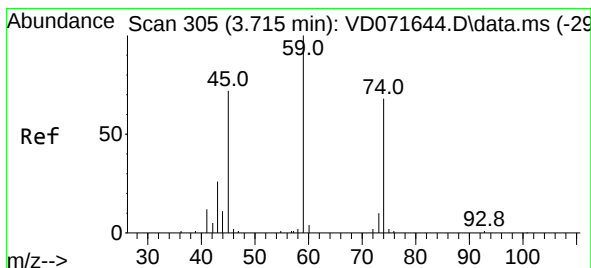
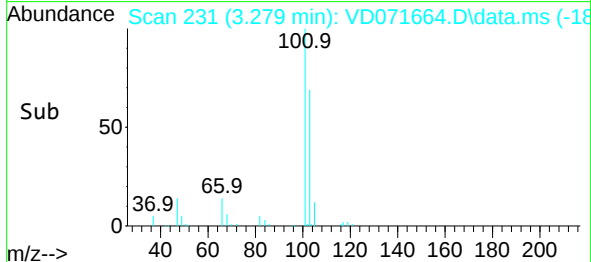
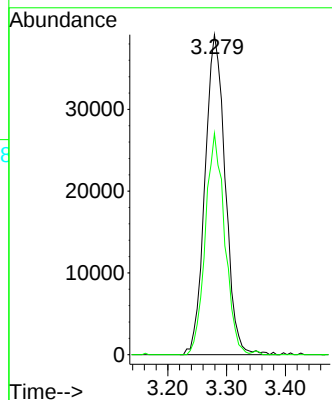
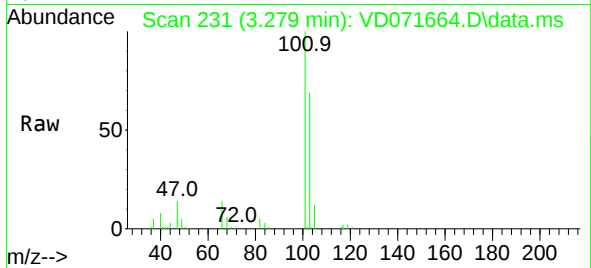
#7
 Trichlorofluoromethane
 Concen: 19.708 ug/l
 RT: 3.279 min Scan# 231
 Delta R.T. 0.000 min
 Lab File: VD071664.D
 Acq: 10 Jan 2022 18:23

Instrument :
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Tgt Ion:101 Resp: 93708
 Ion Ratio Lower Upper
 101 100
 103 69.2 49.8 74.6

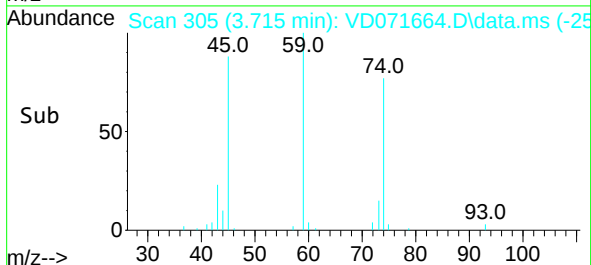
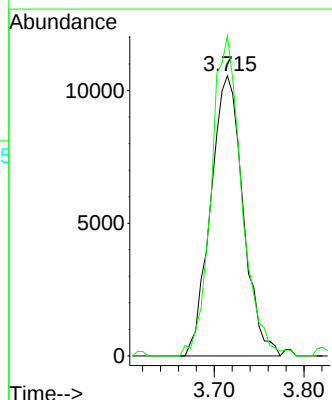
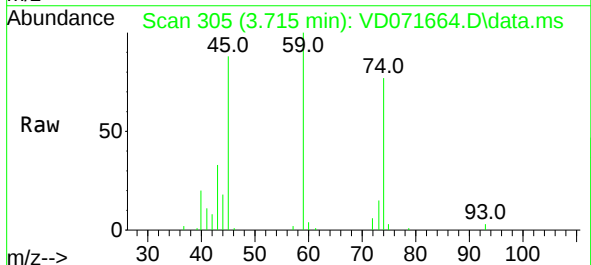
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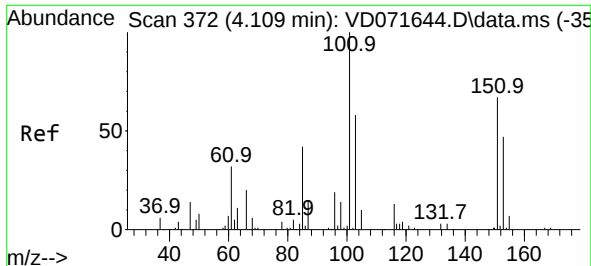
Reviewed By :John Carlone 01/12/2022
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#8
 Diethyl Ether
 Concen: 21.157 ug/l
 RT: 3.715 min Scan# 305
 Delta R.T. 0.001 min
 Lab File: VD071664.D
 Acq: 10 Jan 2022 18:23

Tgt Ion: 74 Resp: 26457
 Ion Ratio Lower Upper
 74 100
 45 107.3 56.5 169.5





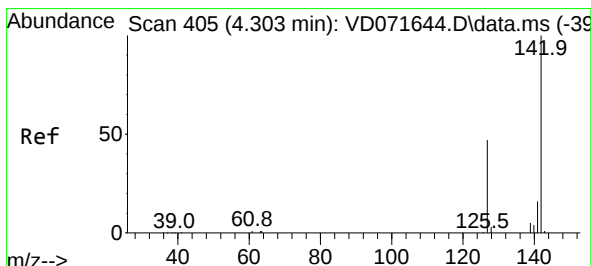
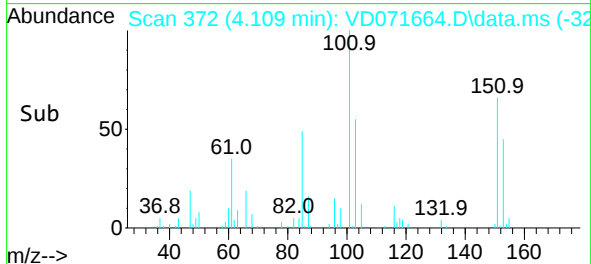
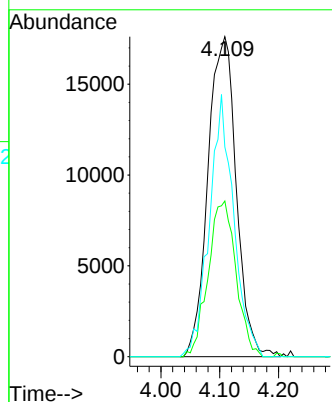
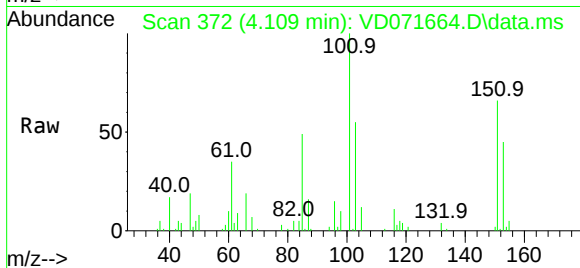
#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.236 ug/l
RT: 4.109 min Scan# 372
Delta R.T. 0.007 min
Lab File: VD071664.D
Acq: 10 Jan 2022 18:23

Instrument :
MSVOA_D
ClientSampleId :
VD0110SBSD01

Tgt Ion:101 Resp: 59010
Ion Ratio Lower Upper
101 100
85 47.7 38.7 58.1
151 70.2 56.2 84.2

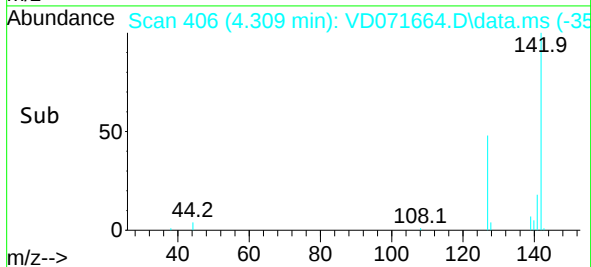
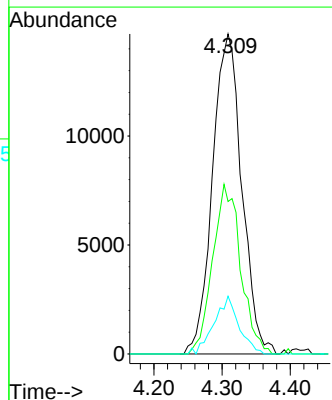
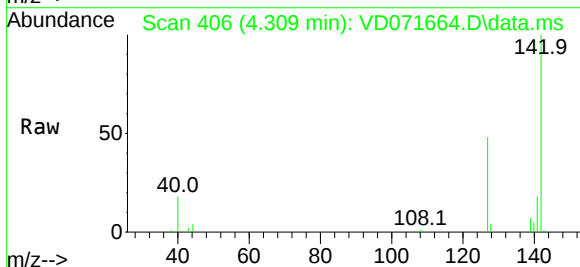
Manual Integrations
APPROVED

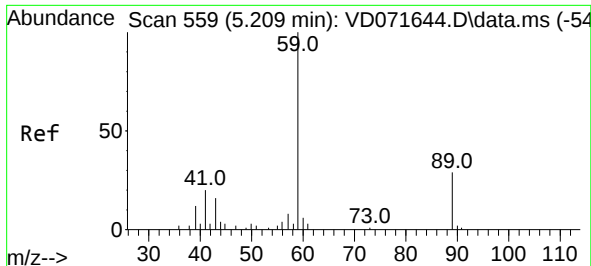
Reviewed By :John Carlone 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022



#10
Methyl Iodide
Concen: 16.531 ug/l
RT: 4.309 min Scan# 406
Delta R.T. 0.007 min
Lab File: VD071664.D
Acq: 10 Jan 2022 18:23

Tgt Ion:142 Resp: 43924
Ion Ratio Lower Upper
142 100
127 50.6 39.4 59.2
141 15.3 11.9 17.9





#11

Tert butyl alcohol

Concen: 121.831 ug/l

RT: 5.203 min Scan# 511

Delta R.T. -0.005 min

Lab File: VD071664.D

Acq: 10 Jan 2022 18:23

Instrument :

MSVOA_D

ClientSampleId :

VD0110SBSD01

Tgt Ion: 59 Resp: 28984

Ion Ratio Lower Upper

59 100

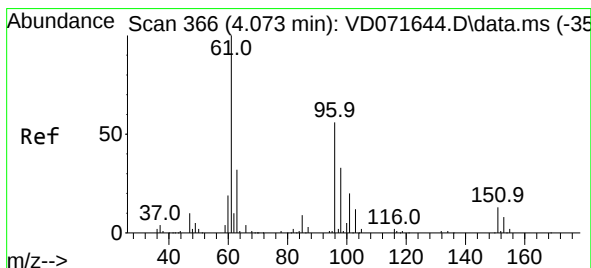
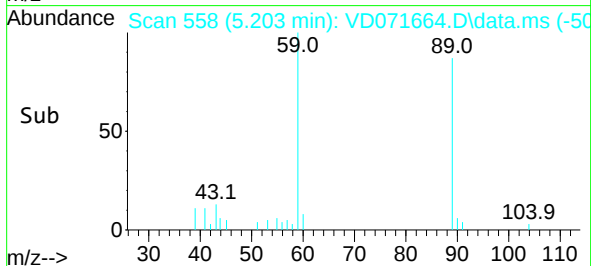
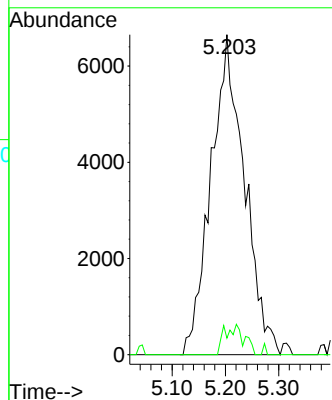
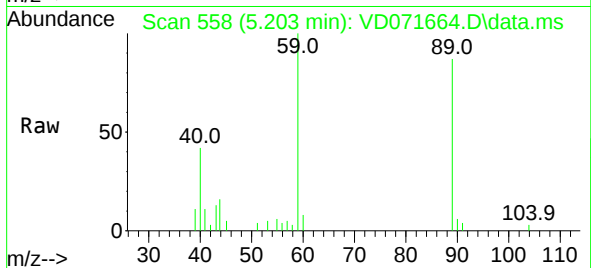
57 0.0 7.3 10.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/12/2022

Supervised By :Mahesh Dadoda 01/12/2022



#12

1,1-Dichloroethene

Concen: 20.353 ug/l

RT: 4.073 min Scan# 366

Delta R.T. -0.006 min

Lab File: VD071664.D

Acq: 10 Jan 2022 18:23

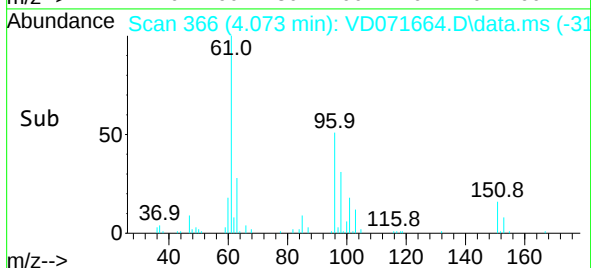
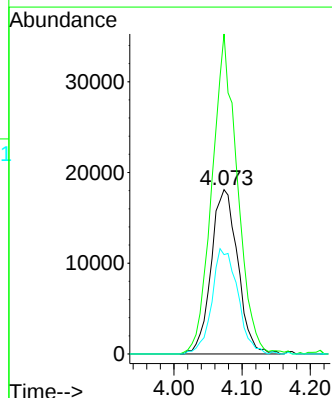
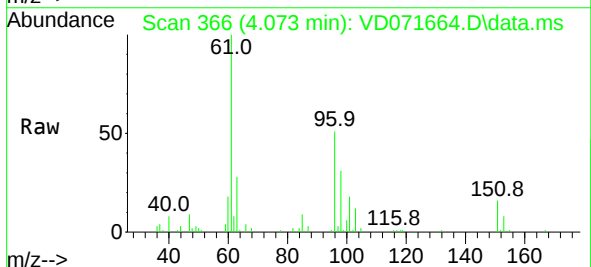
Tgt Ion: 96 Resp: 49083

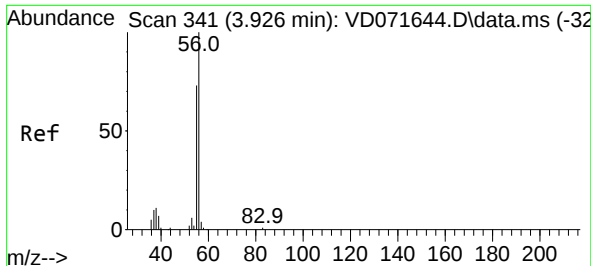
Ion Ratio Lower Upper

96 100

61 194.7 137.8 206.8

98 60.5 48.3 72.5





#13

Acrolein

Concen: 83.481 ug/l

RT: 3.926 min Scan# 341

Delta R.T. 0.000 min

Lab File: VD071664.D

Acq: 10 Jan 2022 18:23

Instrument :

MSVOA_D

ClientSampleId :

VD0110SBSD01

Tgt Ion: 56 Resp: 2828

Ion Ratio Lower Upper

56 100

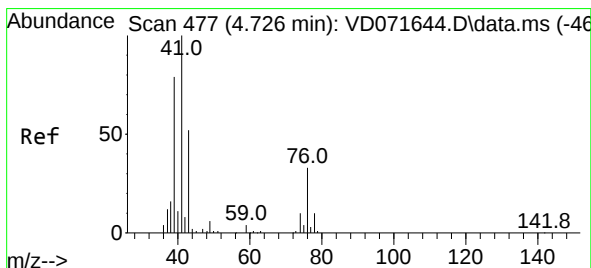
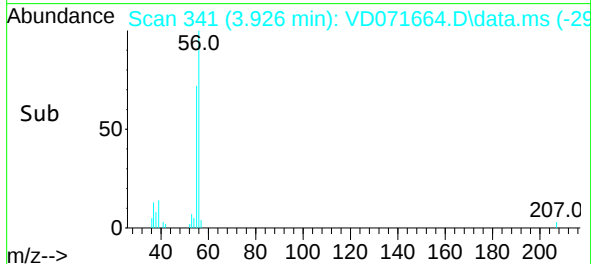
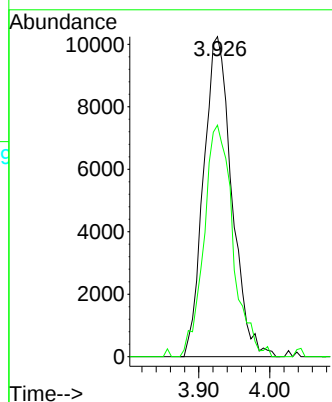
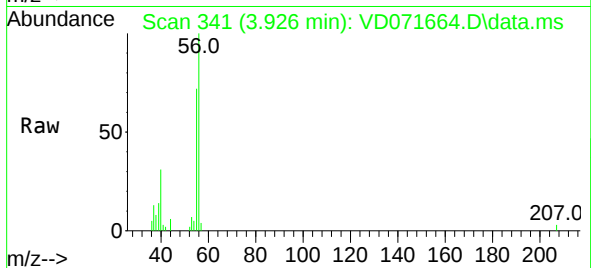
55 74.1 56.9 85.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/12/2022

Supervised By :Mahesh Dadoda 01/12/2022



#14

Allyl chloride

Concen: 20.302 ug/l

RT: 4.720 min Scan# 476

Delta R.T. 0.000 min

Lab File: VD071664.D

Acq: 10 Jan 2022 18:23

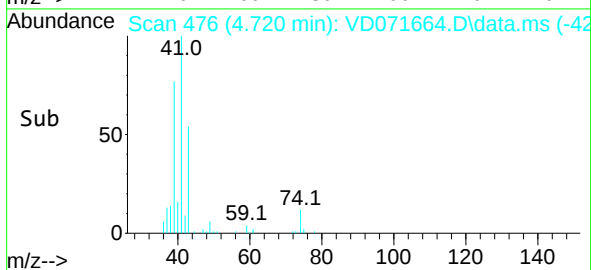
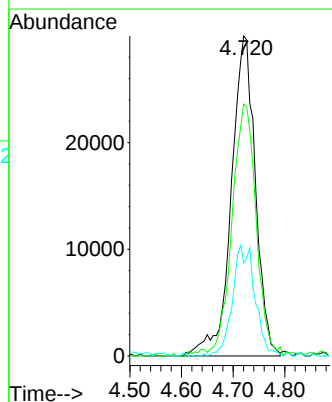
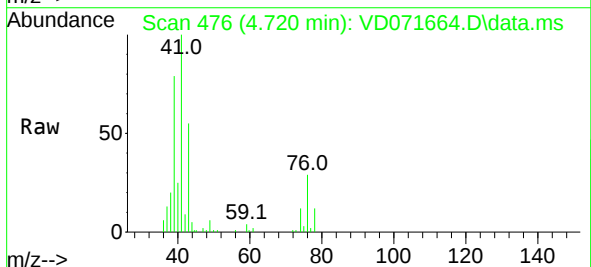
Tgt Ion: 41 Resp: 97082

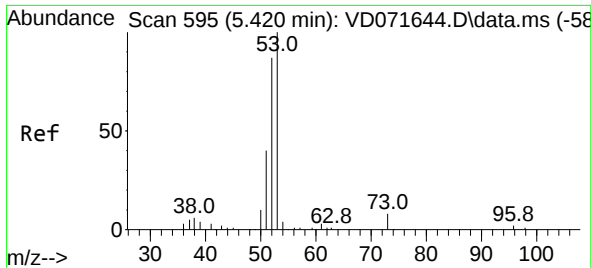
Ion Ratio Lower Upper

41 100

39 77.1 63.2 94.8

76 32.2 25.8 38.6





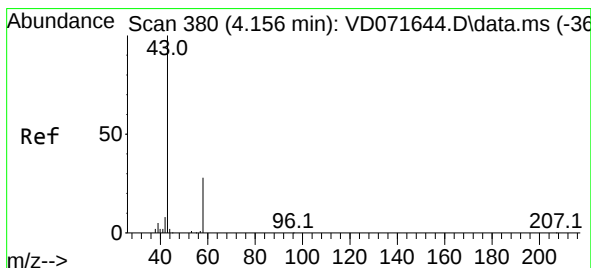
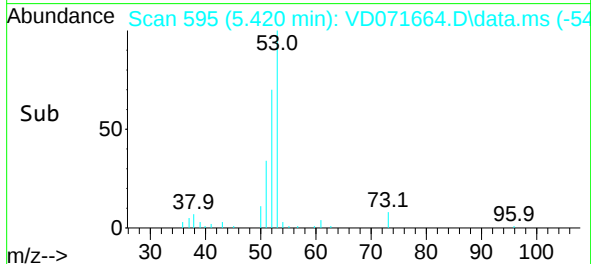
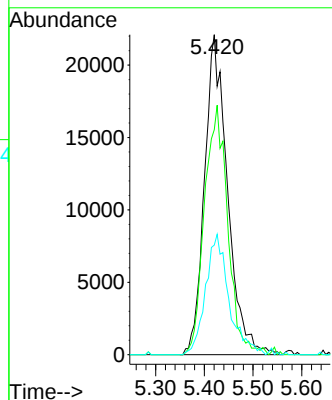
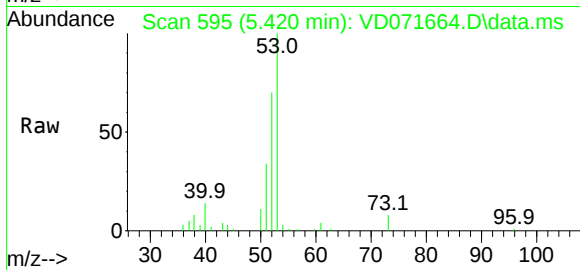
#15
Acrylonitrile
Concen: 109.940 ug/l
RT: 5.420 min Scan# 595
Delta R.T. 0.000 min
Lab File: VD071664.D
Acq: 10 Jan 2022 18:23

Instrument :
MSVOA_D
ClientSampleId :
VD0110SBSD01

Tgt Ion: 53 Resp: 72650
Ion Ratio Lower Upper
53 100
52 78.5 65.6 98.4
51 38.0 31.2 46.8

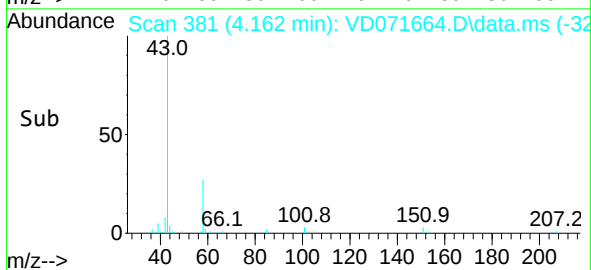
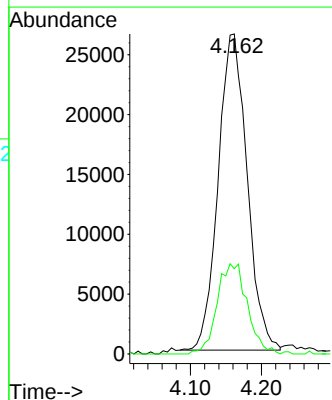
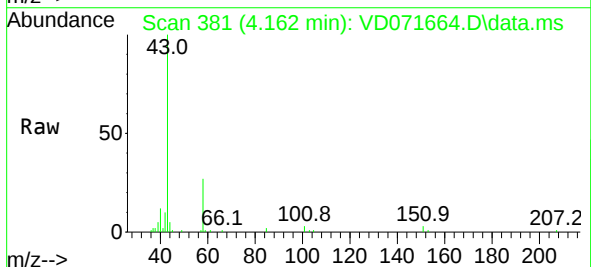
Manual Integrations
APPROVED

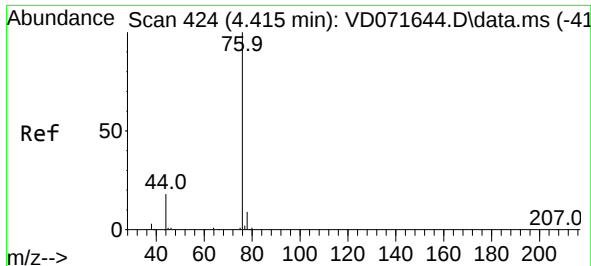
Reviewed By :John Carlone 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022



#16
Acetone
Concen: 93.342 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.007 min
Lab File: VD071664.D
Acq: 10 Jan 2022 18:23

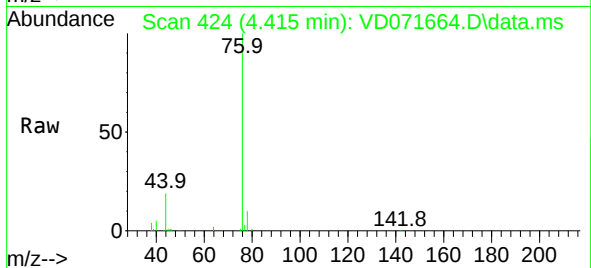
Tgt Ion: 43 Resp: 74802
Ion Ratio Lower Upper
43 100
58 27.0 21.0 31.6





#17
Carbon Disulfide
Concen: 20.299 ug/l
RT: 4.415 min Scan# 41
Delta R.T. 0.001 min
Lab File: VD071664.D
Acq: 10 Jan 2022 18:23

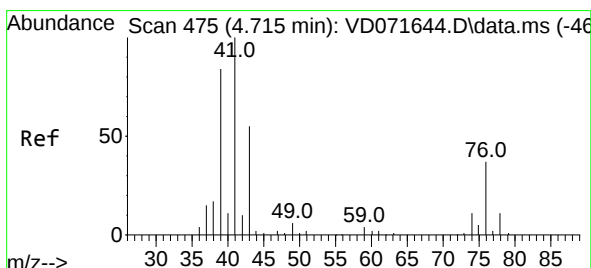
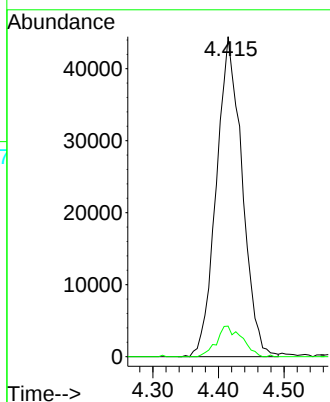
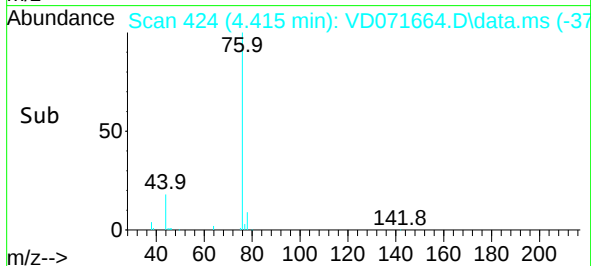
Instrument :
MSVOA_D
ClientSampleId :
VD0110SBSD01



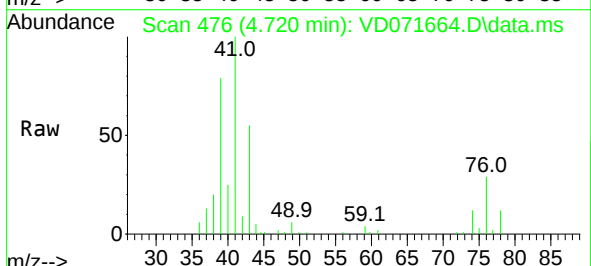
Tgt Ion: 76 Resp: 12115
Ion Ratio Lower Upper
76 100
78 9.6 7.4 11.2

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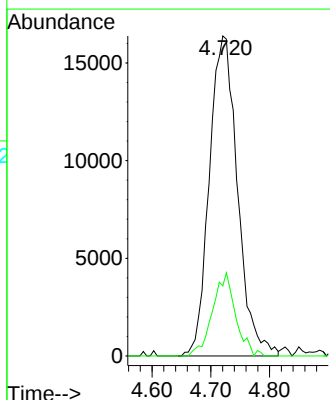
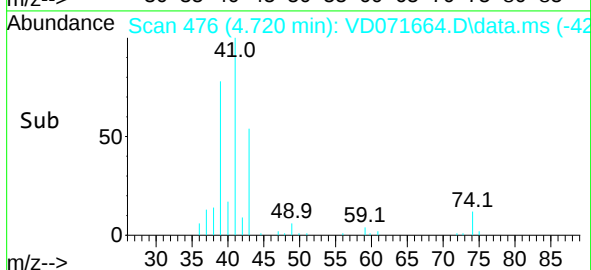
Reviewed By :John Carlone 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022

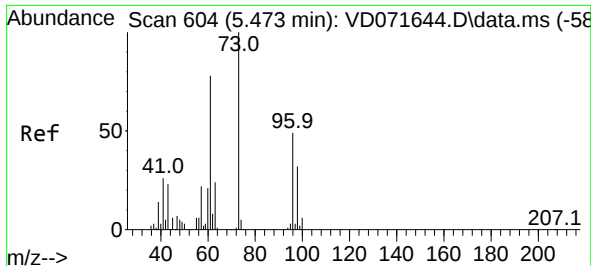


#18
Methyl Acetate
Concen: 23.512 ug/l
RT: 4.720 min Scan# 476
Delta R.T. 0.006 min
Lab File: VD071664.D
Acq: 10 Jan 2022 18:23



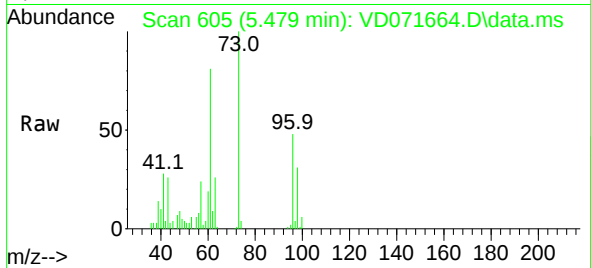
Tgt Ion: 43 Resp: 54622
Ion Ratio Lower Upper
43 100
74 21.3 16.3 24.5





#19
Methyl tert-butyl Ether
Concen: 20.419 ug/l
RT: 5.479 min Scan# 604
Delta R.T. 0.000 min
Lab File: VD071664.D
Acq: 10 Jan 2022 18:23

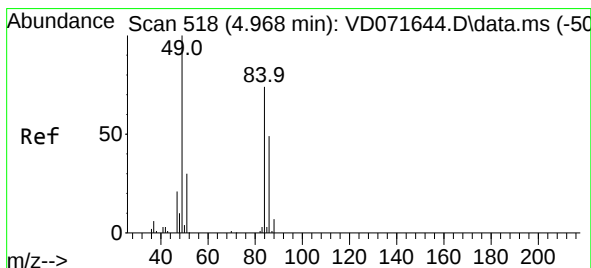
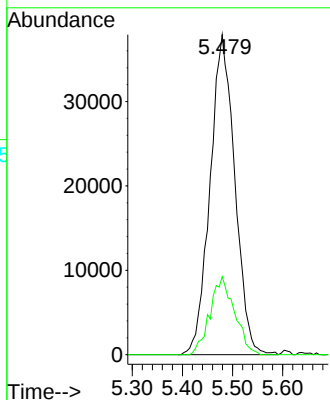
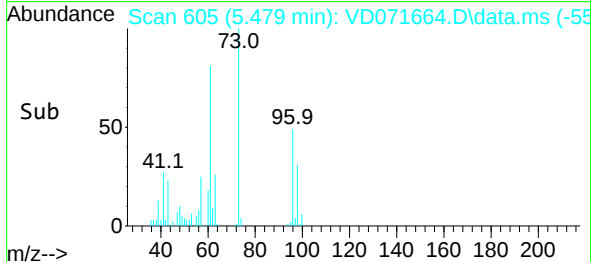
Instrument :
MSVOA_D
ClientSampleId :
VD0110SBSD01



Tgt Ion: 73 Resp: 12998
Ion Ratio Lower Upper
73 100
57 24.4 19.2 28.8

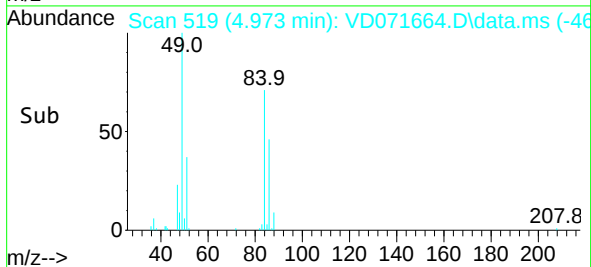
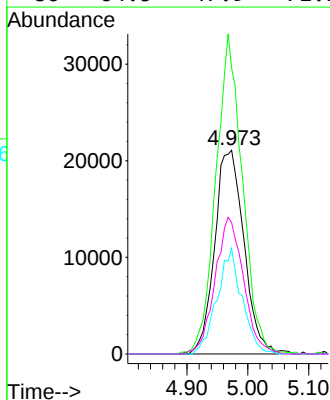
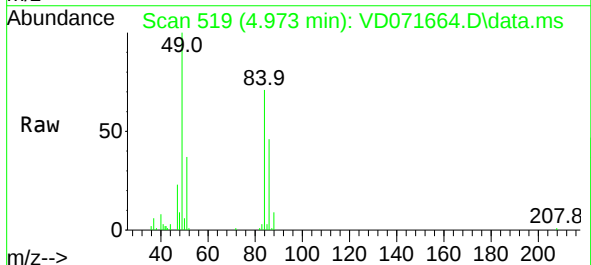
Manual Integrations
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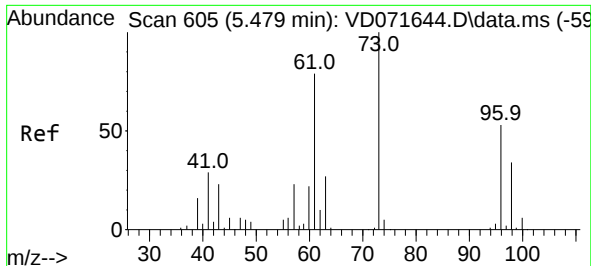
Reviewed By :John Carlone 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022



#20
Methylene Chloride
Concen: 22.277 ug/l
RT: 4.973 min Scan# 519
Delta R.T. 0.006 min
Lab File: VD071664.D
Acq: 10 Jan 2022 18:23

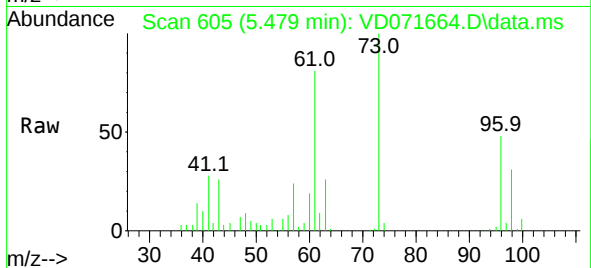
Tgt Ion: 84 Resp: 70324
Ion Ratio Lower Upper
84 100
49 140.3 118.6 178.0
51 51.9 37.8 56.6
86 64.5 47.9 71.9





#21
trans-1,2-Dichloroethene
Concen: 21.138 ug/l
RT: 5.479 min Scan# 605
Delta R.T. 0.000 min
Lab File: VD071664.D
Acq: 10 Jan 2022 18:23

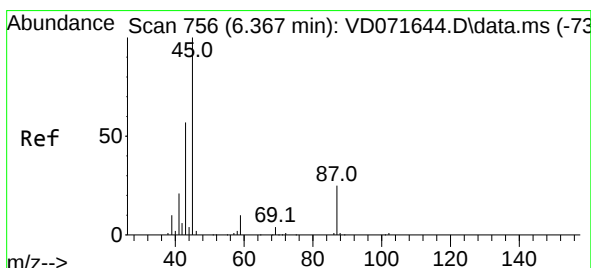
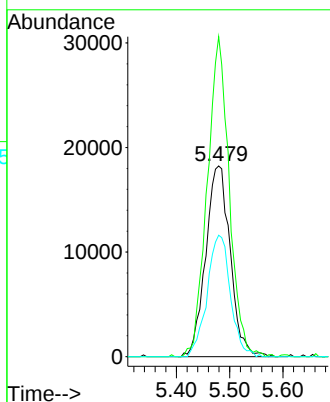
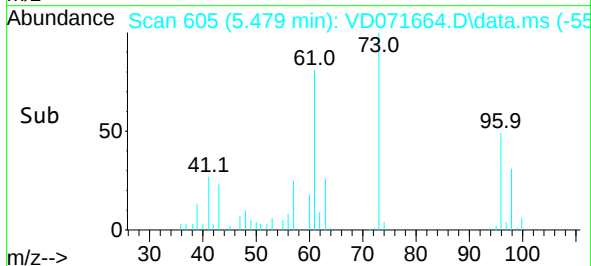
Instrument :
MSVOA_D
ClientSampleId :
VD0110SBSD01



Tgt Ion: 96 Resp: 5821
Ion Ratio Lower Upper
96 100
61 167.8 119.4 179.0
98 63.6 49.3 73.9

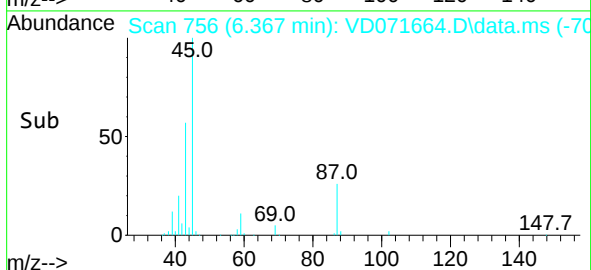
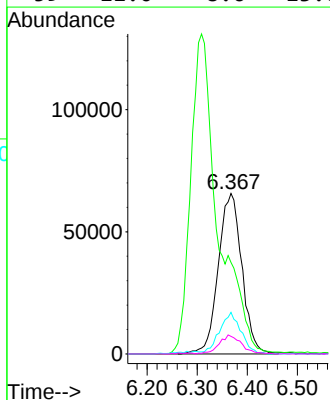
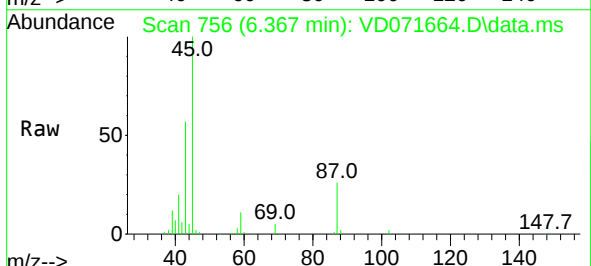
Manual Integrations
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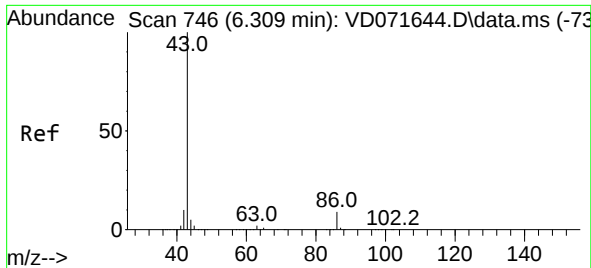
Reviewed By :John Carlone 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022



#22
Diisopropyl ether
Concen: 20.860 ug/l
RT: 6.367 min Scan# 756
Delta R.T. 0.000 min
Lab File: VD071664.D
Acq: 10 Jan 2022 18:23

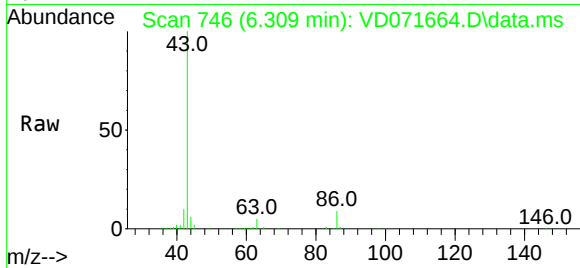
Tgt Ion: 45 Resp: 214788
Ion Ratio Lower Upper
45 100
43 55.8 43.0 64.6
87 25.9 19.0 28.4
59 11.0 8.6 13.0





#23
 Vinyl Acetate
 Concen: 103.006 ug/l
 RT: 6.309 min Scan# 746
 Delta R.T. 0.001 min
 Lab File: VD071664.D
 Acq: 10 Jan 2022 18:23

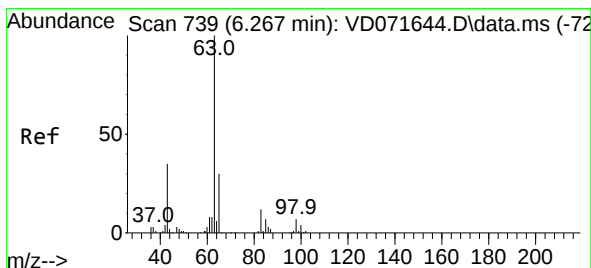
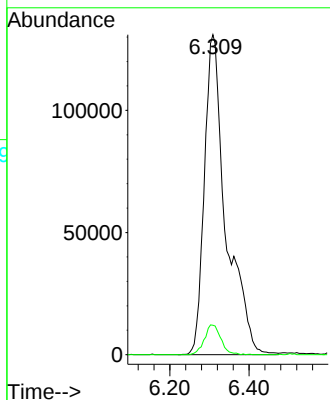
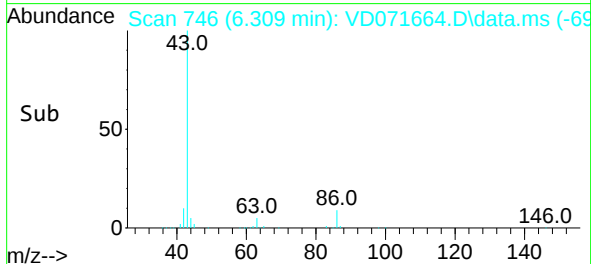
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0110SBSD01



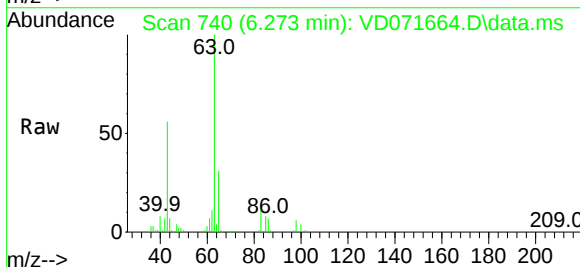
Tgt Ion: 43 Resp: 49495
 Ion Ratio Lower Upper
 43 100
 86 9.2 6.7 10.1

Manual Integrations
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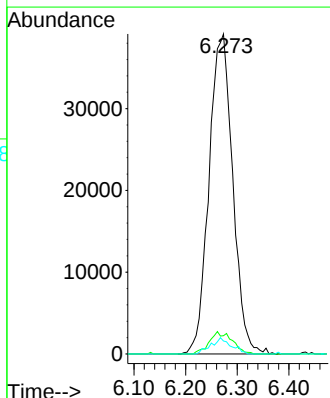
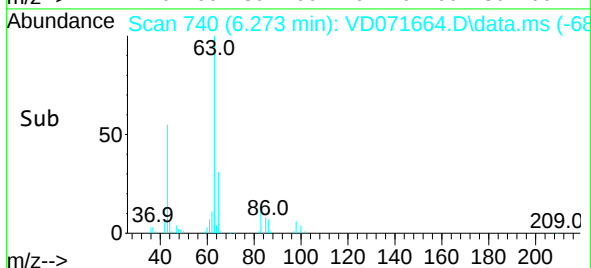
Reviewed By :John Carlone 01/12/2022
 Supervised By :Mahesh Dadoda 01/12/2022

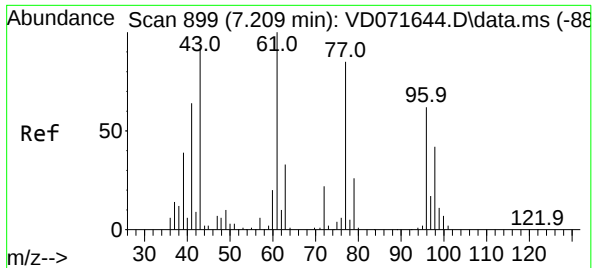


#24
 1,1-Dichloroethane
 Concen: 21.245 ug/l
 RT: 6.273 min Scan# 740
 Delta R.T. 0.000 min
 Lab File: VD071664.D
 Acq: 10 Jan 2022 18:23



Tgt Ion: 63 Resp: 124864
 Ion Ratio Lower Upper
 63 100
 98 5.7 3.4 10.1
 100 4.1 2.5 7.5





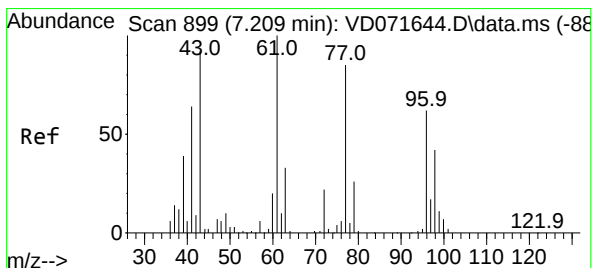
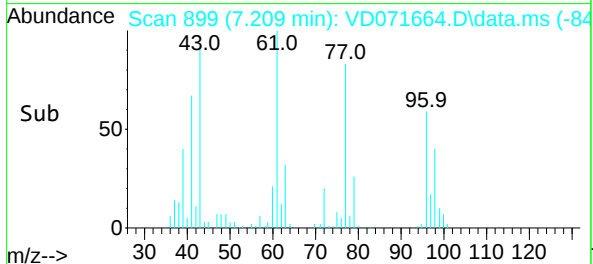
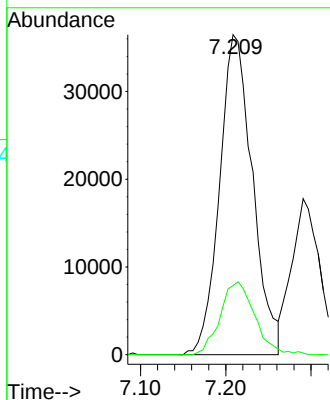
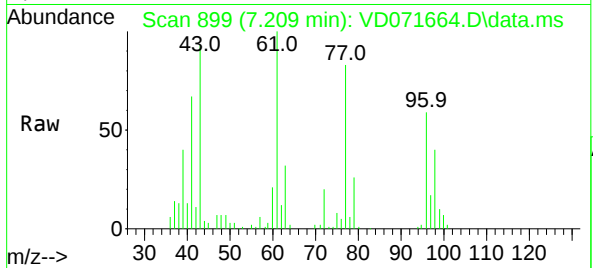
#25
2-Butanone
Concen: 103.717 ug/l
RT: 7.209 min Scan# 899
Delta R.T. 0.001 min
Lab File: VD071664.D
Acq: 10 Jan 2022 18:23

Instrument :
MSVOA_D
ClientSampleId :
VD0110SBSD01

Tgt Ion: 43 Resp: 9820
Ion Ratio Lower Upper
43 100
72 21.6 16.4 24.6

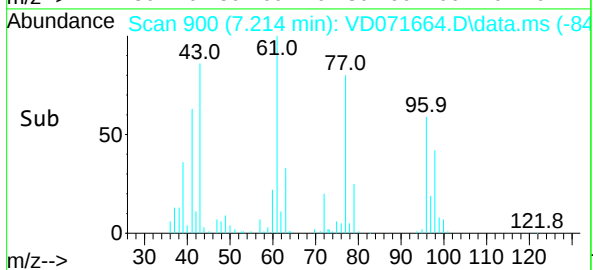
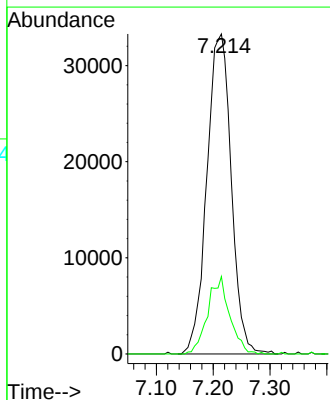
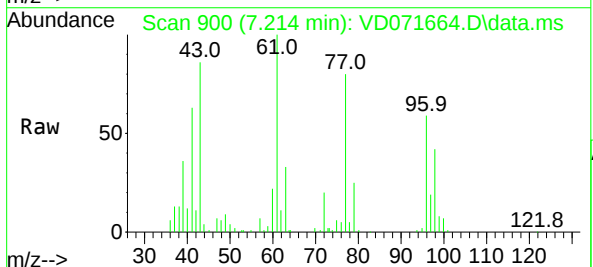
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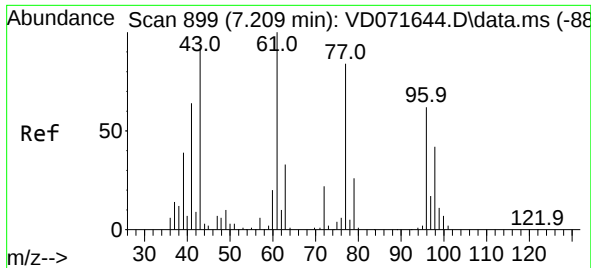
Reviewed By :John Carlone 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022



#26
2,2-Dichloropropane
Concen: 20.114 ug/l
RT: 7.214 min Scan# 900
Delta R.T. 0.006 min
Lab File: VD071664.D
Acq: 10 Jan 2022 18:23

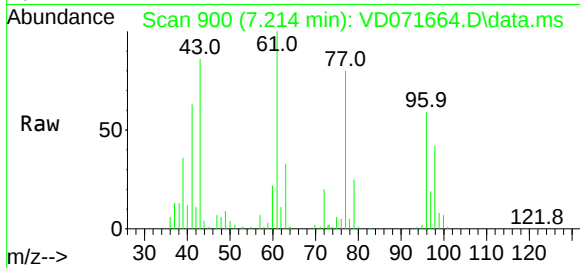
Tgt Ion: 77 Resp: 99267
Ion Ratio Lower Upper
77 100
97 21.7 10.7 32.1





#27
 cis-1,2-Dichloroethene
 Concen: 21.056 ug/l
 RT: 7.214 min Scan# 900
 Delta R.T. 0.000 min
 Lab File: VD071664.D
 Acq: 10 Jan 2022 18:23

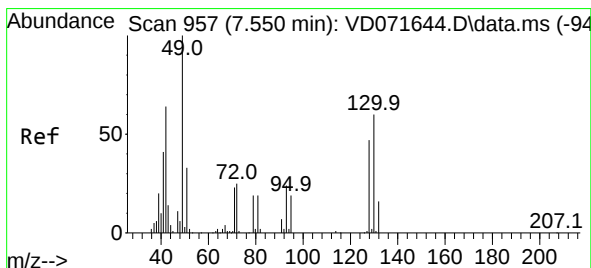
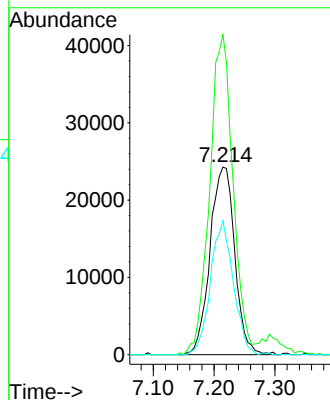
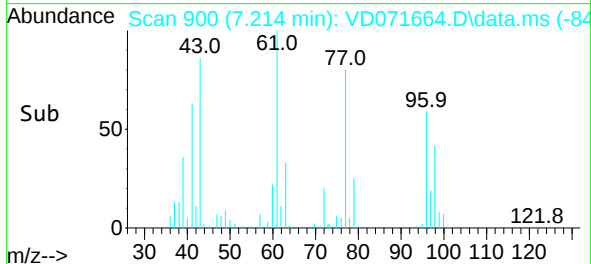
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0110SBSD01



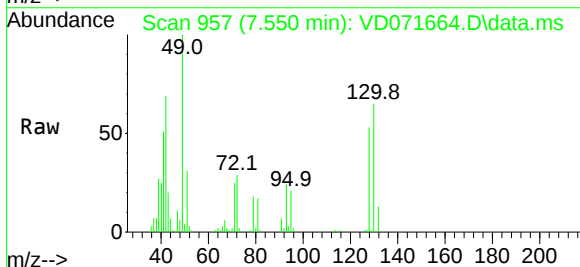
Tgt Ion: 96 Resp: 6844
 Ion Ratio Lower Upper
 96 100
 61 161.4 0.0 322.8
 98 66.0 0.0 130.8

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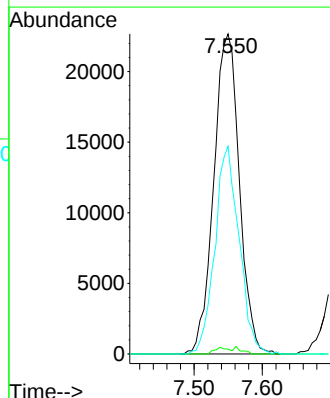
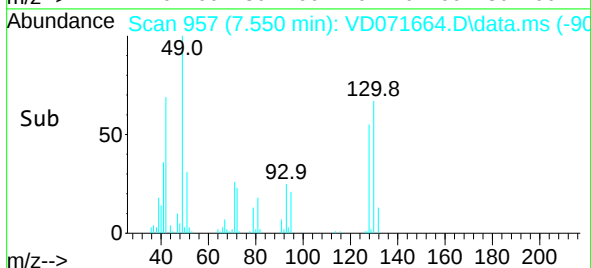
Reviewed By :John Carlone 01/12/2022
 Supervised By :Mahesh Dadoda 01/12/2022

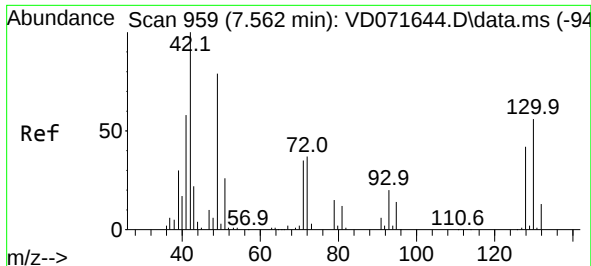


#28
 Bromochloromethane
 Concen: 20.700 ug/l
 RT: 7.550 min Scan# 957
 Delta R.T. 0.001 min
 Lab File: VD071664.D
 Acq: 10 Jan 2022 18:23



Tgt Ion: 49 Resp: 59266
 Ion Ratio Lower Upper
 49 100
 129 1.2 0.0 4.2
 130 61.4 48.9 73.3





#29

Tetrahydrofuran

Concen: 106.959 ug/l

RT: 7.561 min Scan# 959

Delta R.T. 0.000 min

Lab File: VD071664.D

Acq: 10 Jan 2022 18:23

Instrument :

MSVOA_D

ClientSampleId :

VD0110SBSD01

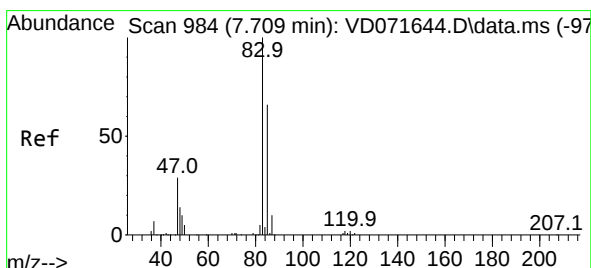
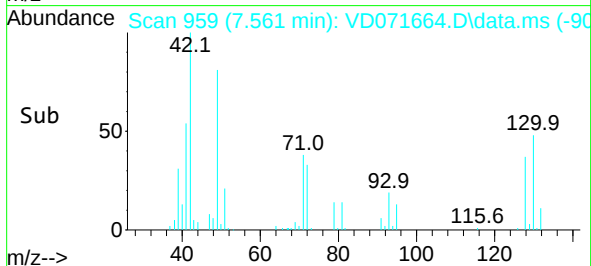
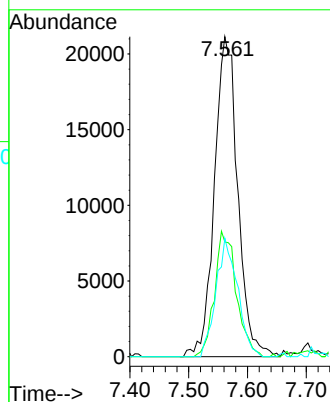
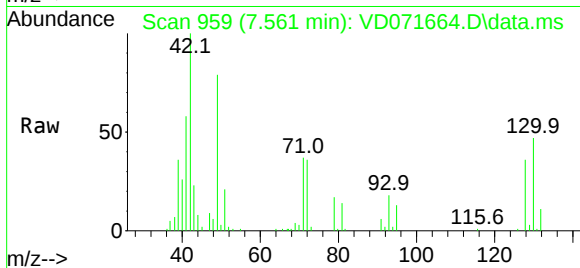
Tgt Ion: 42	Resp: 5825
Ion Ratio	Lower Upper
42	100
72	36.6 29.6 44.4
71	34.3 27.3 40.9

Manual Integrations

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Reviewed By :John Carlone 01/12/2022

Supervised By :Mahesh Dadoda 01/12/2022



#30

Chloroform

Concen: 21.481 ug/l

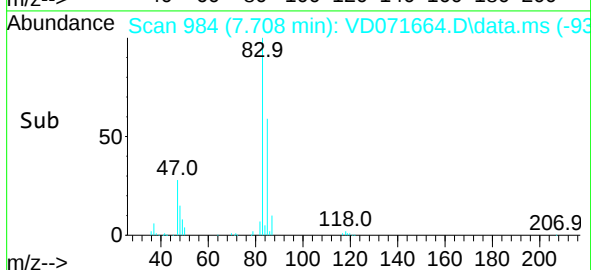
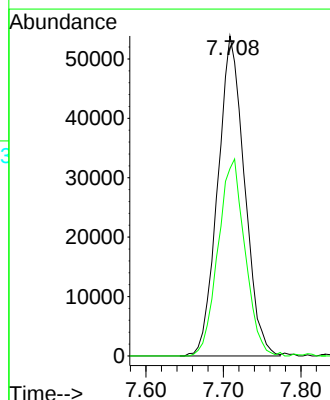
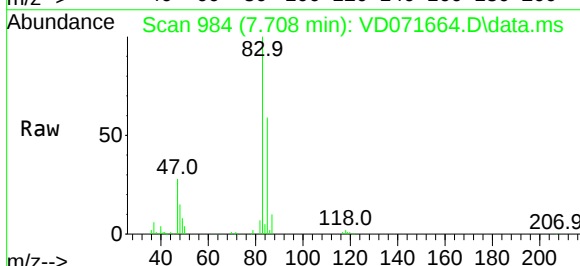
RT: 7.708 min Scan# 984

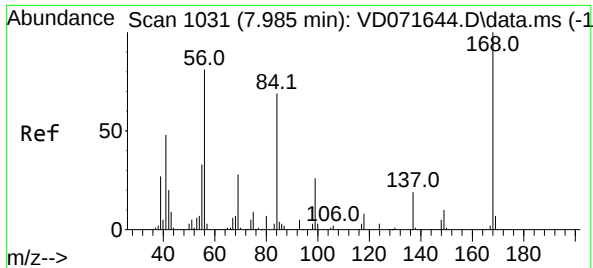
Delta R.T. -0.006 min

Lab File: VD071664.D

Acq: 10 Jan 2022 18:23

Tgt Ion: 83	Resp: 129100
Ion Ratio	Lower Upper
83	100
85	58.6 52.4 78.6





#31

Cyclohexane

Concen: 20.912 ug/l

RT: 7.991 min Scan# 1031

Delta R.T. 0.001 min

Lab File: VD071664.D

Acq: 10 Jan 2022 18:23

Instrument :

MSVOA_D

ClientSampleId :

VD0110SBSD01

Tgt Ion: 56 Resp: 99574

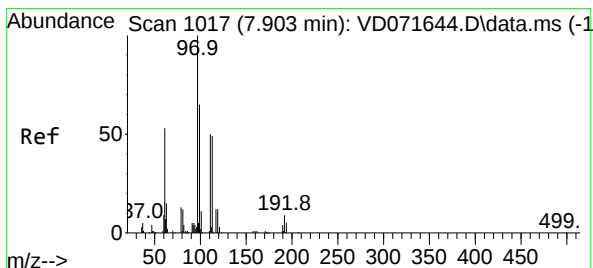
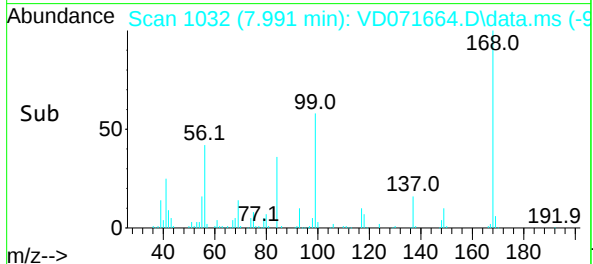
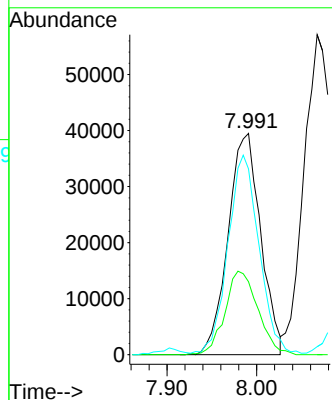
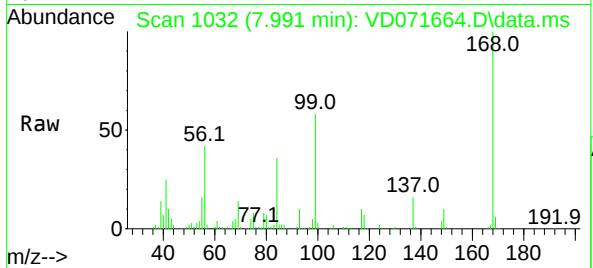
Ion	Ratio	Lower	Upper
56	100		
69	33.0	21.7	32.5
84	82.5	65.7	98.5

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Reviewed By :John Carlone 01/12/2022

Supervised By :Mahesh Dadoda 01/12/2022



#32

1,1,1-Trichloroethane

Concen: 20.743 ug/l

RT: 7.908 min Scan# 1018

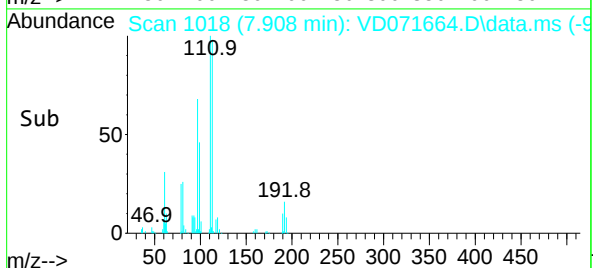
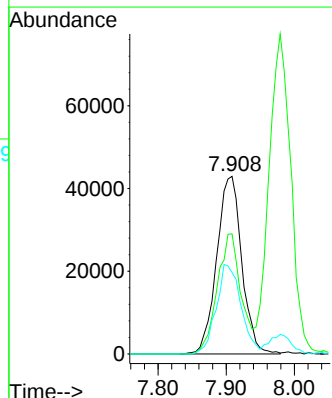
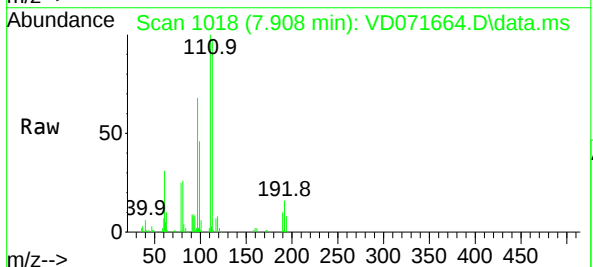
Delta R.T. 0.006 min

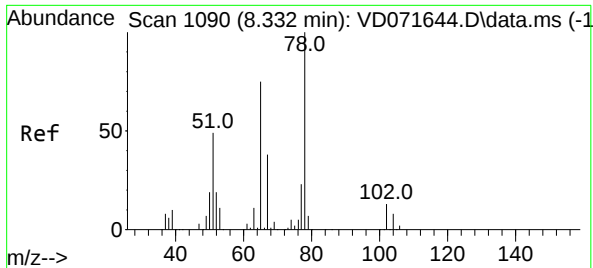
Lab File: VD071664.D

Acq: 10 Jan 2022 18:23

Tgt Ion: 97 Resp: 109878

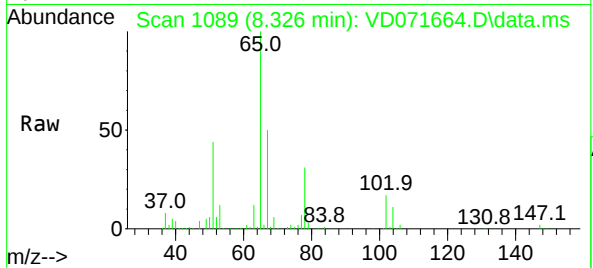
Ion	Ratio	Lower	Upper
97	100		
99	63.7	51.8	77.6
61	49.5	40.5	60.7





#33
1,2-Dichloroethane-d4
Concen: 55.168 ug/l
RT: 8.326 min Scan# 1090
Delta R.T. -0.006 min
Lab File: VD071664.D
Acq: 10 Jan 2022 18:23

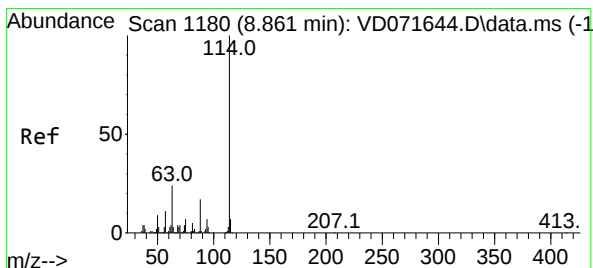
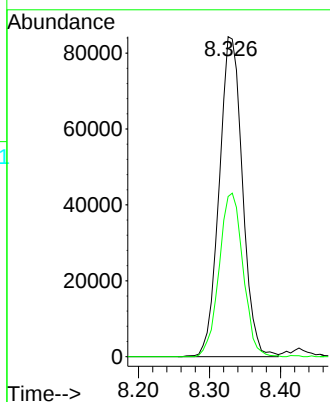
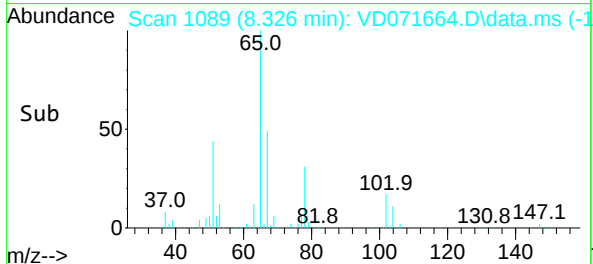
Instrument :
MSVOA_D
ClientSampleId :
VD0110SBSD01



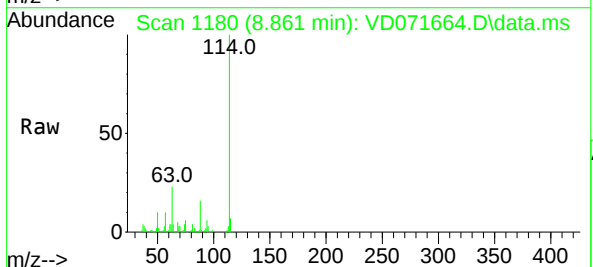
Tgt Ion: 65 Resp: 191490
Ion Ratio Lower Upper
65 100
67 52.5 0.0 101.2

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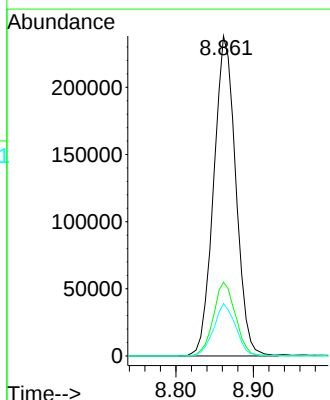
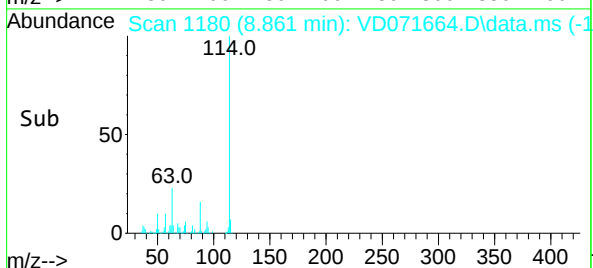
Reviewed By :John Carlone 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022

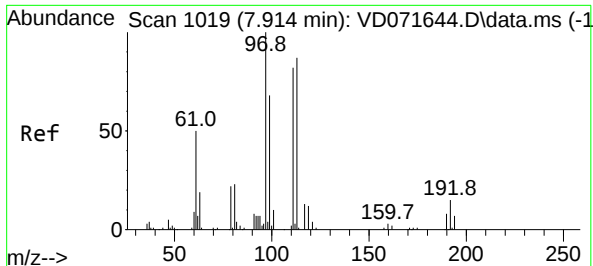


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.006 min
Lab File: VD071664.D
Acq: 10 Jan 2022 18:23



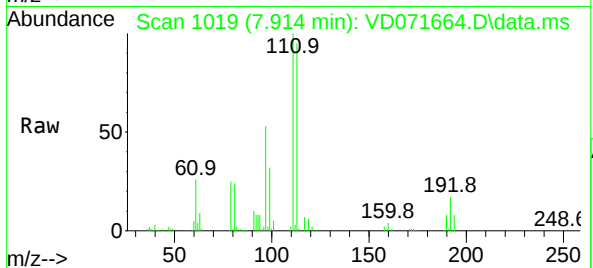
Tgt Ion:114 Resp: 471266
Ion Ratio Lower Upper
114 100
63 23.0 0.0 46.2
88 16.4 0.0 32.0





#35
Dibromofluoromethane
Concen: 52.474 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD071664.D
Acq: 10 Jan 2022 18:23

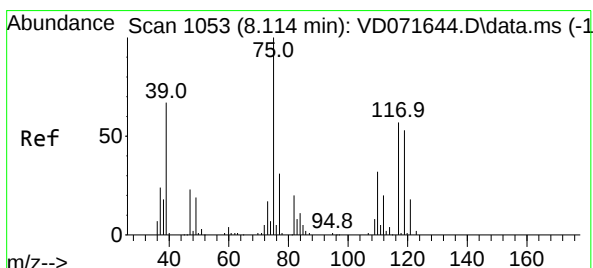
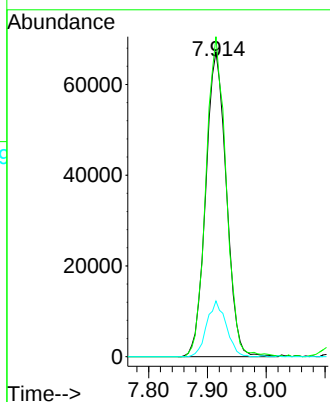
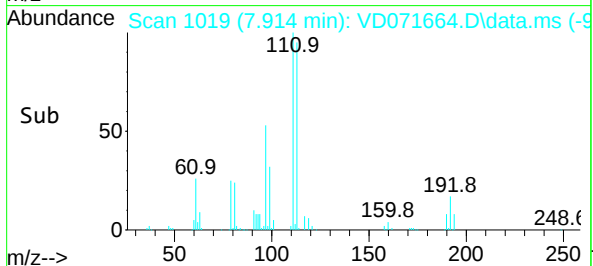
Instrument :
MSVOA_D
ClientSampleId :
VD0110SBSD01



Tgt Ion:113 Resp: 163429
Ion Ratio Lower Upper
113 100
111 102.7 82.2 123.4
192 17.2 14.2 21.2

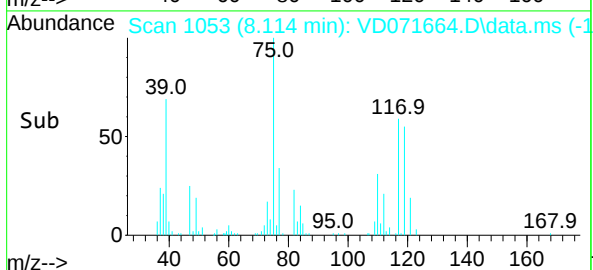
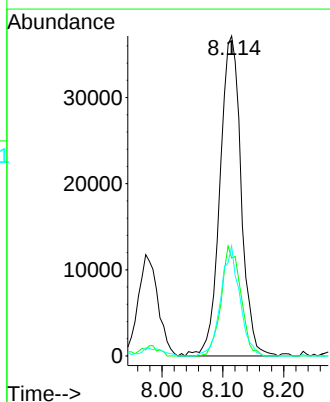
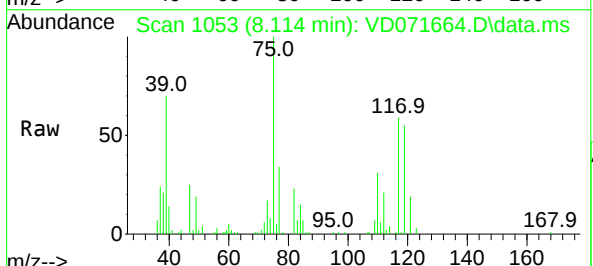
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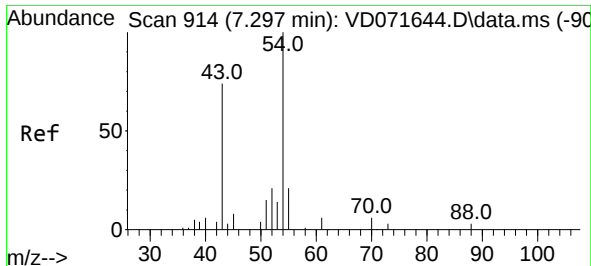
Reviewed By :John Carlone 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022



#36
1,1-Dichloropropene
Concen: 20.192 ug/l
RT: 8.114 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VD071664.D
Acq: 10 Jan 2022 18:23

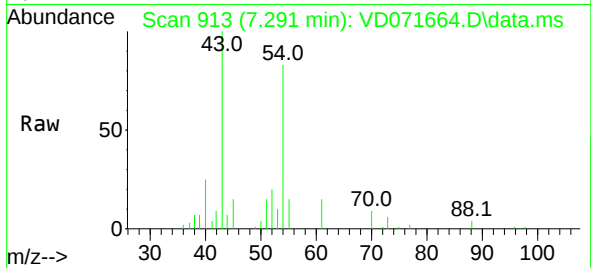
Tgt Ion: 75 Resp: 89707
Ion Ratio Lower Upper
75 100
110 31.7 16.0 48.0
77 30.6 24.5 36.7





#37
Ethyl Acetate
Concen: 20.733 ug/l
RT: 7.291 min Scan# 914
Delta R.T. -0.000 min
Lab File: VD071664.D
Acq: 10 Jan 2022 18:23

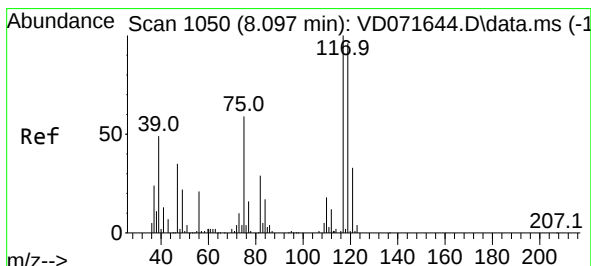
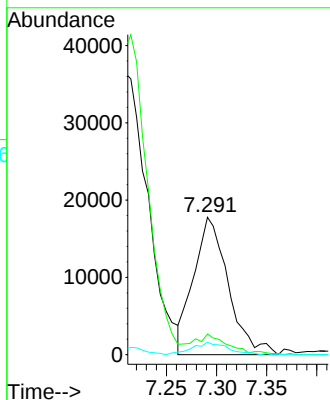
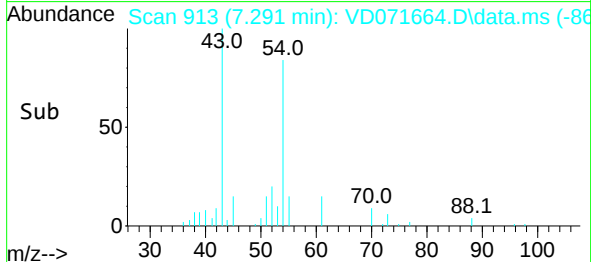
Instrument :
MSVOA_D
ClientSampleId :
VD0110SBSD01



Tgt Ion: 43 Resp: 42750
Ion Ratio Lower Upper
43 100
61 14.8 11.0 16.4
70 9.3 7.4 11.2

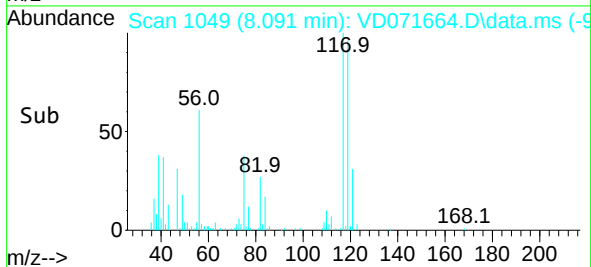
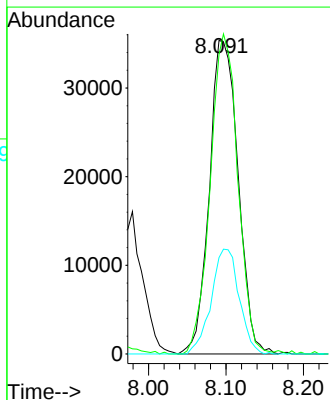
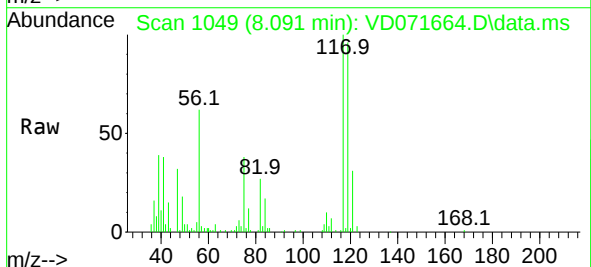
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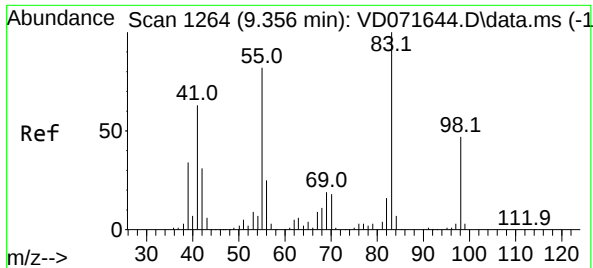
Reviewed By :John Carlone 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022



#38
Carbon Tetrachloride
Concen: 20.299 ug/l
RT: 8.091 min Scan# 1049
Delta R.T. -0.005 min
Lab File: VD071664.D
Acq: 10 Jan 2022 18:23

Tgt Ion:117 Resp: 91327
Ion Ratio Lower Upper
117 100
119 95.5 73.4 110.2
121 30.7 23.9 35.9





#39

Methylcyclohexane

Concen: 19.549 ug/l

RT: 9.355 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD071664.D

Acq: 10 Jan 2022 18:23

Instrument :

MSVOA_D

ClientSampleId :

VD0110SBSD01

Tgt Ion: 83 Resp: 93809

Ion Ratio Lower Upper

83 100

55 86.8 70.1 105.1

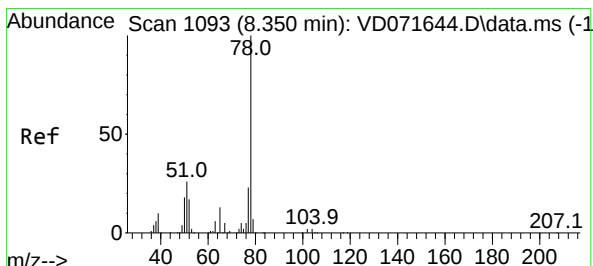
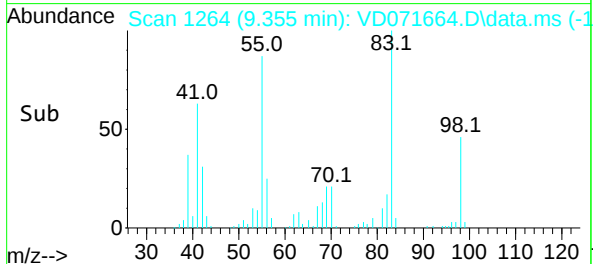
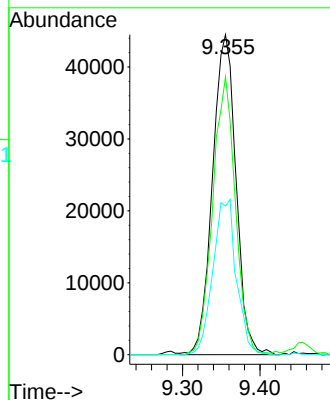
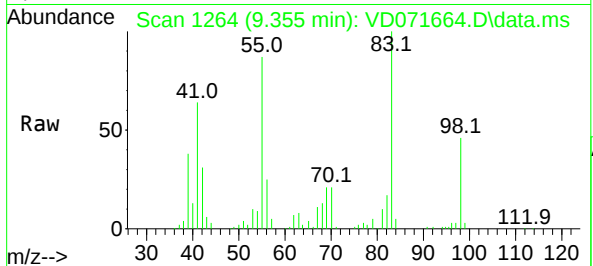
98 46.4 39.2 58.8

Manual Integrations

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Reviewed By :John Carlone 01/12/2022

Supervised By :Mahesh Dadoda 01/12/2022



#40

Benzene

Concen: 20.591 ug/l

RT: 8.350 min Scan# 1093

Delta R.T. 0.001 min

Lab File: VD071664.D

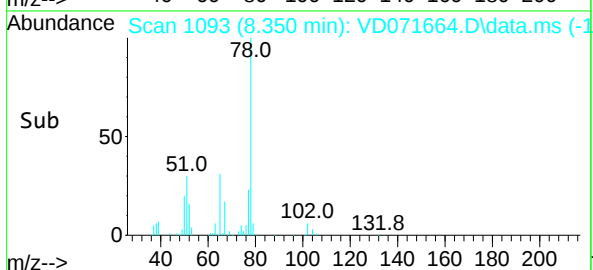
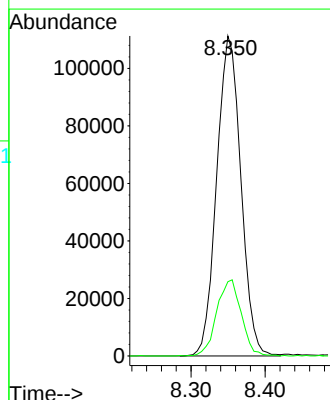
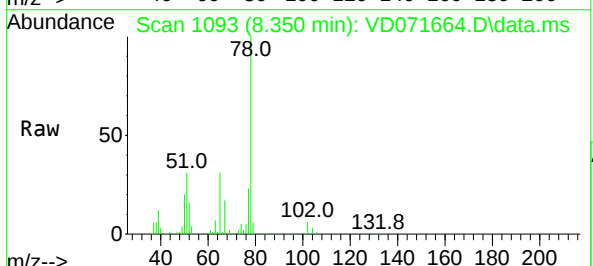
Acq: 10 Jan 2022 18:23

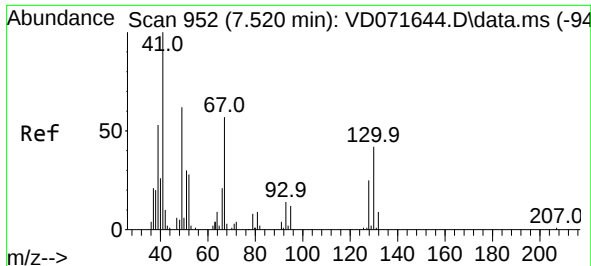
Tgt Ion: 78 Resp: 252054

Ion Ratio Lower Upper

78 100

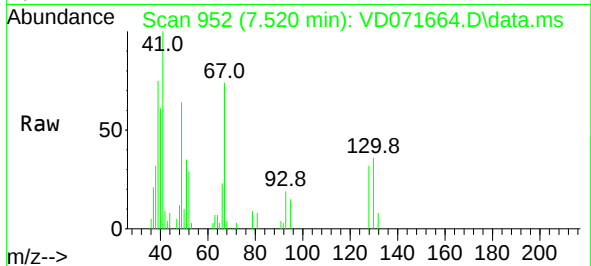
77 23.2 19.4 29.0





#41
Methacrylonitrile
Concen: 18.140 ug/l m
RT: 7.520 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD071664.D
Acq: 10 Jan 2022 18:23

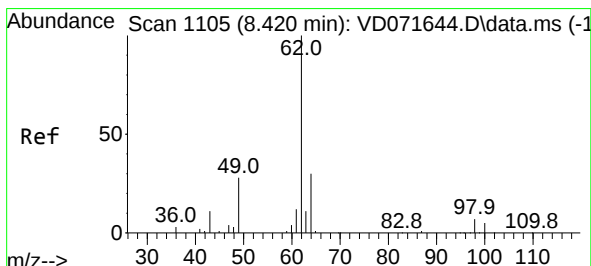
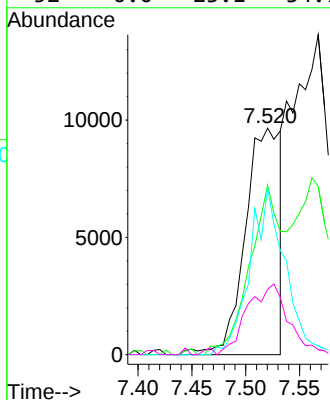
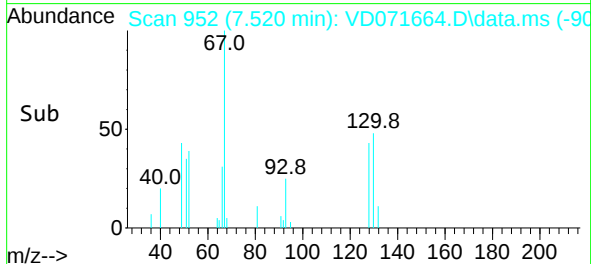
Instrument :
MSVOA_D
ClientSampleId :
VD0110SBSD01



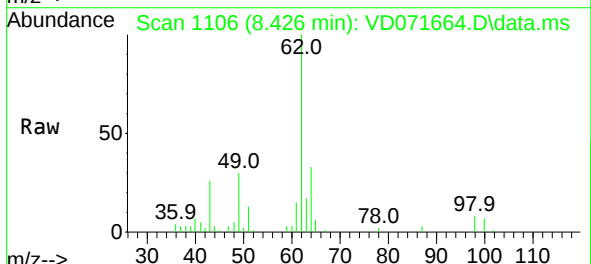
Tgt Ion: 41 Resp: 22124
Ion Ratio Lower Upper
41 100
39 70.7 46.9 70.3
67 0.0 49.3 73.9
52 0.0 23.1 34.7

Manual Integrations
APPROVED

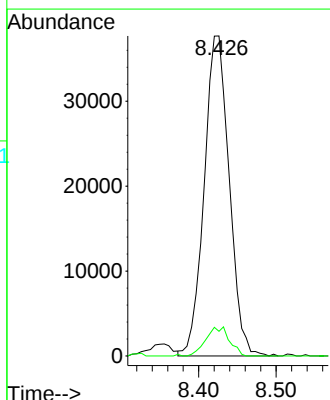
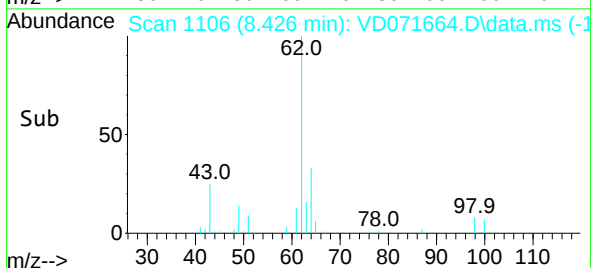
Reviewed By :John Carlone 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022

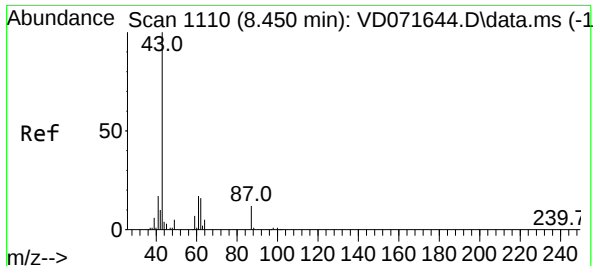


#42
1,2-Dichloroethane
Concen: 20.420 ug/l
RT: 8.426 min Scan# 1106
Delta R.T. 0.006 min
Lab File: VD071664.D
Acq: 10 Jan 2022 18:23



Tgt Ion: 62 Resp: 84610
Ion Ratio Lower Upper
62 100
98 8.5 0.0 15.4





#43

Isopropyl Acetate

Concen: 21.971 ug/l

RT: 8.450 min Scan# 1110

Delta R.T. 0.001 min

Lab File: VD071664.D

Acq: 10 Jan 2022 18:23

Instrument :

MSVOA_D

ClientSampleId :

VD0110SBSD01

Tgt Ion: 43 Resp: 85279

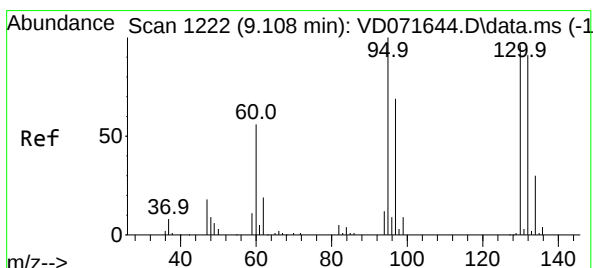
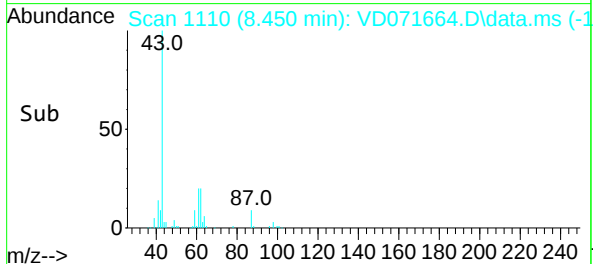
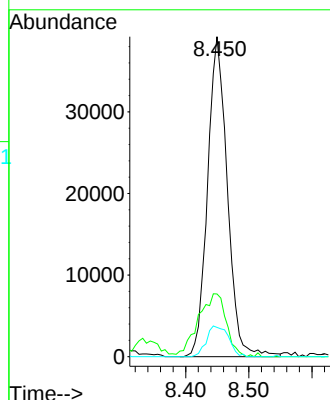
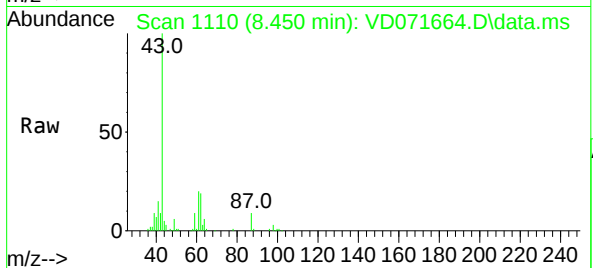
Ion	Ratio	Lower	Upper
43	100		
61	27.8	21.9	32.9
87	10.7	8.9	13.3

Manual Integrations

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Reviewed By :John Carlone 01/12/2022

Supervised By :Mahesh Dadoda 01/12/2022



#44

Trichloroethene

Concen: 20.261 ug/l

RT: 9.114 min Scan# 1223

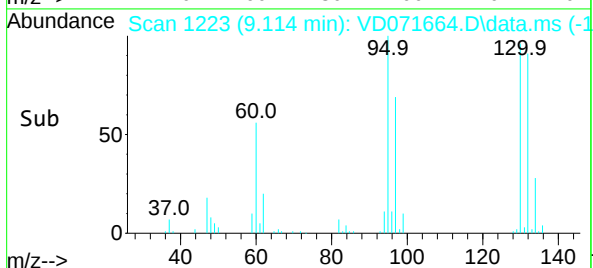
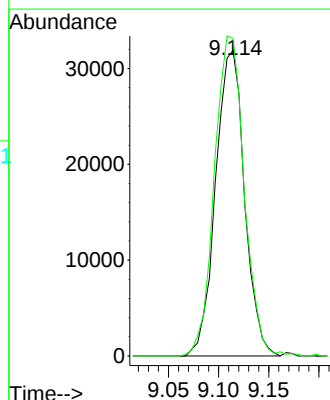
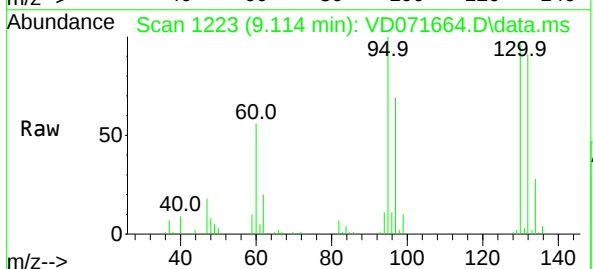
Delta R.T. 0.000 min

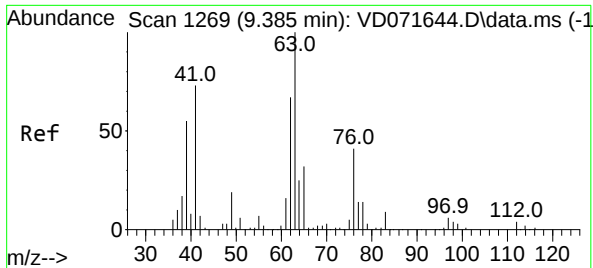
Lab File: VD071664.D

Acq: 10 Jan 2022 18:23

Tgt Ion:130 Resp: 63824

Ion	Ratio	Lower	Upper
130	100		
95	103.9	0.0	214.4





#45

1,2-Dichloropropane

Concen: 20.950 ug/l

RT: 9.385 min Scan# 1269

Delta R.T. -0.000 min

Lab File: VD071664.D

Acq: 10 Jan 2022 18:23

Instrument :

MSVOA_D

ClientSampleId :

VD0110SBSD01

Tgt Ion: 63 Resp: 69324

Ion Ratio Lower Upper

63 100

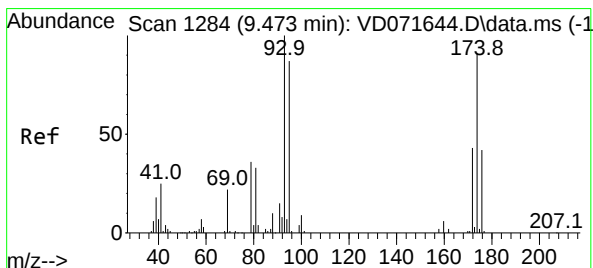
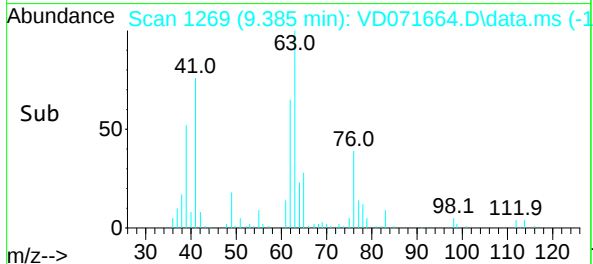
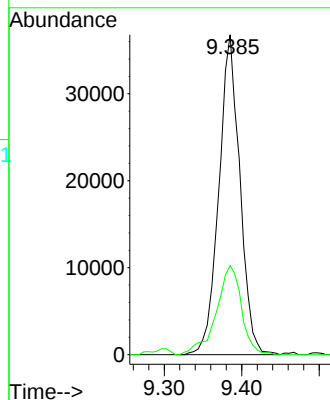
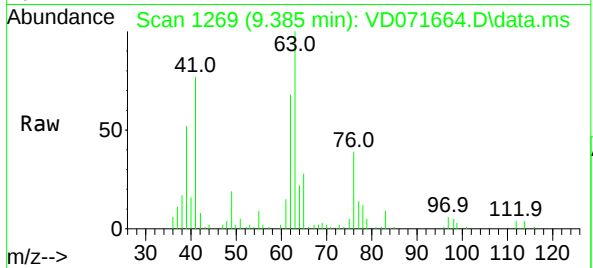
65 27.9 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/12/2022

Supervised By :Mahesh Dadoda 01/12/2022



#46

Dibromomethane

Concen: 21.689 ug/l

RT: 9.473 min Scan# 1284

Delta R.T. 0.000 min

Lab File: VD071664.D

Acq: 10 Jan 2022 18:23

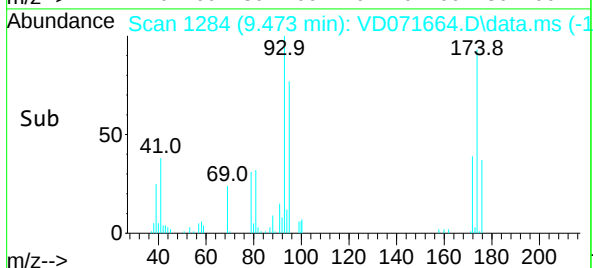
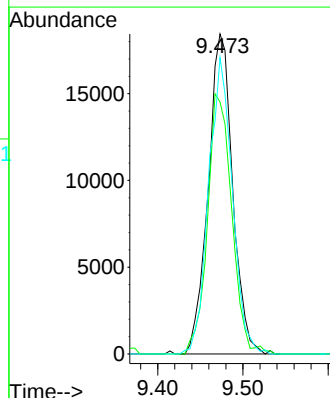
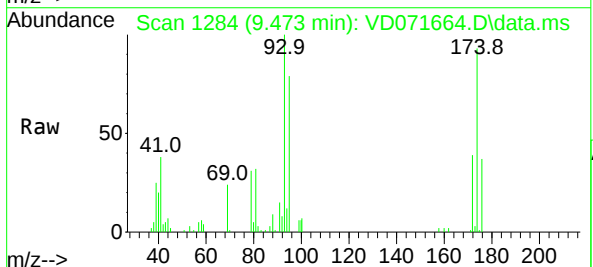
Tgt Ion: 93 Resp: 36734

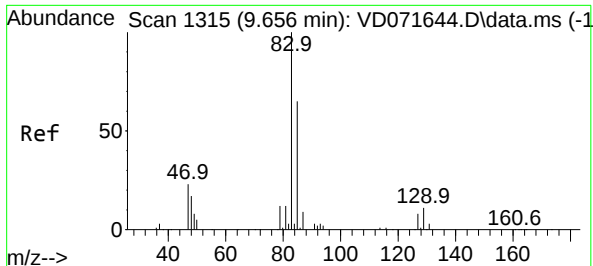
Ion Ratio Lower Upper

93 100

95 80.8 65.1 97.7

174 90.1 68.1 102.1





#47

Bromodichloromethane

Concen: 21.066 ug/l

RT: 9.655 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD071664.D

Acq: 10 Jan 2022 18:23

Instrument :

MSVOA_D

ClientSampleId :

VD0110SBSD01

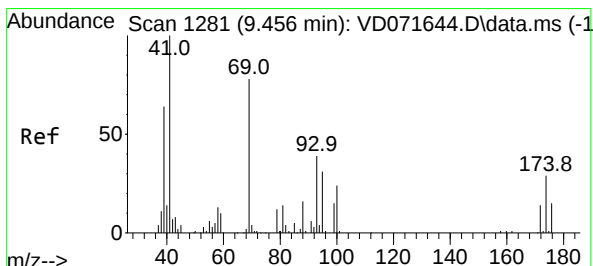
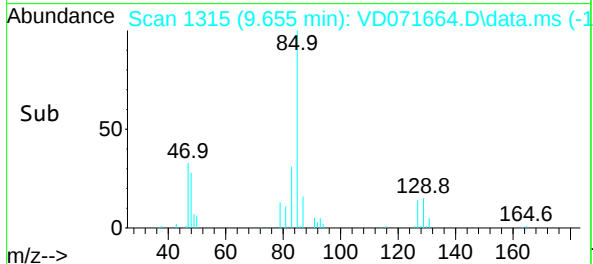
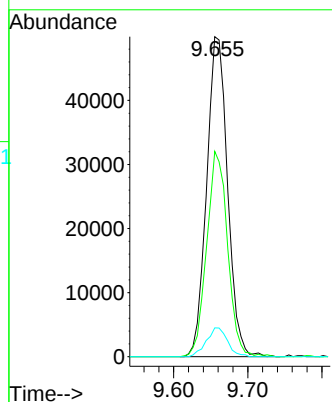
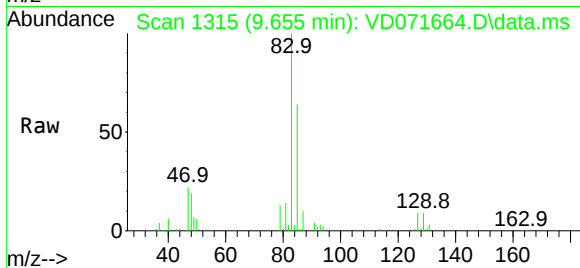
Tgt Ion: 83	Resp: 9795
Ion Ratio	Lower Upper
83 100	
85 64.2	50.6 75.8
127 9.0	6.1 9.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/12/2022

Supervised By :Mahesh Dadoda 01/12/2022



#48

Methyl methacrylate

Concen: 19.103 ug/l

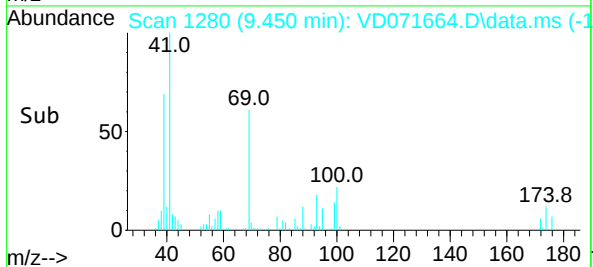
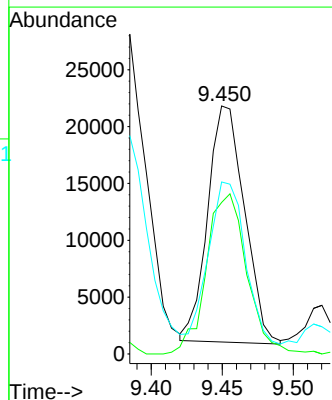
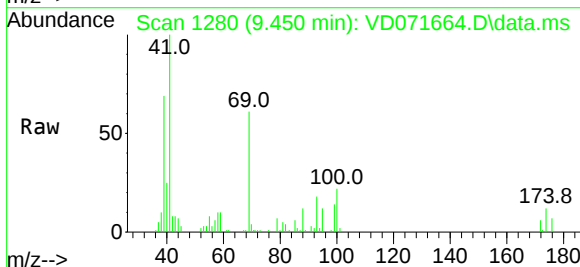
RT: 9.450 min Scan# 1280

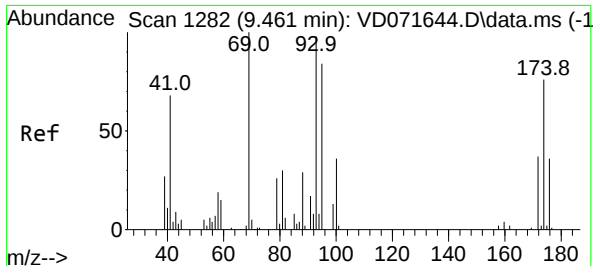
Delta R.T. -0.005 min

Lab File: VD071664.D

Acq: 10 Jan 2022 18:23

Tgt Ion: 41	Resp: 37469
Ion Ratio	Lower Upper
41 100	
69 74.8	59.5 89.3
39 78.5	56.0 84.0





#49

1,4-Dioxane

Concen: 396.518 ug/l

RT: 9.461 min Scan# 1282

Delta R.T. 0.006 min

Lab File: VD071664.D

Acq: 10 Jan 2022 18:23

Instrument :

MSVOA_D

ClientSampleId :

VD0110SBSD01

Tgt Ion: 88 Resp: 673

Ion Ratio Lower Upper

88 100

43 44.0 34.6 52.0

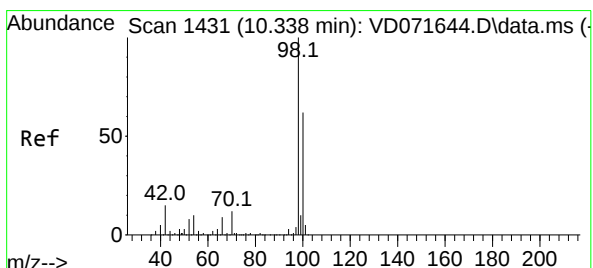
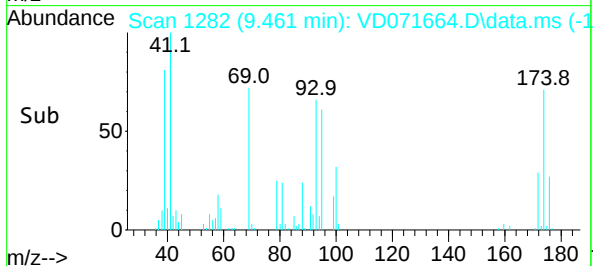
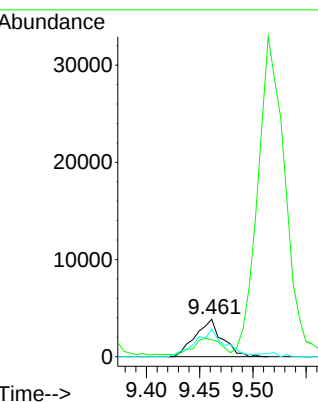
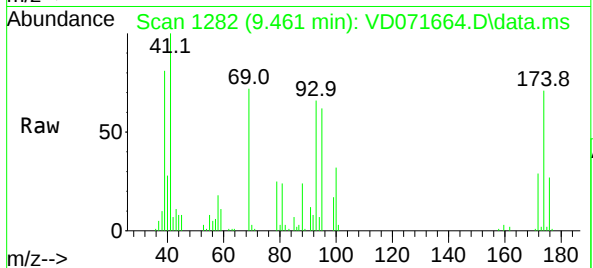
58 78.9 62.0 93.0

Manual Integrations

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Reviewed By :John Carlone 01/12/2022

Supervised By :Mahesh Dadoda 01/12/2022



#50

Toluene-d8

Concen: 55.394 ug/l

RT: 10.338 min Scan# 1431

Delta R.T. 0.001 min

Lab File: VD071664.D

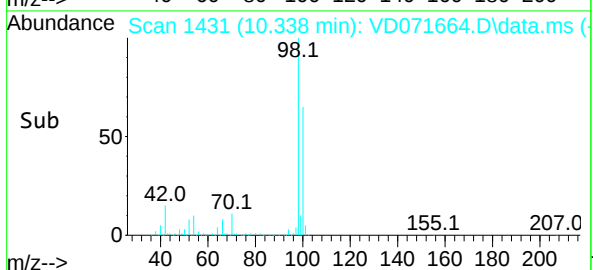
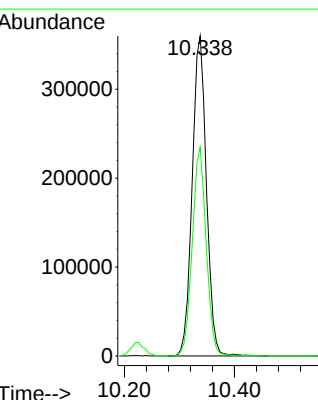
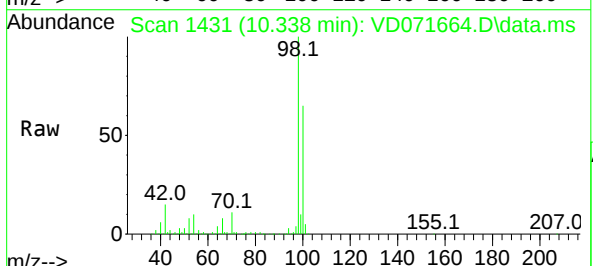
Acq: 10 Jan 2022 18:23

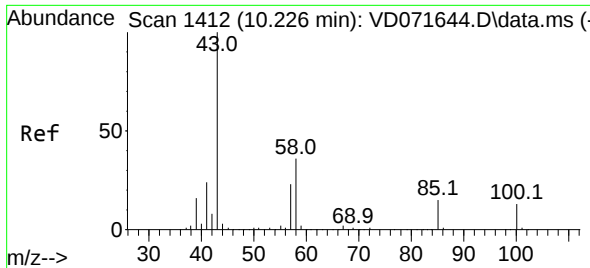
Tgt Ion: 98 Resp: 645817

Ion Ratio Lower Upper

98 100

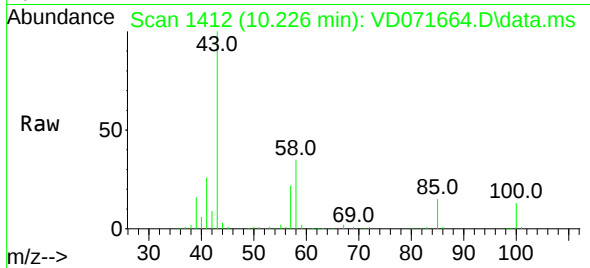
100 64.0 52.1 78.1





#51
4-Methyl-2-Pentanone
Concen: 104.617 ug/l
RT: 10.226 min Scan# 1412
Delta R.T. 0.000 min
Lab File: VD071664.D
Acq: 10 Jan 2022 18:23

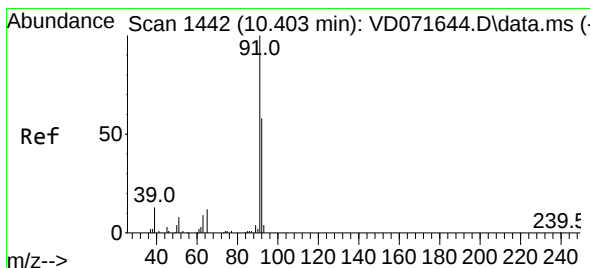
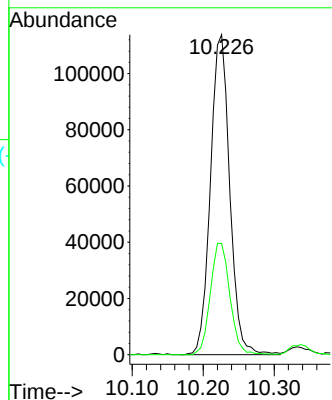
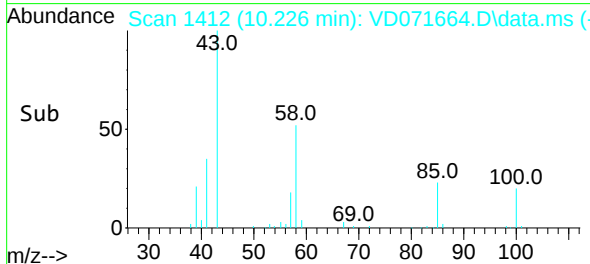
Instrument :
MSVOA_D
ClientSampleId :
VD0110SBSD01



Tgt Ion: 43 Resp: 21448
Ion Ratio Lower Upper
43 100
58 35.3 28.2 42.2

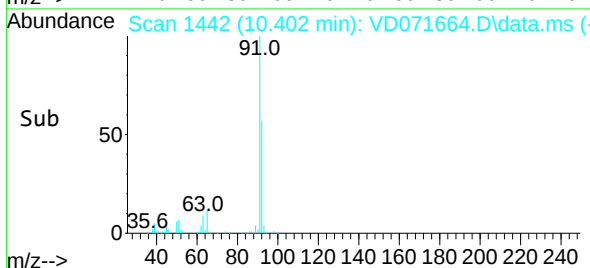
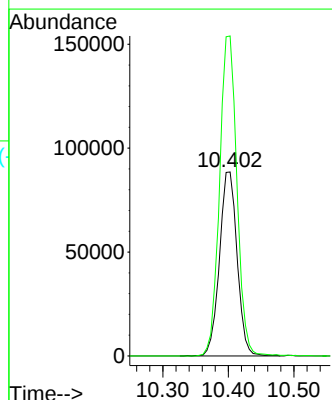
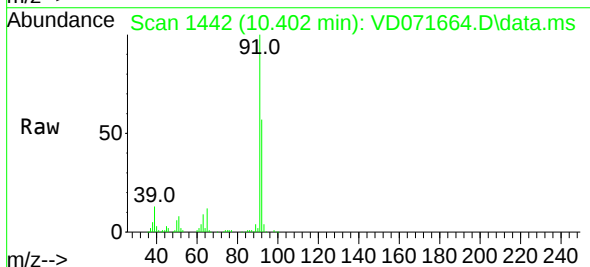
Manual Integrations
APPROVED

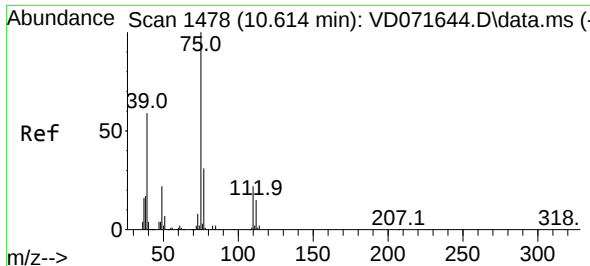
Reviewed By :John Carlone 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022



#52
Toluene
Concen: 21.380 ug/l
RT: 10.402 min Scan# 1442
Delta R.T. 0.000 min
Lab File: VD071664.D
Acq: 10 Jan 2022 18:23

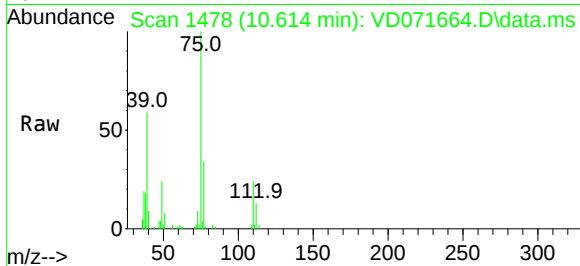
Tgt Ion: 92 Resp: 164737
Ion Ratio Lower Upper
92 100
91 171.7 137.3 205.9





#53
 t-1,3-Dichloropropene
 Concen: 20.909 ug/l
 RT: 10.614 min Scan# 1478
 Delta R.T. 0.000 min
 Lab File: VD071664.D
 Acq: 10 Jan 2022 18:23

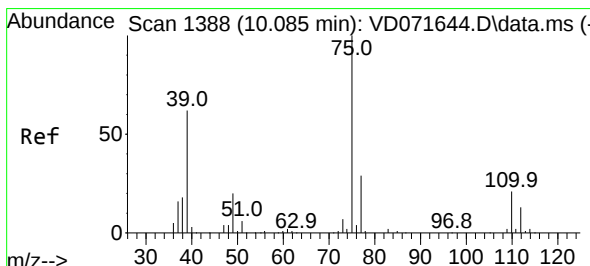
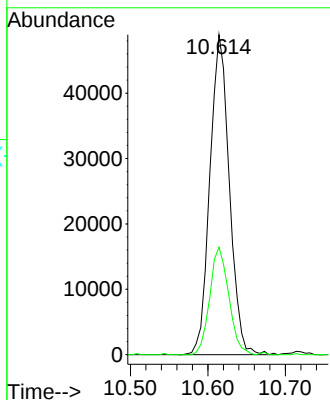
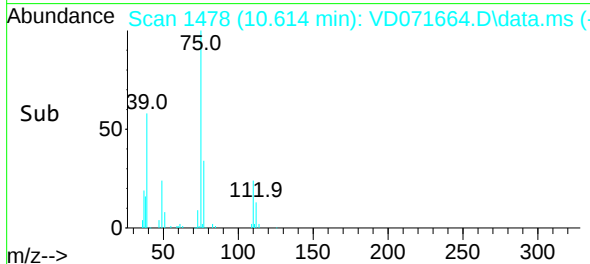
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0110SBSD01



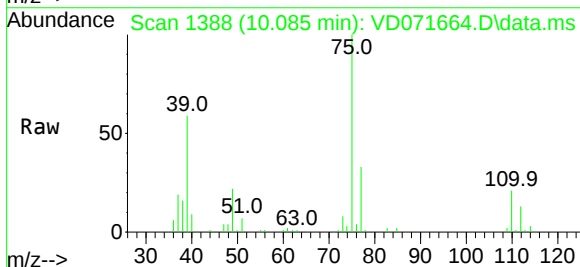
Tgt Ion: 75 Resp: 8529
 Ion Ratio Lower Upper
 75 100
 77 33.6 24.2 36.2

Manual Integrations
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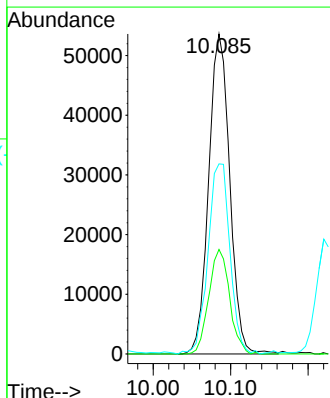
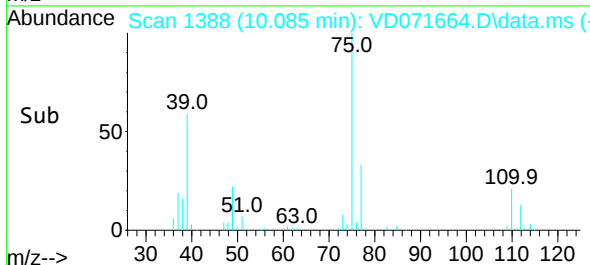
Reviewed By :John Carlone 01/12/2022
 Supervised By :Mahesh Dadoda 01/12/2022

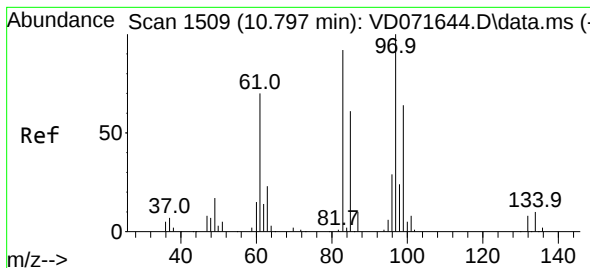


#54
 cis-1,3-Dichloropropene
 Concen: 21.040 ug/l
 RT: 10.085 min Scan# 1388
 Delta R.T. -0.000 min
 Lab File: VD071664.D
 Acq: 10 Jan 2022 18:23



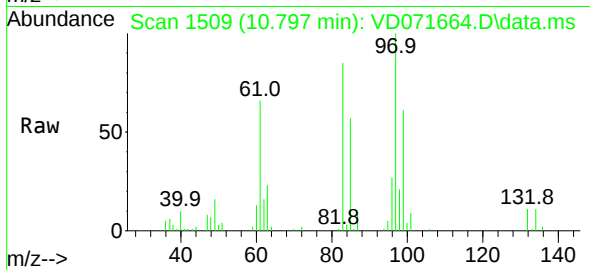
Tgt Ion: 75 Resp: 101196
 Ion Ratio Lower Upper
 75 100
 77 32.7 25.0 37.6
 39 59.4 49.8 74.8





#55
1,1,2-Trichloroethane
Concen: 21.510 ug/l
RT: 10.797 min Scan# 1509
Delta R.T. 0.001 min
Lab File: VD071664.D
Acq: 10 Jan 2022 18:23

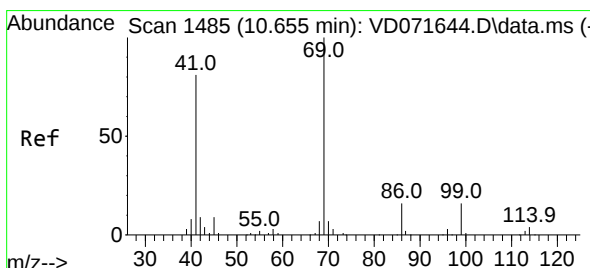
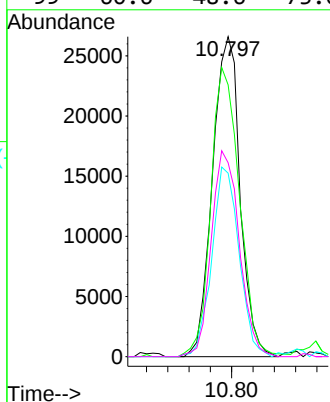
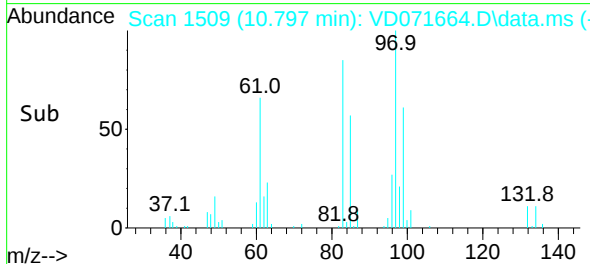
Instrument :
MSVOA_D
ClientSampleId :
VD0110SBSD01



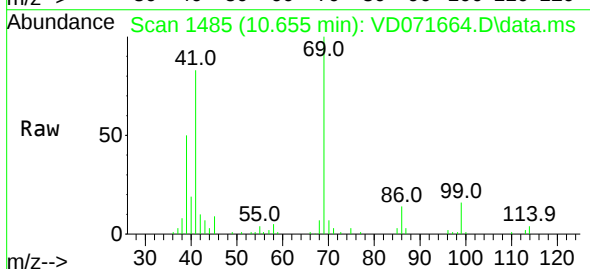
Tgt Ion: 97 Resp: 47760
Ion Ratio Lower Upper
97 100
83 84.9 68.1 102.1
85 57.3 46.8 70.2
99 60.6 48.6 73.0

Manual Integrations
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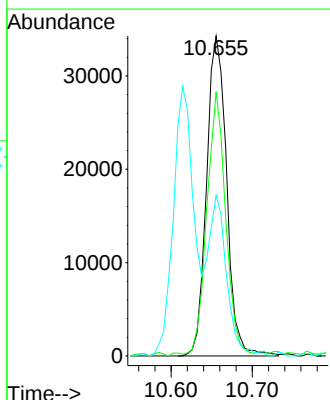
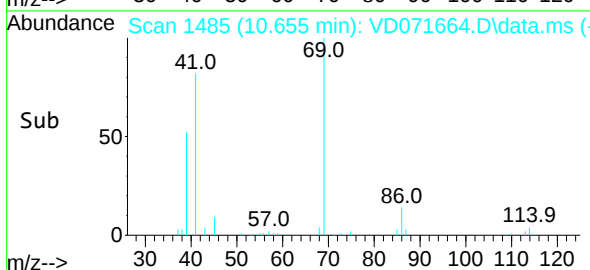
Reviewed By :John Carlone 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022

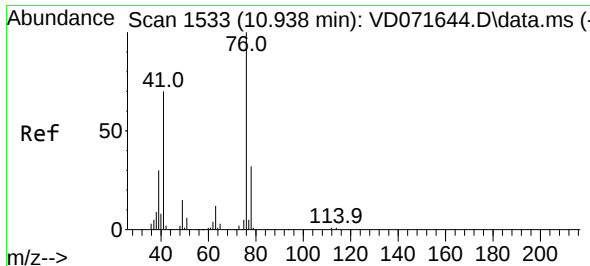


#56
Ethyl methacrylate
Concen: 21.633 ug/l
RT: 10.655 min Scan# 1485
Delta R.T. 0.000 min
Lab File: VD071664.D
Acq: 10 Jan 2022 18:23



Tgt Ion: 69 Resp: 58877
Ion Ratio Lower Upper
69 100
41 78.3 65.8 98.6
39 46.2 38.7 58.1





#57

1,3-Dichloropropane

Concen: 21.604 ug/l

RT: 10.944 min Scan# 1533

Delta R.T. 0.001 min

Lab File: VD071664.D

Acq: 10 Jan 2022 18:23

Instrument :

MSVOA_D

ClientSampleId :

VD0110SBSD01

Tgt Ion: 76 Resp: 8864

Ion Ratio Lower Upper

76 100

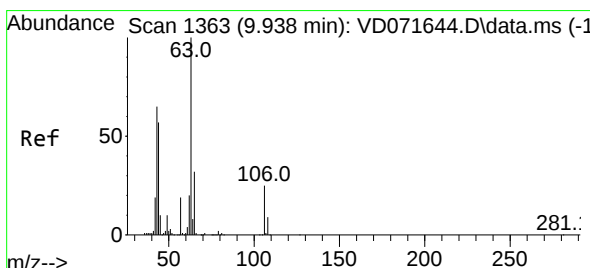
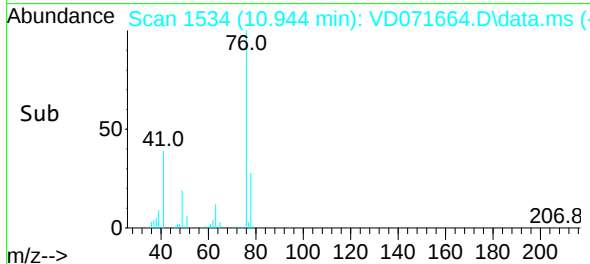
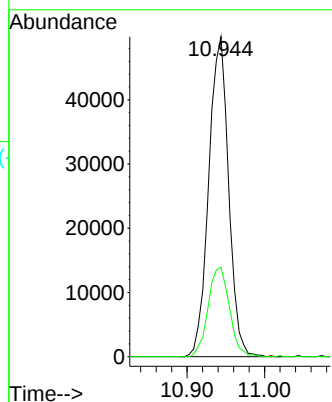
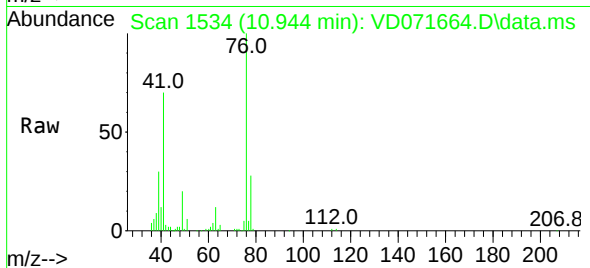
78 30.0 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/12/2022

Supervised By :Mahesh Dadoda 01/12/2022



#58

2-Chloroethyl Vinyl ether

Concen: 104.251 ug/l

RT: 9.938 min Scan# 1363

Delta R.T. 0.001 min

Lab File: VD071664.D

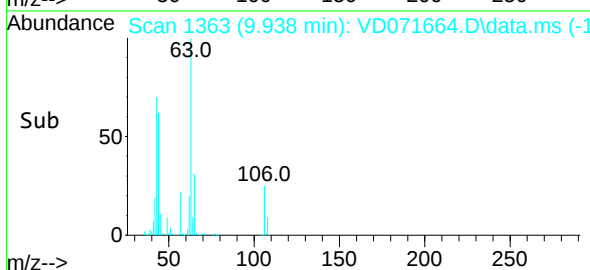
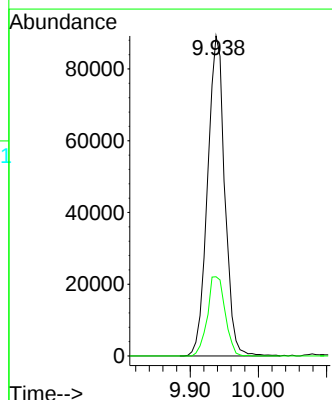
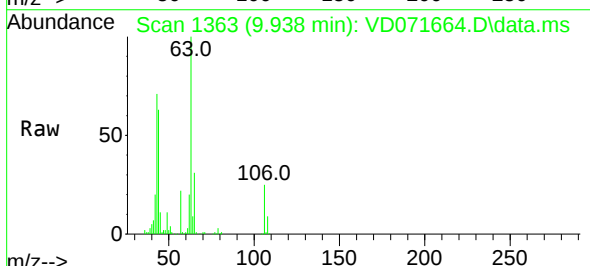
Acq: 10 Jan 2022 18:23

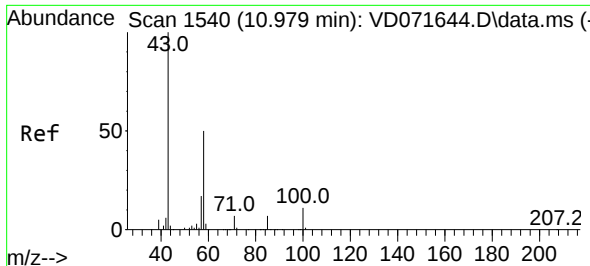
Tgt Ion: 63 Resp: 156631

Ion Ratio Lower Upper

63 100

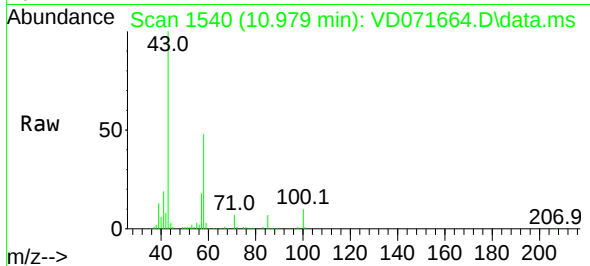
106 25.5 20.7 31.1





#59
2-Hexanone
Concen: 104.325 ug/l
RT: 10.979 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VD071664.D
Acq: 10 Jan 2022 18:23

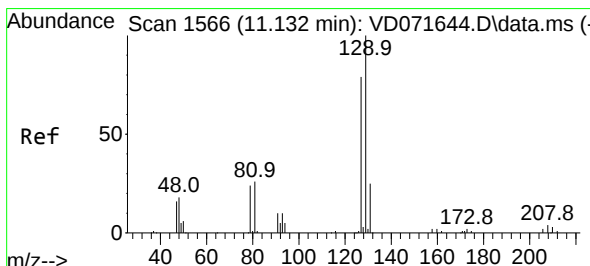
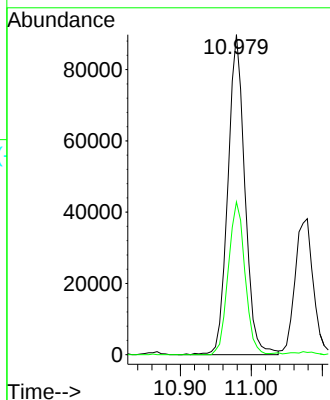
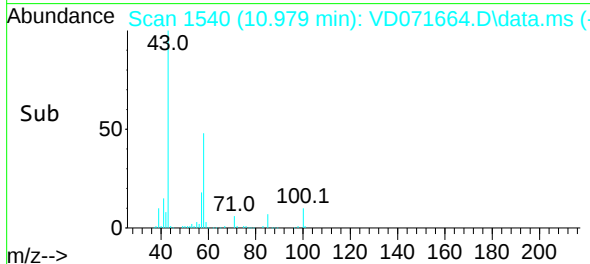
Instrument :
MSVOA_D
ClientSampleId :
VD0110SBSD01



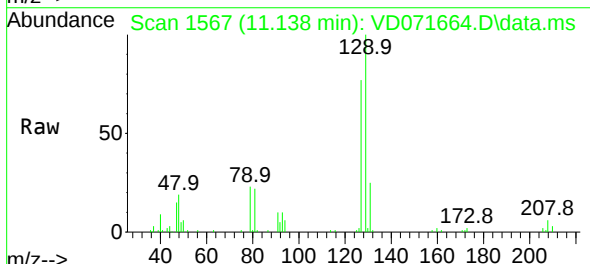
Tgt Ion: 43 Resp: 149389
Ion Ratio Lower Upper
43 100
58 46.9 24.3 72.8

Manual Integrations
APPROVED

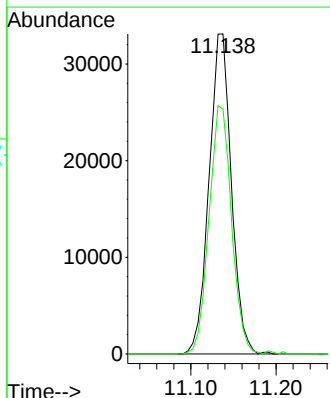
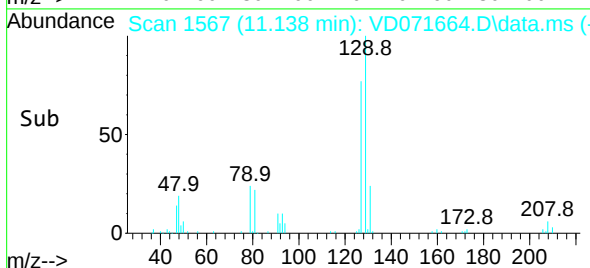
Reviewed By :John Carlone 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022

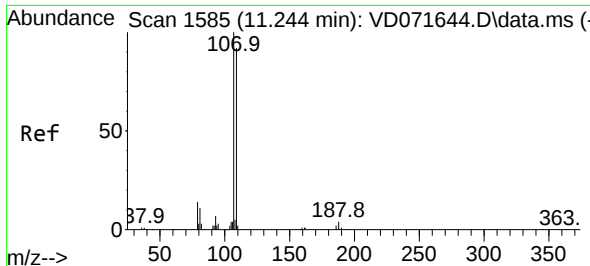


#60
Dibromochloromethane
Concen: 21.324 ug/l
RT: 11.138 min Scan# 1567
Delta R.T. 0.001 min
Lab File: VD071664.D
Acq: 10 Jan 2022 18:23



Tgt Ion:129 Resp: 60265
Ion Ratio Lower Upper
129 100
127 78.1 39.1 117.3





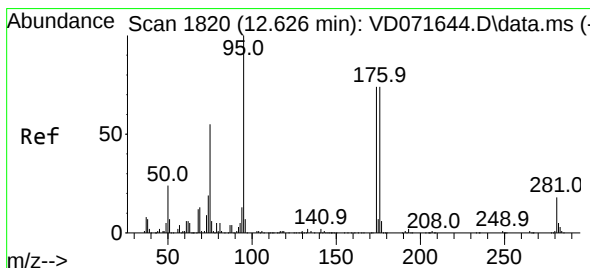
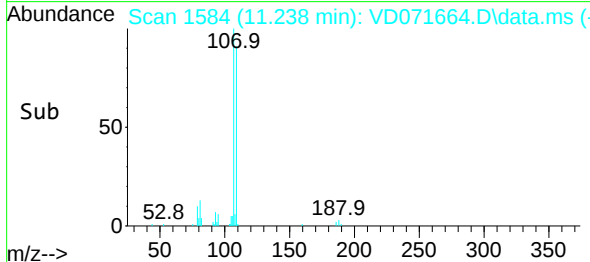
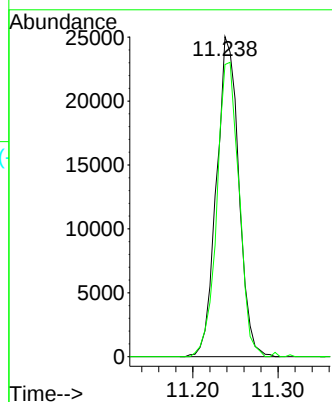
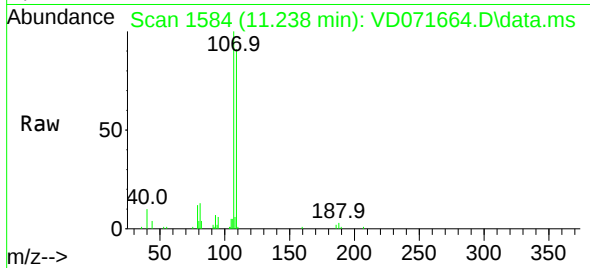
#61
1,2-Dibromoethane
Concen: 21.411 ug/l
RT: 11.238 min Scan# 11
Delta R.T. -0.005 min
Lab File: VD071664.D
Acq: 10 Jan 2022 18:23

Instrument :
MSVOA_D
ClientSampleId :
VD0110SBS01

Tgt Ion:107 Resp: 45484
Ion Ratio Lower Upper
107 100
109 91.3 76.6 114.8

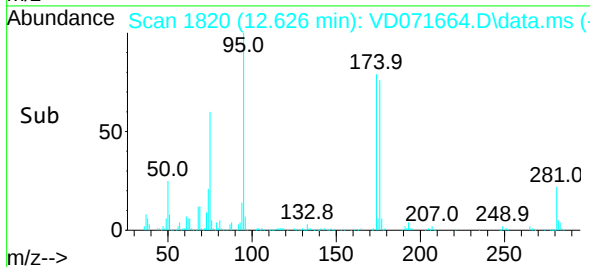
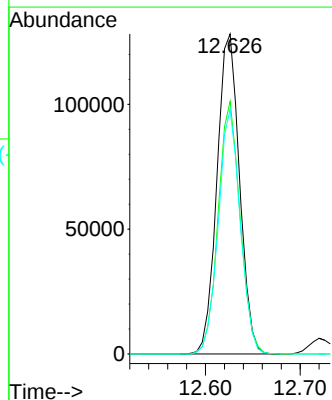
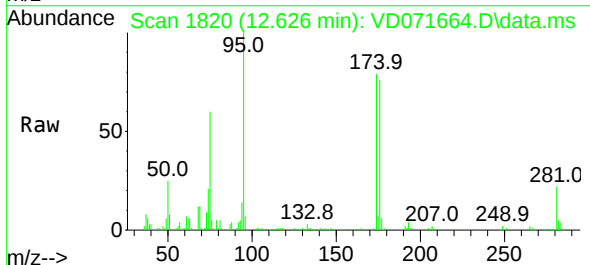
Manual Integrations
APPROVED

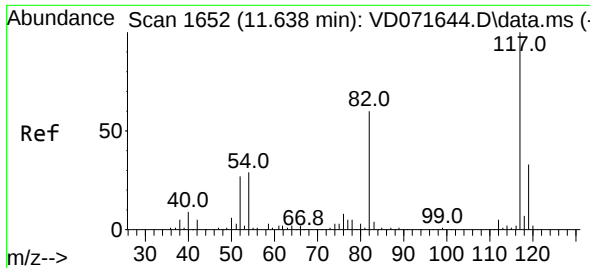
Reviewed By :John Carlone 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022



#62
4-Bromofluorobenzene
Concen: 51.613 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071664.D
Acq: 10 Jan 2022 18:23

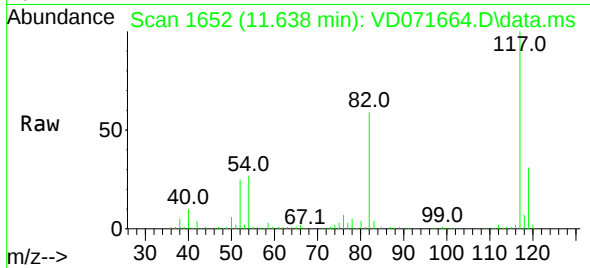
Tgt Ion: 95 Resp: 212036
Ion Ratio Lower Upper
95 100
174 76.8 0.0 150.0
176 74.2 0.0 146.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1165
Delta R.T. 0.001 min
Lab File: VD071664.D
Acq: 10 Jan 2022 18:23

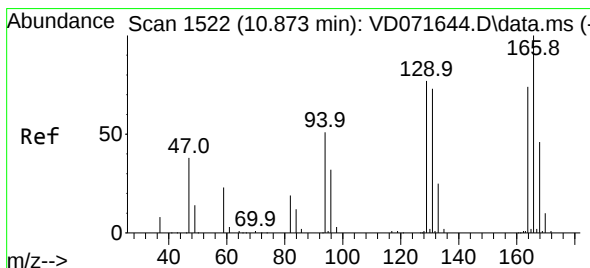
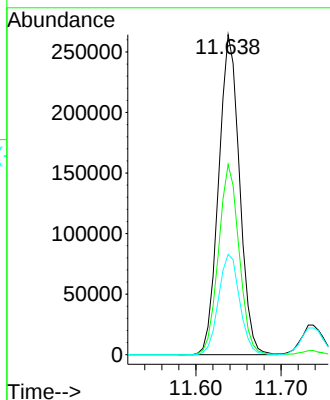
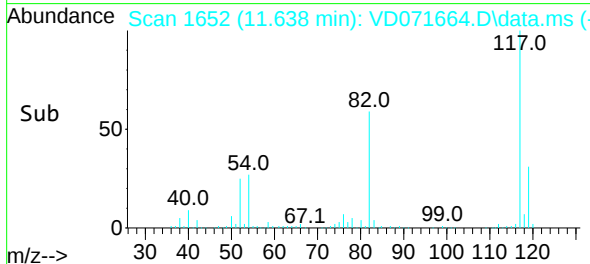
Instrument :
MSVOA_D
ClientSampleId :
VD0110SBS01



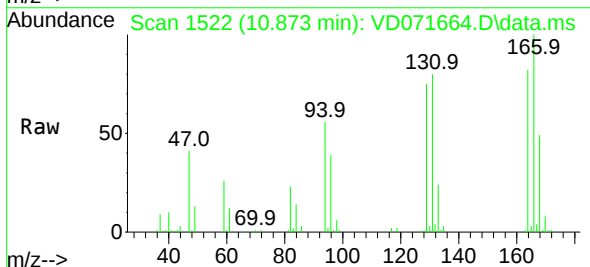
Tgt Ion:117 Resp: 45014
Ion Ratio Lower Upper
117 100
82 59.5 46.9 70.3
119 31.3 26.6 39.8

Manual Integrations
APPROVED

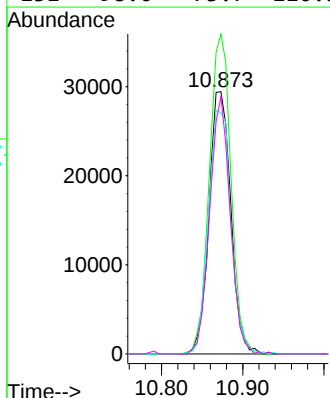
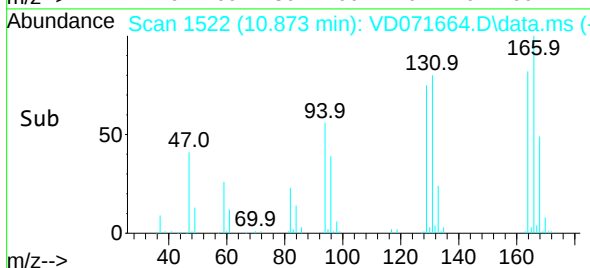
Reviewed By :John Carlone 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022

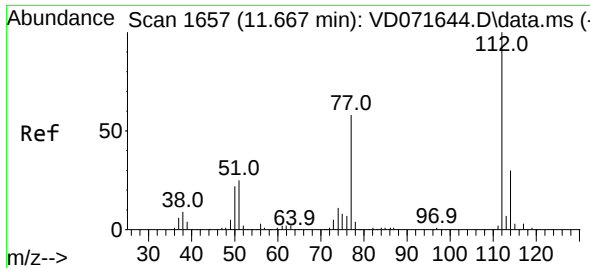


#64
Tetrachloroethene
Concen: 20.777 ug/l
RT: 10.873 min Scan# 1522
Delta R.T. 0.000 min
Lab File: VD071664.D
Acq: 10 Jan 2022 18:23



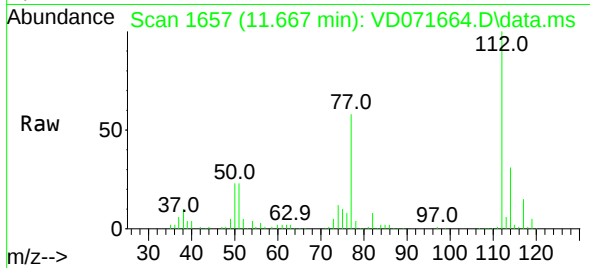
Tgt Ion:164 Resp: 54939
Ion Ratio Lower Upper
164 100
166 122.0 100.2 150.2
129 91.9 82.0 123.0
131 98.0 73.7 110.5





#65
Chlorobenzene
Concen: 19.873 ug/l
RT: 11.667 min Scan# 1657
Delta R.T. 0.000 min
Lab File: VD071664.D
Acq: 10 Jan 2022 18:23

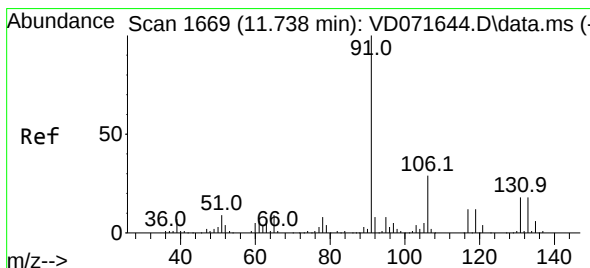
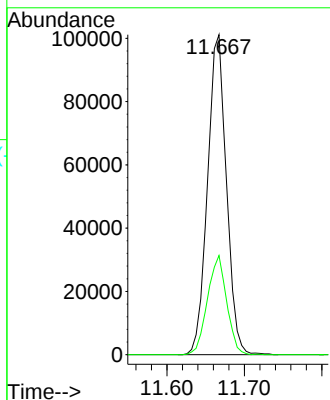
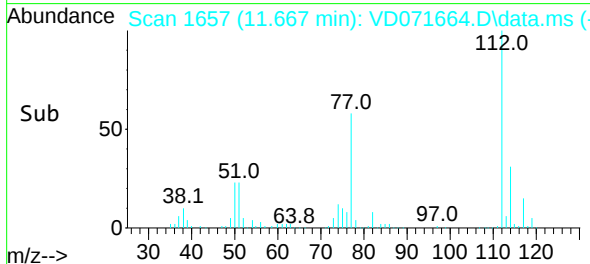
Instrument :
MSVOA_D
ClientSampleId :
VD0110SBSD01



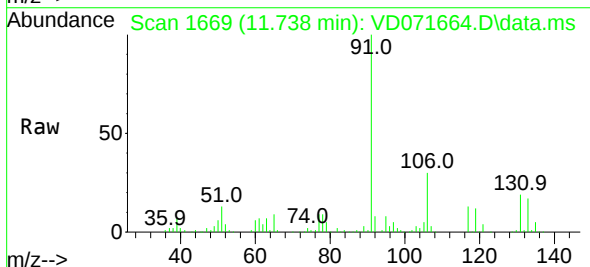
Tgt Ion:112 Resp: 17118
Ion Ratio Lower Upper
112 100
114 31.0 26.2 39.2

Manual Integrations
APPROVED

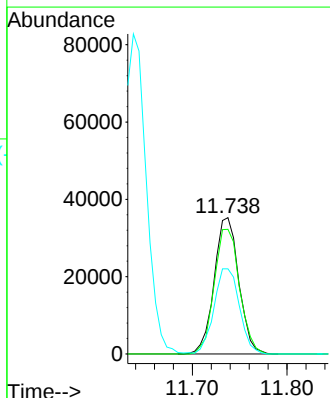
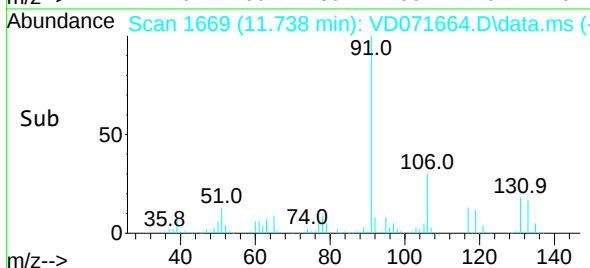
Reviewed By :John Carlone 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022

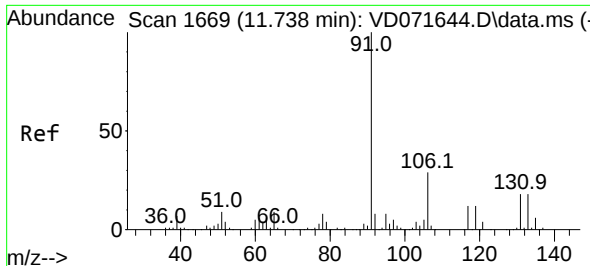


#66
1,1,1,2-Tetrachloroethane
Concen: 19.514 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. 0.001 min
Lab File: VD071664.D
Acq: 10 Jan 2022 18:23



Tgt Ion:131 Resp: 63736
Ion Ratio Lower Upper
131 100
133 94.0 48.1 144.3
119 64.8 33.8 101.4





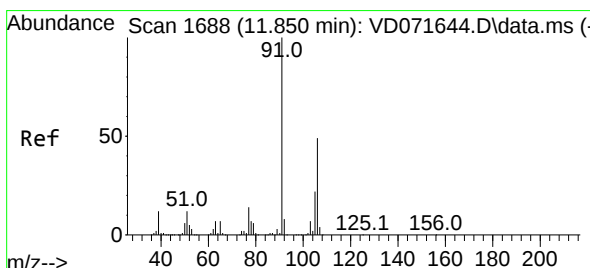
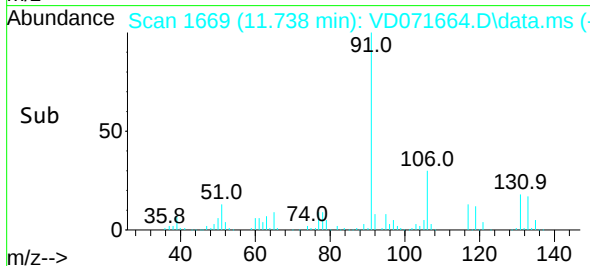
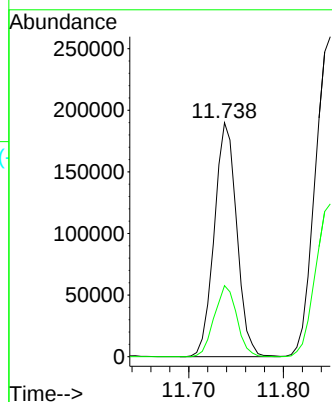
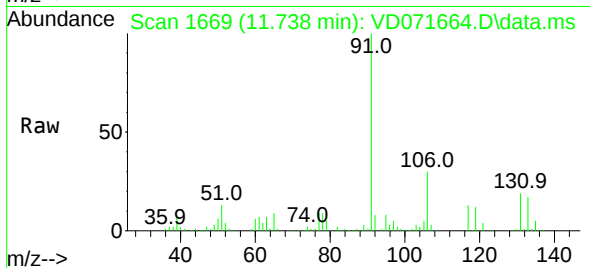
#67
Ethyl Benzene
Concen: 19.813 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. 0.001 min
Lab File: VD071664.D
Acq: 10 Jan 2022 18:23

Instrument :
MSVOA_D
ClientSampleId :
VD0110SBS01

Tgt Ion: 91 Resp: 31332
Ion Ratio Lower Upper
91 100
106 30.4 23.6 35.4

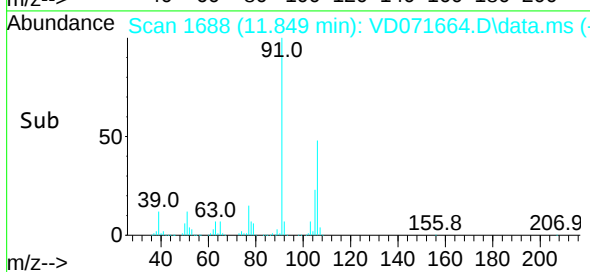
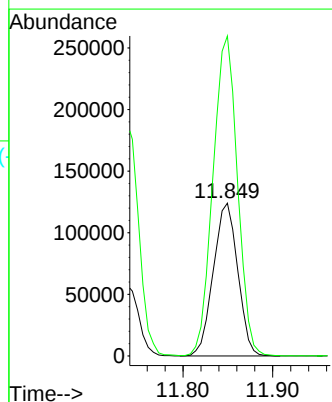
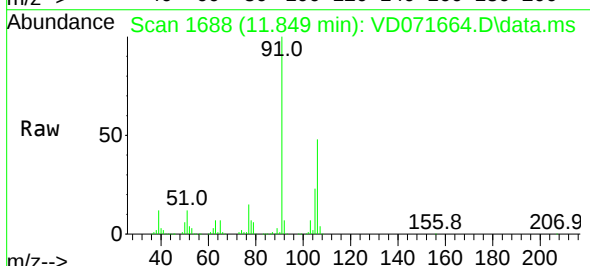
Manual Integrations
APPROVED

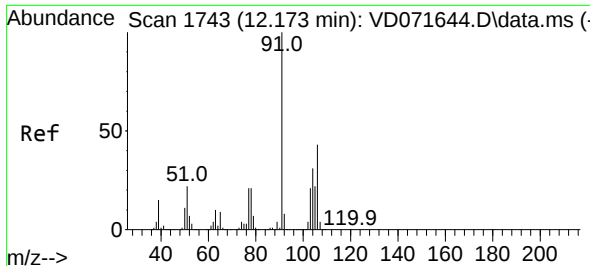
Reviewed By :John Carlone 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022



#68
m/p-Xylenes
Concen: 39.838 ug/l
RT: 11.849 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VD071664.D
Acq: 10 Jan 2022 18:23

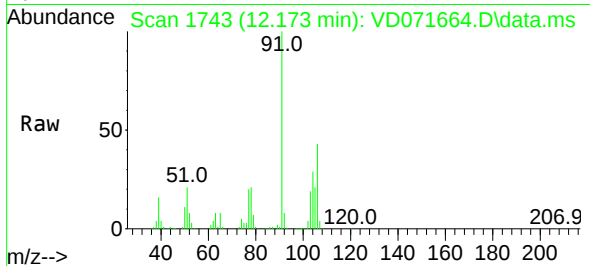
Tgt Ion:106 Resp: 234311
Ion Ratio Lower Upper
106 100
91 210.2 168.6 252.8





#69
o-Xylene
Concen: 19.541 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VD071664.D
Acq: 10 Jan 2022 18:23

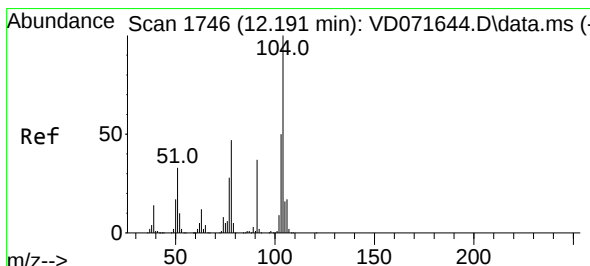
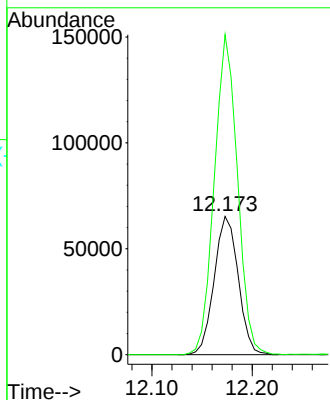
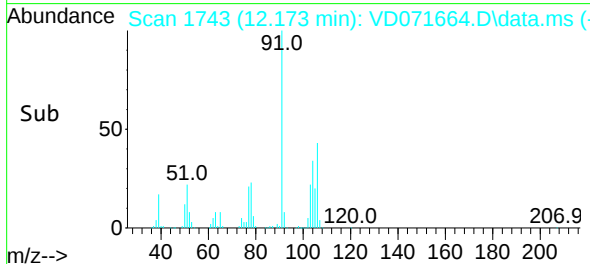
Instrument :
MSVOA_D
ClientSampleId :
VD0110SBSD01



Tgt Ion:106 Resp: 108785
Ion Ratio Lower Upper
106 100
91 222.8 110.9 332.9

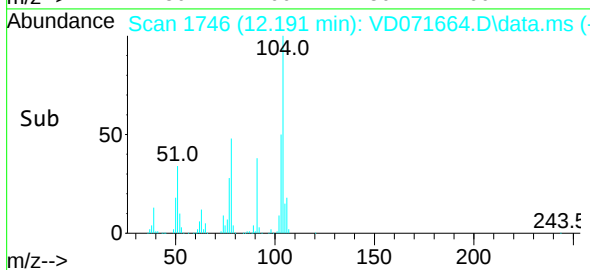
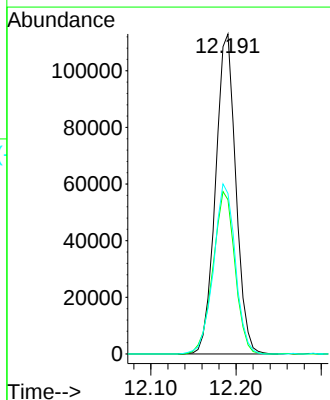
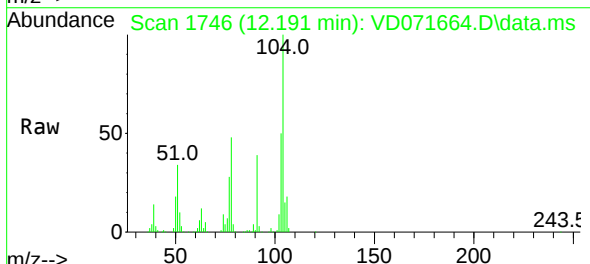
Manual Integrations
APPROVED

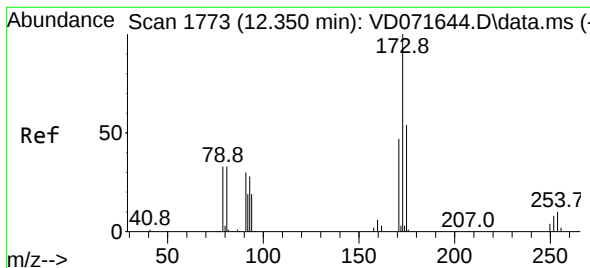
Reviewed By :John Carlone 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022



#70
Styrene
Concen: 19.611 ug/l
RT: 12.191 min Scan# 1746
Delta R.T. 0.001 min
Lab File: VD071664.D
Acq: 10 Jan 2022 18:23

Tgt Ion:104 Resp: 187131
Ion Ratio Lower Upper
104 100
78 54.8 42.8 64.2
103 57.0 43.6 65.4





#71

Bromoform

Concen: 21.205 ug/l

RT: 12.355 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VD071664.D

Acq: 10 Jan 2022 18:23

Instrument :

MSVOA_D

ClientSampleId :

VD0110SBSD01

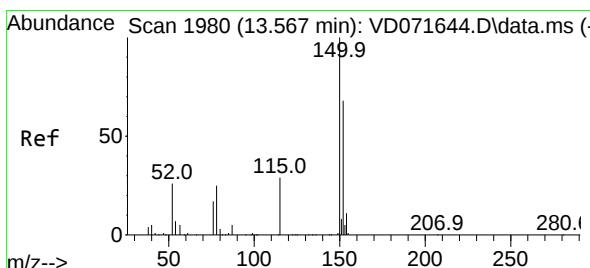
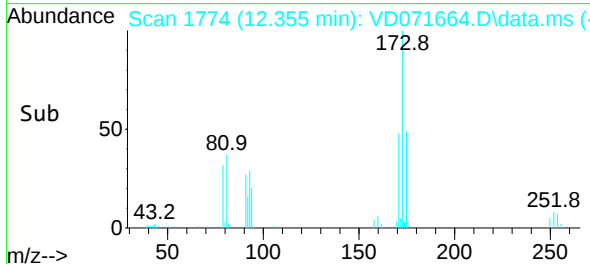
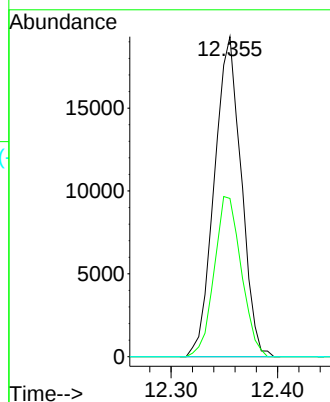
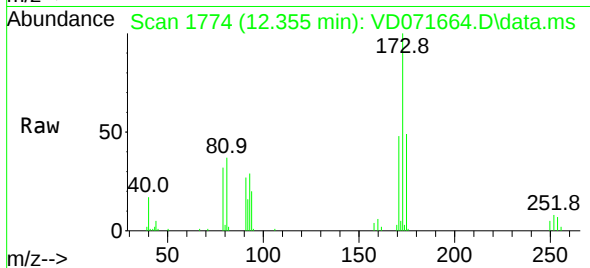
Tgt Ion:173 Resp: 33819
 Ion Ratio Lower Upper
 173 100
 175 50.4 24.4 73.2
 254 0.0 0.1 0.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/12/2022

Supervised By :Mahesh Dadoda 01/12/2022



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

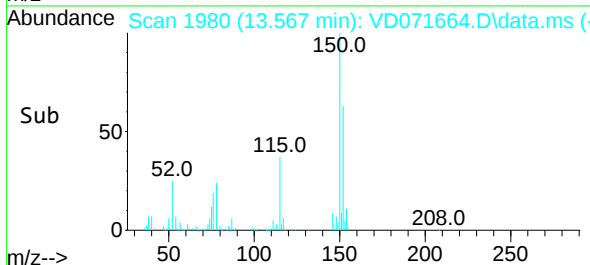
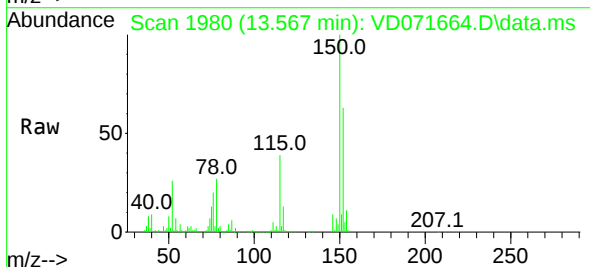
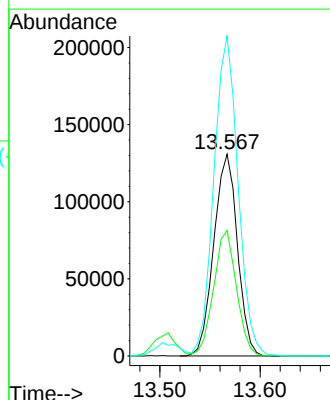
RT: 13.567 min Scan# 1980

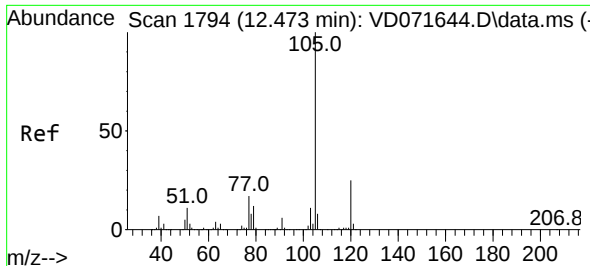
Delta R.T. 0.000 min

Lab File: VD071664.D

Acq: 10 Jan 2022 18:23

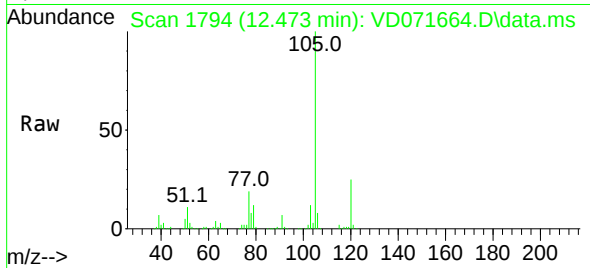
Tgt Ion:152 Resp: 213896
 Ion Ratio Lower Upper
 152 100
 115 60.2 31.5 94.5
 150 162.1 0.0 348.0





#73
Isopropylbenzene
Concen: 19.314 ug/l
RT: 12.473 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VD071664.D
Acq: 10 Jan 2022 18:23

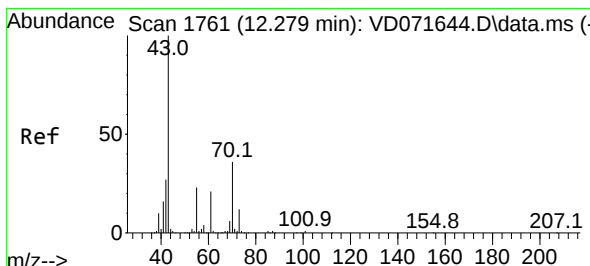
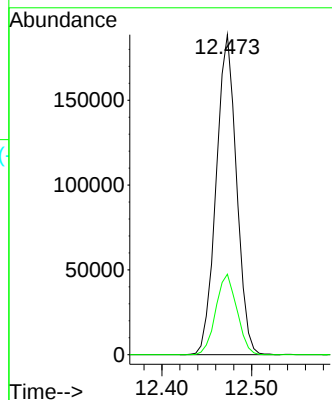
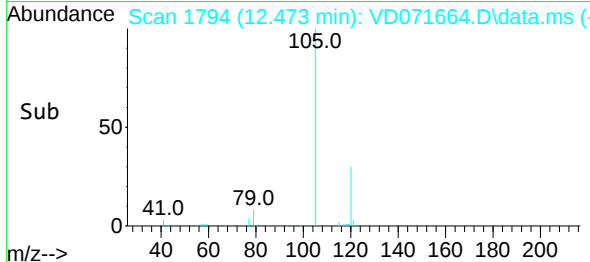
Instrument :
MSVOA_D
ClientSampleId :
VD0110SBSD01



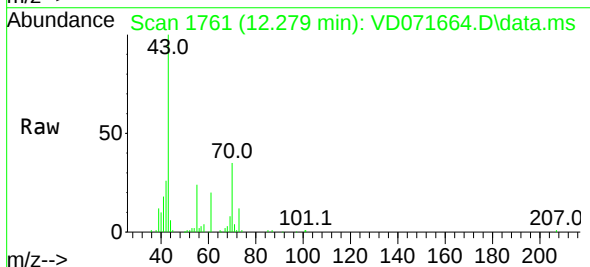
Tgt Ion:105 Resp: 29688
Ion Ratio Lower Upper
105 100
120 26.0 12.5 37.5

Manual Integrations
APPROVED

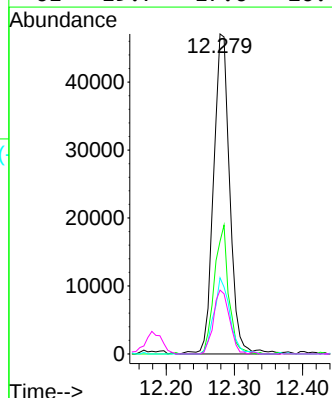
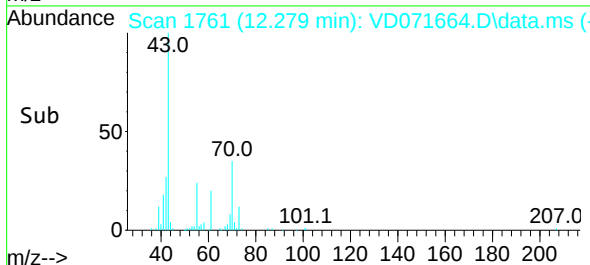
Reviewed By :John Carlone 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022

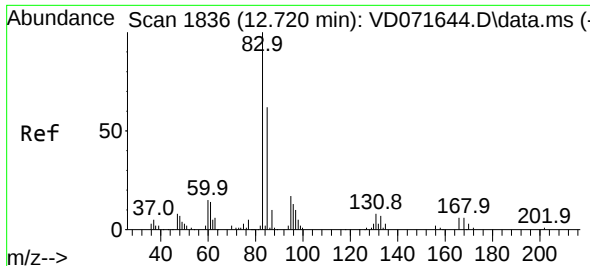


#74
N-ethyl acetate
Concen: 20.634 ug/l
RT: 12.279 min Scan# 1761
Delta R.T. 0.001 min
Lab File: VD071664.D
Acq: 10 Jan 2022 18:23



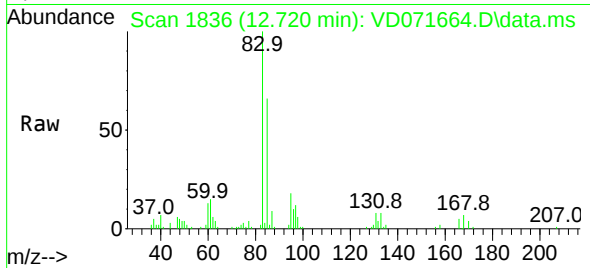
Tgt Ion: 43 Resp: 77803
Ion Ratio Lower Upper
43 100
70 35.5 29.5 44.3
55 23.4 19.1 28.7
61 19.7 17.6 26.4





#75
1,1,2,2-Tetrachloroethane
Concen: 21.041 ug/l
RT: 12.720 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VD071664.D
Acq: 10 Jan 2022 18:23

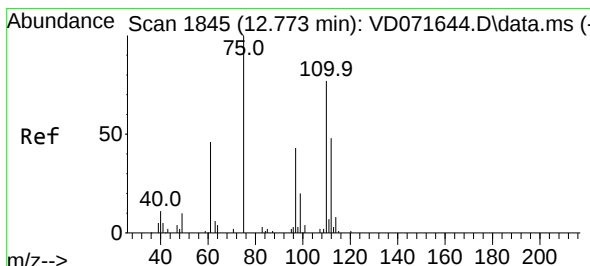
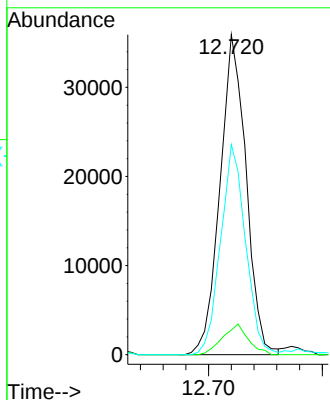
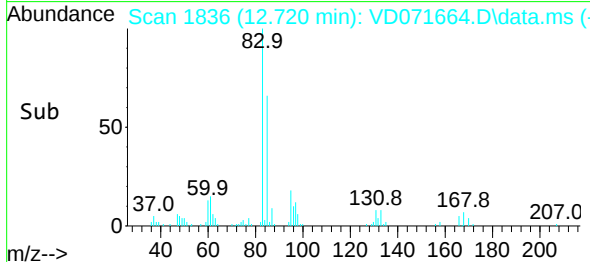
Instrument :
MSVOA_D
ClientSampleId :
VD0110SBSD01



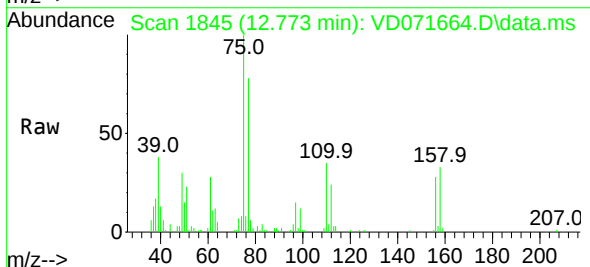
Tgt Ion: 83 Resp: 57312
Ion Ratio Lower Upper
83 100
131 9.4 5.0 14.9
85 62.8 32.2 96.6

Manual Integrations
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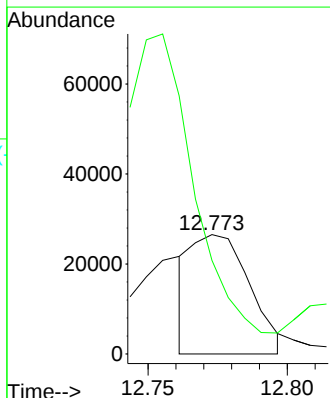
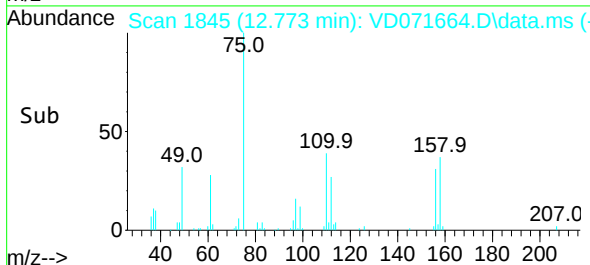
Reviewed By :John Carlone 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022

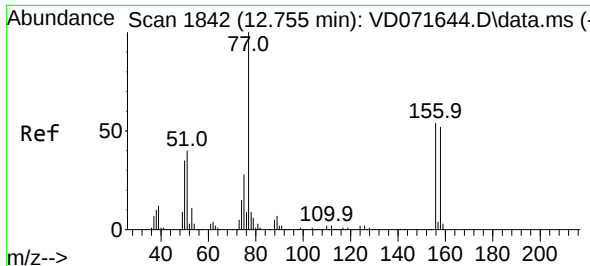


#76
1,2,3-Trichloropropane
Concen: 18.625 ug/l m
RT: 12.773 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VD071664.D
Acq: 10 Jan 2022 18:23



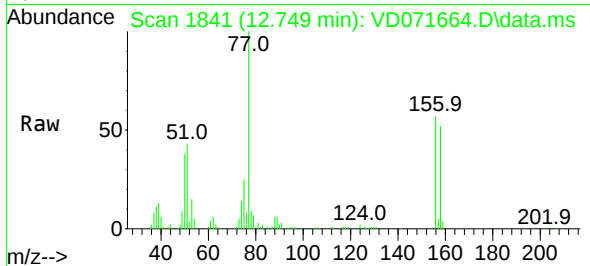
Tgt Ion: 75 Resp: 38495
Ion Ratio Lower Upper
75 100
77 361.3 0.0 0.0#





#77
Bromobenzene
Concen: 20.426 ug/l
RT: 12.749 min Scan# 1841
Delta R.T. -0.006 min
Lab File: VD071664.D
Acq: 10 Jan 2022 18:23

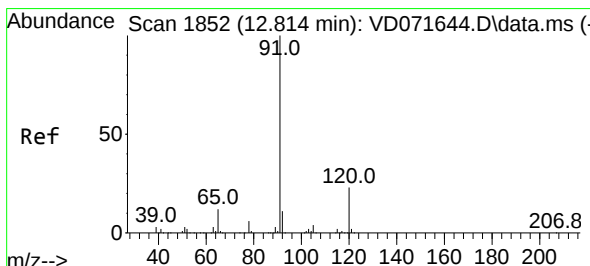
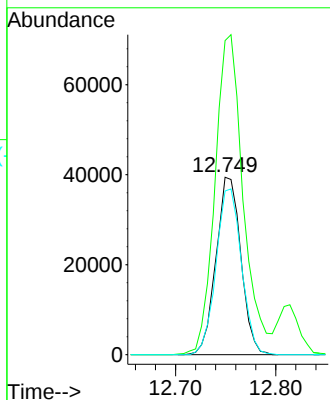
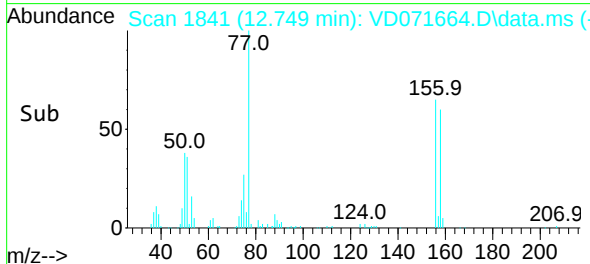
Instrument :
MSVOA_D
ClientSampleId :
VD0110SBSD01



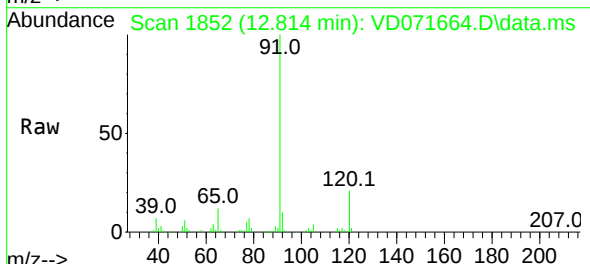
Tgt Ion:156 Resp: 67820
Ion Ratio Lower Upper
156 100
77 205.1 101.4 304.2
158 95.7 46.8 140.3

Manual Integrations
APPROVED

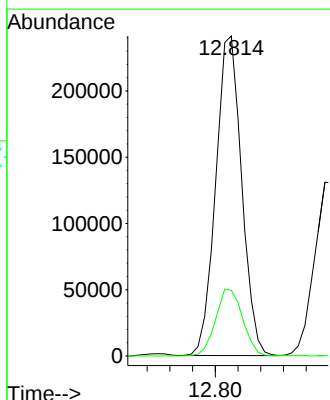
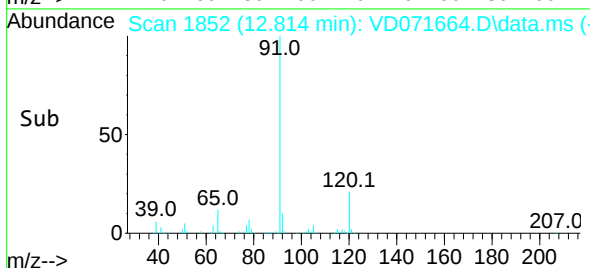
Reviewed By :John Carlone 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022

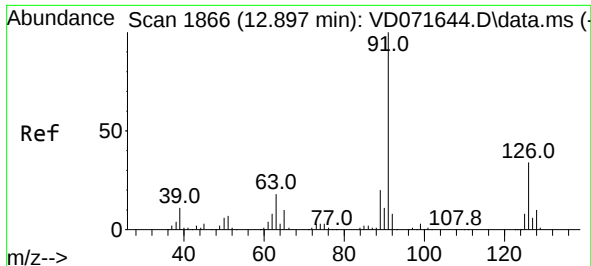


#78
n-propylbenzene
Concen: 19.759 ug/l
RT: 12.814 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VD071664.D
Acq: 10 Jan 2022 18:23



Tgt Ion: 91 Resp: 381981
Ion Ratio Lower Upper
91 100
120 21.8 10.9 32.7





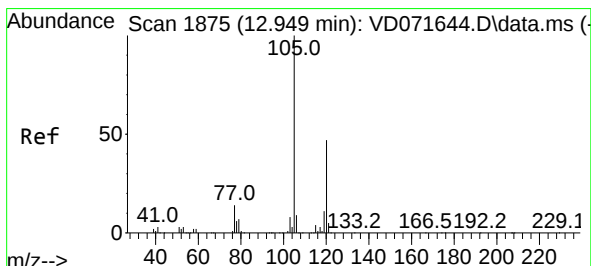
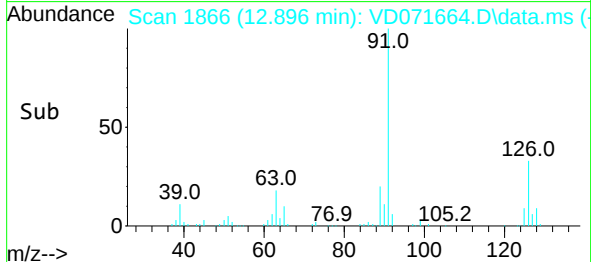
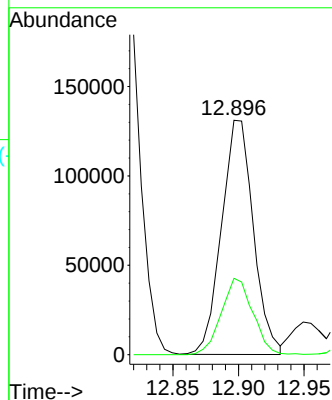
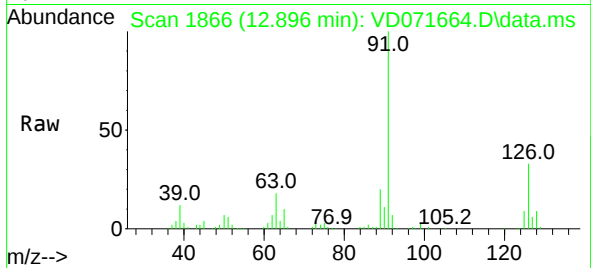
#79
2-Chlorotoluene
Concen: 20.325 ug/l
RT: 12.896 min Scan# 1866
Delta R.T. -0.006 min
Lab File: VD071664.D
Acq: 10 Jan 2022 18:23

Instrument :
MSVOA_D
ClientSampleId :
VD0110SBSD01

Tgt Ion: 91 Resp: 22145
Ion Ratio Lower Upper
91 100
126 32.3 16.7 50.0

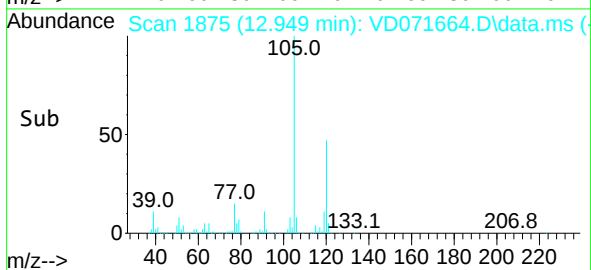
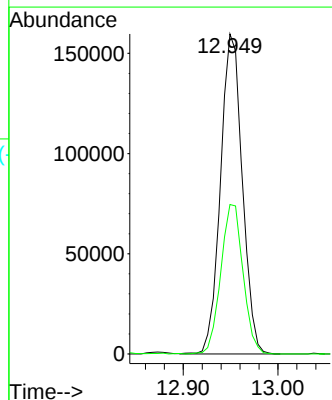
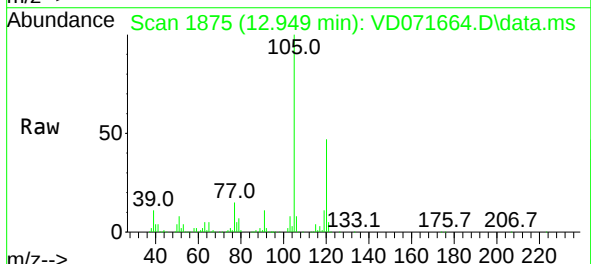
Manual Integrations
APPROVED

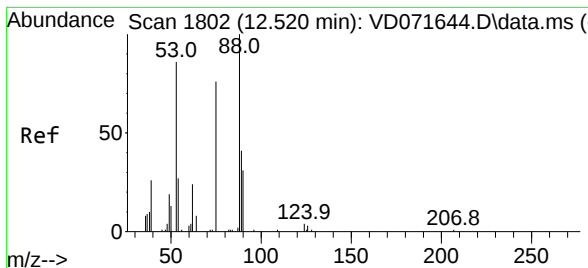
Reviewed By :John Carlone 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022



#80
1,3,5-Trimethylbenzene
Concen: 19.877 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. -0.006 min
Lab File: VD071664.D
Acq: 10 Jan 2022 18:23

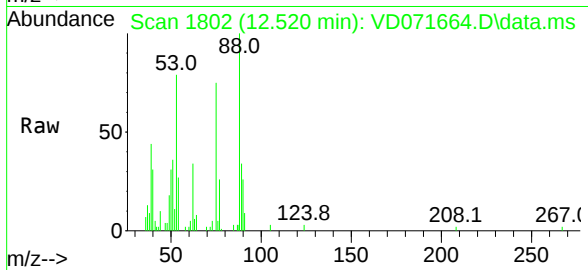
Tgt Ion:105 Resp: 255285
Ion Ratio Lower Upper
105 100
120 47.7 24.2 72.6





#81
trans-1,4-Dichloro-2-butene
Concen: 19.127 ug/l
RT: 12.520 min Scan# 1802
Delta R.T. 0.000 min
Lab File: VD071664.D
Acq: 10 Jan 2022 18:23

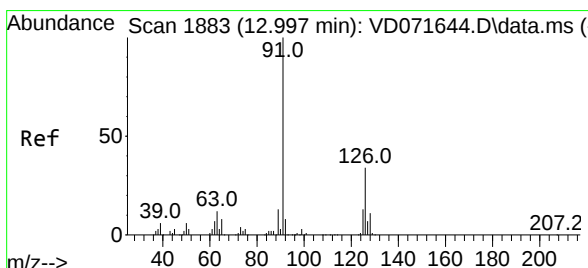
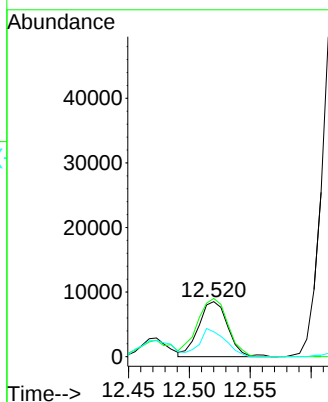
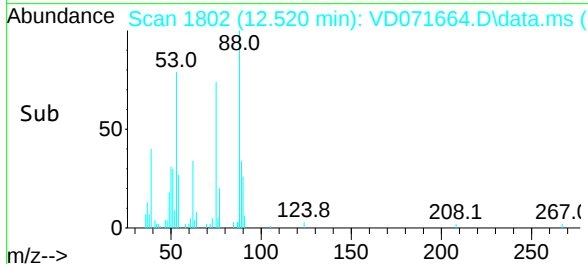
Instrument :
MSVOA_D
ClientSampleId :
VD0110SBS01



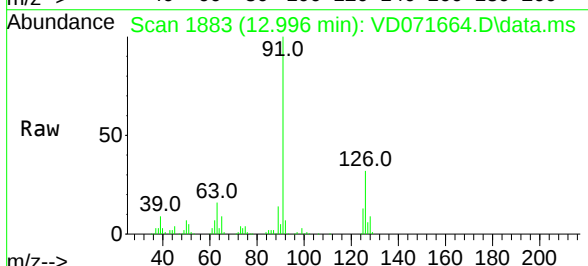
Tgt Ion: 75 Resp: 14180
Ion Ratio Lower Upper
75 100
53 111.7 95.4 143.0
89 44.8 37.2 55.8

Manual Integrations
APPROVED

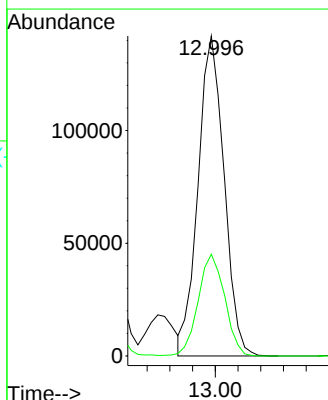
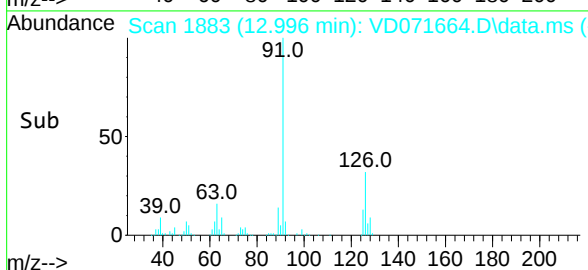
Reviewed By :John Carlone 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022

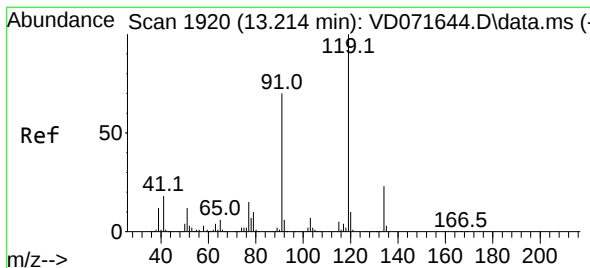


#82
4-Chlorotoluene
Concen: 19.959 ug/l
RT: 12.996 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VD071664.D
Acq: 10 Jan 2022 18:23



Tgt Ion: 91 Resp: 225613
Ion Ratio Lower Upper
91 100
126 32.5 16.1 48.3





#83

tert-Butylbenzene

Concen: 19.656 ug/l

RT: 13.214 min Scan# 1920

Delta R.T. 0.000 min

Lab File: VD071664.D

Acq: 10 Jan 2022 18:23

Instrument :

MSVOA_D

ClientSampleId :

VD0110SBSD01

Tgt Ion:119 Resp: 215710

Ion Ratio Lower Upper

119 100

91 70.4 35.6 106.8

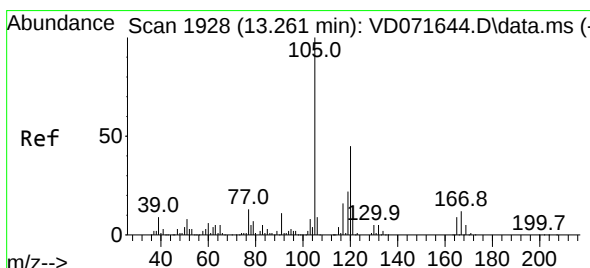
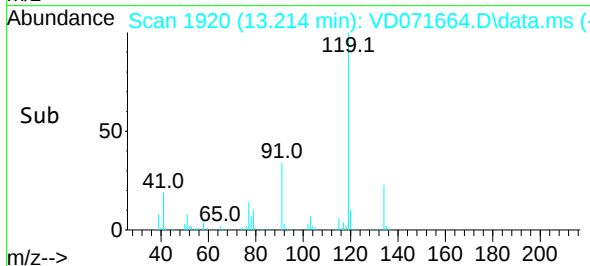
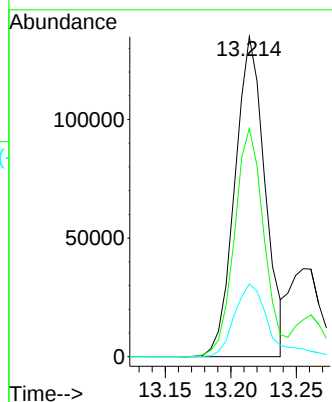
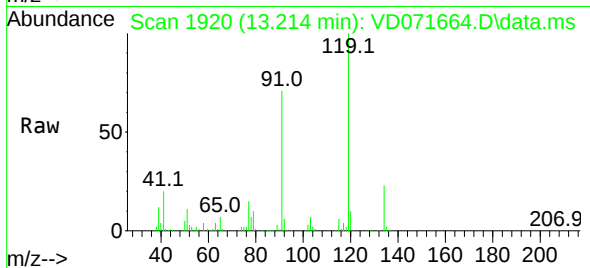
134 25.9 13.5 40.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/12/2022

Supervised By :Mahesh Dadoda 01/12/2022



#84

1,2,4-Trimethylbenzene

Concen: 19.861 ug/l

RT: 13.261 min Scan# 1928

Delta R.T. 0.000 min

Lab File: VD071664.D

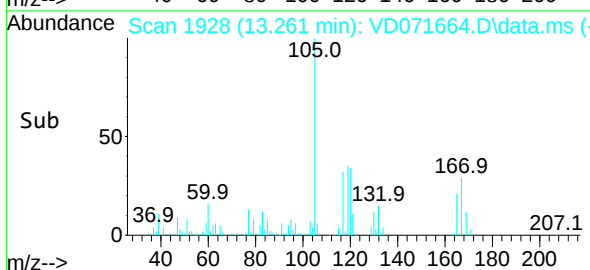
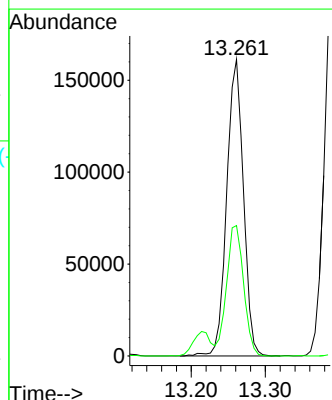
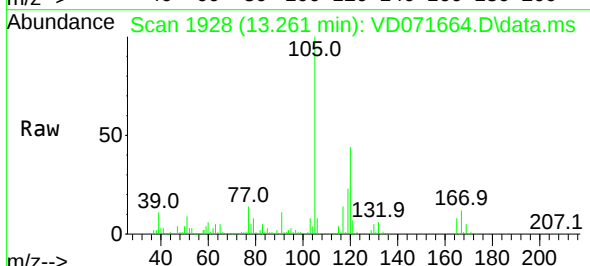
Acq: 10 Jan 2022 18:23

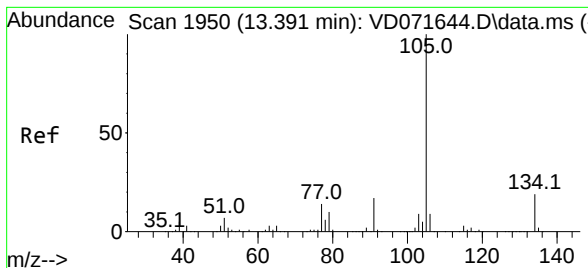
Tgt Ion:105 Resp: 252247

Ion Ratio Lower Upper

105 100

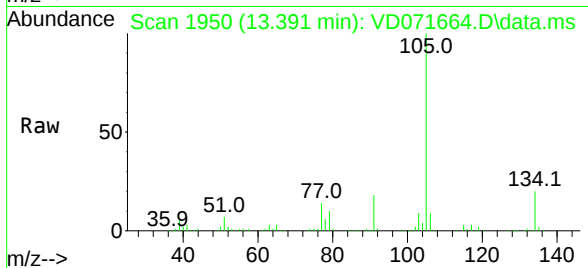
120 45.0 22.3 66.9





#85
 sec-Butylbenzene
 Concen: 19.868 ug/l
 RT: 13.391 min Scan# 1950
 Delta R.T. 0.001 min
 Lab File: VD071664.D
 Acq: 10 Jan 2022 18:23

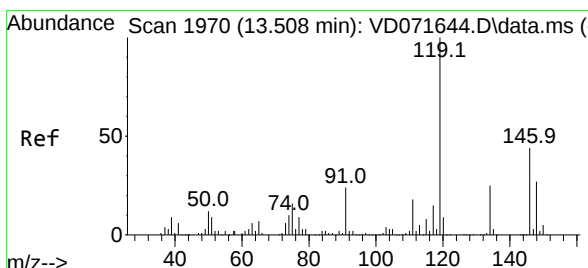
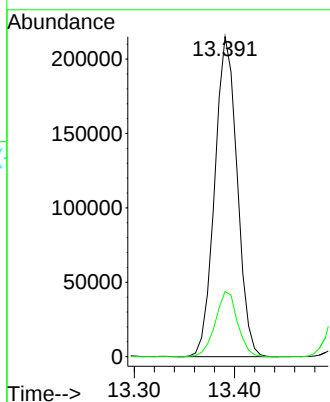
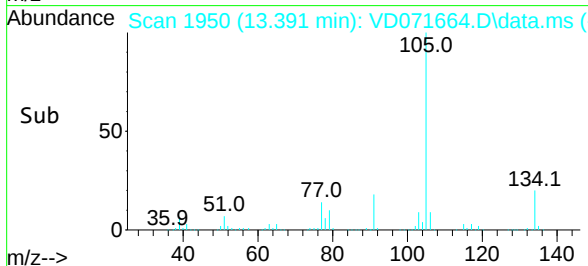
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0110SBSD01



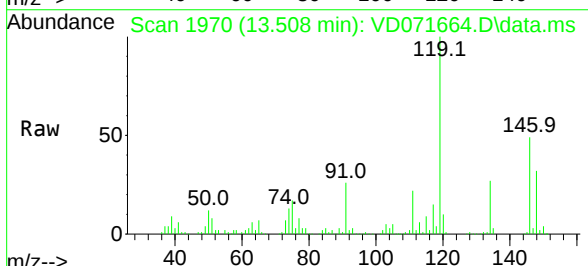
Tgt Ion:105 Resp: 333960
 Ion Ratio Lower Upper
 105 100
 134 20.2 9.8 29.3

Manual Integrations
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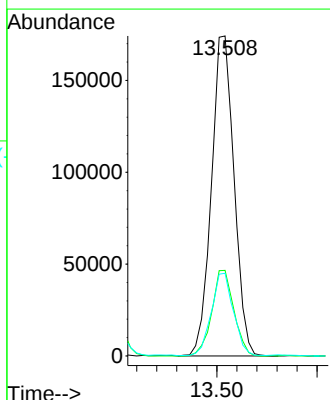
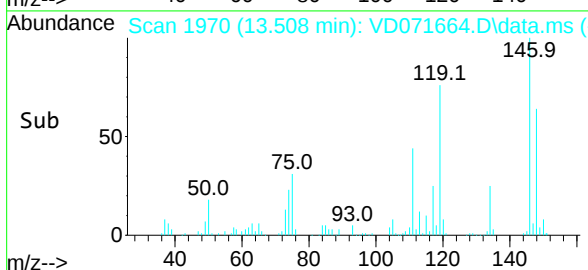
Reviewed By :John Carlone 01/12/2022
 Supervised By :Mahesh Dadoda 01/12/2022

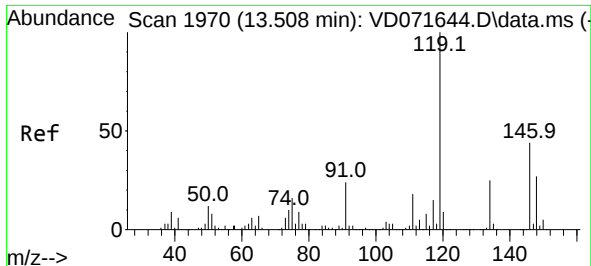


#86
 p-Isopropyltoluene
 Concen: 19.789 ug/l
 RT: 13.508 min Scan# 1970
 Delta R.T. 0.000 min
 Lab File: VD071664.D
 Acq: 10 Jan 2022 18:23



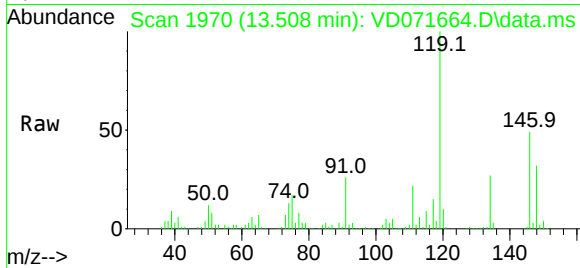
Tgt Ion:119 Resp: 273095
 Ion Ratio Lower Upper
 119 100
 134 26.1 12.7 38.1
 91 25.0 12.4 37.2





#87
 1,3-Dichlorobenzene
 Concen: 20.338 ug/l
 RT: 13.508 min Scan# 1970
 Delta R.T. 0.000 min
 Lab File: VD071664.D
 Acq: 10 Jan 2022 18:23

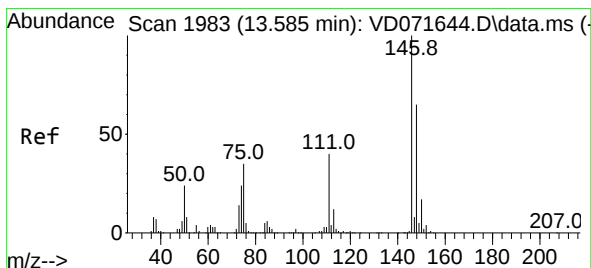
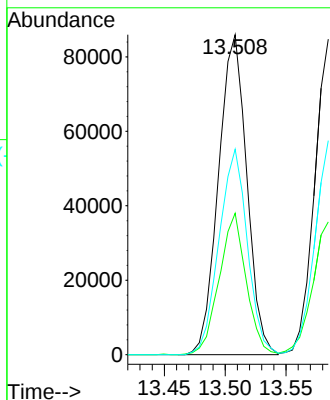
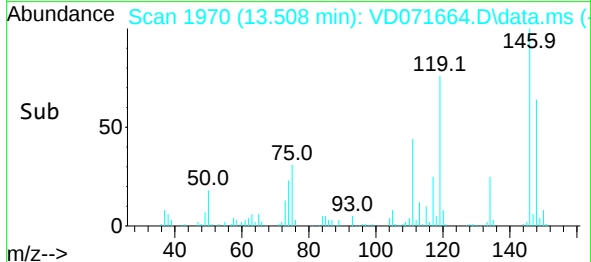
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0110SBSD01



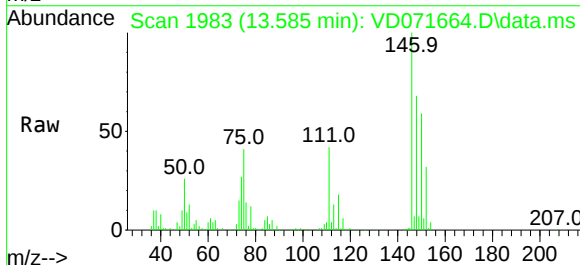
Tgt Ion:146 Resp: 13936
 Ion Ratio Lower Upper
 146 100
 111 42.1 20.8 62.5
 148 64.2 31.3 93.8

Manual Integrations
 APPROVED

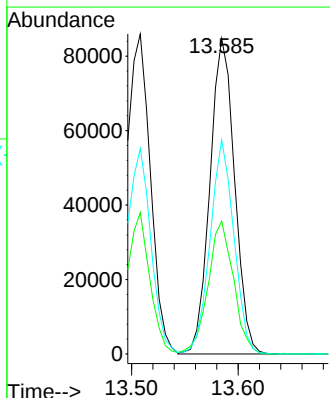
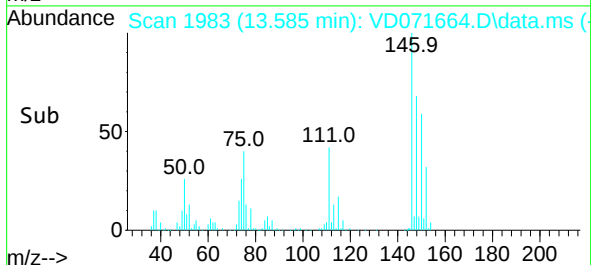
Reviewed By :John Carlone 01/12/2022
 Supervised By :Mahesh Dadoda 01/12/2022

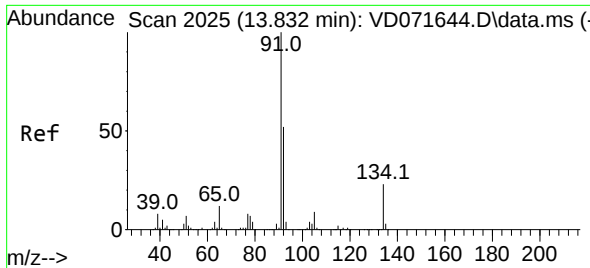


#88
 1,4-Dichlorobenzene
 Concen: 19.488 ug/l
 RT: 13.585 min Scan# 1983
 Delta R.T. 0.001 min
 Lab File: VD071664.D
 Acq: 10 Jan 2022 18:23



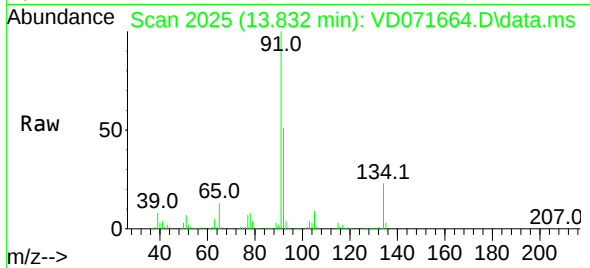
Tgt Ion:146 Resp: 136233
 Ion Ratio Lower Upper
 146 100
 111 43.5 20.7 62.1
 148 65.6 32.3 96.9





#89
n-Butylbenzene
Concen: 19.187 ug/l
RT: 13.832 min Scan# 2025
Delta R.T. 0.001 min
Lab File: VD071664.D
Acq: 10 Jan 2022 18:23

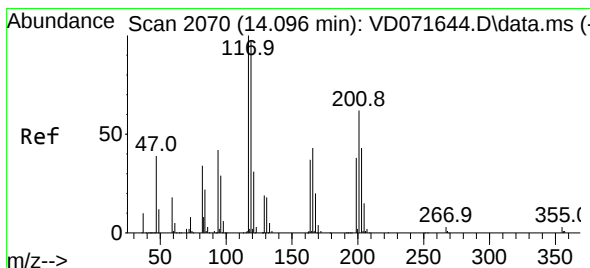
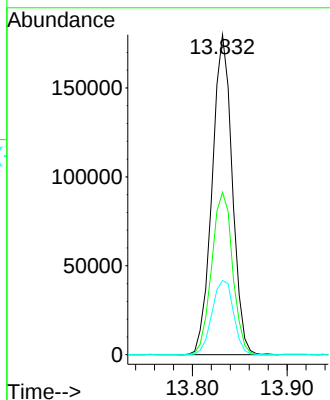
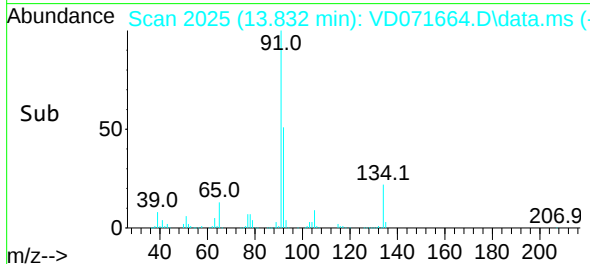
Instrument :
MSVOA_D
ClientSampleId :
VD0110SBSD01



Tgt Ion: 91 Resp: 265174
Ion Ratio Lower Upper
91 100
92 52.8 26.6 79.8
134 24.8 12.1 36.3

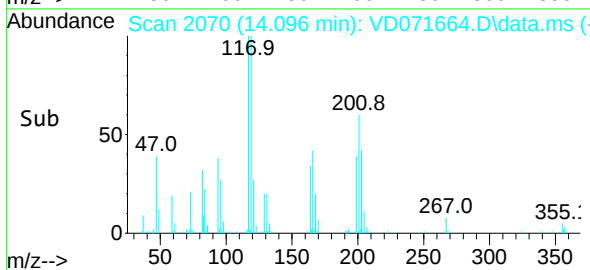
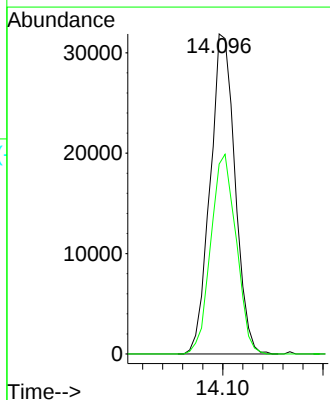
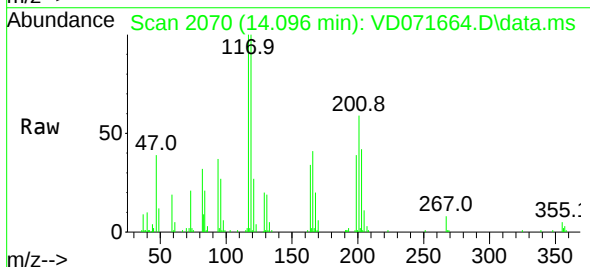
Manual Integrations
APPROVED

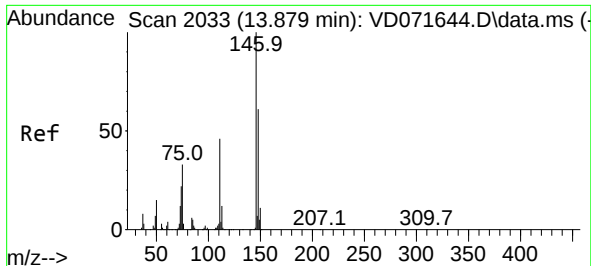
Reviewed By :John Carlone 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022



#90
Hexachloroethane
Concen: 20.077 ug/l
RT: 14.096 min Scan# 2070
Delta R.T. -0.006 min
Lab File: VD071664.D
Acq: 10 Jan 2022 18:23

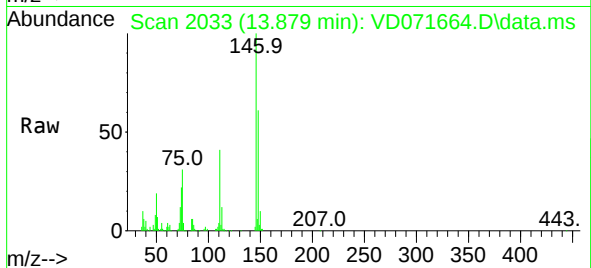
Tgt Ion:117 Resp: 54818
Ion Ratio Lower Upper
117 100
201 63.7 32.1 96.5





#91
1,2-Dichlorobenzene
Concen: 20.728 ug/l
RT: 13.879 min Scan# 2033
Delta R.T. 0.001 min
Lab File: VD071664.D
Acq: 10 Jan 2022 18:23

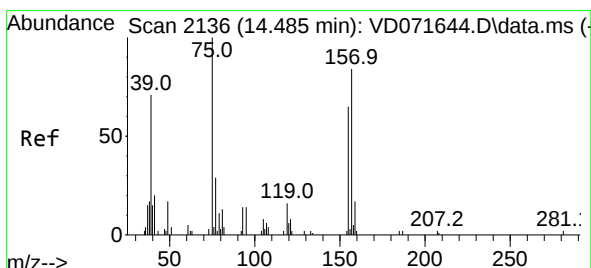
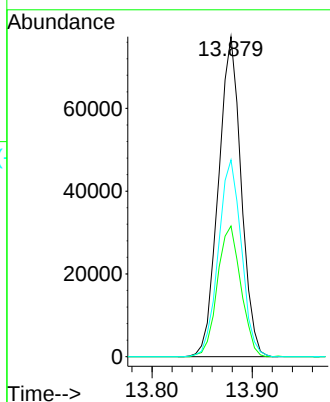
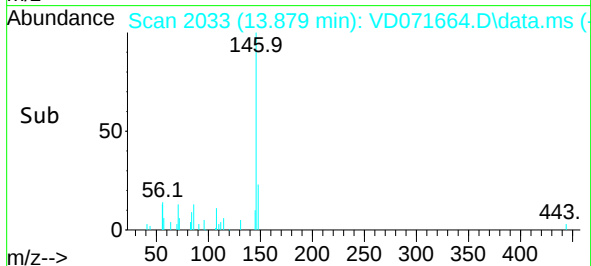
Instrument :
MSVOA_D
ClientSampleId :
VD0110SBSD01



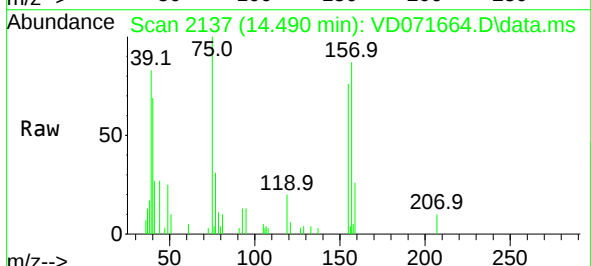
Tgt Ion:146 Resp: 121724
Ion Ratio Lower Upper
146 100
111 42.1 21.8 65.3
148 62.3 31.3 93.8

Manual Integrations
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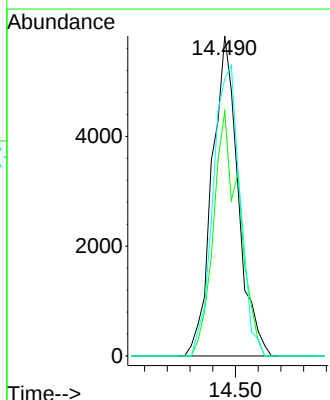
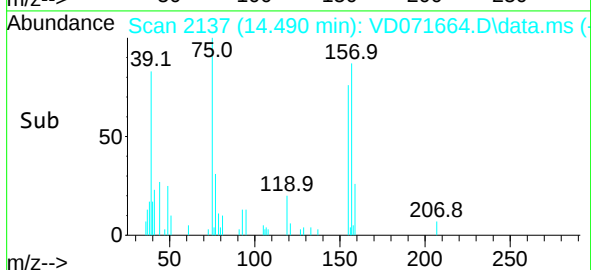
Reviewed By :John Carlone 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022

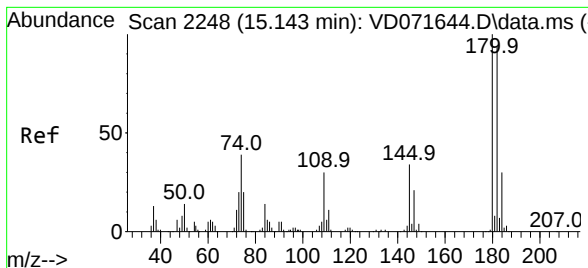


#92
1,2-Dibromo-3-Chloropropane
Concen: 21.154 ug/l
RT: 14.490 min Scan# 2137
Delta R.T. 0.000 min
Lab File: VD071664.D
Acq: 10 Jan 2022 18:23



Tgt Ion: 75 Resp: 9261
Ion Ratio Lower Upper
75 100
155 76.0 35.4 106.1
157 93.8 44.9 134.5





#93

1,2,4-Trichlorobenzene

Concen: 20.275 ug/l

RT: 15.149 min Scan# 2248

Delta R.T. 0.000 min

Lab File: VD071664.D

Acq: 10 Jan 2022 18:23

Instrument :

MSVOA_D

ClientSampleId :

VD0110SBS01

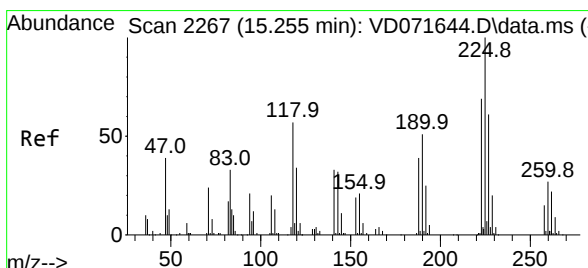
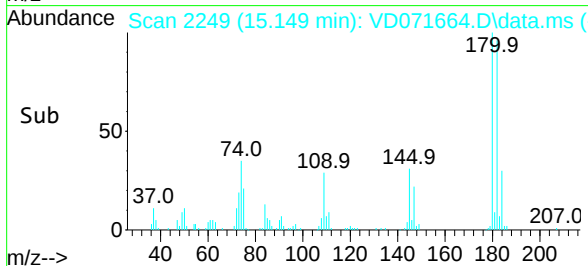
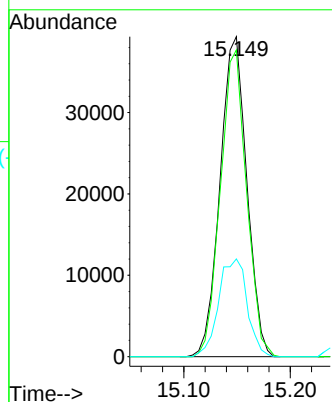
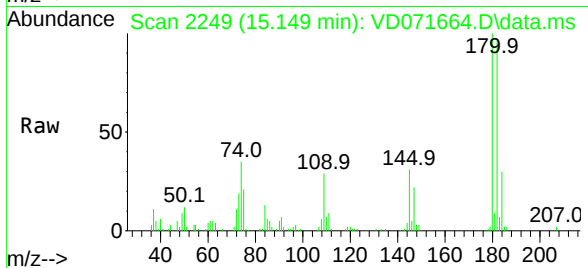
Tgt Ion:	180	Resp:	6861
Ion Ratio	Lower	Upper	
180	100		
182	93.4	47.5	142.5
145	32.6	16.4	49.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/12/2022

Supervised By :Mahesh Dadoda 01/12/2022



#94

Hexachlorobutadiene

Concen: 19.464 ug/l

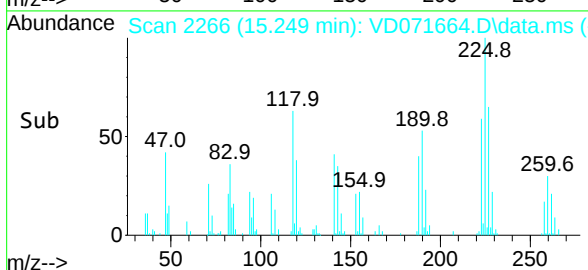
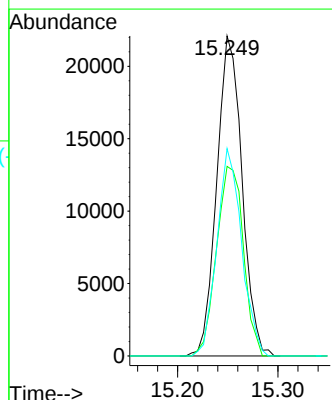
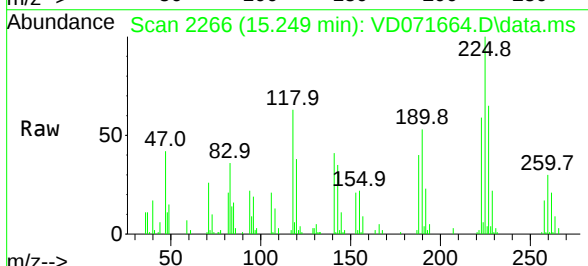
RT: 15.249 min Scan# 2266

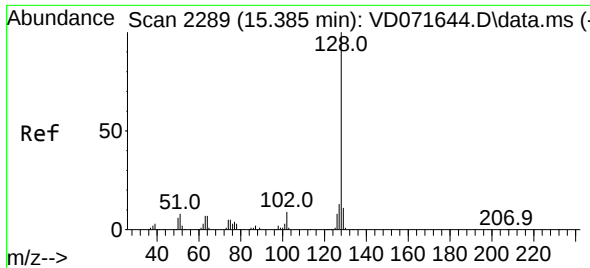
Delta R.T. 0.000 min

Lab File: VD071664.D

Acq: 10 Jan 2022 18:23

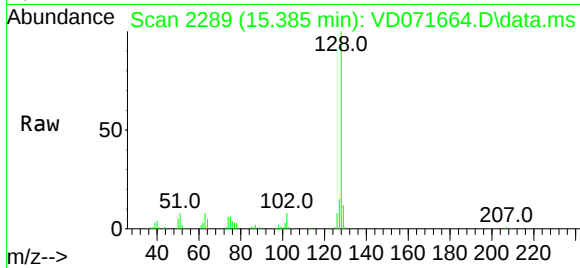
Tgt Ion:	225	Resp:	38618
Ion Ratio	Lower	Upper	
225	100		
223	62.9	31.3	93.9
227	63.4	31.4	94.3





#95
Naphthalene
Concen: 19.823 ug/l
RT: 15.385 min Scan# 2289
Delta R.T. 0.001 min
Lab File: VD071664.D
Acq: 10 Jan 2022 18:23

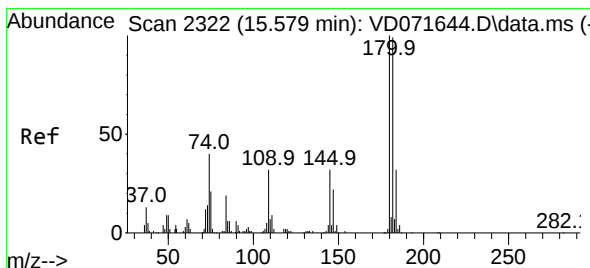
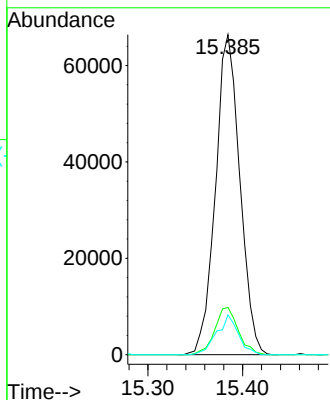
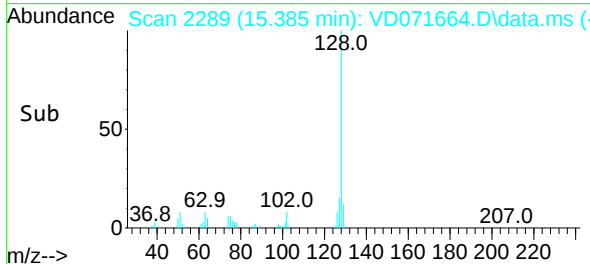
Instrument :
MSVOA_D
ClientSampleId :
VD0110SBSD01



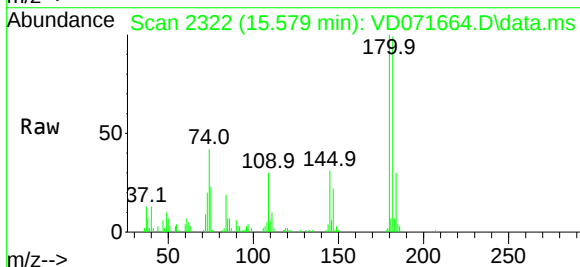
Tgt Ion:128 Resp: 11878
Ion Ratio Lower Upper
128 100
127 14.3 10.9 16.3
129 11.0 9.1 13.7

Manual Integrations
APPROVED

Reviewed By :John Carlone 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022



#96
1,2,3-Trichlorobenzene
Concen: 19.686 ug/l
RT: 15.579 min Scan# 2322
Delta R.T. 0.001 min
Lab File: VD071664.D
Acq: 10 Jan 2022 18:23



Tgt Ion:180 Resp: 56772
Ion Ratio Lower Upper
180 100
182 95.5 47.0 141.2
145 33.3 16.4 49.2

