

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011022\
 Data File : VD071651.D
 Acq On : 10 Jan 2022 11:01
 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 04:06:07 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	312556	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	533596	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	480355	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	221491	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	205431	51.081	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	102.160%		
35) Dibromofluoromethane	7.914	113	173647	49.242	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	98.480%		
50) Toluene-d8	10.338	98	674786	51.118	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	102.240%		
62) 4-Bromofluorobenzene	12.626	95	225558	48.491	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	96.980%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	50596	21.045	ug/l	95
3) Chloromethane	2.215	50	65260	20.398	ug/l	97
4) Vinyl Chloride	2.356	62	75838	19.515	ug/l	97
5) Bromomethane	2.768	94	58069	21.978	ug/l	99
6) Chloroethane	2.926	64	55258	19.953	ug/l	97
7) Trichlorofluoromethane	3.279	101	109764	19.924	ug/l	92
8) Diethyl Ether	3.709	74	29641	20.457	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.103	101	64208	19.940	ug/l	96
10) Methyl Iodide	4.303	142	50908	16.536	ug/l	98
11) Tert butyl alcohol	5.197	59	29075m	82.862	ug/l	
12) 1,1-Dichloroethene	4.073	96	56502	20.221	ug/l	94
13) Acrolein	3.926	56	33608	85.619	ug/l	92
14) Allyl chloride	4.721	41	111604	20.144	ug/l	99
15) Acrylonitrile	5.420	53	75208	98.219	ug/l	99
16) Acetone	4.156	43	89623	96.523	ug/l	97
17) Carbon Disulfide	4.421	76	142845	20.648	ug/l	97
18) Methyl Acetate	4.721	43	60773	22.561	ug/l	98
19) Methyl tert-butyl Ether	5.479	73	146257	19.829	ug/l	95
20) Methylene Chloride	4.968	84	75190	20.343	ug/l #	92
21) trans-1,2-Dichloroethene	5.473	96	64477	20.206	ug/l	98
22) Diisopropyl ether	6.362	45	239360	20.063	ug/l	93
23) Vinyl Acetate	6.309	43	544766	97.848	ug/l	100
24) 1,1-Dichloroethane	6.267	63	138269	20.305	ug/l	99
25) 2-Butanone	7.215	43	102850	93.752	ug/l	95
26) 2,2-Dichloropropane	7.215	77	115083	20.125	ug/l	100
27) cis-1,2-Dichloroethene	7.209	96	76783	20.387	ug/l	98
28) Bromochloromethane	7.544	49	64587	19.470	ug/l	98
29) Tetrahydrofuran	7.556	42	63200	100.143	ug/l	99
30) Chloroform	7.709	83	138273	19.857	ug/l	96
31) Cyclohexane	7.991	56	118082	21.396	ug/l #	94
32) 1,1,1-Trichloroethane	7.903	97	125781	20.494	ug/l	97
36) 1,1-Dichloropropene	8.114	75	101987	20.275	ug/l	99
37) Ethyl Acetate	7.291	43	41054	17.585	ug/l #	79
38) Carbon Tetrachloride	8.097	117	103519	20.321	ug/l	95
39) Methylcyclohexane	9.356	83	110538	20.344	ug/l	93
40) Benzene	8.356	78	276614	19.958	ug/l	97

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	28952	20.790	ug/l #	93
42) 1,2-Dichloroethane	8.426	62	94876	20.223	ug/l	98
43) Isopropyl Acetate	8.450	43	86955	19.786	ug/l	98
44) Trichloroethene	9.109	130	73047	20.480	ug/l	97
45) 1,2-Dichloropropane	9.385	63	74255	19.819	ug/l	98
46) Dibromomethane	9.473	93	38426	20.038	ug/l	98
47) Bromodichloromethane	9.656	83	110090	20.910	ug/l	98
48) Methyl methacrylate	9.456	41	44673	20.116	ug/l	96
49) 1,4-Dioxane	9.456	88	8153	424.058	ug/l	91
51) 4-Methyl-2-Pentanone	10.226	43	227839	98.149	ug/l	99
52) Toluene	10.403	92	177102	20.300	ug/l	100
53) t-1,3-Dichloropropene	10.614	75	92686	20.068	ug/l	93
54) cis-1,3-Dichloropropene	10.091	75	110301	20.255	ug/l	95
55) 1,1,2-Trichloroethane	10.797	97	53263	21.186	ug/l	95
56) Ethyl methacrylate	10.656	69	61250	19.876	ug/l	98
57) 1,3-Dichloropropane	10.944	76	92067	19.818	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.938	63	164557	96.733	ug/l	100
59) 2-Hexanone	10.979	43	160213	98.814	ug/l	100
60) Dibromochloromethane	11.138	129	65580	20.494	ug/l	100
61) 1,2-Dibromoethane	11.244	107	47389	19.702	ug/l	100
64) Tetrachloroethene	10.873	164	60200	21.335	ug/l	97
65) Chlorobenzene	11.667	112	184657	20.089	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.738	131	70037	20.095	ug/l	98
67) Ethyl Benzene	11.738	91	345462	20.472	ug/l	100
68) m/p-Xylenes	11.850	106	263474	41.979	ug/l	97
69) o-Xylene	12.173	106	121999	20.537	ug/l	99
70) Styrene	12.191	104	205114	20.144	ug/l	98
71) Bromoform	12.355	173	36667	21.545	ug/l #	100
73) Isopropylbenzene	12.473	105	338245	21.250	ug/l	98
74) N-amyl acetate	12.279	43	79635	20.396	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.726	83	59726	21.175	ug/l	97
76) 1,2,3-Trichloropropane	12.779	75	41409m	19.348	ug/l	
77) Bromobenzene	12.749	156	72198	20.999	ug/l	98
78) n-propylbenzene	12.814	91	426065	21.284	ug/l	100
79) 2-Chlorotoluene	12.902	91	234277	20.764	ug/l	98
80) 1,3,5-Trimethylbenzene	12.955	105	275489	20.715	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.520	75	16214	21.121	ug/l	92
82) 4-Chlorotoluene	12.997	91	250042	21.362	ug/l	98
83) tert-Butylbenzene	13.214	119	246697	21.709	ug/l	96
84) 1,2,4-Trimethylbenzene	13.261	105	278231	21.155	ug/l	99
85) sec-Butylbenzene	13.397	105	372487	21.400	ug/l	99
86) p-Isopropyltoluene	13.508	119	301711	21.113	ug/l	99
87) 1,3-Dichlorobenzene	13.508	146	148676	20.954	ug/l	99
88) 1,4-Dichlorobenzene	13.585	146	147152	20.328	ug/l	99
89) n-Butylbenzene	13.832	91	302823	21.159	ug/l	99
90) Hexachloroethane	14.102	117	60066	21.244	ug/l	99
91) 1,2-Dichlorobenzene	13.879	146	127726	21.004	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.496	75	9465	20.879	ug/l	92
93) 1,2,4-Trichlorobenzene	15.149	180	76399	21.800	ug/l	95
94) Hexachlorobutadiene	15.255	225	43700	21.270	ug/l	98
95) Naphthalene	15.385	128	126851	20.444	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	63845	21.380	ug/l	99

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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

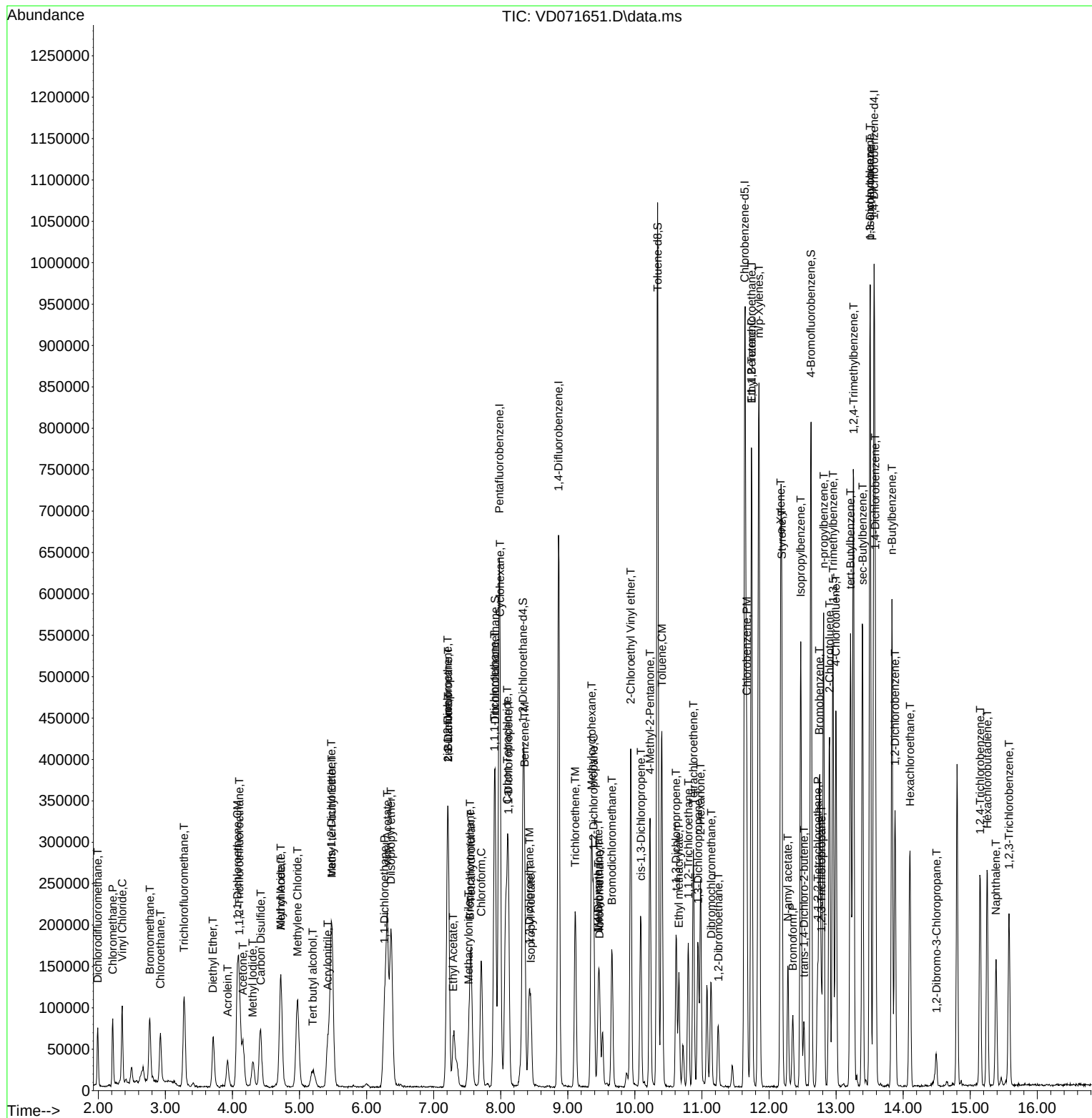
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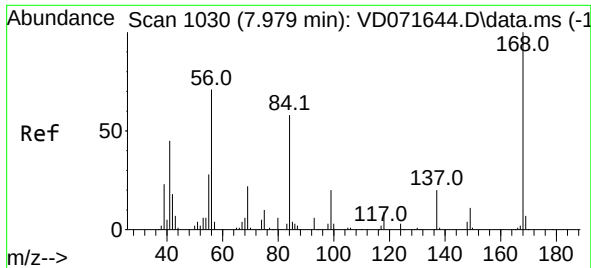
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 VD0110SBS01

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Manual Integrations APPROVED

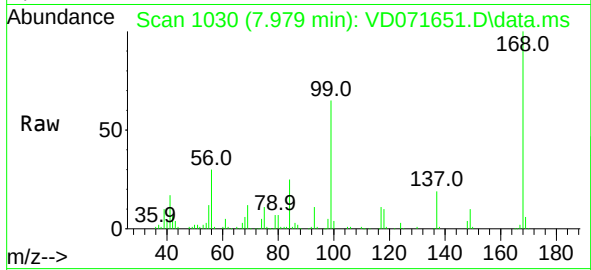
Reviewed By : John Carlone 01/12/2022
 Supervised By : Mahesh Dadoda 01/12/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD071651.D
Acq: 10 Jan 2022 11:01

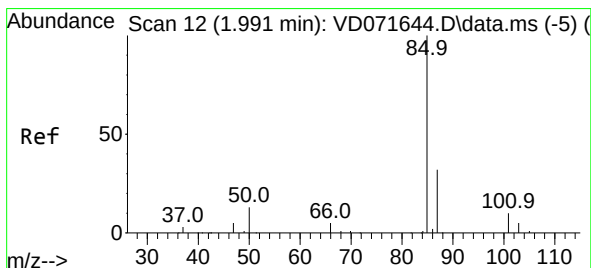
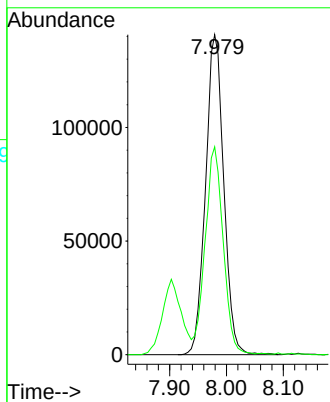
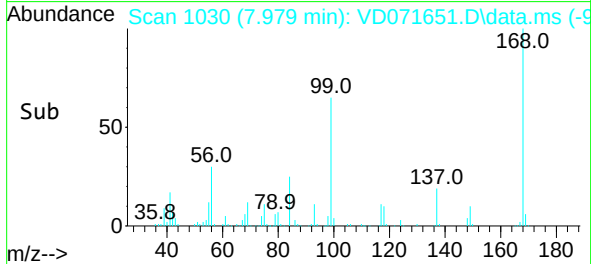
Instrument :
MSVOA_D
ClientSampleId :
VD0110SBS01



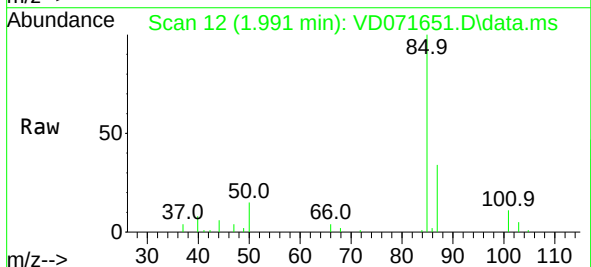
Tgt Ion:168 Resp: 312550
Ion Ratio Lower Upper
168 100
99 64.4 51.8 77.6

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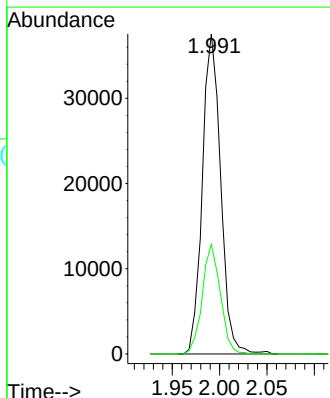
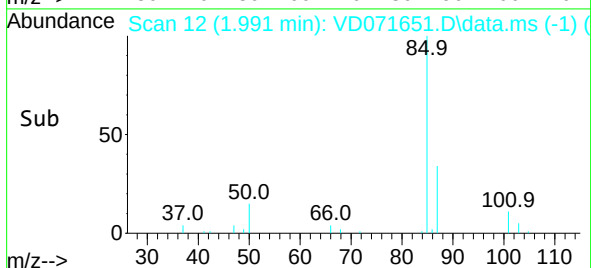
Reviewed By :John Carlone 01/12/2022
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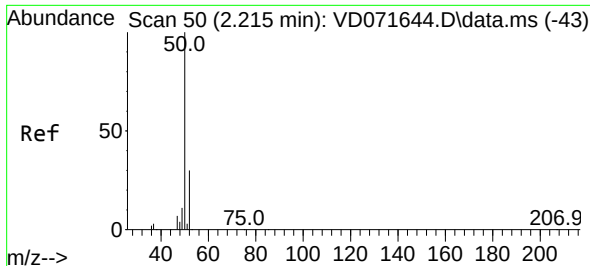


#2
Dichlorodifluoromethane
Concen: 21.045 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD071651.D
Acq: 10 Jan 2022 11:01



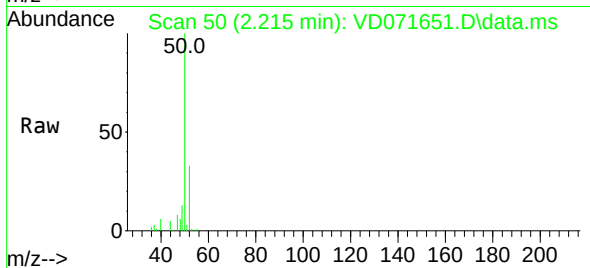
Tgt Ion: 85 Resp: 50596
Ion Ratio Lower Upper
85 100
87 34.3 15.9 47.6





#3
Chloromethane
Concen: 20.398 ug/l
RT: 2.215 min Scan# 50
Delta R.T. 0.001 min
Lab File: VD071651.D
Acq: 10 Jan 2022 11:01

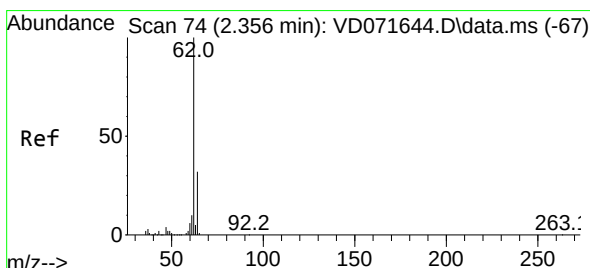
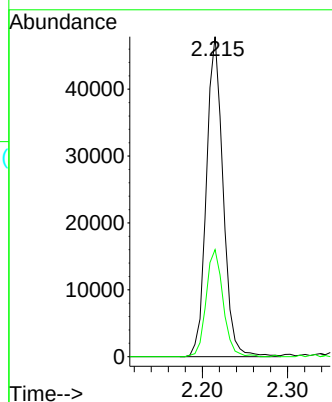
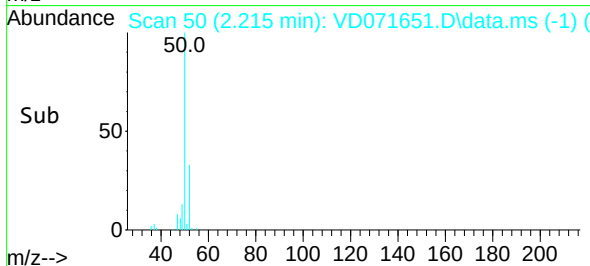
Instrument :
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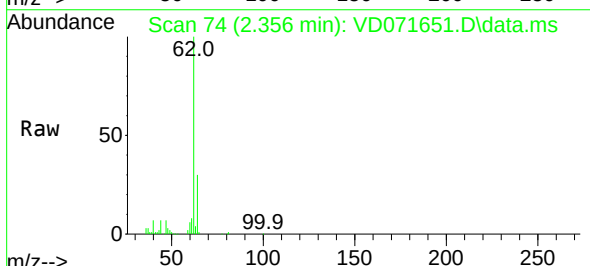
Tgt Ion: 50 Resp: 65260
Ion Ratio Lower Upper
50 100
52 33.5 25.4 38.0

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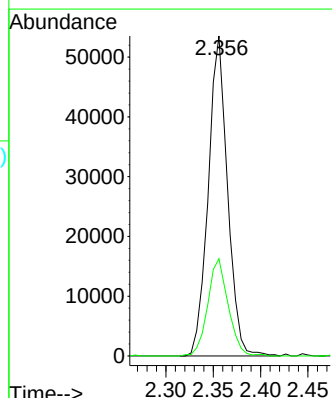
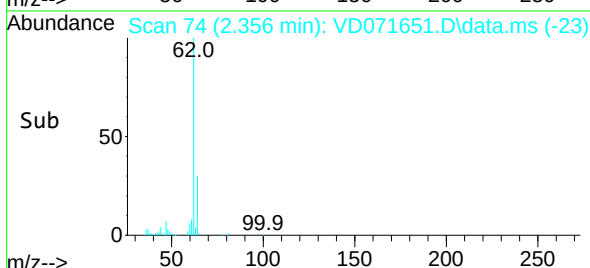
Reviewed By :John Carlone 01/12/2022
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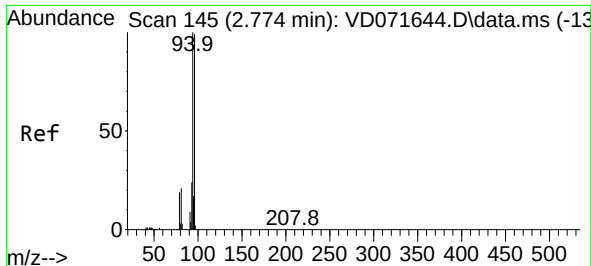


#4
Vinyl Chloride
Concen: 19.515 ug/l
RT: 2.356 min Scan# 74
Delta R.T. -0.000 min
Lab File: VD071651.D
Acq: 10 Jan 2022 11:01



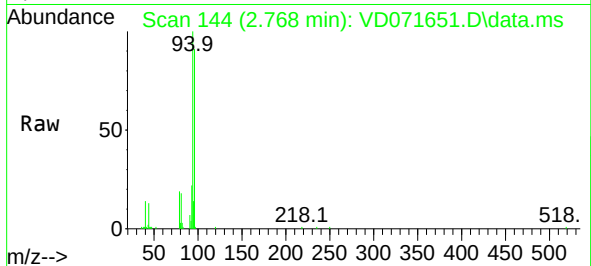
Tgt Ion: 62 Resp: 75838
Ion Ratio Lower Upper
62 100
64 30.4 23.2 34.8





#5
Bromomethane
Concen: 21.978 ug/l
RT: 2.768 min Scan# 145
Delta R.T. -0.005 min
Lab File: VD071651.D
Acq: 10 Jan 2022 11:01

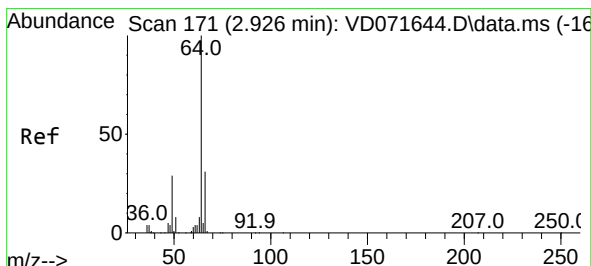
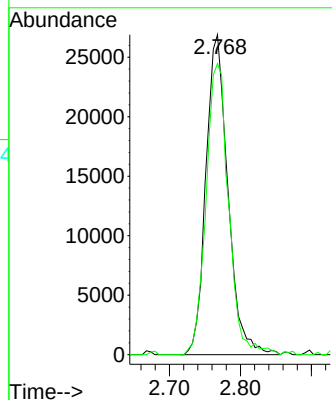
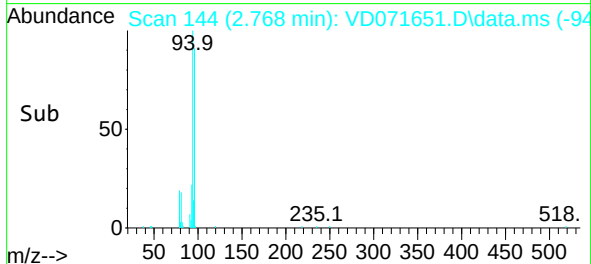
Instrument :
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Tgt Ion: 94 Resp: 58069
Ion Ratio Lower Upper
94 100
96 90.9 73.7 110.5

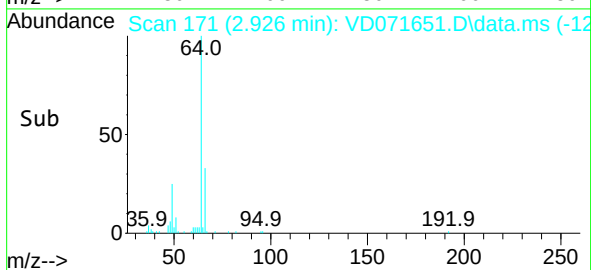
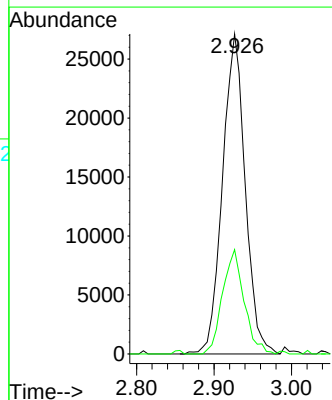
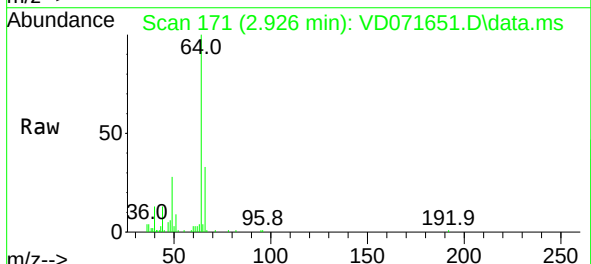
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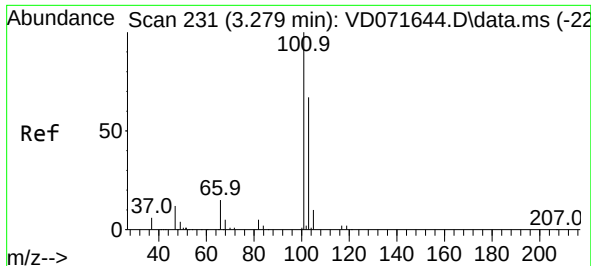
Reviewed By :John Carlone 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022



#6
Chloroethane
Concen: 19.953 ug/l
RT: 2.926 min Scan# 171
Delta R.T. 0.000 min
Lab File: VD071651.D
Acq: 10 Jan 2022 11:01

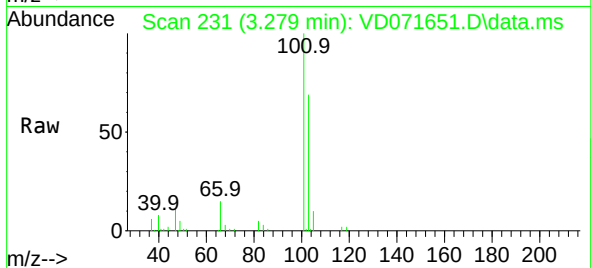
Tgt Ion: 64 Resp: 55258
Ion Ratio Lower Upper
64 100
66 31.8 24.2 36.2





#7
 Trichlorofluoromethane
 Concen: 19.924 ug/l
 RT: 3.279 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VD071651.D
 Acq: 10 Jan 2022 11:01

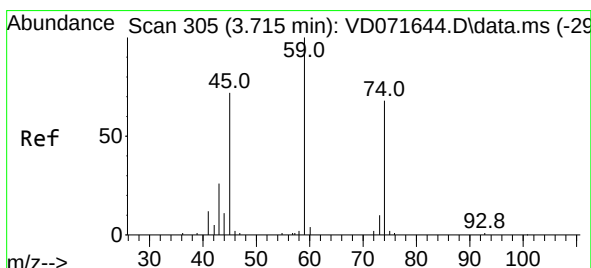
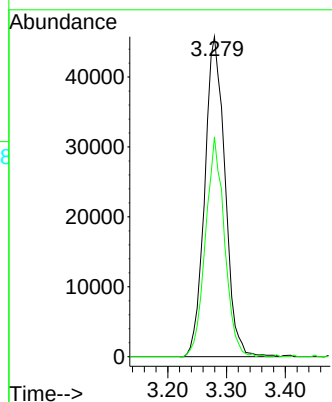
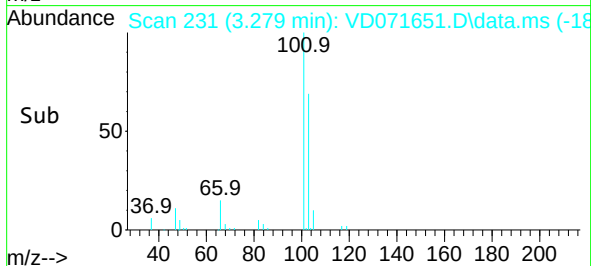
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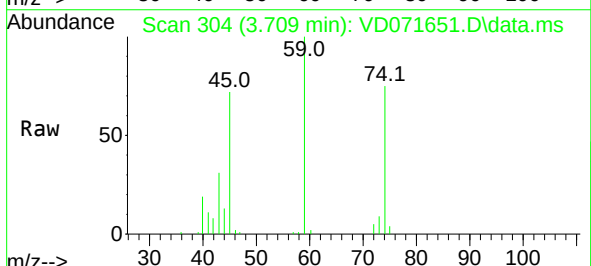
Tgt Ion:101 Resp: 109764
 Ion Ratio Lower Upper
 101 100
 103 68.7 49.8 74.6

Manual Integrations
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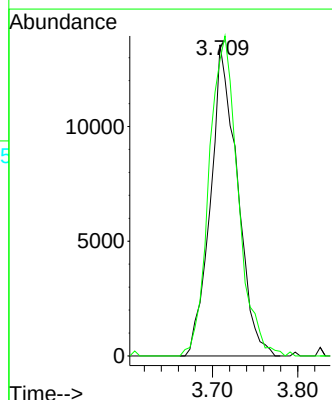
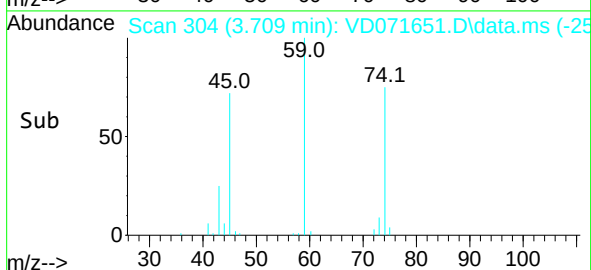
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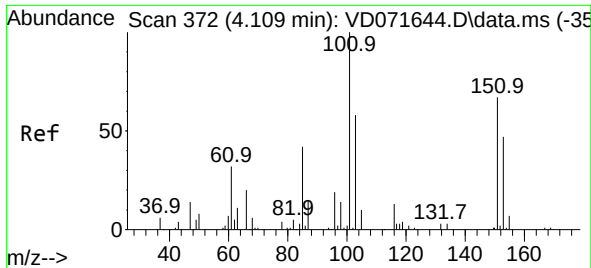


#8
 Diethyl Ether
 Concen: 20.457 ug/l
 RT: 3.709 min Scan# 304
 Delta R.T. -0.005 min
 Lab File: VD071651.D
 Acq: 10 Jan 2022 11:01



Tgt Ion: 74 Resp: 29641
 Ion Ratio Lower Upper
 74 100
 45 111.1 56.5 169.5





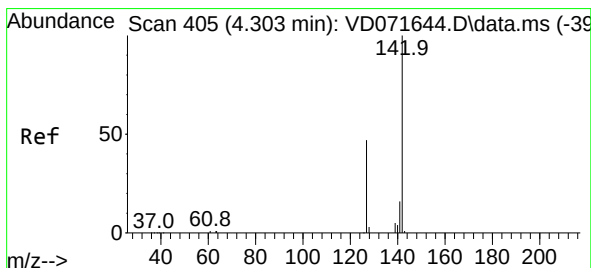
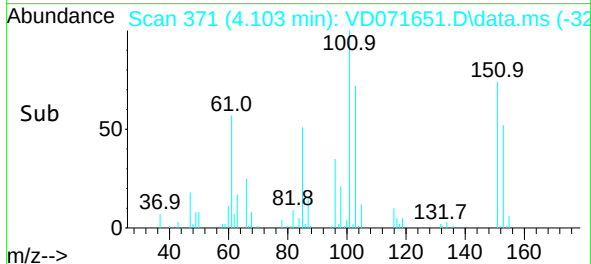
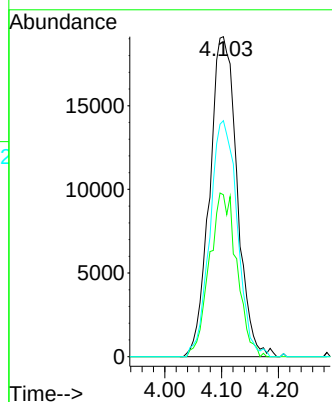
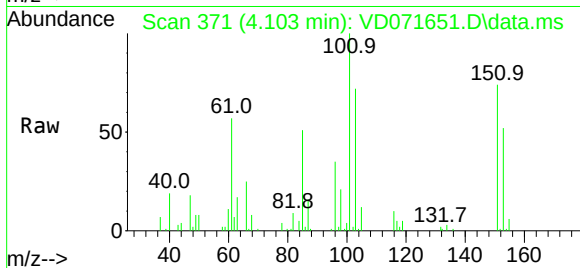
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.940 ug/l
RT: 4.103 min Scan# 372
Delta R.T. 0.001 min
Lab File: VD071651.D
Acq: 10 Jan 2022 11:01

Instrument :
MSVOA_D
ClientSampleId :
VD0110SBS01

Tgt Ion:101 Resp: 64208
Ion Ratio Lower Upper
101 100
85 51.1 38.7 58.1
151 73.3 56.2 84.2

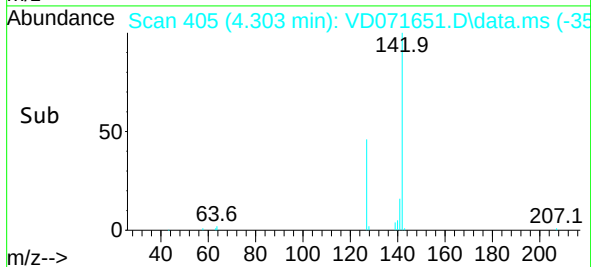
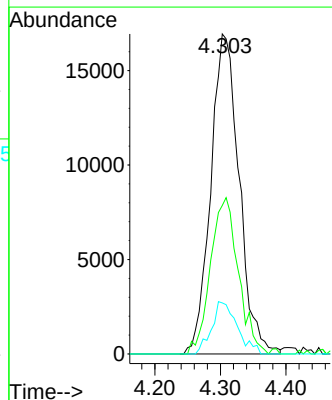
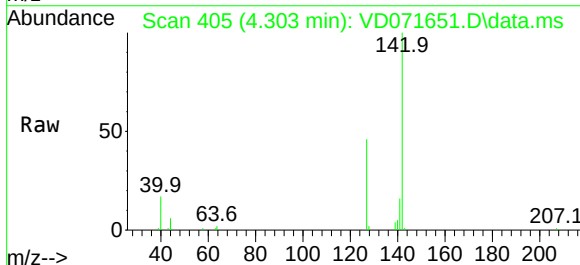
Manual Integrations
APPROVED

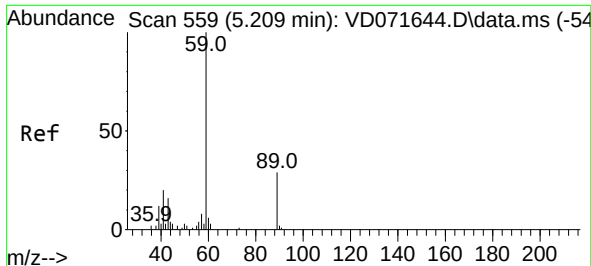
Reviewed By :John Carlone 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022



#10
Methyl Iodide
Concen: 16.536 ug/l
RT: 4.303 min Scan# 405
Delta R.T. 0.001 min
Lab File: VD071651.D
Acq: 10 Jan 2022 11:01

Tgt Ion:142 Resp: 50908
Ion Ratio Lower Upper
142 100
127 48.0 39.4 59.2
141 14.6 11.9 17.9





#11

Tert butyl alcohol

Concen: 82.862 ug/l m

RT: 5.197 min Scan# 5

Delta R.T. -0.011 min

Lab File: VD071651.D

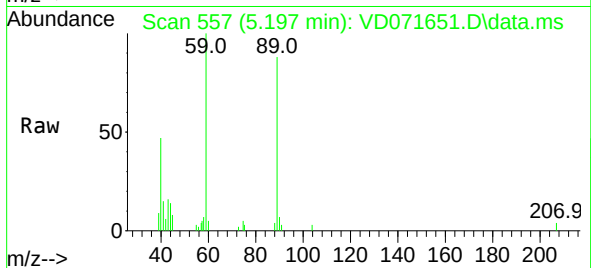
Acq: 10 Jan 2022 11:01

Instrument :

MSVOA_D

ClientSampleId :

VD0110SBS01



Tgt Ion: 59 Resp: 2907

Ion Ratio Lower Upper

59 100

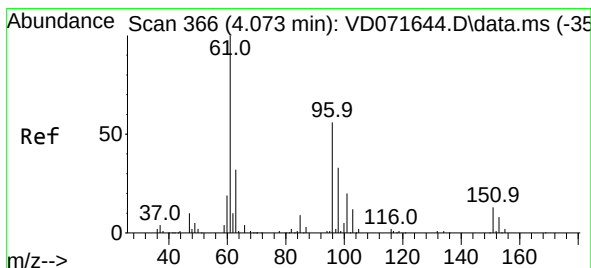
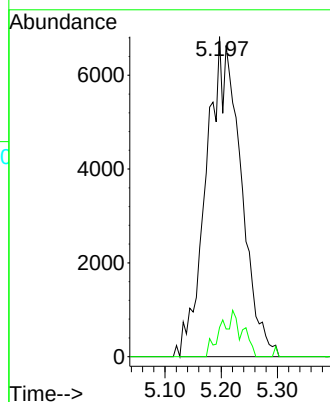
57 3.5 7.3 10.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/12/2022

Supervised By :Mahesh Dadoda 01/12/2022



#12

1,1-Dichloroethene

Concen: 20.221 ug/l

RT: 4.073 min Scan# 366

Delta R.T. -0.006 min

Lab File: VD071651.D

Acq: 10 Jan 2022 11:01

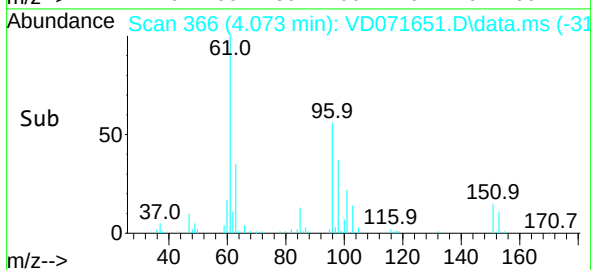
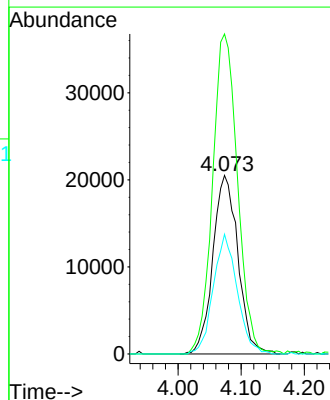
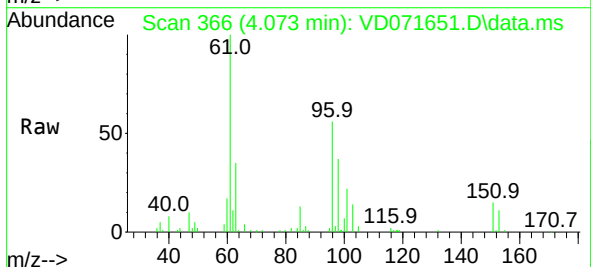
Tgt Ion: 96 Resp: 56502

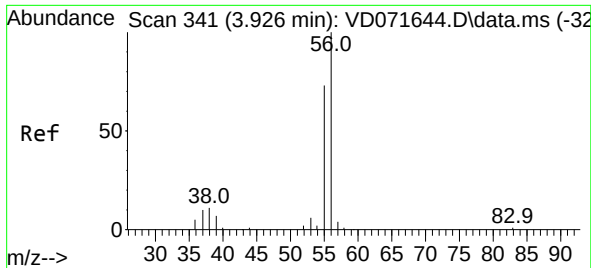
Ion Ratio Lower Upper

96 100

61 179.3 137.8 206.8

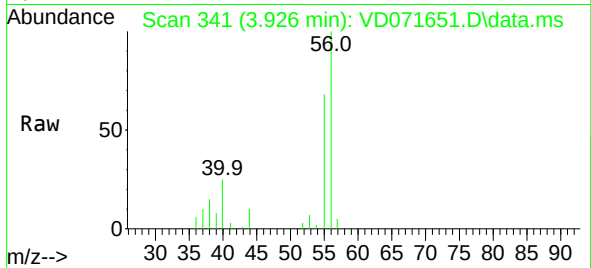
98 67.0 48.3 72.5





#13
Acrolein
Concen: 85.619 ug/l
RT: 3.926 min Scan# 341
Delta R.T. 0.000 min
Lab File: VD071651.D
Acq: 10 Jan 2022 11:01

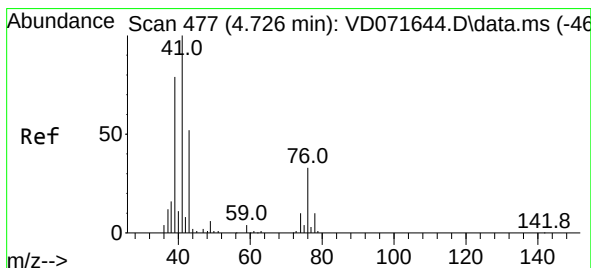
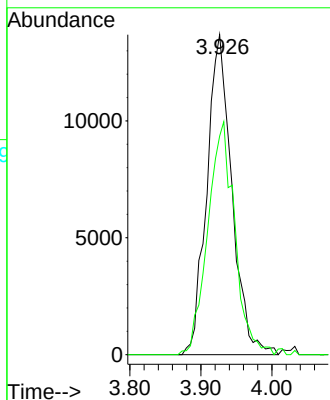
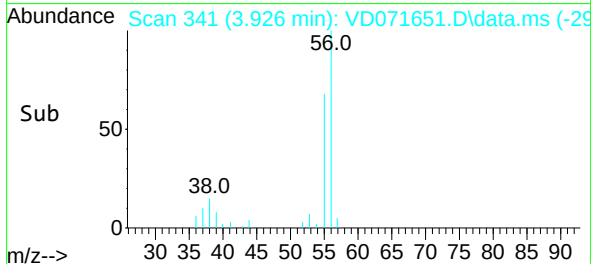
Instrument :
MSVOA_D
ClientSampleId :
VD0110SBS01



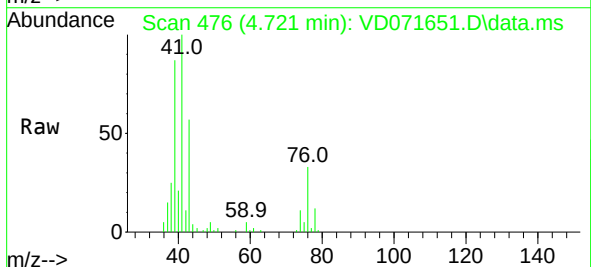
Tgt Ion: 56 Resp: 33608
Ion Ratio Lower Upper
56 100
55 78.0 56.9 85.3

Manual Integrations
APPROVED

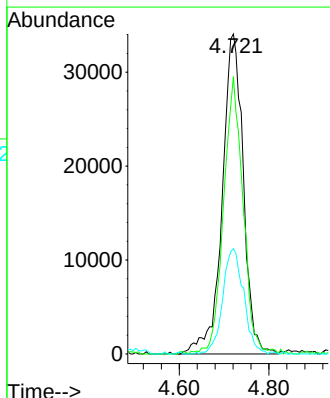
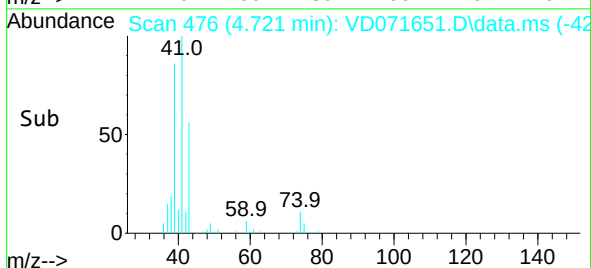
Reviewed By :John Carlone 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022

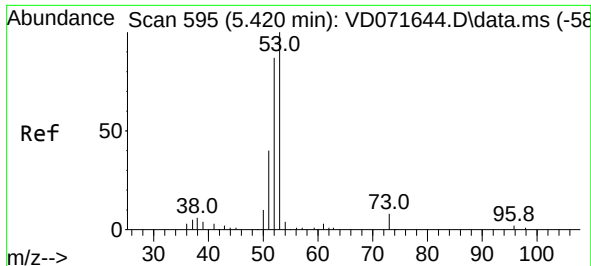


#14
Allyl chloride
Concen: 20.144 ug/l
RT: 4.721 min Scan# 476
Delta R.T. 0.001 min
Lab File: VD071651.D
Acq: 10 Jan 2022 11:01



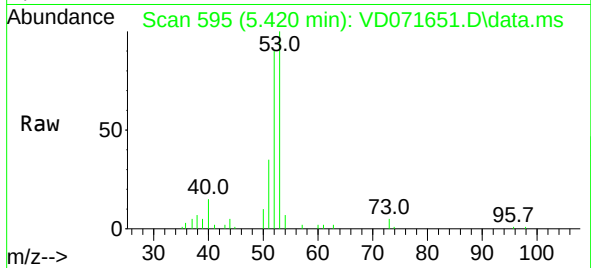
Tgt Ion: 41 Resp: 111604
Ion Ratio Lower Upper
41 100
39 79.6 63.2 94.8
76 32.6 25.8 38.6





#15
Acrylonitrile
Concen: 98.219 ug/l
RT: 5.420 min Scan# 595
Delta R.T. 0.000 min
Lab File: VD071651.D
Acq: 10 Jan 2022 11:01

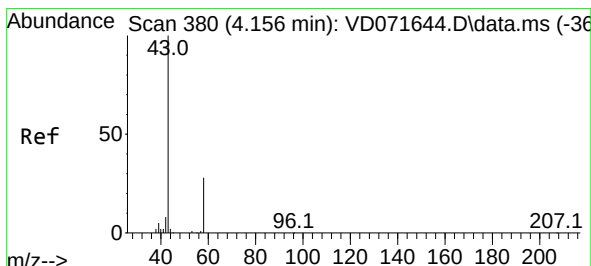
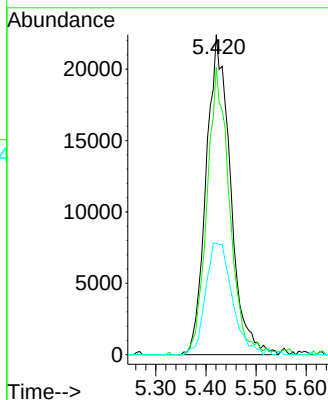
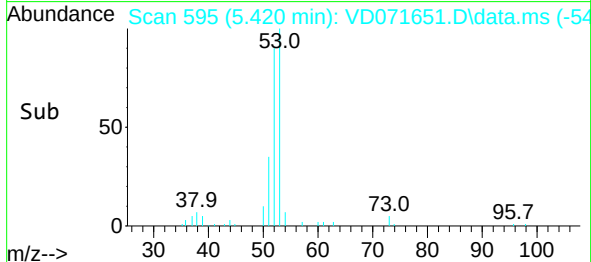
Instrument :
MSVOA_D
ClientSampleId :
VD0110SBS01



Tgt Ion: 53 Resp: 75208
Ion Ratio Lower Upper
53 100
52 83.4 65.6 98.4
51 38.2 31.2 46.8

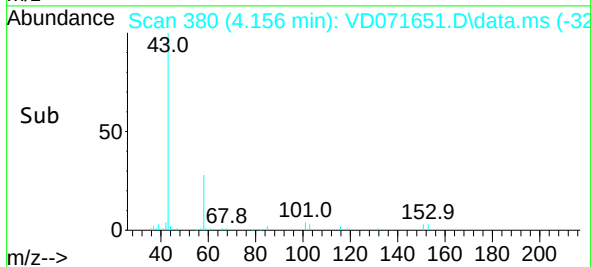
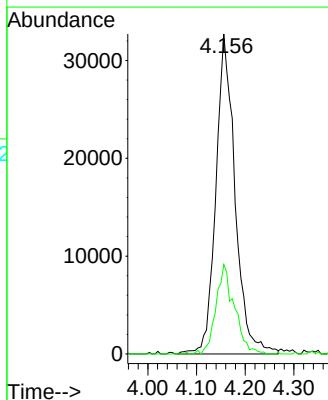
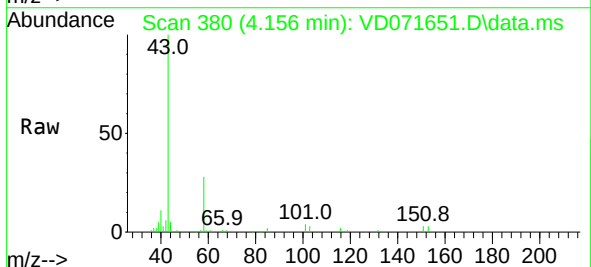
Manual Integrations
APPROVED

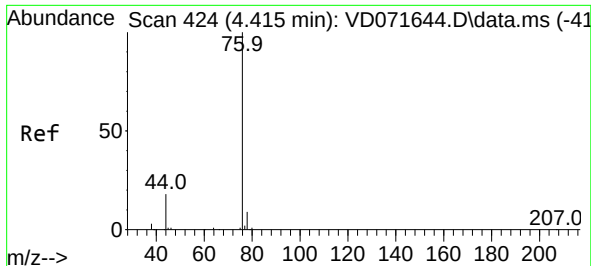
Reviewed By :John Carlone 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022



#16
Acetone
Concen: 96.523 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.001 min
Lab File: VD071651.D
Acq: 10 Jan 2022 11:01

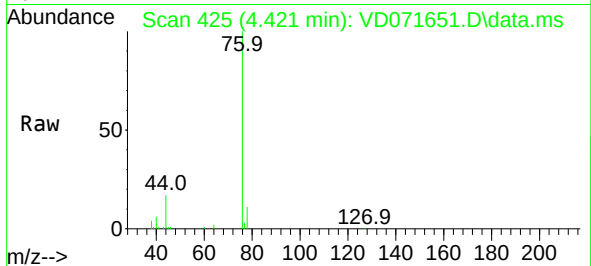
Tgt Ion: 43 Resp: 89623
Ion Ratio Lower Upper
43 100
58 28.0 21.0 31.6





#17
Carbon Disulfide
Concen: 20.648 ug/l
RT: 4.421 min Scan# 41
Delta R.T. 0.007 min
Lab File: VD071651.D
Acq: 10 Jan 2022 11:01

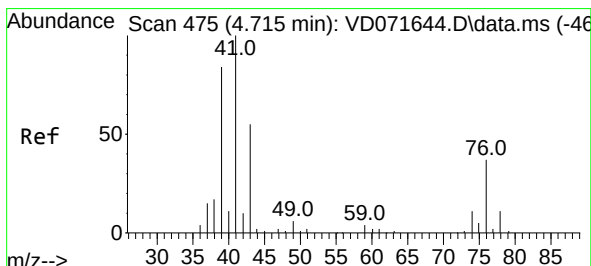
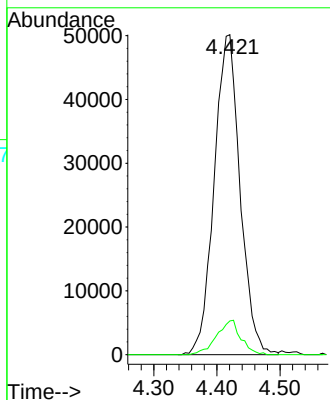
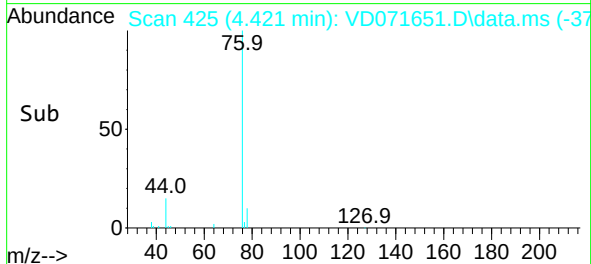
Instrument :
MSVOA_D
ClientSampleId :
VD0110SBS01



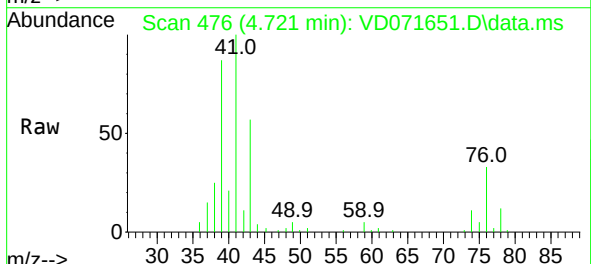
Tgt Ion: 76 Resp: 14284
Ion Ratio Lower Upper
76 100
78 10.6 7.4 11.2

Manual Integrations
APPROVED

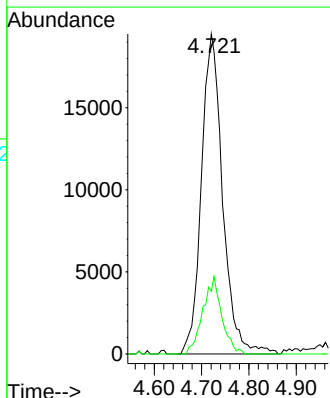
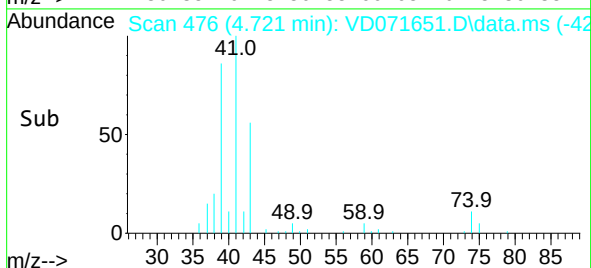
Reviewed By :John Carlone 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022

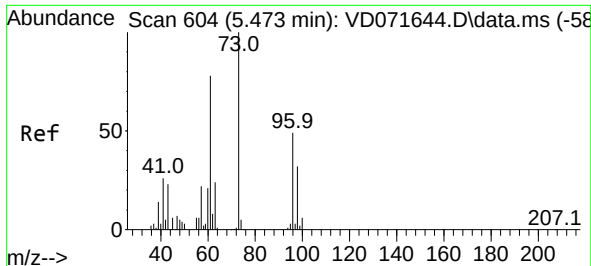


#18
Methyl Acetate
Concen: 22.561 ug/l
RT: 4.721 min Scan# 476
Delta R.T. 0.007 min
Lab File: VD071651.D
Acq: 10 Jan 2022 11:01



Tgt Ion: 43 Resp: 60773
Ion Ratio Lower Upper
43 100
74 21.4 16.3 24.5





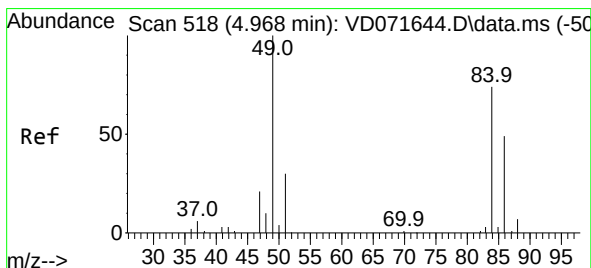
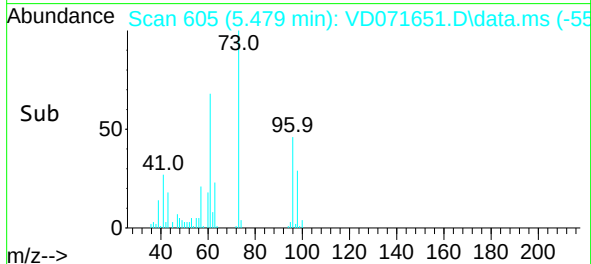
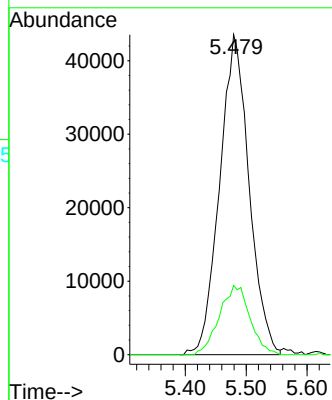
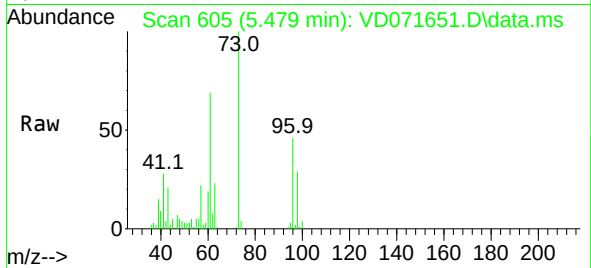
#19
Methyl tert-butyl Ether
Concen: 19.829 ug/l
RT: 5.479 min Scan# 604
Delta R.T. 0.000 min
Lab File: VD071651.D
Acq: 10 Jan 2022 11:01

Instrument :
MSVOA_D
ClientSampleId :
VD0110SBS01

Tgt Ion: 73 Resp: 14625
Ion Ratio Lower Upper
73 100
57 21.6 19.2 28.8

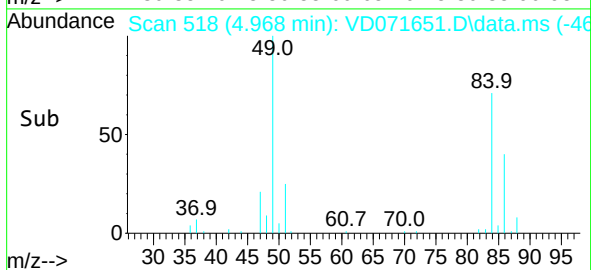
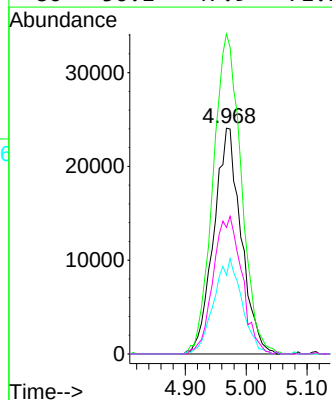
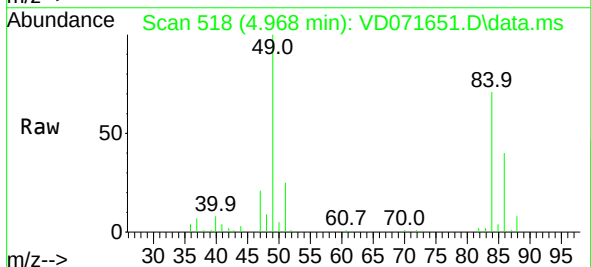
Manual Integrations
APPROVED

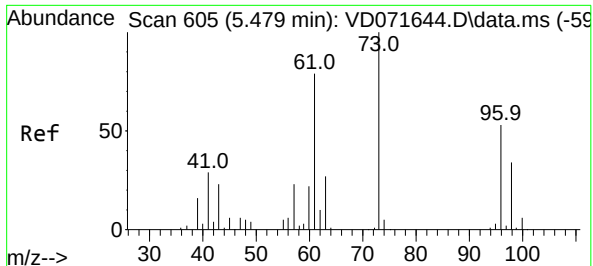
Reviewed By :John Carlone 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022



#20
Methylene Chloride
Concen: 20.343 ug/l
RT: 4.968 min Scan# 518
Delta R.T. 0.001 min
Lab File: VD071651.D
Acq: 10 Jan 2022 11:01

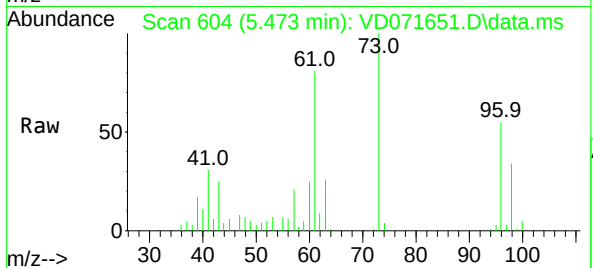
Tgt Ion: 84 Resp: 75190
Ion Ratio Lower Upper
84 100
49 141.8 118.6 178.0
51 34.9 37.8 56.6#
86 56.1 47.9 71.9





#21
trans-1,2-Dichloroethene
Concen: 20.206 ug/l
RT: 5.473 min Scan# 604
Delta R.T. -0.006 min
Lab File: VD071651.D
Acq: 10 Jan 2022 11:01

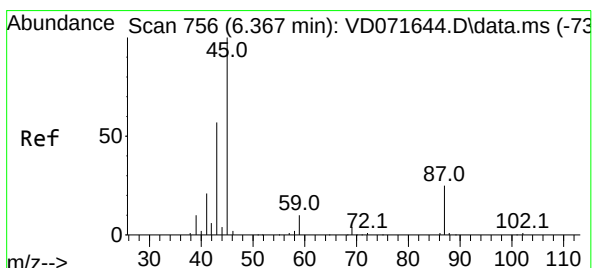
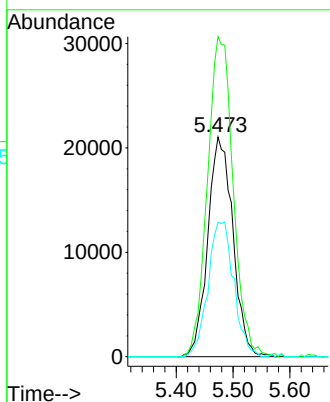
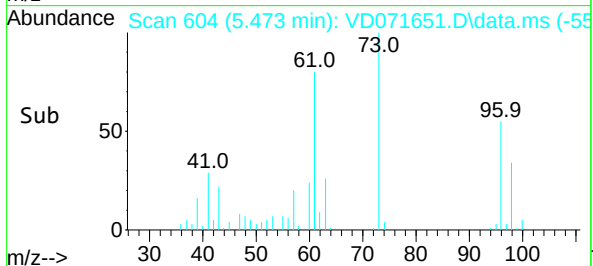
Instrument :
MSVOA_D
ClientSampleId :
VD0110SBS01



Tgt Ion: 96 Resp: 6447
Ion Ratio Lower Upper
96 100
61 145.6 119.4 179.0
98 61.1 49.3 73.9

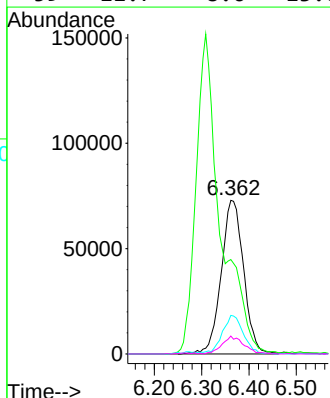
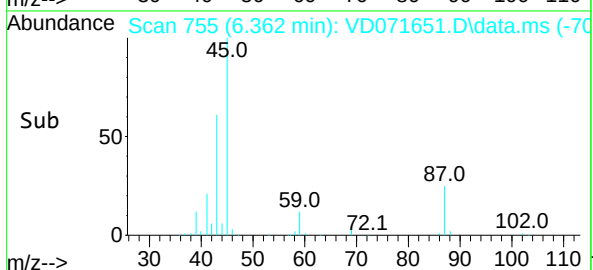
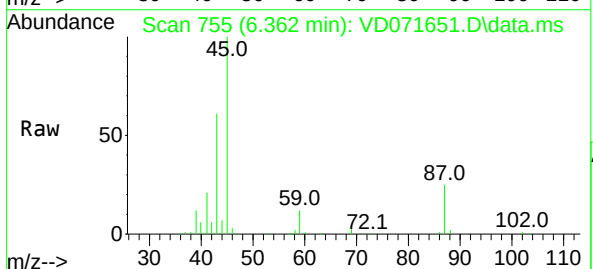
Manual Integrations
APPROVED

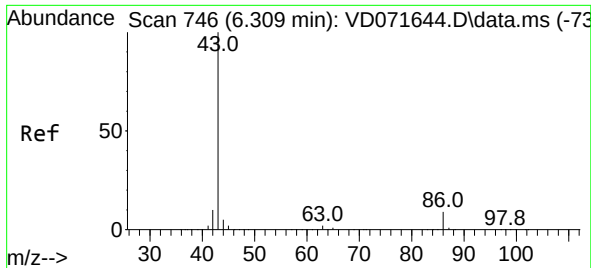
Reviewed By :John Carlone 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022



#22
Diisopropyl ether
Concen: 20.063 ug/l
RT: 6.362 min Scan# 755
Delta R.T. -0.005 min
Lab File: VD071651.D
Acq: 10 Jan 2022 11:01

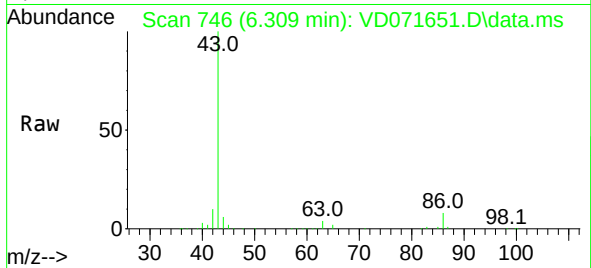
Tgt Ion: 45 Resp: 239360
Ion Ratio Lower Upper
45 100
43 60.6 43.0 64.6
87 25.1 19.0 28.4
59 11.7 8.6 13.0





#23
 Vinyl Acetate
 Concen: 97.848 ug/l
 RT: 6.309 min Scan# 746
 Delta R.T. 0.001 min
 Lab File: VD071651.D
 Acq: 10 Jan 2022 11:01

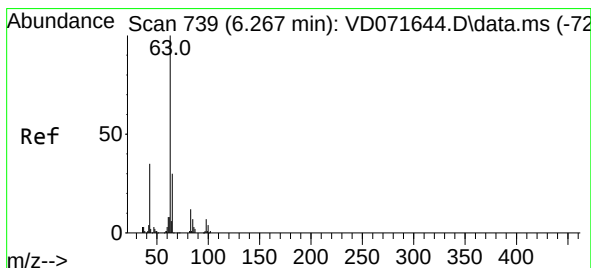
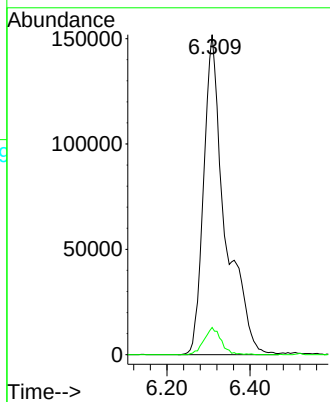
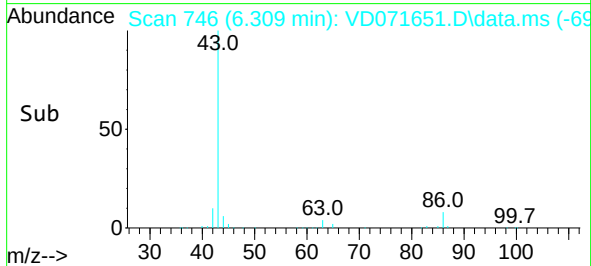
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0110SBS01



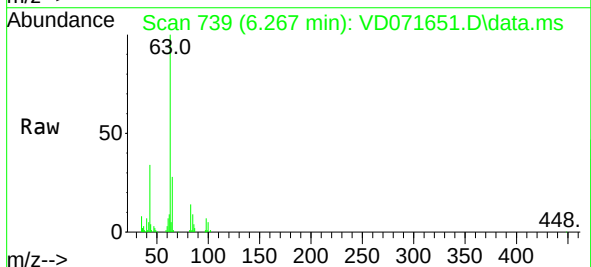
Tgt Ion: 43 Resp: 544760
 Ion Ratio Lower Upper
 43 100
 86 8.5 6.7 10.1

Manual Integrations
 APPROVED

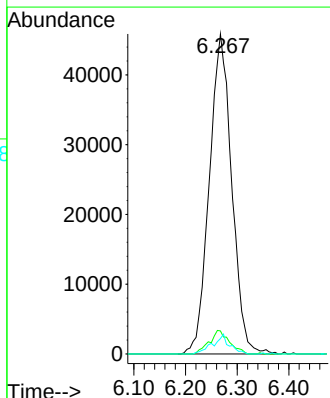
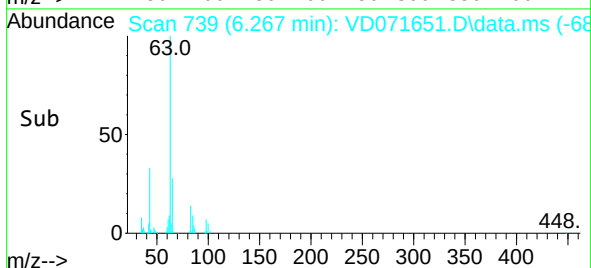
Reviewed By :John Carlone 01/12/2022
 Supervised By :Mahesh Dadoda 01/12/2022

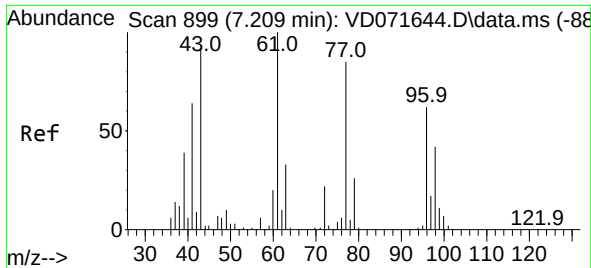


#24
 1,1-Dichloroethane
 Concen: 20.305 ug/l
 RT: 6.267 min Scan# 739
 Delta R.T. -0.006 min
 Lab File: VD071651.D
 Acq: 10 Jan 2022 11:01



Tgt Ion: 63 Resp: 138269
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.4 10.1
 100 4.8 2.5 7.5





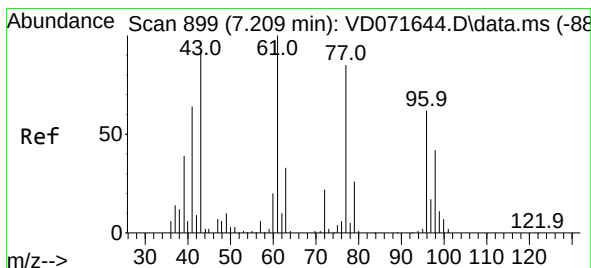
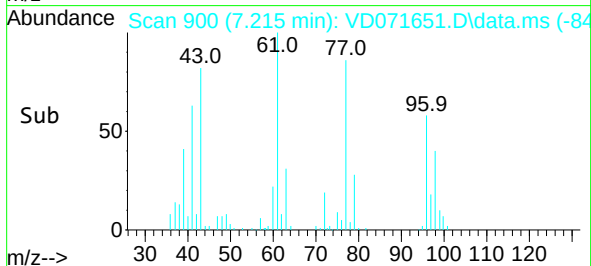
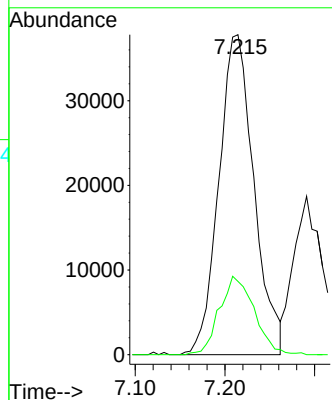
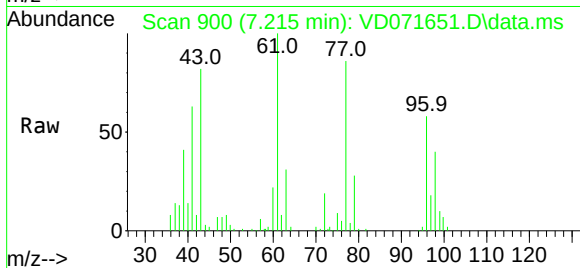
#25
2-Butanone
Concen: 93.752 ug/l
RT: 7.215 min Scan# 900
Delta R.T. 0.006 min
Lab File: VD071651.D
Acq: 10 Jan 2022 11:01

Instrument :
MSVOA_D
ClientSampleId :
VD0110SBS01

Tgt Ion: 43 Resp: 102850
Ion Ratio Lower Upper
43 100
72 22.9 16.4 24.6

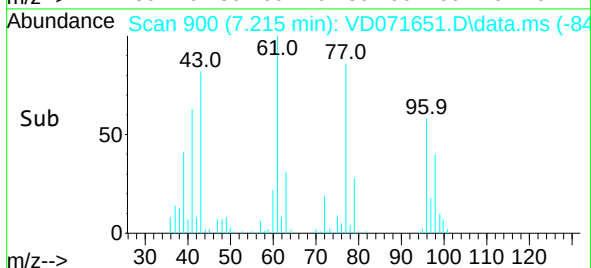
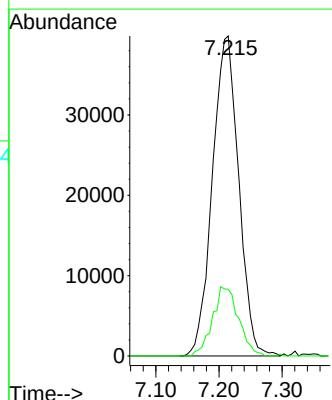
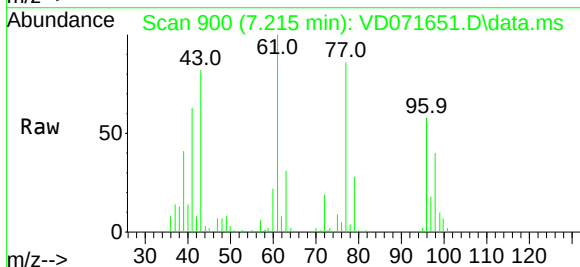
Manual Integrations
APPROVED

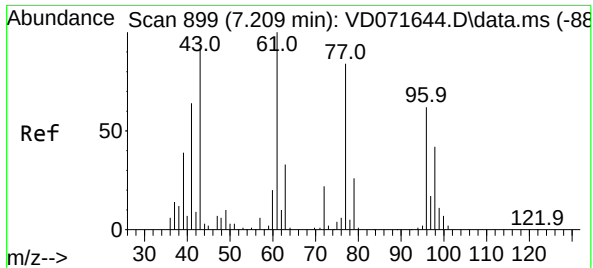
Reviewed By :John Carlone 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022



#26
2,2-Dichloropropane
Concen: 20.125 ug/l
RT: 7.215 min Scan# 900
Delta R.T. 0.006 min
Lab File: VD071651.D
Acq: 10 Jan 2022 11:01

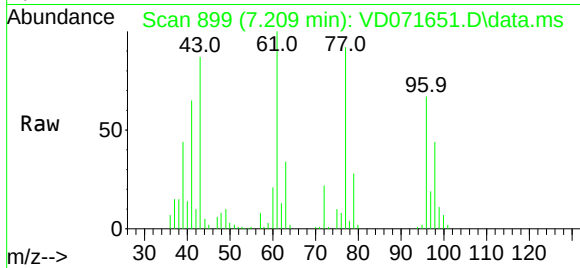
Tgt Ion: 77 Resp: 115083
Ion Ratio Lower Upper
77 100
97 21.3 10.7 32.1





#27
 cis-1,2-Dichloroethene
 Concen: 20.387 ug/l
 RT: 7.209 min Scan# 899
 Delta R.T. -0.005 min
 Lab File: VD071651.D
 Acq: 10 Jan 2022 11:01

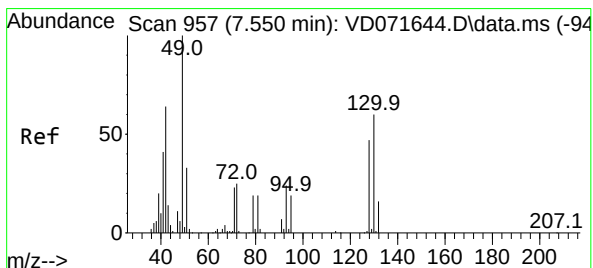
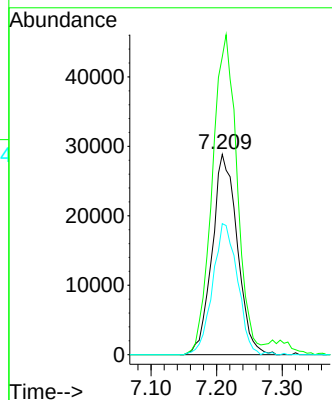
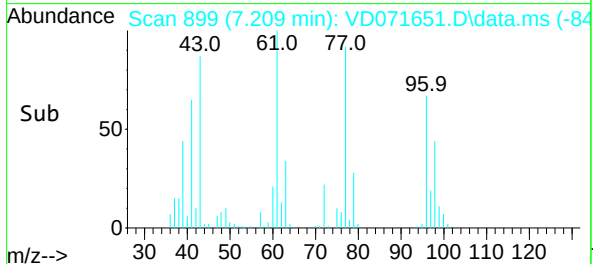
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0110SBS01



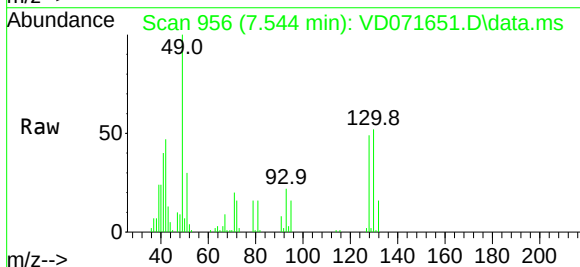
Tgt Ion: 96 Resp: 7678
 Ion Ratio Lower Upper
 96 100
 61 157.8 0.0 322.8
 98 64.5 0.0 130.8

Manual Integrations
 APPROVED

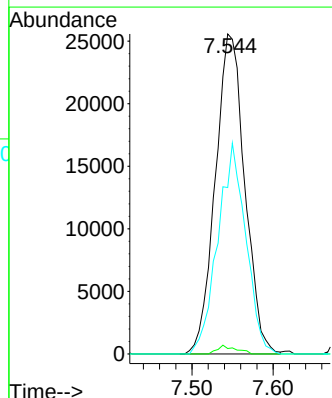
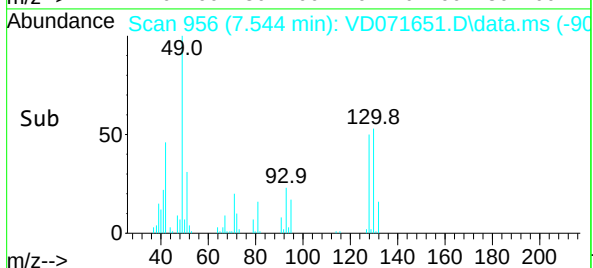
Reviewed By :John Carlone 01/12/2022
 Supervised By :Mahesh Dadoda 01/12/2022

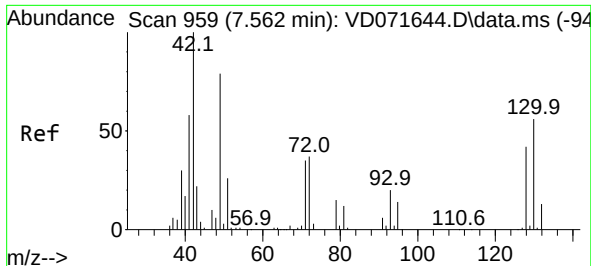


#28
 Bromochloromethane
 Concen: 19.470 ug/l
 RT: 7.544 min Scan# 956
 Delta R.T. -0.005 min
 Lab File: VD071651.D
 Acq: 10 Jan 2022 11:01



Tgt Ion: 49 Resp: 64587
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 4.2
 130 62.7 48.9 73.3





#29

Tetrahydrofuran

Concen: 100.143 ug/l

RT: 7.556 min Scan# 91

Delta R.T. -0.005 min

Lab File: VD071651.D

Acq: 10 Jan 2022 11:01

Instrument :

MSVOA_D

ClientSampleId :

VD0110SBS01

Tgt Ion: 42 Resp: 63200

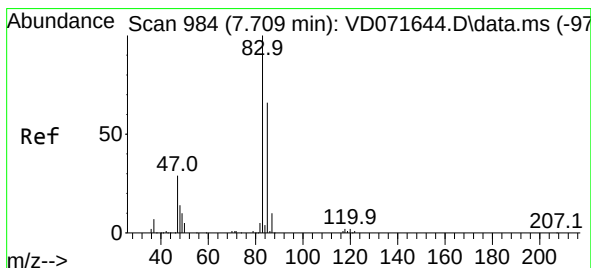
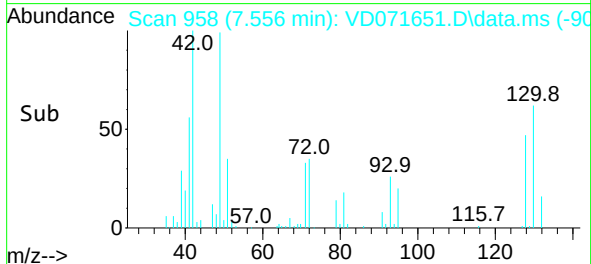
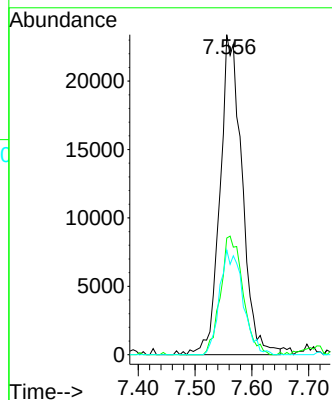
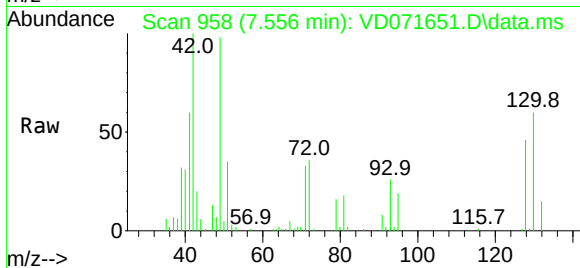
Ion	Ratio	Lower	Upper
42	100		
72	37.5	29.6	44.4
71	34.2	27.3	40.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/12/2022

Supervised By :Mahesh Dadoda 01/12/2022



#30

Chloroform

Concen: 19.857 ug/l

RT: 7.709 min Scan# 984

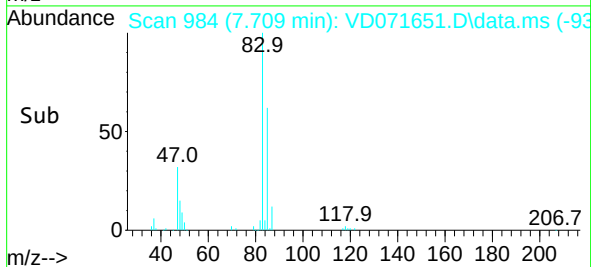
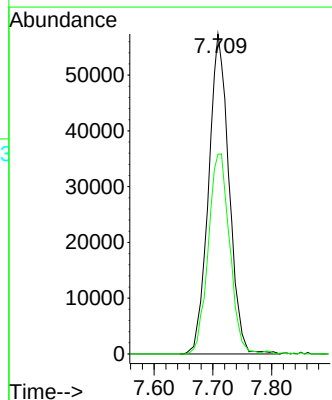
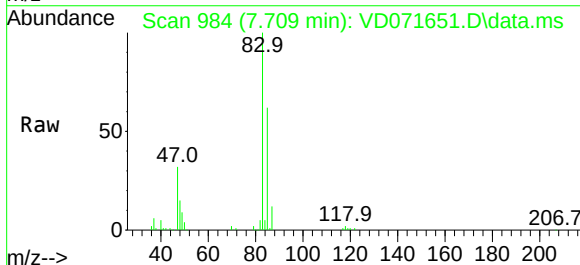
Delta R.T. -0.005 min

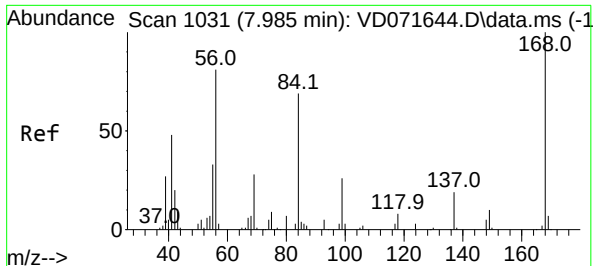
Lab File: VD071651.D

Acq: 10 Jan 2022 11:01

Tgt Ion: 83 Resp: 138273

Ion	Ratio	Lower	Upper
83	100		
85	62.4	52.4	78.6





#31

Cyclohexane

Concen: 21.396 ug/l

RT: 7.991 min Scan# 1032

Delta R.T. 0.001 min

Lab File: VD071651.D

Acq: 10 Jan 2022 11:01

Instrument :

MSVOA_D

ClientSampleId :

VD0110SBS01

Tgt Ion: 56 Resp: 11808

Ion Ratio Lower Upper

56 100

69 33.9 21.7 32.5

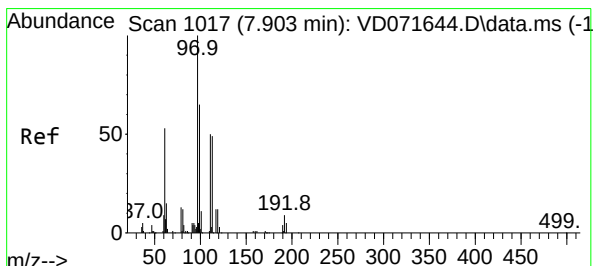
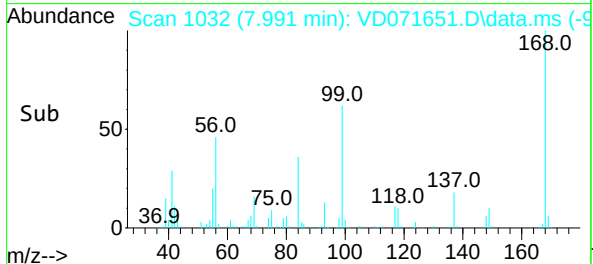
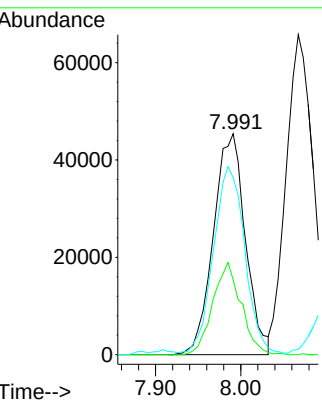
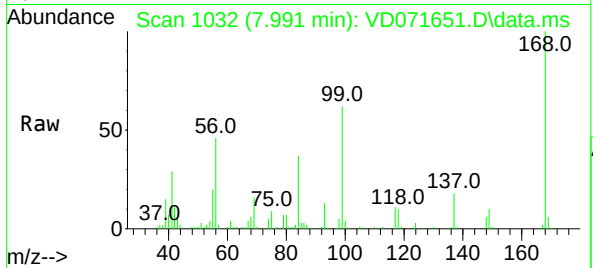
84 78.7 65.7 98.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/12/2022

Supervised By :Mahesh Dadoda 01/12/2022



#32

1,1,1-Trichloroethane

Concen: 20.494 ug/l

RT: 7.903 min Scan# 1017

Delta R.T. 0.001 min

Lab File: VD071651.D

Acq: 10 Jan 2022 11:01

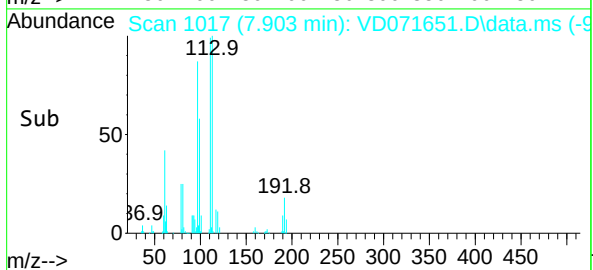
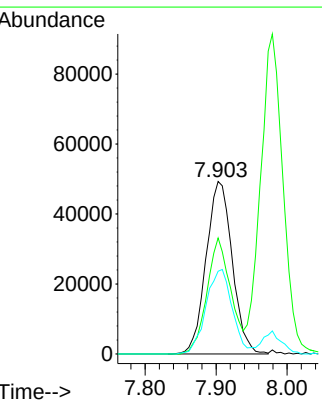
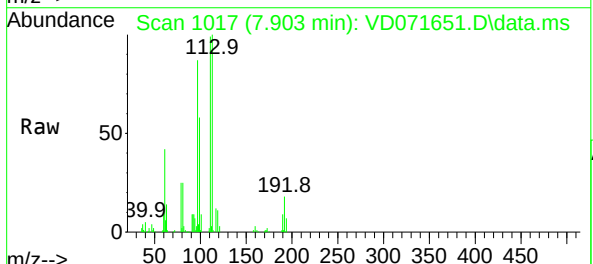
Tgt Ion: 97 Resp: 125781

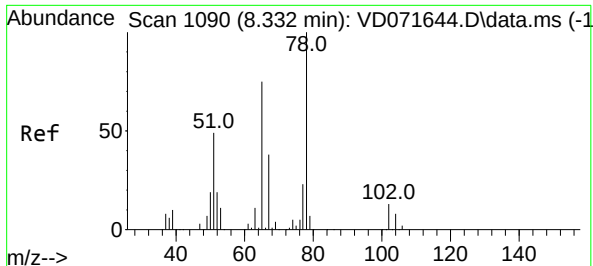
Ion Ratio Lower Upper

97 100

99 61.3 51.8 77.6

61 49.3 40.5 60.7





#33

1,2-Dichloroethane-d4

Concen: 51.081 ug/l

RT: 8.332 min Scan# 1090

Delta R.T. 0.000 min

Lab File: VD071651.D

Acq: 10 Jan 2022 11:01

Instrument :

MSVOA_D

ClientSampleId :

VD0110SBS01

Tgt Ion: 65 Resp: 20543

Ion Ratio Lower Upper

65 100

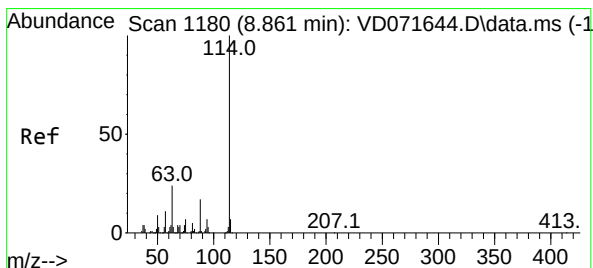
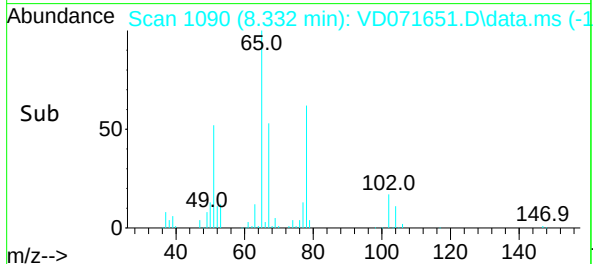
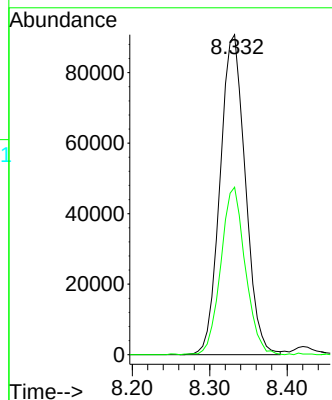
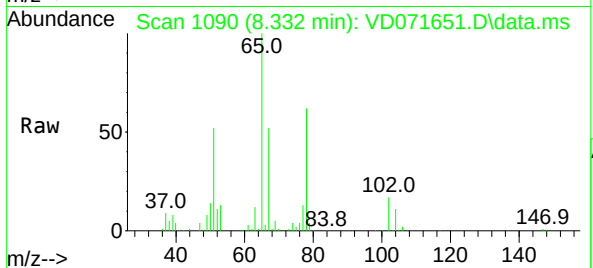
67 50.8 0.0 101.2

Manual Integrations

APPROVED

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: VD071651.D

Acq: 10 Jan 2022 11:01

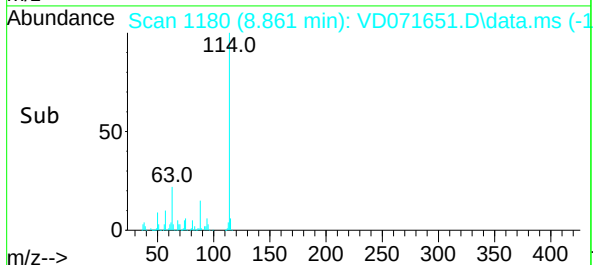
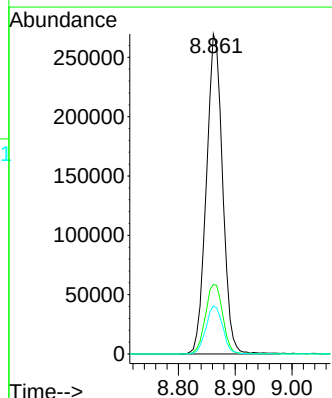
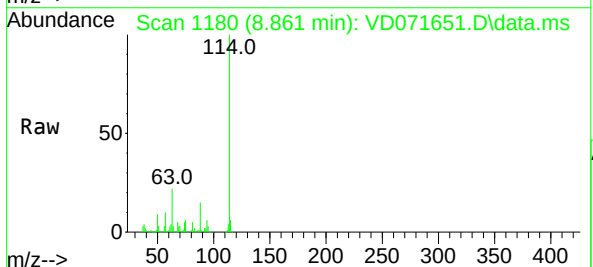
Tgt Ion:114 Resp: 533596

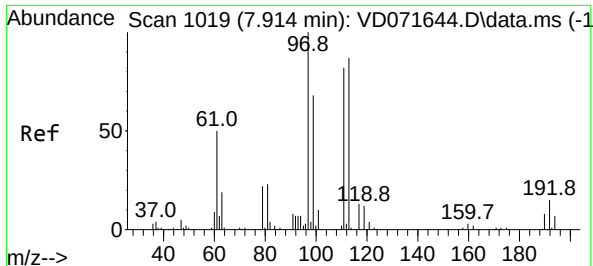
Ion Ratio Lower Upper

114 100

63 21.7 0.0 46.2

88 15.1 0.0 32.0





#35

Dibromofluoromethane

Concen: 49.242 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.000 min

Lab File: VD071651.D

Acq: 10 Jan 2022 11:01

Instrument :

MSVOA_D

ClientSampleId :

VD0110SBS01

Tgt Ion: 113 Resp: 17364

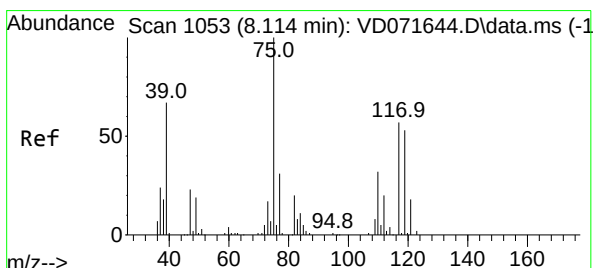
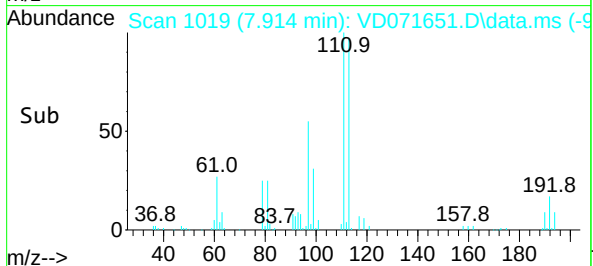
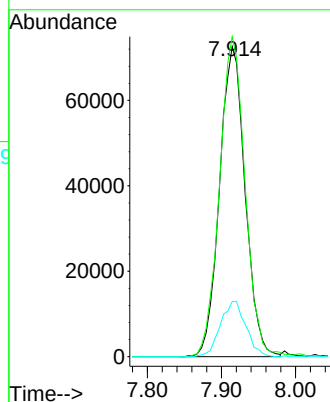
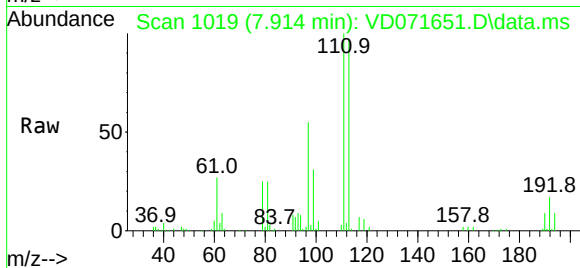
Ion	Ratio	Lower	Upper
113	100		
111	103.4	82.2	123.4
192	17.8	14.2	21.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/12/2022

Supervised By :Mahesh Dadoda 01/12/2022



#36

1,1-Dichloropropene

Concen: 20.275 ug/l

RT: 8.114 min Scan# 1053

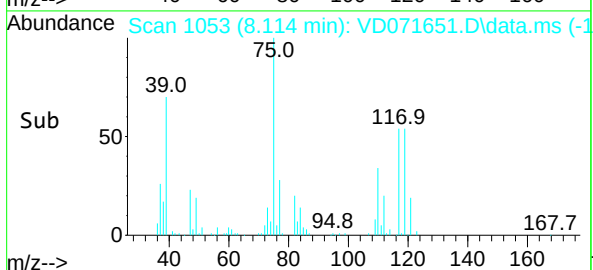
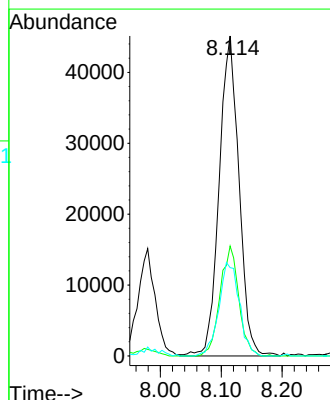
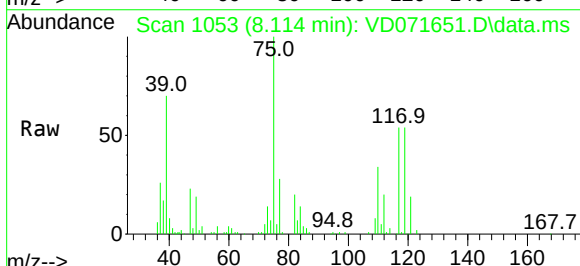
Delta R.T. 0.000 min

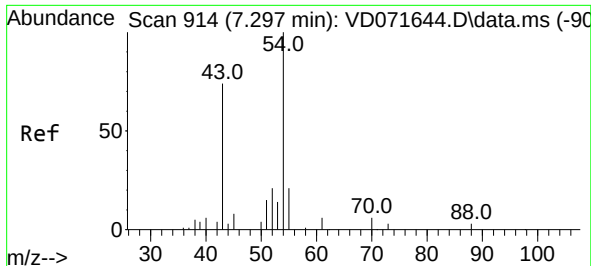
Lab File: VD071651.D

Acq: 10 Jan 2022 11:01

Tgt Ion: 75 Resp: 101987

Ion	Ratio	Lower	Upper
75	100		
110	32.4	16.0	48.0
77	30.2	24.5	36.7





#37

Ethyl Acetate

Concen: 17.585 ug/l

RT: 7.291 min Scan# 914

Delta R.T. -0.000 min

Lab File: VD071651.D

Acq: 10 Jan 2022 11:01

Instrument :

MSVOA_D

ClientSampleId :

VD0110SBS01

Tgt Ion: 43 Resp: 41054

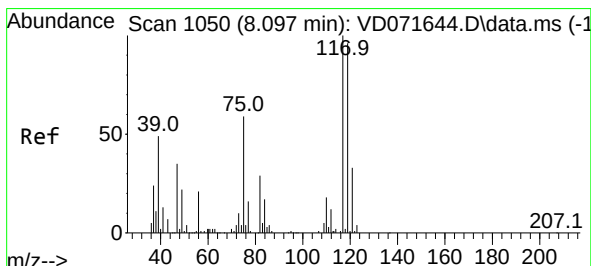
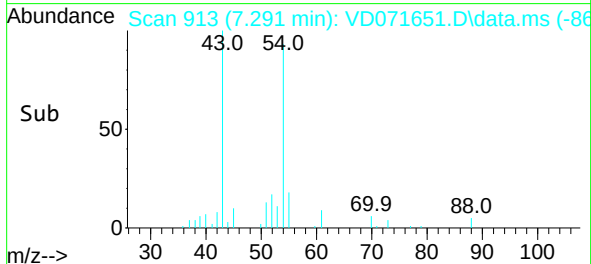
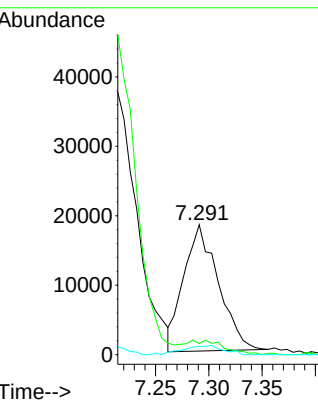
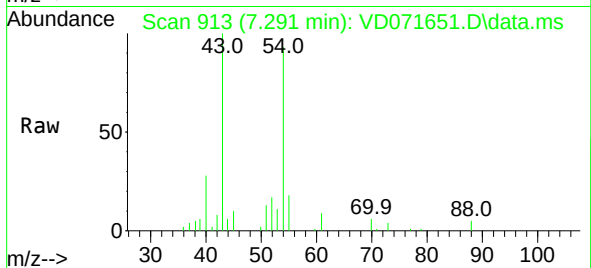
Ion	Ratio	Lower	Upper
43	100		
61	0.0	11.0	16.4
70	8.5	7.4	11.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/12/2022

Supervised By :Mahesh Dadoda 01/12/2022



#38

Carbon Tetrachloride

Concen: 20.321 ug/l

RT: 8.097 min Scan# 1050

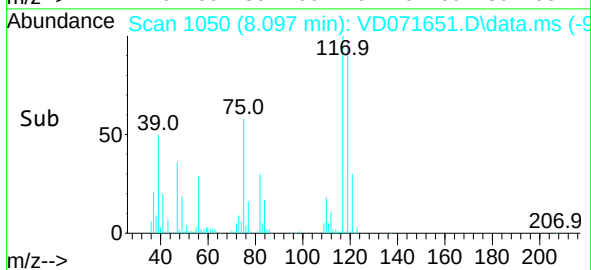
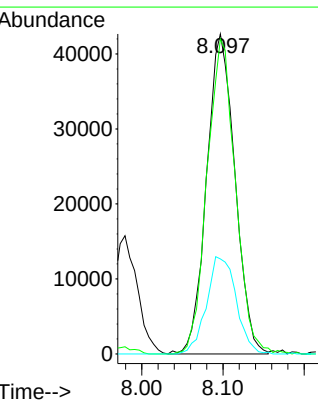
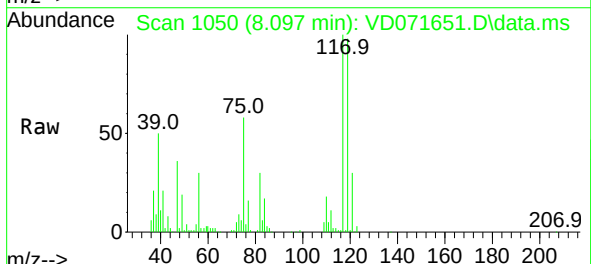
Delta R.T. 0.001 min

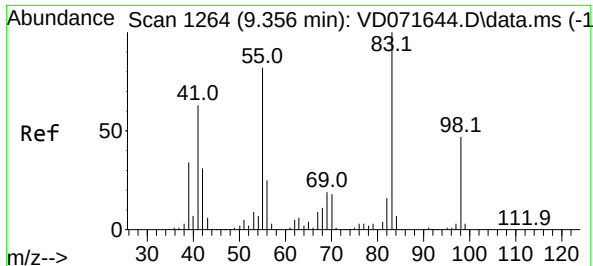
Lab File: VD071651.D

Acq: 10 Jan 2022 11:01

Tgt Ion:117 Resp: 103519

Ion	Ratio	Lower	Upper
117	100		
119	98.4	73.4	110.2
121	29.7	23.9	35.9





#39

Methylcyclohexane

Concen: 20.344 ug/l

RT: 9.356 min Scan# 110538

Delta R.T. 0.001 min

Lab File: VD071651.D

Acq: 10 Jan 2022 11:01

Instrument :

MSVOA_D

ClientSampleId :

VD0110SBS01

Tgt Ion: 83 Resp: 110538

Ion Ratio Lower Upper

83 100

55 80.3 70.1 105.1

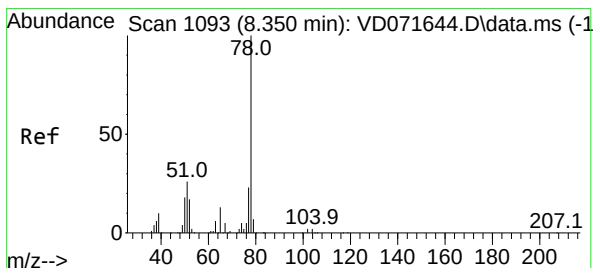
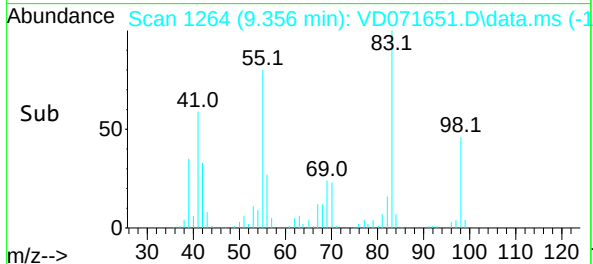
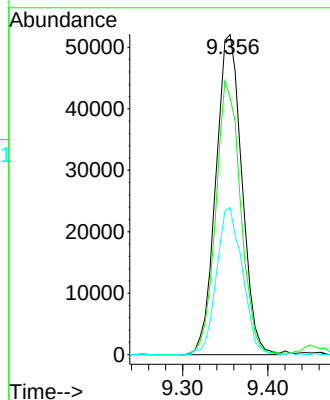
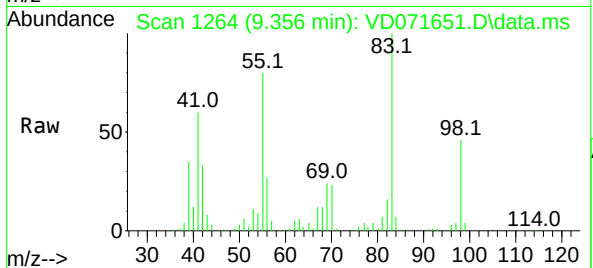
98 46.0 39.2 58.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/12/2022

Supervised By :Mahesh Dadoda 01/12/2022



#40

Benzene

Concen: 19.958 ug/l

RT: 8.356 min Scan# 1094

Delta R.T. 0.007 min

Lab File: VD071651.D

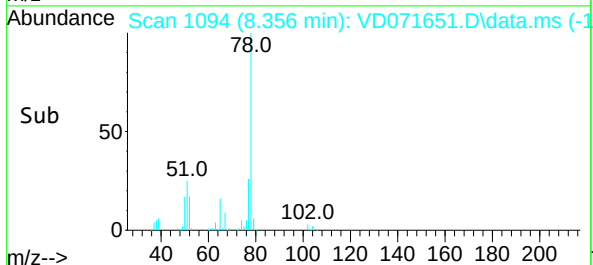
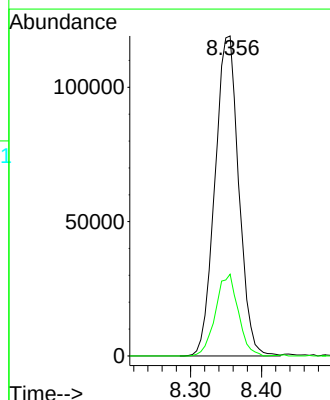
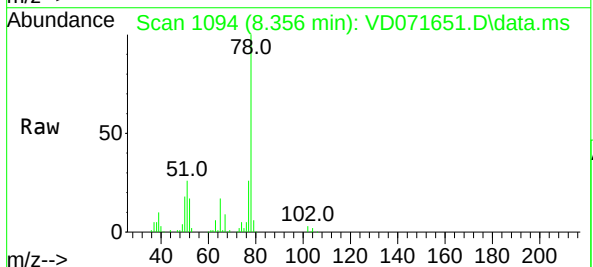
Acq: 10 Jan 2022 11:01

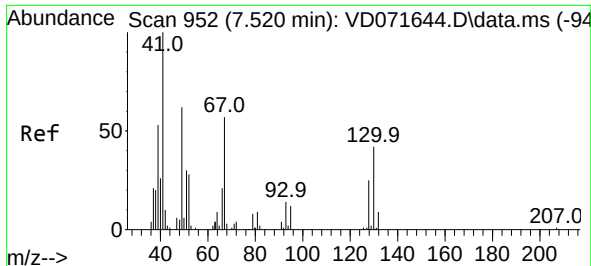
Tgt Ion: 78 Resp: 276614

Ion Ratio Lower Upper

78 100

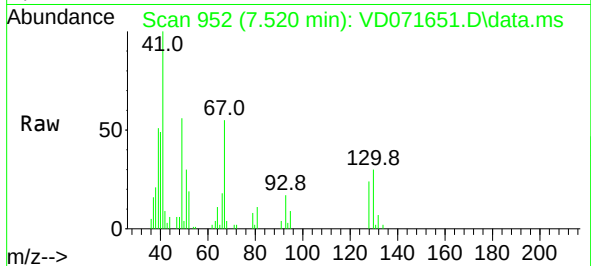
77 25.6 19.4 29.0





#41
Methacrylonitrile
Concen: 20.790 ug/l
RT: 7.520 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD071651.D
Acq: 10 Jan 2022 11:01

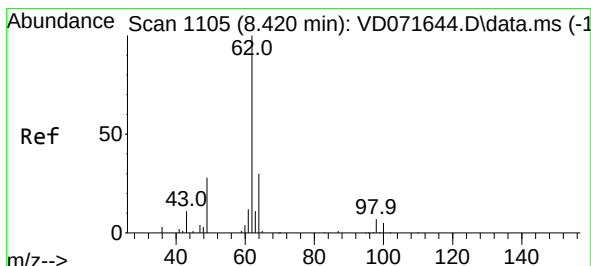
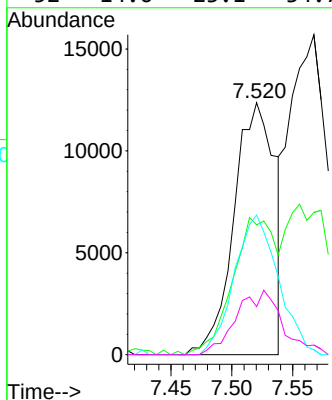
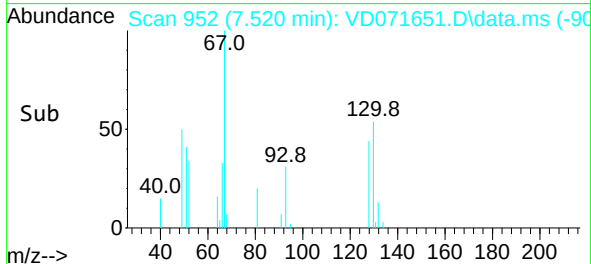
Instrument :
MSVOA_D
ClientSampleId :
VD0110SBS01



Tgt Ion: 41 Resp: 28952
Ion Ratio Lower Upper
41 100
39 56.9 46.9 70.3
67 59.6 49.3 73.9
52 14.6 23.1 34.7#

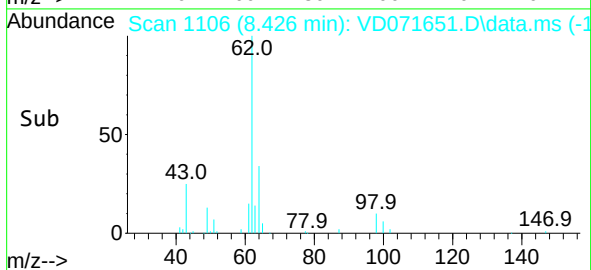
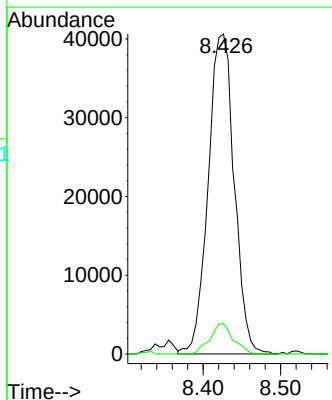
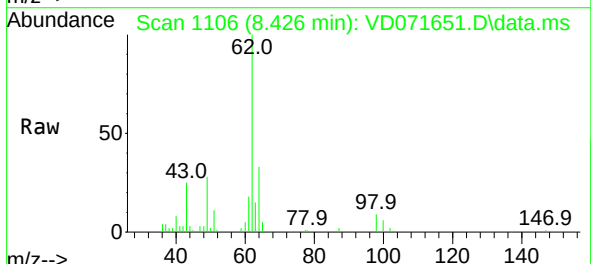
Manual Integrations
APPROVED

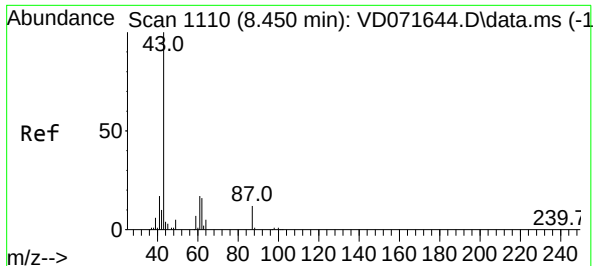
Reviewed By :John Carlone 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022



#42
1,2-Dichloroethane
Concen: 20.223 ug/l
RT: 8.426 min Scan# 1106
Delta R.T. 0.006 min
Lab File: VD071651.D
Acq: 10 Jan 2022 11:01

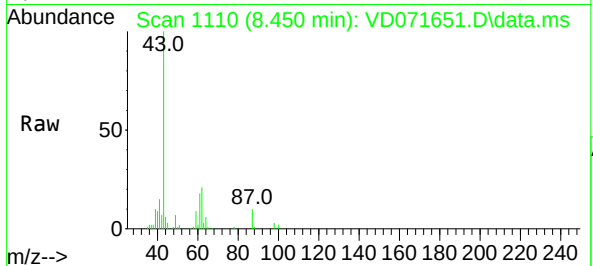
Tgt Ion: 62 Resp: 94876
Ion Ratio Lower Upper
62 100
98 8.4 0.0 15.4





#43
Isopropyl Acetate
Concen: 19.786 ug/l
RT: 8.450 min Scan# 1110
Delta R.T. 0.001 min
Lab File: VD071651.D
Acq: 10 Jan 2022 11:01

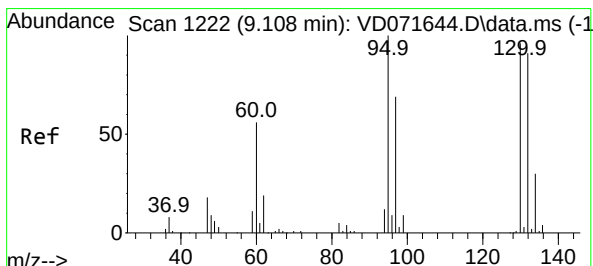
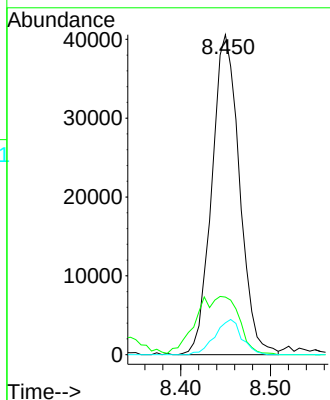
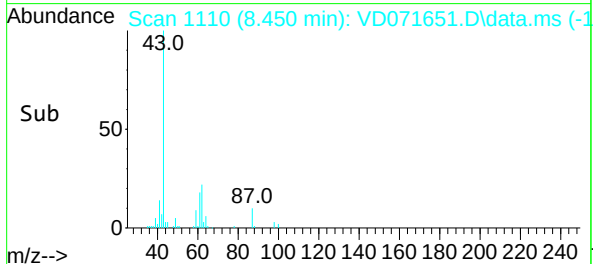
Instrument :
MSVOA_D
ClientSampleId :
VD0110SBS01



Tgt Ion: 43 Resp: 8695
Ion Ratio Lower Upper
43 100
61 28.7 21.9 32.9
87 10.6 8.9 13.3

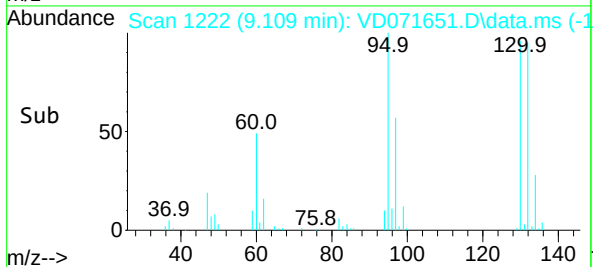
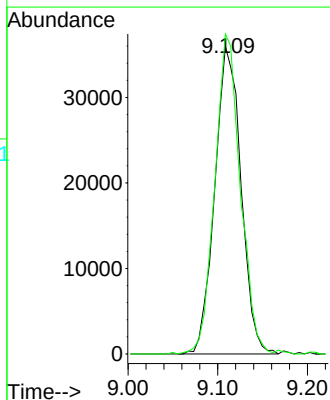
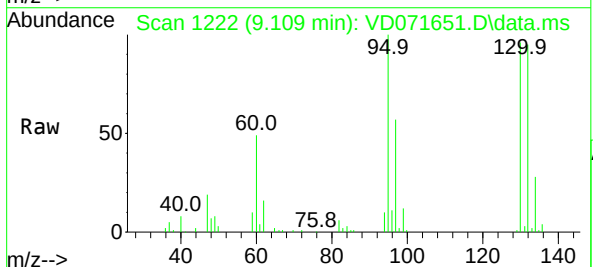
Manual Integrations
APPROVED

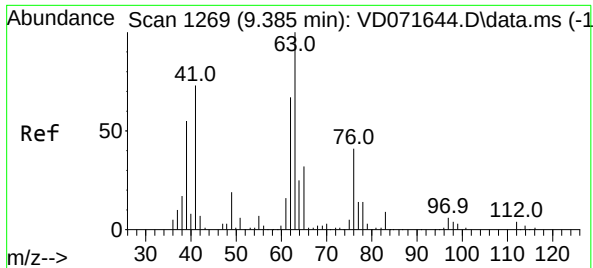
Reviewed By :John Carlone 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022



#44
Trichloroethene
Concen: 20.480 ug/l
RT: 9.109 min Scan# 1222
Delta R.T. -0.005 min
Lab File: VD071651.D
Acq: 10 Jan 2022 11:01

Tgt Ion:130 Resp: 73047
Ion Ratio Lower Upper
130 100
95 104.0 0.0 214.4





#45

1,2-Dichloropropane

Concen: 19.819 ug/l

RT: 9.385 min Scan# 1269

Delta R.T. -0.000 min

Lab File: VD071651.D

Acq: 10 Jan 2022 11:01

Instrument :

MSVOA_D

ClientSampleId :

VD0110SBS01

Tgt Ion: 63 Resp: 7425

Ion Ratio Lower Upper

63 100

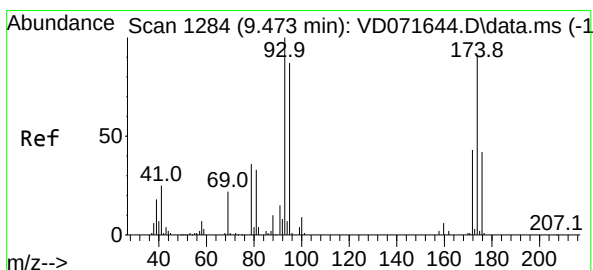
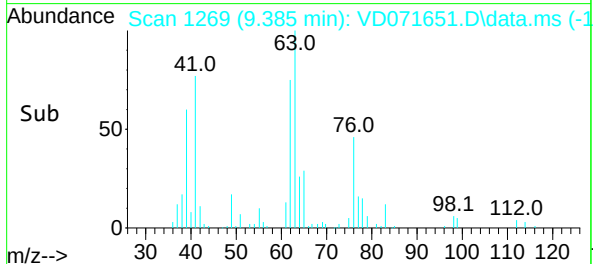
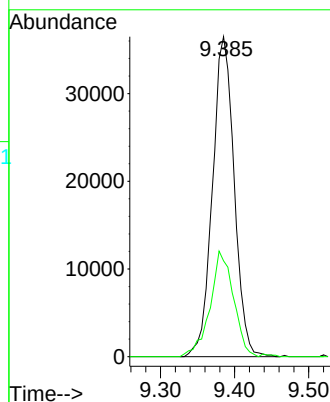
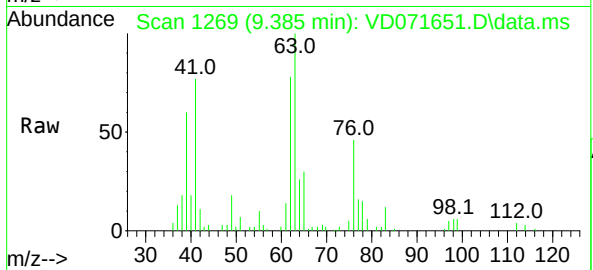
65 30.0 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/12/2022

Supervised By :Mahesh Dadoda 01/12/2022



#46

Dibromomethane

Concen: 20.038 ug/l

RT: 9.473 min Scan# 1284

Delta R.T. 0.000 min

Lab File: VD071651.D

Acq: 10 Jan 2022 11:01

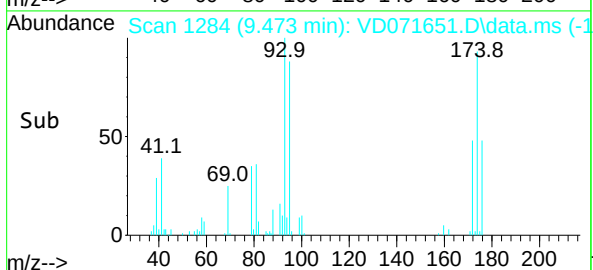
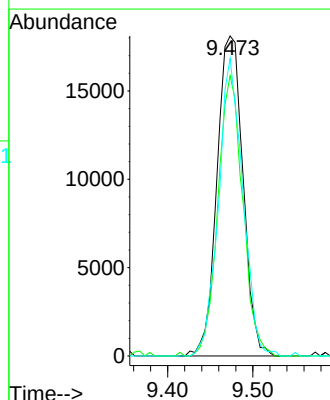
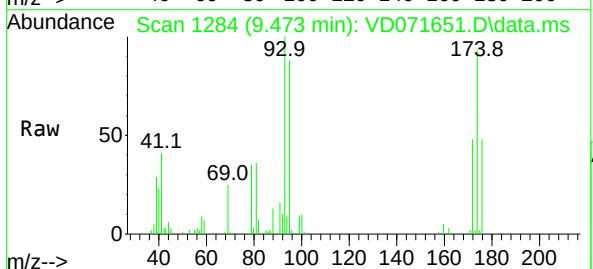
Tgt Ion: 93 Resp: 38426

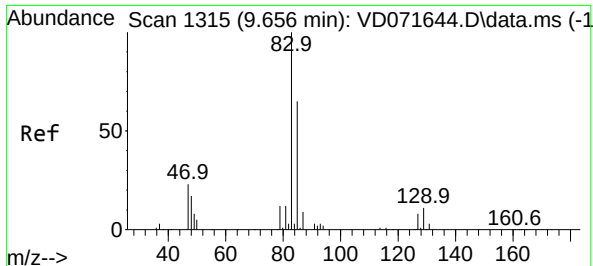
Ion Ratio Lower Upper

93 100

95 83.5 65.1 97.7

174 87.2 68.1 102.1





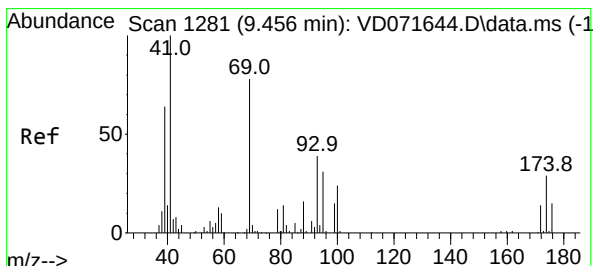
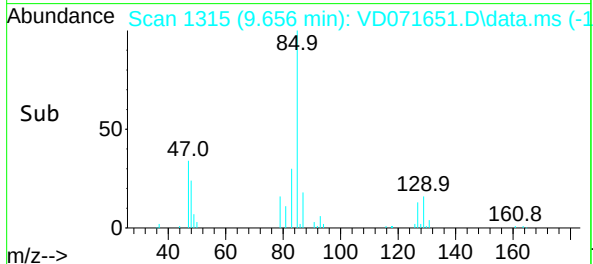
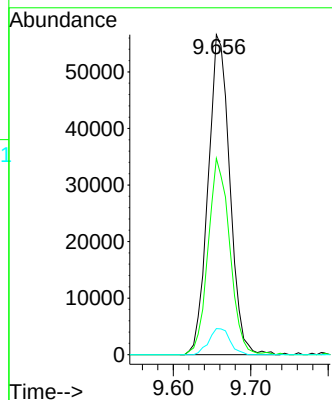
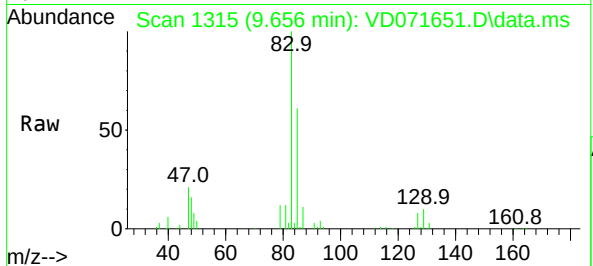
#47
Bromodichloromethane
Concen: 20.910 ug/l
RT: 9.656 min Scan# 1315
Delta R.T. -0.005 min
Lab File: VD071651.D
Acq: 10 Jan 2022 11:01

Instrument :
MSVOA_D
ClientSampleId :
VD0110SBS01

Tgt Ion: 83 Resp: 110090
Ion Ratio Lower Upper
83 100
85 61.3 50.6 75.8
127 8.1 6.1 9.1

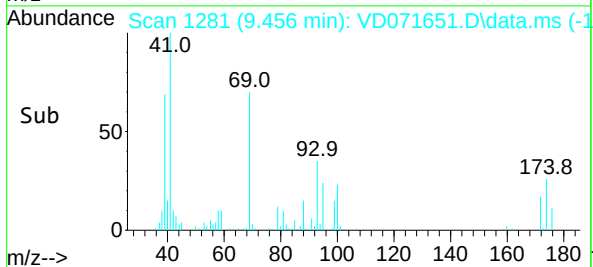
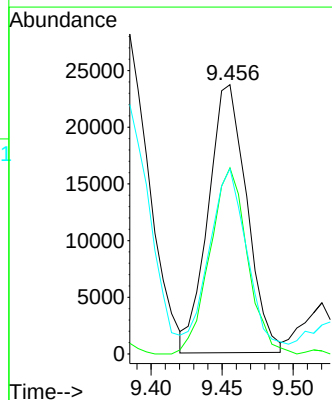
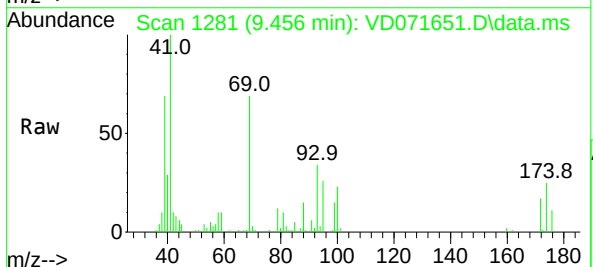
Manual Integrations
APPROVED

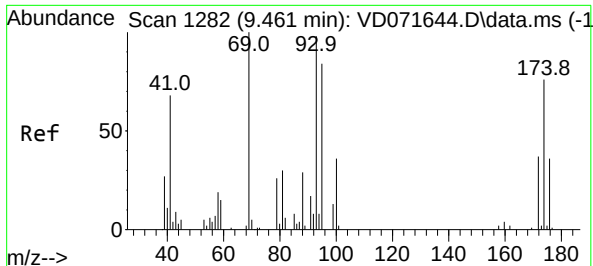
Reviewed By :John Carlone 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022



#48
Methyl methacrylate
Concen: 20.116 ug/l
RT: 9.456 min Scan# 1281
Delta R.T. 0.001 min
Lab File: VD071651.D
Acq: 10 Jan 2022 11:01

Tgt Ion: 41 Resp: 44673
Ion Ratio Lower Upper
41 100
69 67.4 59.5 89.3
39 69.7 56.0 84.0





#49

1,4-Dioxane

Concen: 424.058 ug/l

RT: 9.456 min Scan# 1282

Delta R.T. 0.001 min

Lab File: VD071651.D

Acq: 10 Jan 2022 11:01

Instrument :

MSVOA_D

ClientSampleId :

VD0110SBS01

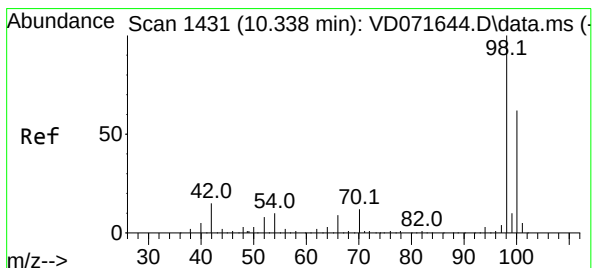
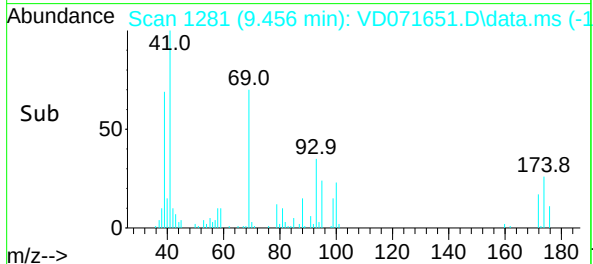
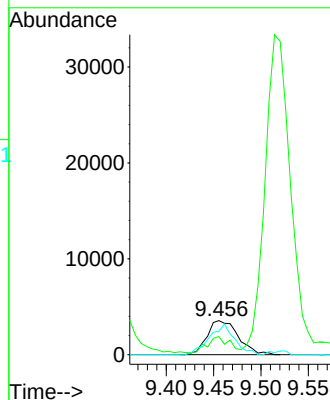
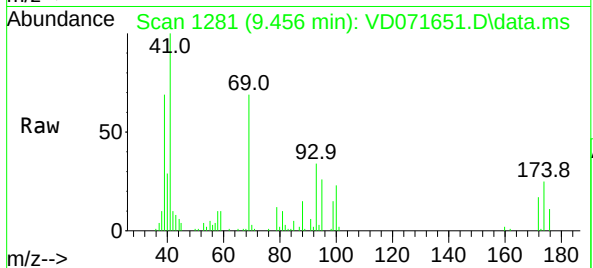
Tgt Ion: 88 Resp: 815
 Ion Ratio Lower Upper
 88 100
 43 35.3 34.6 52.0
 58 71.9 62.0 93.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/12/2022

Supervised By :Mahesh Dadoda 01/12/2022



#50

Toluene-d8

Concen: 51.118 ug/l

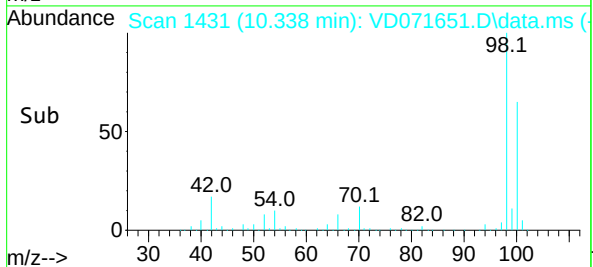
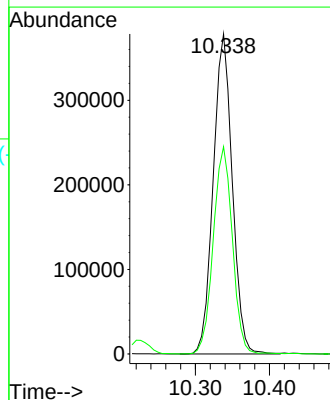
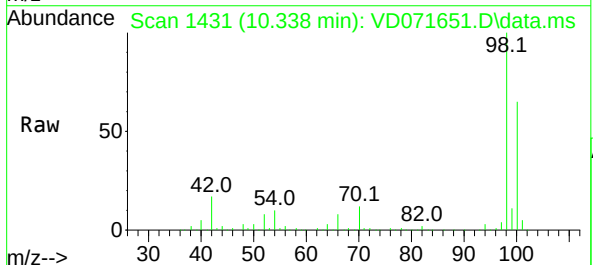
RT: 10.338 min Scan# 1431

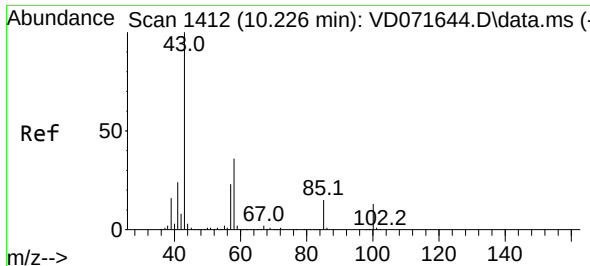
Delta R.T. 0.001 min

Lab File: VD071651.D

Acq: 10 Jan 2022 11:01

Tgt Ion: 98 Resp: 674786
 Ion Ratio Lower Upper
 98 100
 100 65.1 52.1 78.1





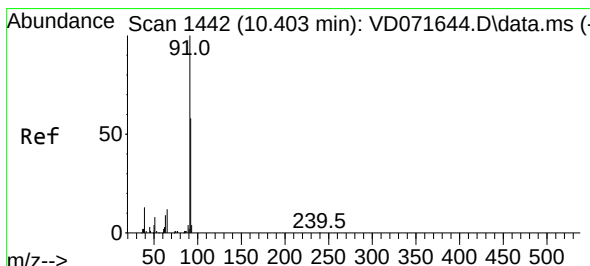
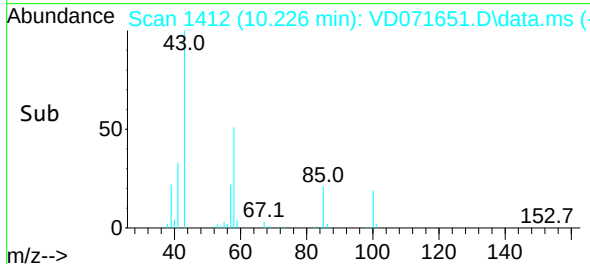
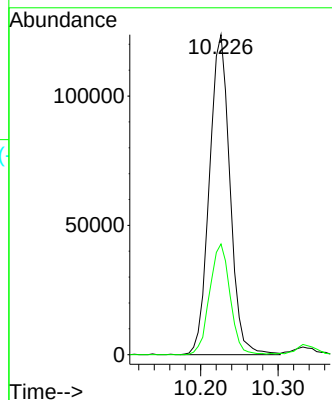
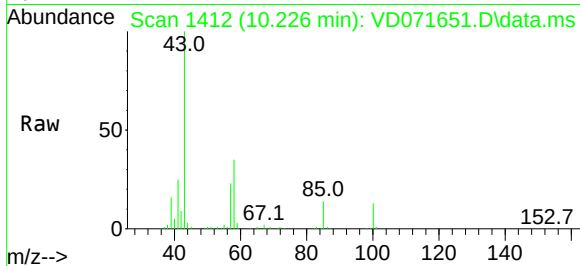
#51
4-Methyl-2-Pentanone
Concen: 98.149 ug/l
RT: 10.226 min Scan# 1412
Delta R.T. 0.000 min
Lab File: VD071651.D
Acq: 10 Jan 2022 11:01

Instrument :
MSVOA_D
ClientSampleId :
VD0110SBS01

Tgt Ion: 43 Resp: 227839
Ion Ratio Lower Upper
43 100
58 34.4 28.2 42.2

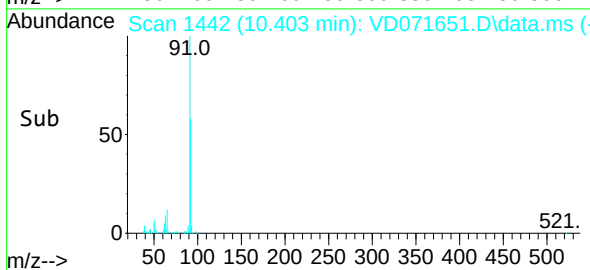
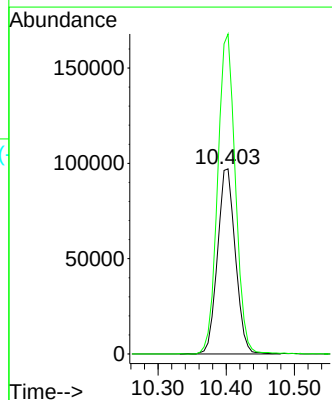
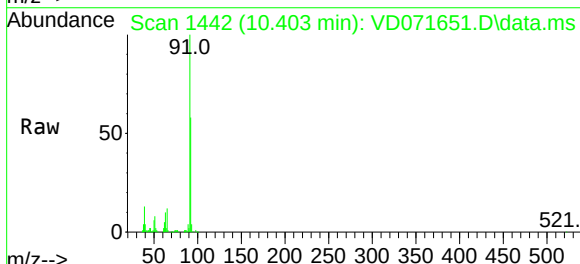
Manual Integrations
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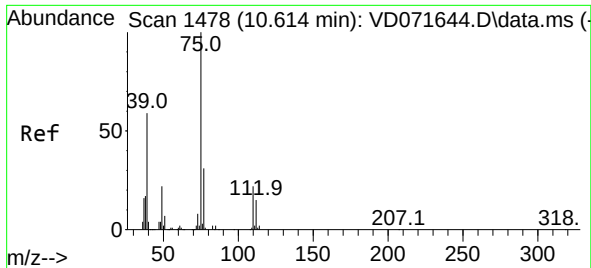
Reviewed By :John Carlone 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022



#52
Toluene
Concen: 20.300 ug/l
RT: 10.403 min Scan# 1442
Delta R.T. 0.001 min
Lab File: VD071651.D
Acq: 10 Jan 2022 11:01

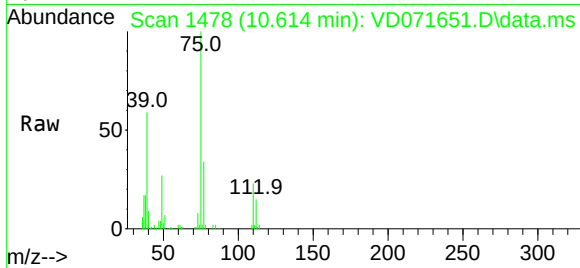
Tgt Ion: 92 Resp: 177102
Ion Ratio Lower Upper
92 100
91 171.8 137.3 205.9





#53
t-1,3-Dichloropropene
Concen: 20.068 ug/l
RT: 10.614 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VD071651.D
Acq: 10 Jan 2022 11:01

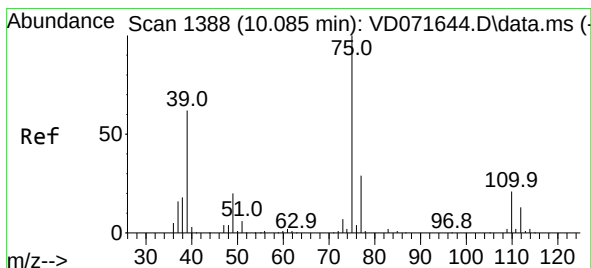
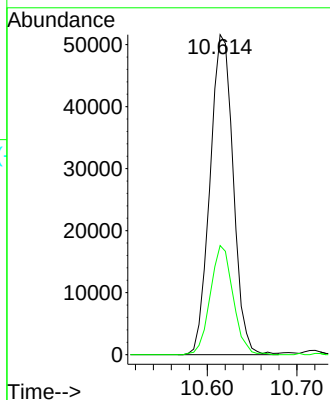
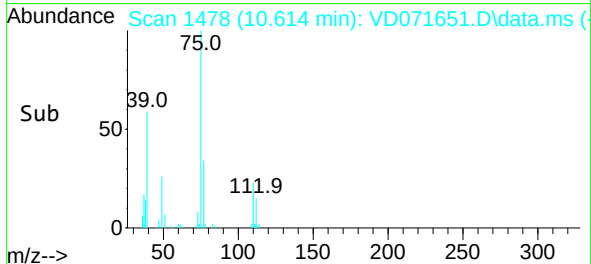
Instrument :
MSVOA_D
ClientSampleId :
VD0110SBS01



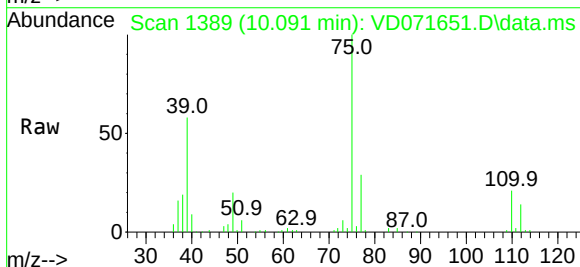
Tgt Ion: 75 Resp: 92680
Ion Ratio Lower Upper
75 100
77 34.1 24.2 36.2

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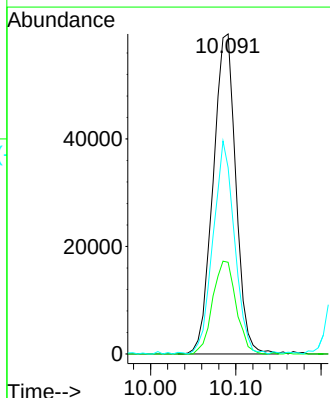
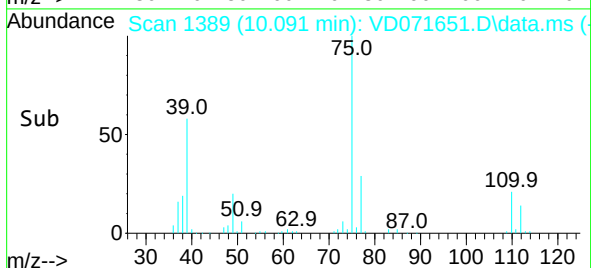
Reviewed By :John Carlone 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022

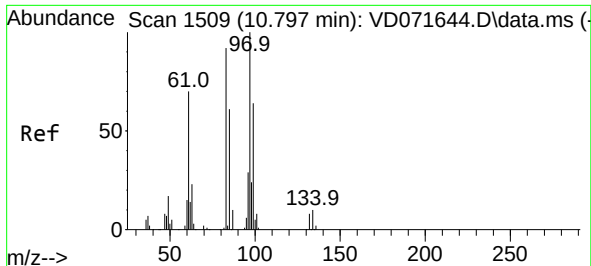


#54
cis-1,3-Dichloropropene
Concen: 20.255 ug/l
RT: 10.091 min Scan# 1389
Delta R.T. 0.006 min
Lab File: VD071651.D
Acq: 10 Jan 2022 11:01



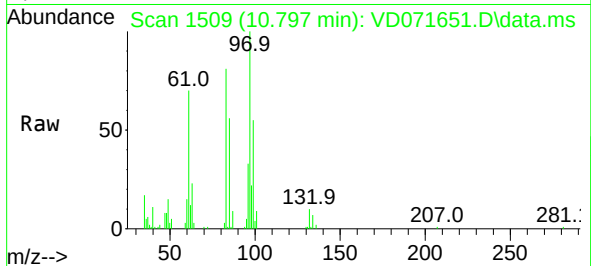
Tgt Ion: 75 Resp: 110301
Ion Ratio Lower Upper
75 100
77 28.7 25.0 37.6
39 57.8 49.8 74.8





#55
1,1,2-Trichloroethane
Concen: 21.186 ug/l
RT: 10.797 min Scan# 1509
Delta R.T. 0.001 min
Lab File: VD071651.D
Acq: 10 Jan 2022 11:01

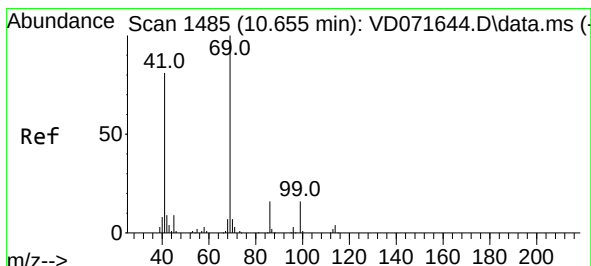
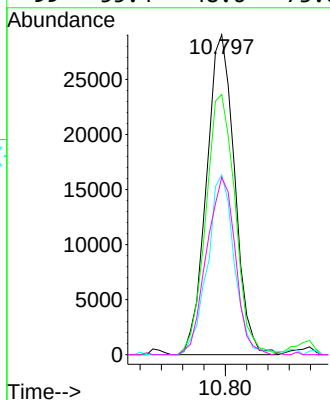
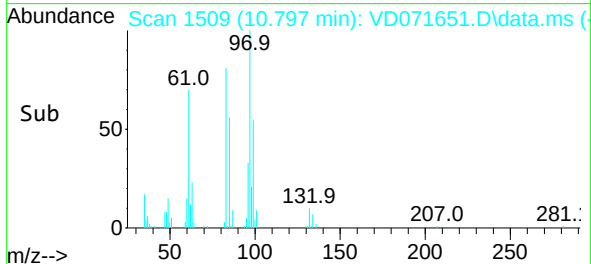
Instrument :
MSVOA_D
ClientSampleId :
VD0110SBS01



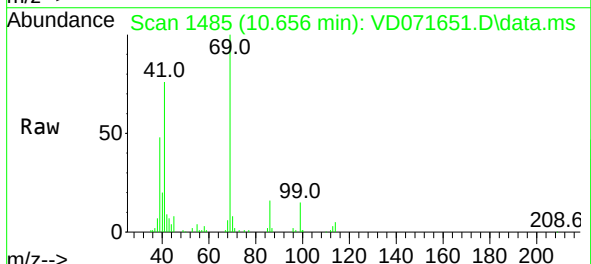
Tgt Ion: 97 Resp: 5326
Ion Ratio Lower Upper
97 100
83 81.4 68.1 102.1
85 56.2 46.8 70.2
99 55.4 48.6 73.0

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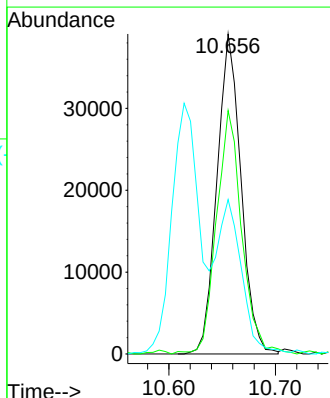
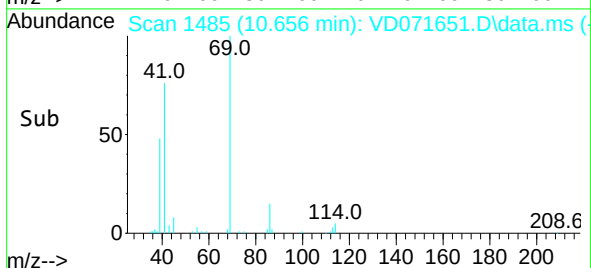
Reviewed By :John Carlone 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022

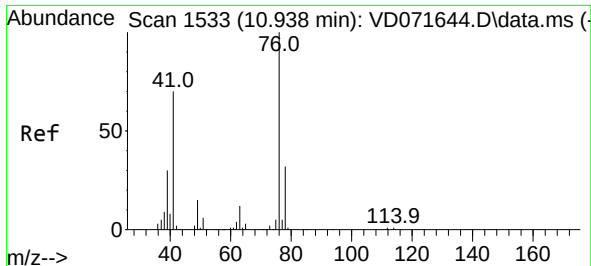


#56
Ethyl methacrylate
Concen: 19.876 ug/l
RT: 10.656 min Scan# 1485
Delta R.T. 0.001 min
Lab File: VD071651.D
Acq: 10 Jan 2022 11:01



Tgt Ion: 69 Resp: 61250
Ion Ratio Lower Upper
69 100
41 79.9 65.8 98.6
39 48.0 38.7 58.1





#57

1,3-Dichloropropane

Concen: 19.818 ug/l

RT: 10.944 min Scan# 1534

Delta R.T. 0.001 min

Lab File: VD071651.D

Acq: 10 Jan 2022 11:01

Instrument :

MSVOA_D

ClientSampleId :

VD0110SBS01

Tgt Ion: 76 Resp: 9206

Ion Ratio Lower Upper

76 100

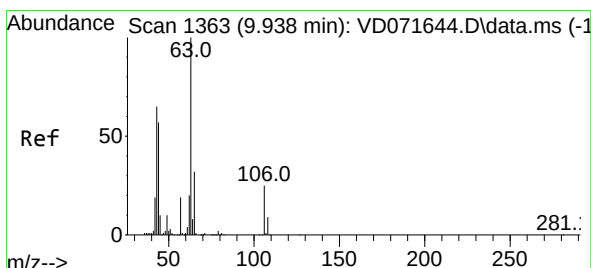
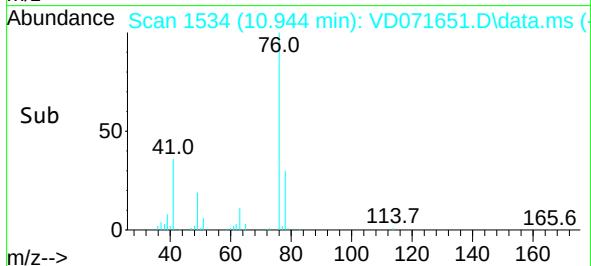
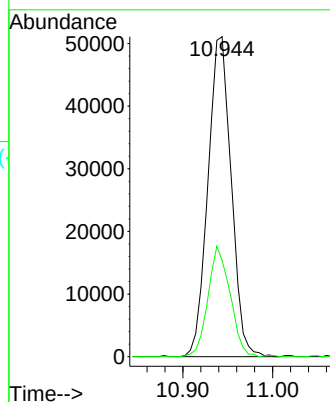
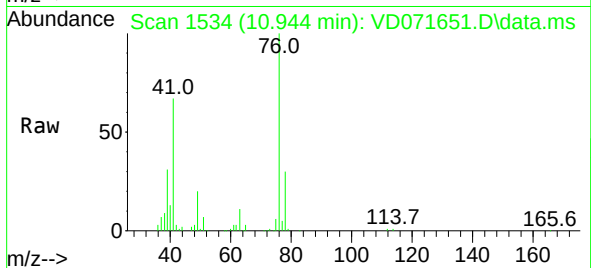
78 32.7 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/12/2022

Supervised By :Mahesh Dadoda 01/12/2022



#58

2-Chloroethyl Vinyl ether

Concen: 96.733 ug/l

RT: 9.938 min Scan# 1363

Delta R.T. 0.001 min

Lab File: VD071651.D

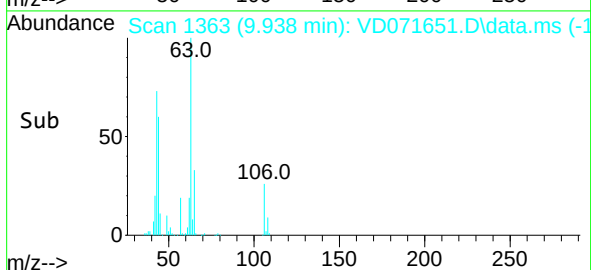
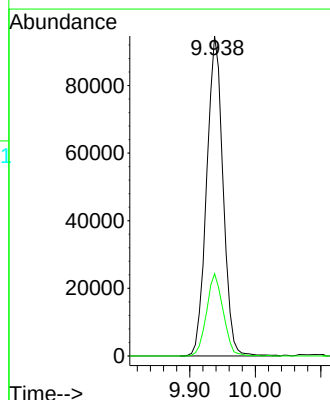
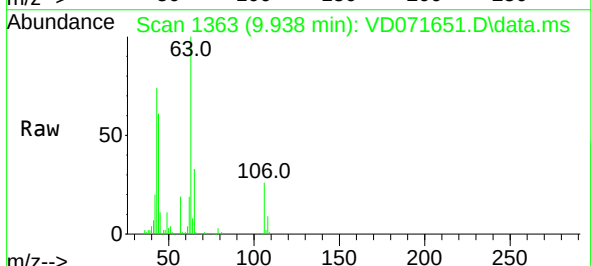
Acq: 10 Jan 2022 11:01

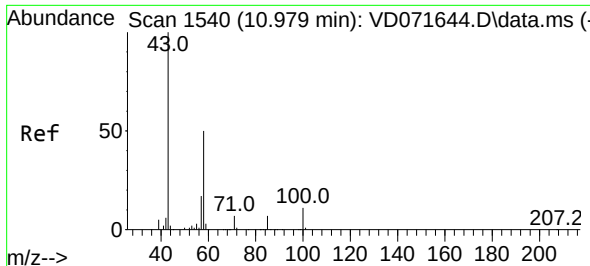
Tgt Ion: 63 Resp: 164557

Ion Ratio Lower Upper

63 100

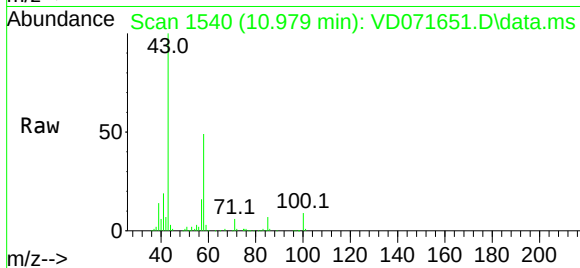
106 26.0 20.7 31.1





#59
2-Hexanone
Concen: 98.814 ug/l
RT: 10.979 min Scan# 1540
Delta R.T. 0.000 min
Lab File: VD071651.D
Acq: 10 Jan 2022 11:01

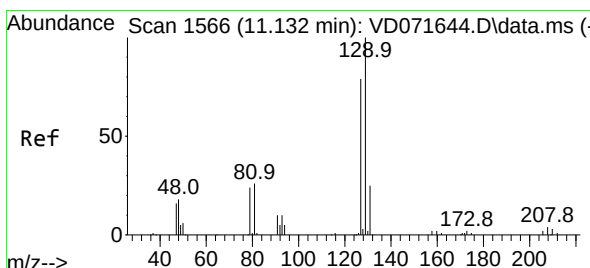
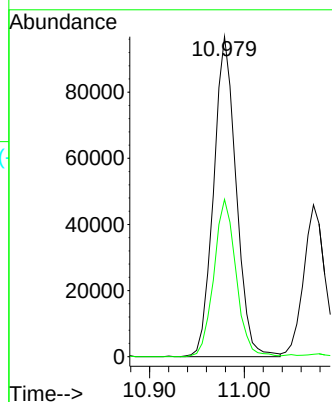
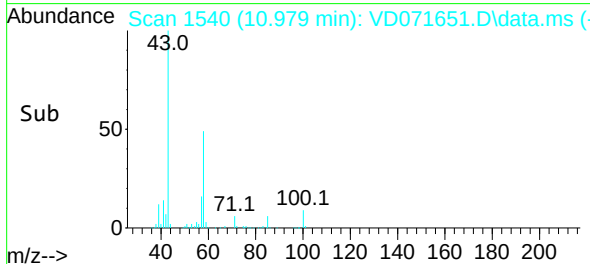
Instrument :
MSVOA_D
ClientSampleId :
VD0110SBS01



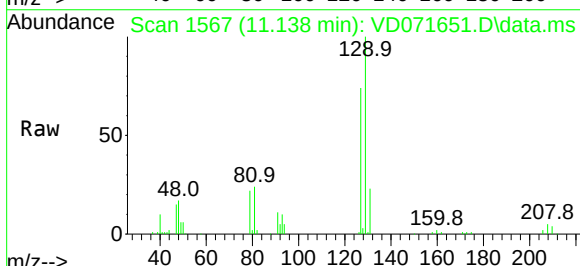
Tgt Ion: 43 Resp: 16021
Ion Ratio Lower Upper
43 100
58 48.5 24.3 72.8

Manual Integrations
APPROVED

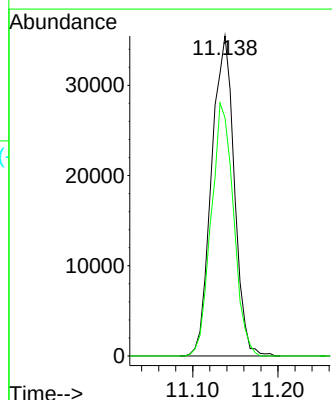
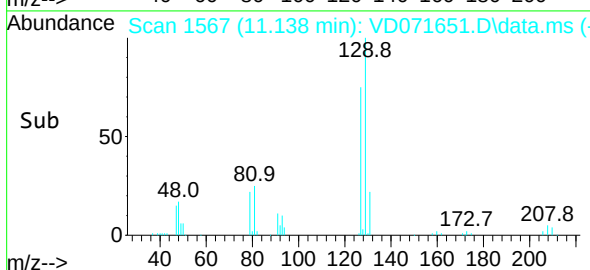
Reviewed By :John Carlone 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022

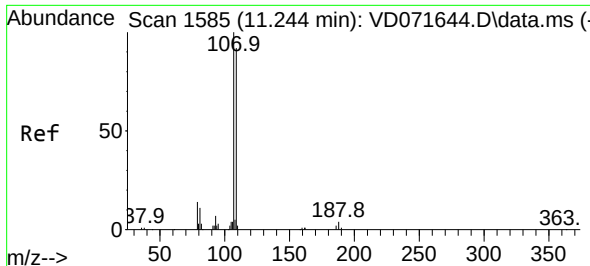


#60
Dibromochloromethane
Concen: 20.494 ug/l
RT: 11.138 min Scan# 1567
Delta R.T. 0.001 min
Lab File: VD071651.D
Acq: 10 Jan 2022 11:01



Tgt Ion:129 Resp: 65580
Ion Ratio Lower Upper
129 100
127 77.8 39.1 117.3





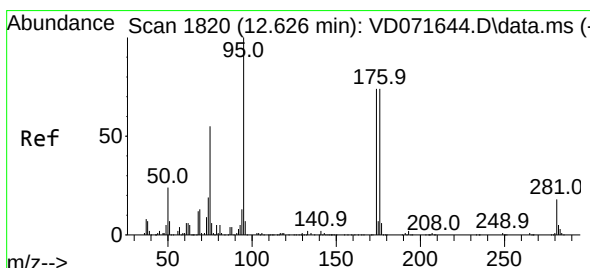
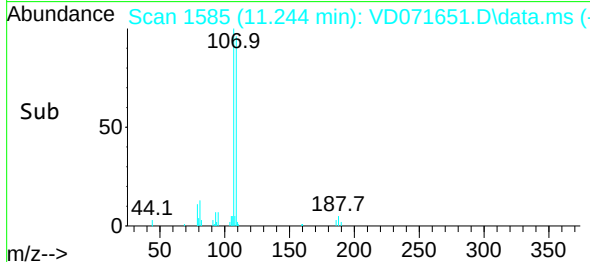
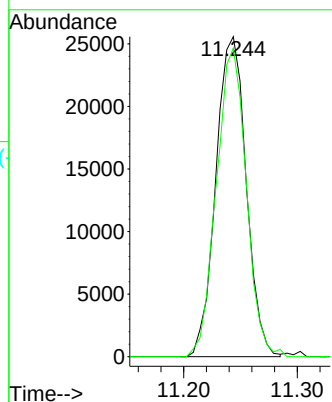
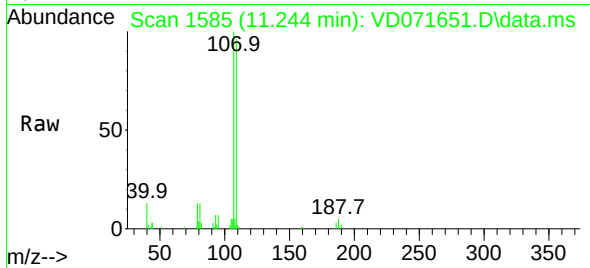
#61
1,2-Dibromoethane
Concen: 19.702 ug/l
RT: 11.244 min Scan# 1585
Delta R.T. 0.001 min
Lab File: VD071651.D
Acq: 10 Jan 2022 11:01

Instrument :
MSVOA_D
ClientSampleId :
VD0110SBS01

Tgt Ion:107 Resp: 47389
Ion Ratio Lower Upper
107 100
109 95.4 76.6 114.8

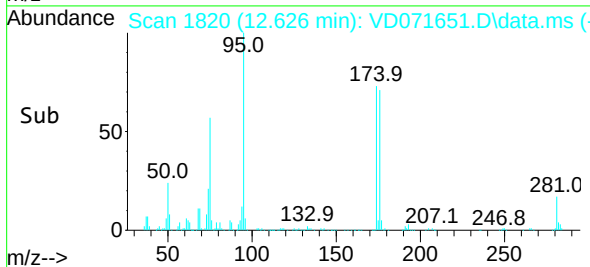
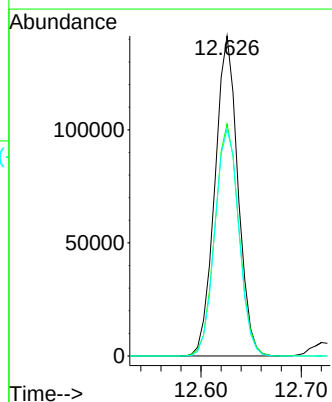
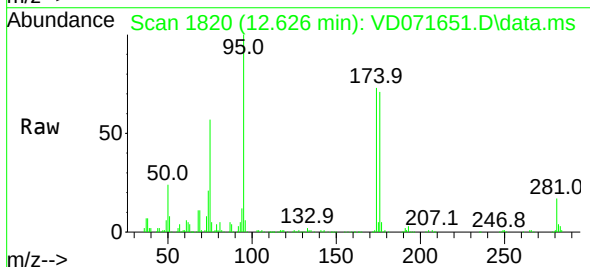
Manual Integrations
APPROVED

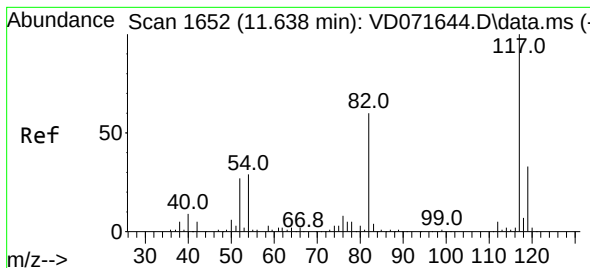
Reviewed By :John Carlone 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022



#62
4-Bromofluorobenzene
Concen: 48.491 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071651.D
Acq: 10 Jan 2022 11:01

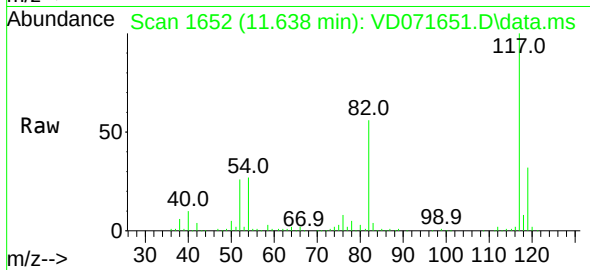
Tgt Ion: 95 Resp: 225558
Ion Ratio Lower Upper
95 100
174 75.3 0.0 150.0
176 73.7 0.0 146.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 11652
Delta R.T. 0.001 min
Lab File: VD071651.D
Acq: 10 Jan 2022 11:01

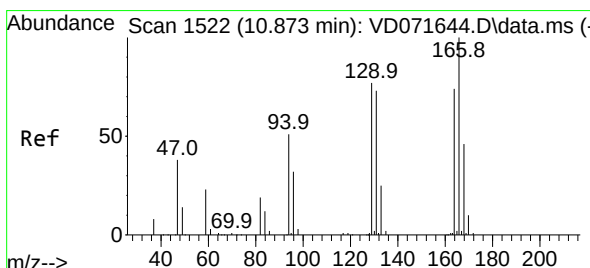
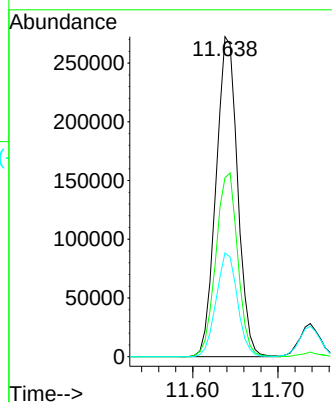
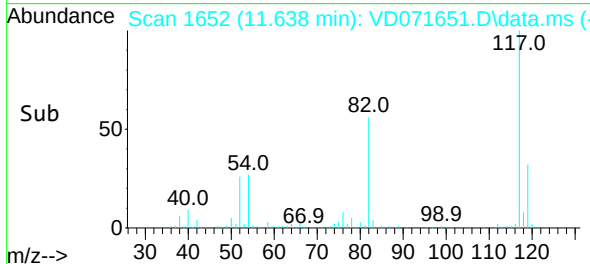
Instrument :
MSVOA_D
ClientSampleId :
VD0110SBS01



Tgt Ion:117 Resp: 48035
Ion Ratio Lower Upper
117 100
82 56.0 46.9 70.3
119 32.4 26.6 39.8

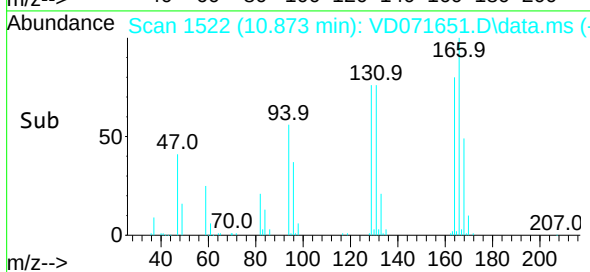
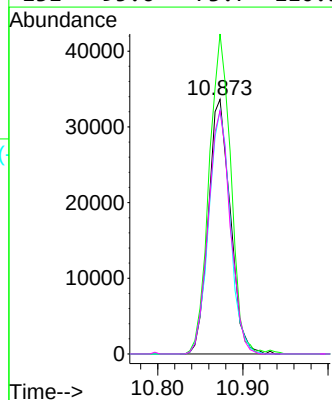
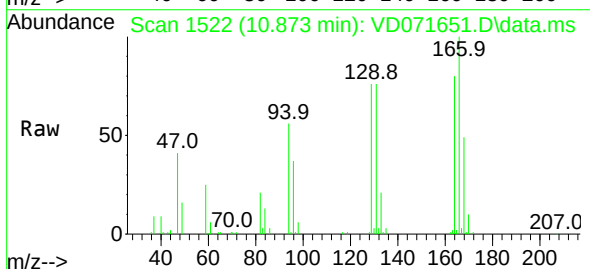
Manual Integrations
APPROVED

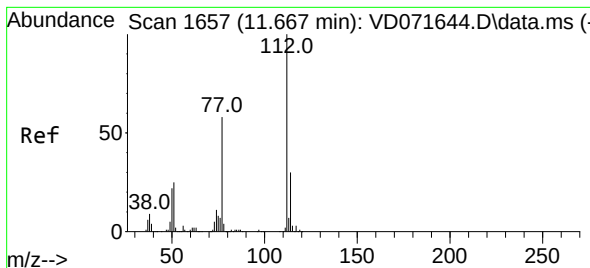
Reviewed By :John Carlone 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022



#64
Tetrachloroethene
Concen: 21.335 ug/l
RT: 10.873 min Scan# 1522
Delta R.T. 0.000 min
Lab File: VD071651.D
Acq: 10 Jan 2022 11:01

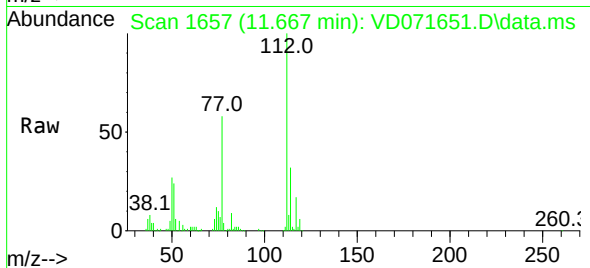
Tgt Ion:164 Resp: 60200
Ion Ratio Lower Upper
164 100
166 125.7 100.2 150.2
129 95.7 82.0 123.0
131 95.6 73.7 110.5





#65
Chlorobenzene
Concen: 20.089 ug/l
RT: 11.667 min Scan# 1657
Delta R.T. 0.000 min
Lab File: VD071651.D
Acq: 10 Jan 2022 11:01

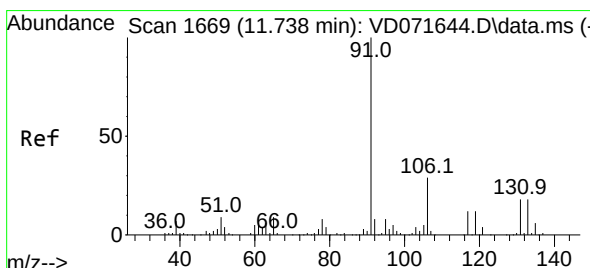
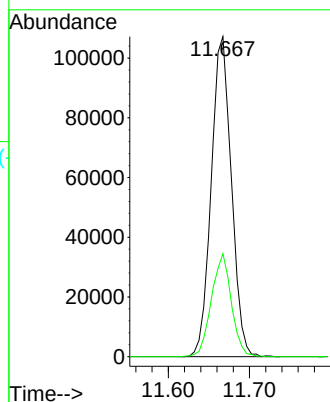
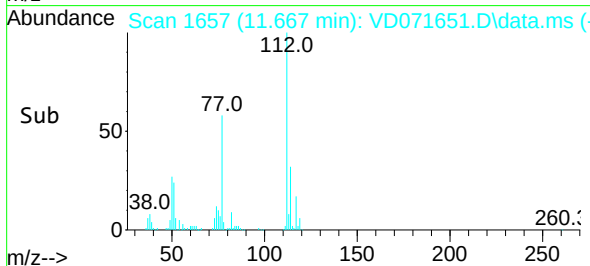
Instrument :
MSVOA_D
ClientSampleId :
VD0110SBS01



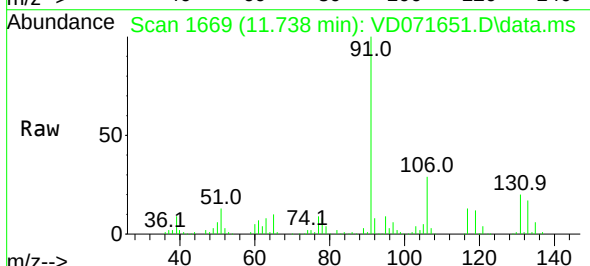
Tgt Ion:112 Resp: 18465
Ion Ratio Lower Upper
112 100
114 32.2 26.2 39.2

Manual Integrations
APPROVED

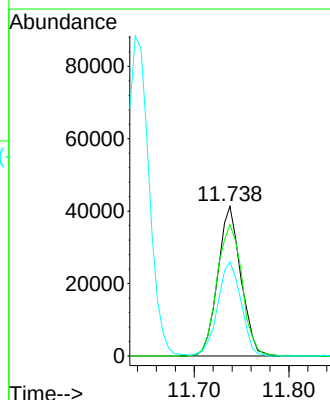
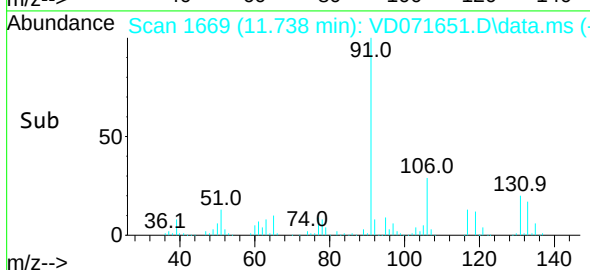
Reviewed By :John Carlone 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022

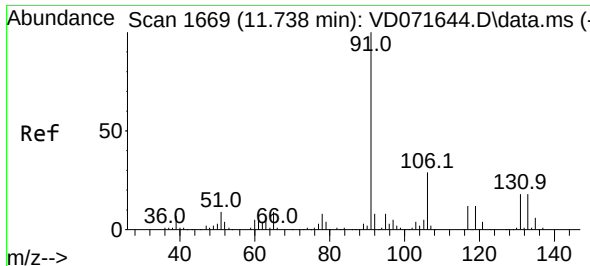


#66
1,1,1,2-Tetrachloroethane
Concen: 20.095 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. 0.001 min
Lab File: VD071651.D
Acq: 10 Jan 2022 11:01



Tgt Ion:131 Resp: 70037
Ion Ratio Lower Upper
131 100
133 95.7 48.1 144.3
119 63.7 33.8 101.4





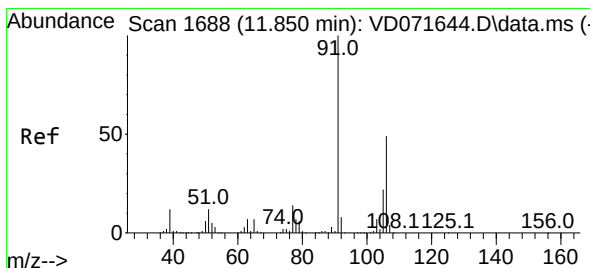
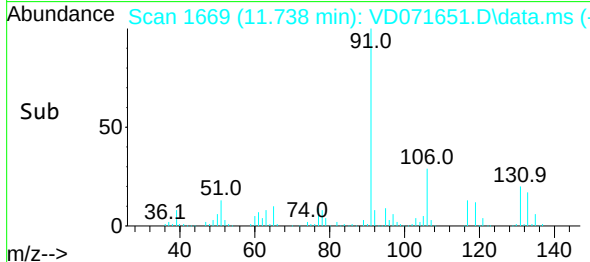
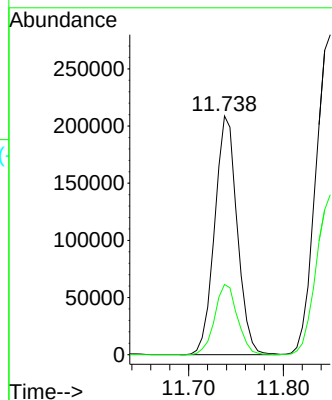
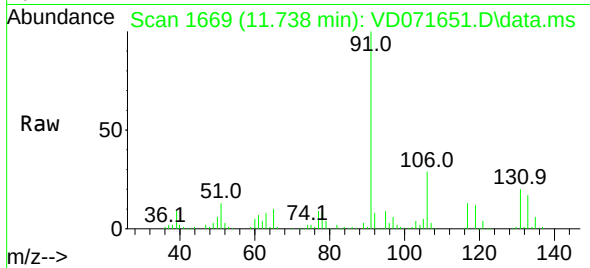
#67
Ethyl Benzene
Concen: 20.472 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. 0.001 min
Lab File: VD071651.D
Acq: 10 Jan 2022 11:01

Instrument :
MSVOA_D
ClientSampleId :
VD0110SBS01

Tgt Ion: 91 Resp: 345462
Ion Ratio Lower Upper
91 100
106 29.4 23.6 35.4

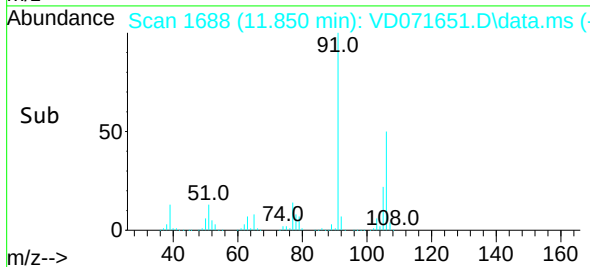
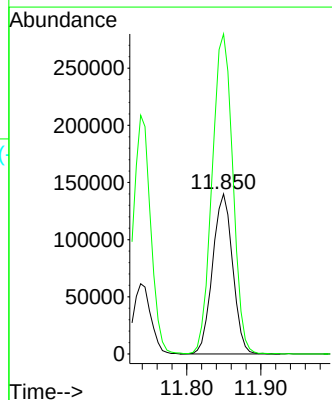
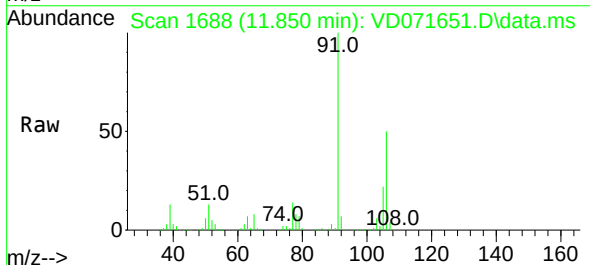
Manual Integrations
APPROVED

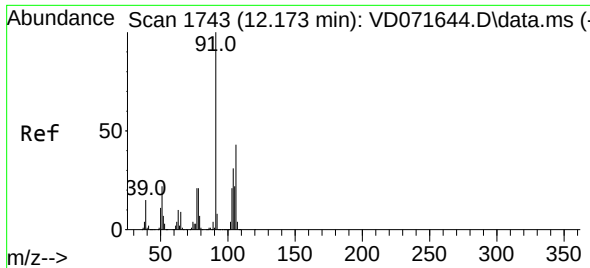
Reviewed By :John Carlone 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022



#68
m/p-Xylenes
Concen: 41.979 ug/l
RT: 11.850 min Scan# 1688
Delta R.T. 0.001 min
Lab File: VD071651.D
Acq: 10 Jan 2022 11:01

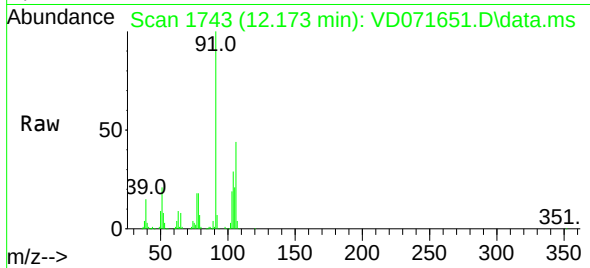
Tgt Ion:106 Resp: 263474
Ion Ratio Lower Upper
106 100
91 206.0 168.6 252.8





#69
o-Xylene
Concen: 20.537 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VD071651.D
Acq: 10 Jan 2022 11:01

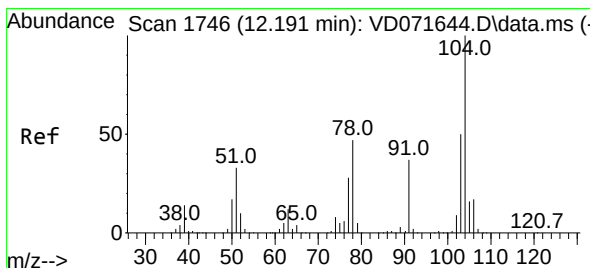
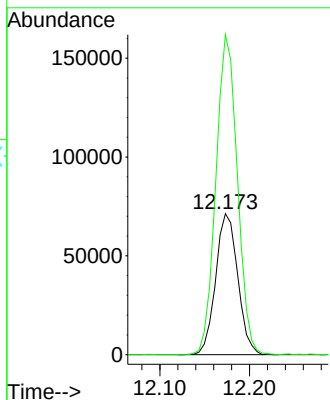
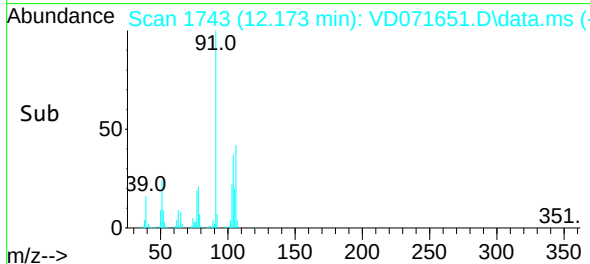
Instrument :
MSVOA_D
ClientSampleId :
VD0110SBS01



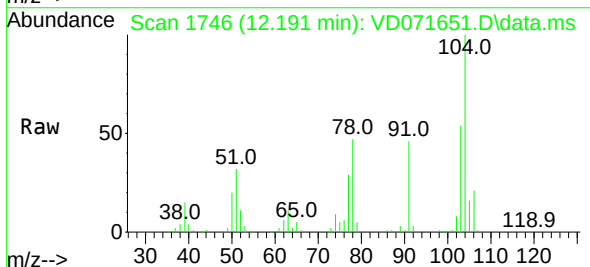
Tgt Ion:106 Resp: 121998
Ion Ratio Lower Upper
106 100
91 220.8 110.9 332.9

Manual Integrations
APPROVED

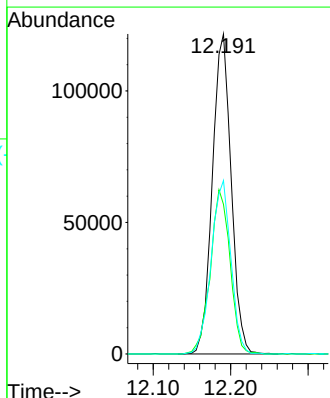
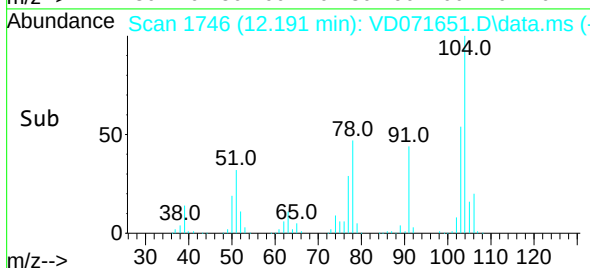
Reviewed By :John Carlone 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022

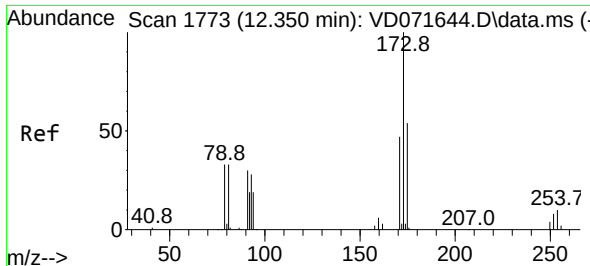


#70
Styrene
Concen: 20.144 ug/l
RT: 12.191 min Scan# 1746
Delta R.T. 0.001 min
Lab File: VD071651.D
Acq: 10 Jan 2022 11:01



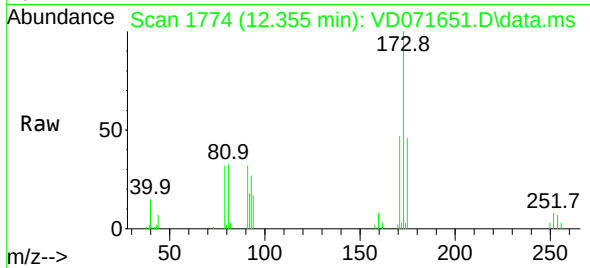
Tgt Ion:104 Resp: 205114
Ion Ratio Lower Upper
104 100
78 53.8 42.8 64.2
103 56.9 43.6 65.4





#71
Bromoform
Concen: 21.545 ug/l
RT: 12.355 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VD071651.D
Acq: 10 Jan 2022 11:01

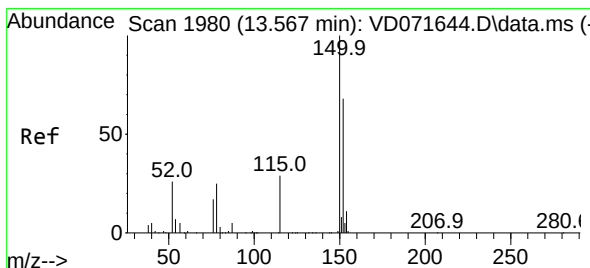
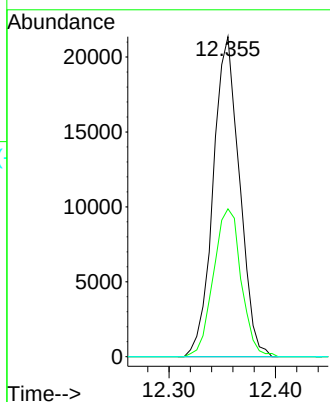
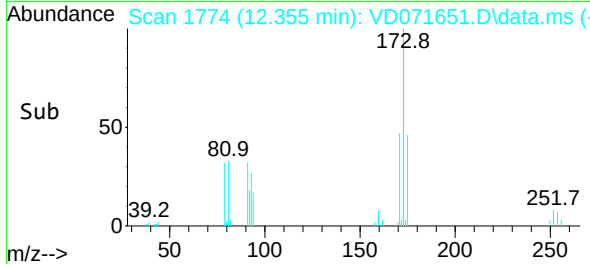
Instrument :
MSVOA_D
ClientSampleId :
VD0110SBS01



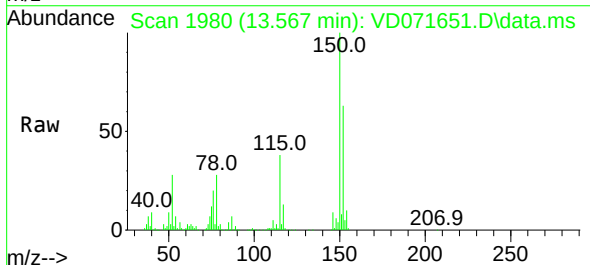
Tgt Ion:173 Resp: 3666
Ion Ratio Lower Upper
173 100
175 48.6 24.4 73.2
254 0.0 0.1 0.1

Manual Integrations
APPROVED

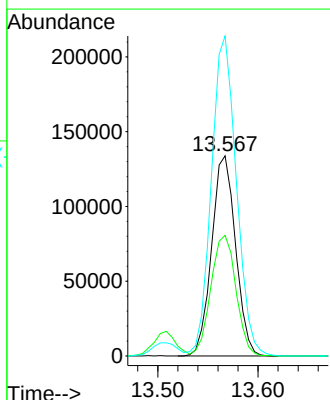
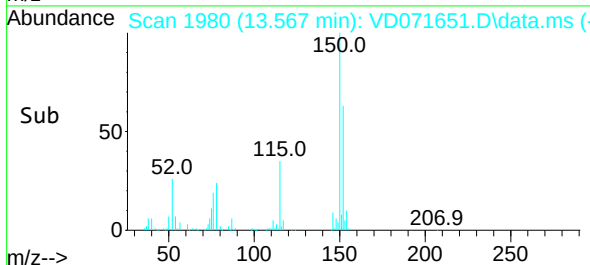
Reviewed By :John Carlone 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022

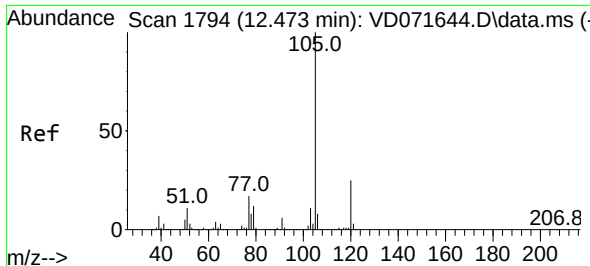


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD071651.D
Acq: 10 Jan 2022 11:01



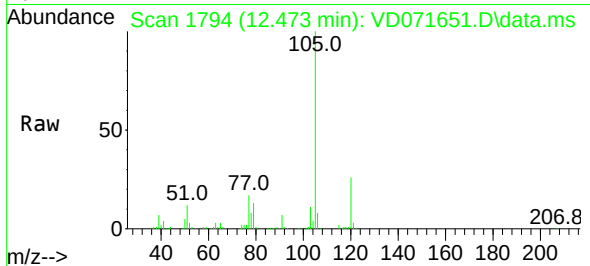
Tgt Ion:152 Resp: 221491
Ion Ratio Lower Upper
152 100
115 63.2 31.5 94.5
150 166.9 0.0 348.0





#73
Isopropylbenzene
Concen: 21.250 ug/l
RT: 12.473 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VD071651.D
Acq: 10 Jan 2022 11:01

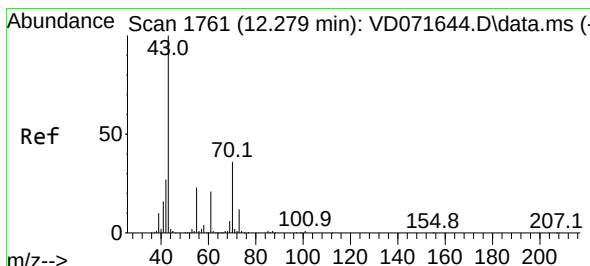
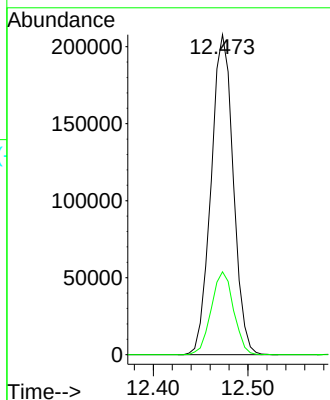
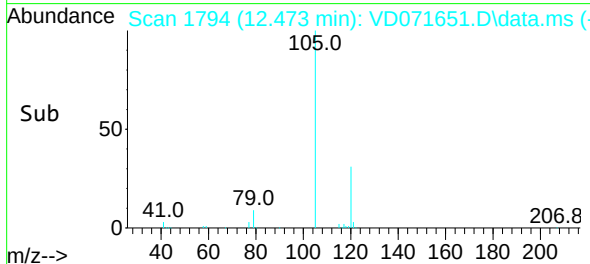
Instrument :
MSVOA_D
ClientSampleId :
VD0110SBS01



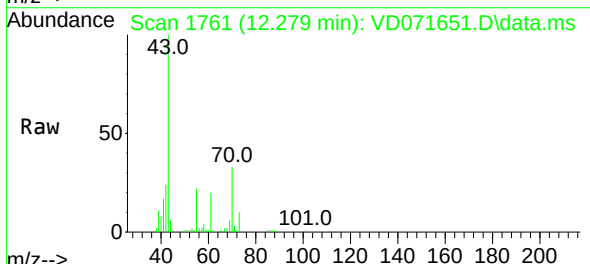
Tgt Ion:105 Resp: 33824
Ion Ratio Lower Upper
105 100
120 26.1 12.5 37.5

Manual Integrations
APPROVED

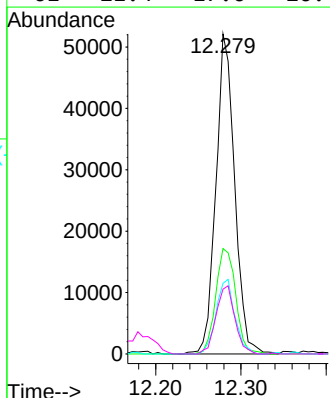
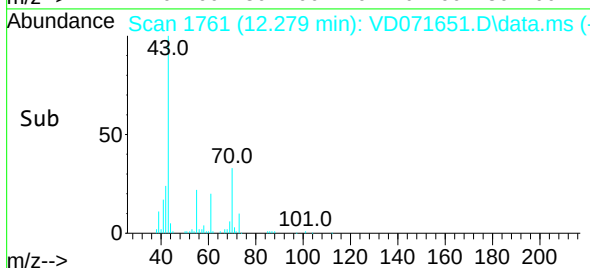
Reviewed By :John Carlone 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022

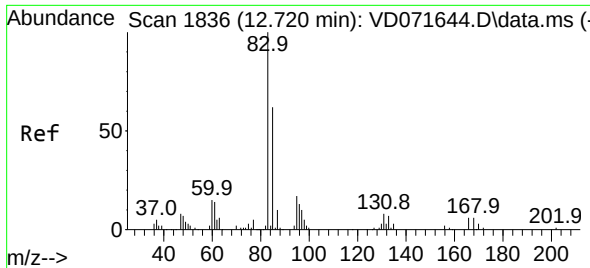


#74
N-ethyl acetate
Concen: 20.396 ug/l
RT: 12.279 min Scan# 1761
Delta R.T. 0.001 min
Lab File: VD071651.D
Acq: 10 Jan 2022 11:01



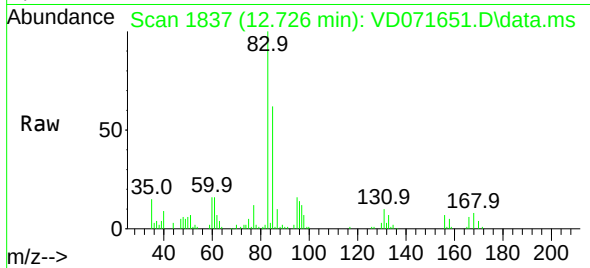
Tgt Ion: 43 Resp: 79635
Ion Ratio Lower Upper
43 100
70 35.2 29.5 44.3
55 23.5 19.1 28.7
61 21.4 17.6 26.4





#75
1,1,2,2-Tetrachloroethane
Concen: 21.175 ug/l
RT: 12.726 min Scan# 1837
Delta R.T. 0.006 min
Lab File: VD071651.D
Acq: 10 Jan 2022 11:01

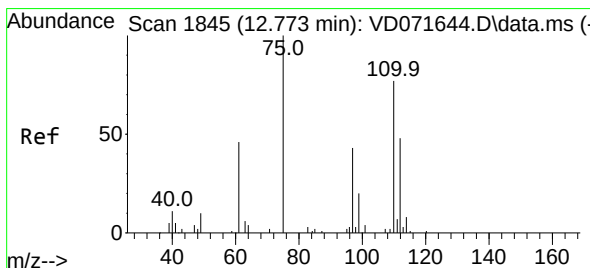
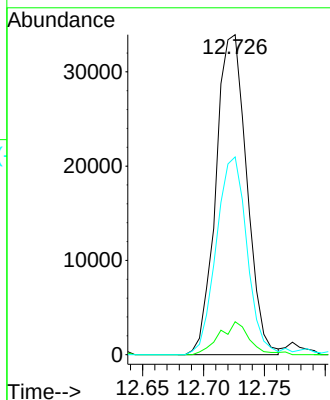
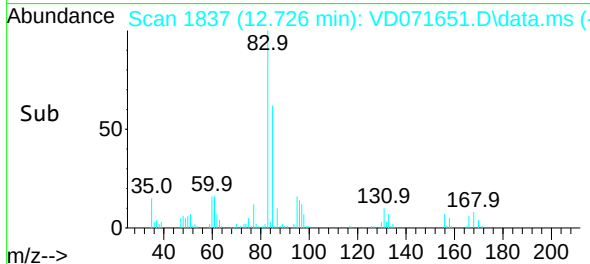
Instrument :
MSVOA_D
ClientSampleId :
VD0110SBS01



Tgt Ion: 83 Resp: 59720
Ion Ratio Lower Upper
83 100
131 10.1 5.0 14.9
85 62.0 32.2 96.6

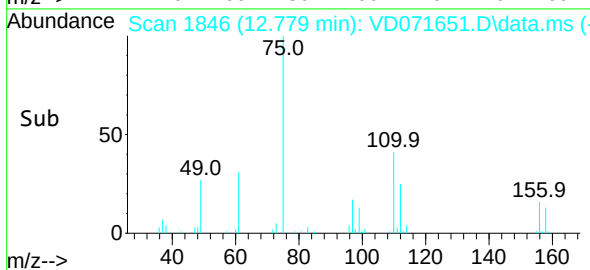
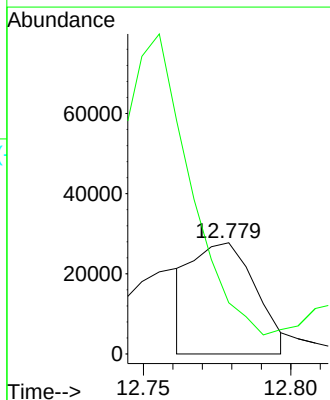
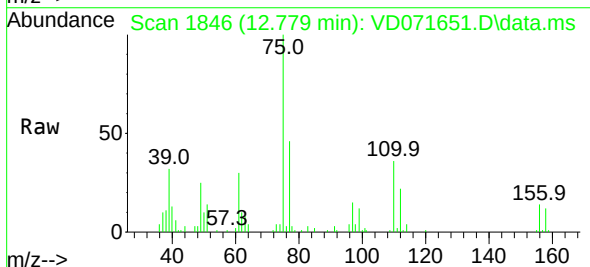
Manual Integrations
APPROVED

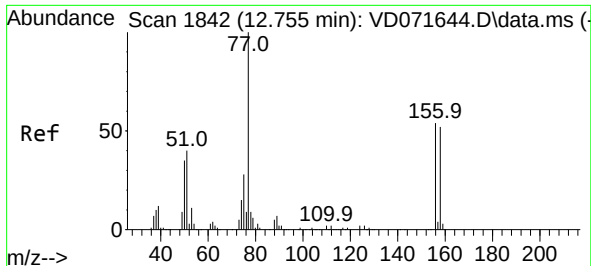
Reviewed By :John Carlone 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022



#76
1,2,3-Trichloropropane
Concen: 19.348 ug/l m
RT: 12.779 min Scan# 1846
Delta R.T. 0.006 min
Lab File: VD071651.D
Acq: 10 Jan 2022 11:01

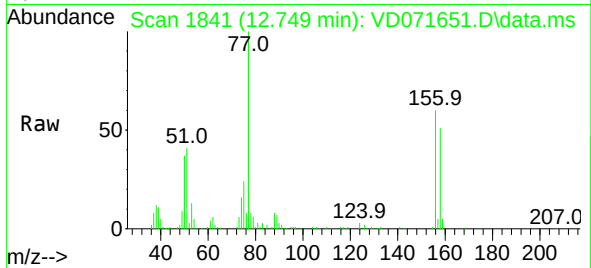
Tgt Ion: 75 Resp: 41409
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 20.999 ug/l
RT: 12.749 min Scan# 1841
Delta R.T. -0.006 min
Lab File: VD071651.D
Acq: 10 Jan 2022 11:01

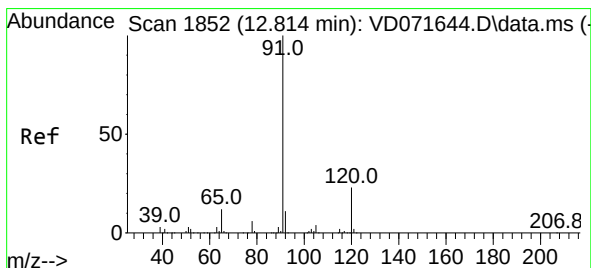
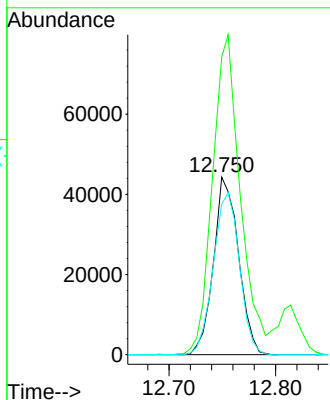
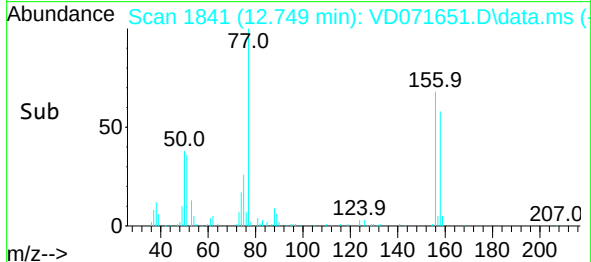
Instrument :
MSVOA_D
ClientSampleId :
VD0110SBS01



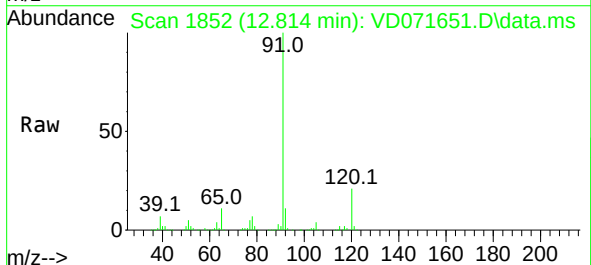
Tgt Ion:156 Resp: 72198
Ion Ratio Lower Upper
156 100
77 199.4 101.4 304.2
158 95.2 46.8 140.3

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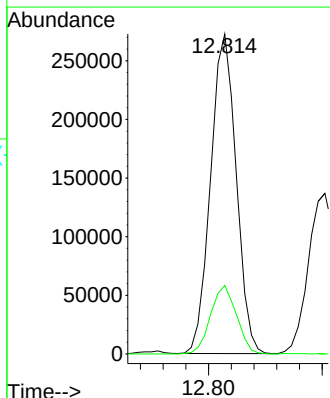
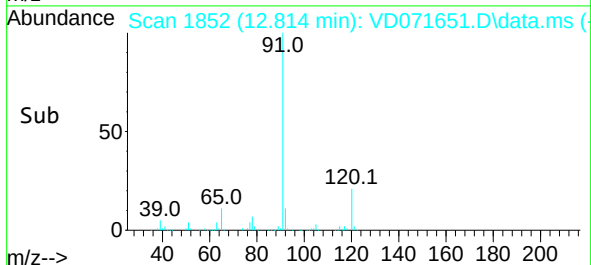
Reviewed By :John Carlone 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022

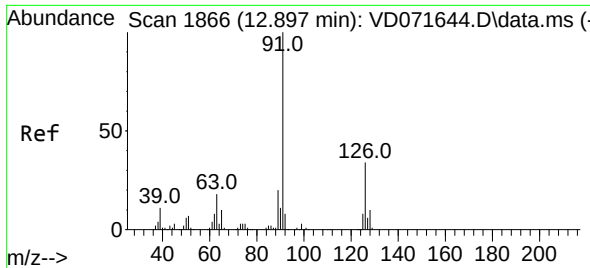


#78
n-propylbenzene
Concen: 21.284 ug/l
RT: 12.814 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VD071651.D
Acq: 10 Jan 2022 11:01



Tgt Ion: 91 Resp: 426065
Ion Ratio Lower Upper
91 100
120 21.7 10.9 32.7





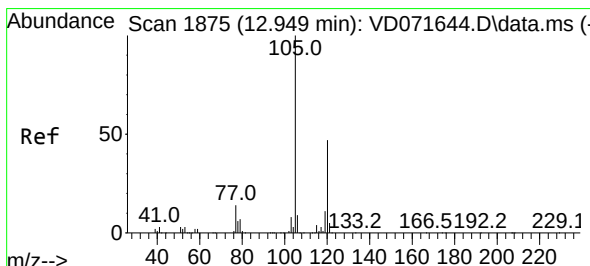
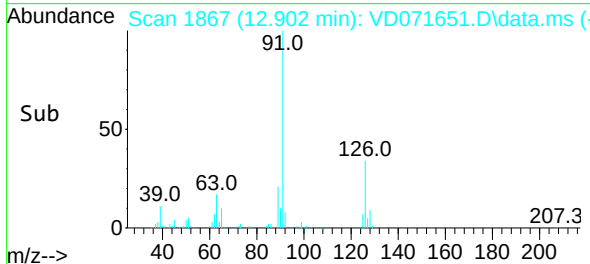
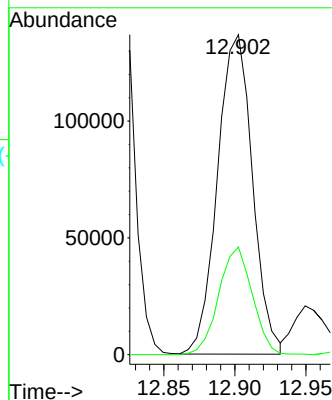
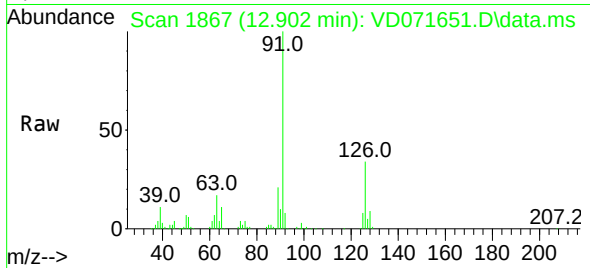
#79
2-Chlorotoluene
Concen: 20.764 ug/l
RT: 12.902 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VD071651.D
Acq: 10 Jan 2022 11:01

Instrument :
MSVOA_D
ClientSampleId :
VD0110SBS01

Tgt Ion: 91 Resp: 23427
Ion Ratio Lower Upper
91 100
126 32.4 16.7 50.0

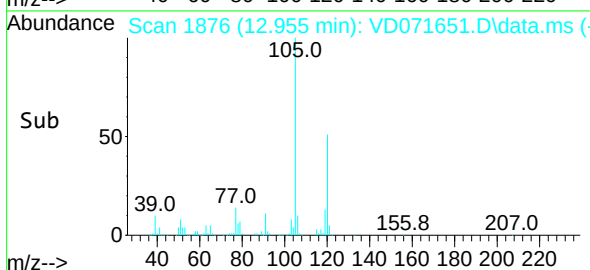
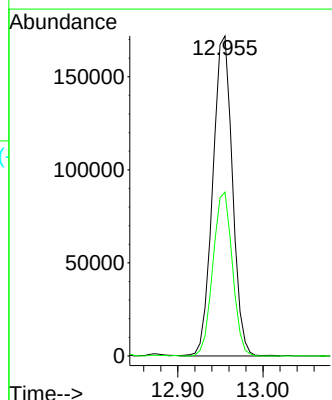
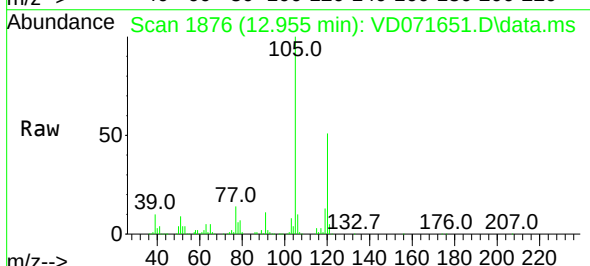
Manual Integrations
APPROVED

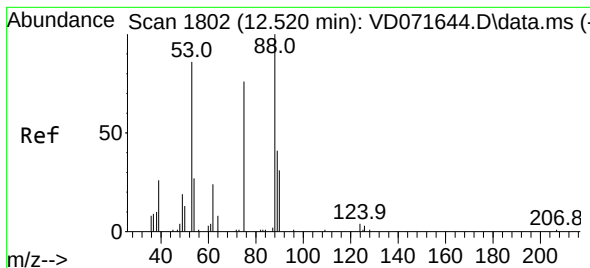
Reviewed By :John Carlone 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022



#80
1,3,5-Trimethylbenzene
Concen: 20.715 ug/l
RT: 12.955 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VD071651.D
Acq: 10 Jan 2022 11:01

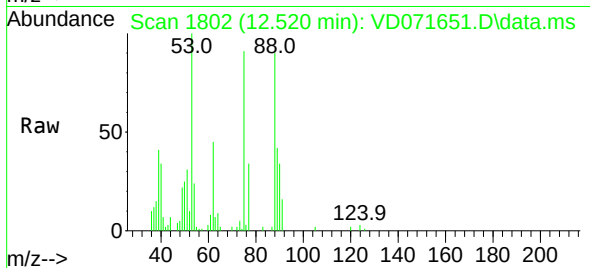
Tgt Ion:105 Resp: 275489
Ion Ratio Lower Upper
105 100
120 50.6 24.2 72.6





#81
trans-1,4-Dichloro-2-butene
Concen: 21.121 ug/l
RT: 12.520 min Scan# 1802
Delta R.T. 0.000 min
Lab File: VD071651.D
Acq: 10 Jan 2022 11:01

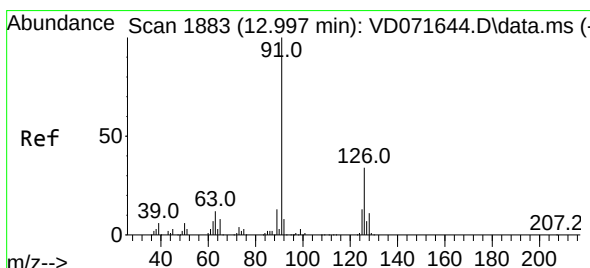
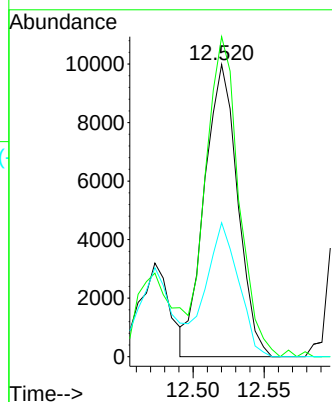
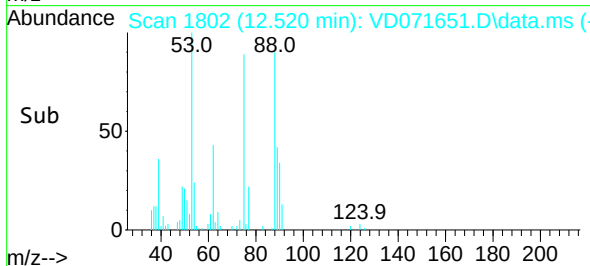
Instrument :
MSVOA_D
ClientSampleId :
VD0110SBS01



Tgt Ion: 75 Resp: 16214
Ion Ratio Lower Upper
75 100
53 107.8 95.4 143.0
89 44.0 37.2 55.8

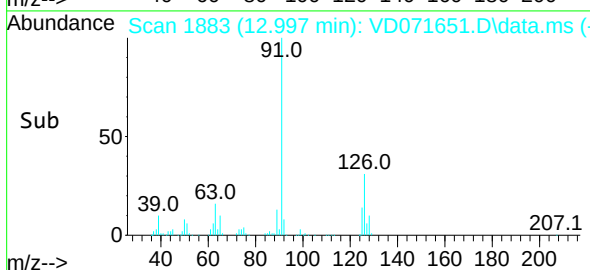
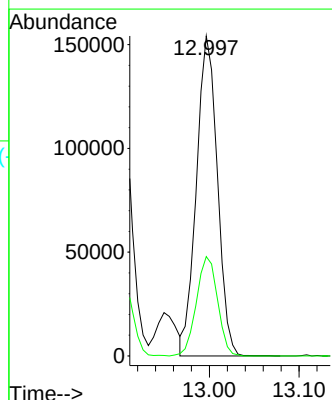
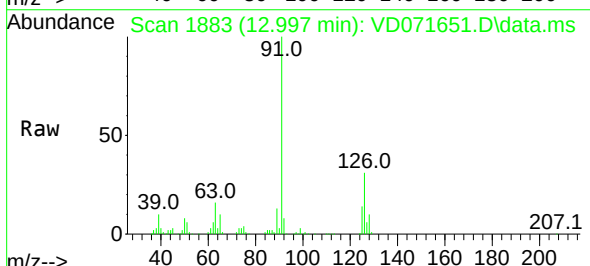
Manual Integrations
APPROVED

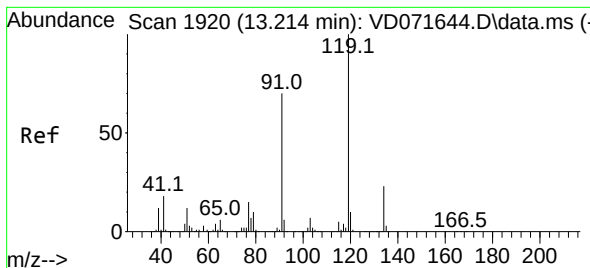
Reviewed By :John Carlone 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022



#82
4-Chlorotoluene
Concen: 21.362 ug/l
RT: 12.997 min Scan# 1883
Delta R.T. 0.001 min
Lab File: VD071651.D
Acq: 10 Jan 2022 11:01

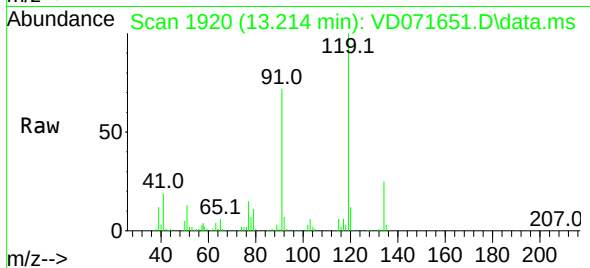
Tgt Ion: 91 Resp: 250042
Ion Ratio Lower Upper
91 100
126 31.3 16.1 48.3





#83
tert-Butylbenzene
Concen: 21.709 ug/l
RT: 13.214 min Scan# 1920
Delta R.T. 0.000 min
Lab File: VD071651.D
Acq: 10 Jan 2022 11:01

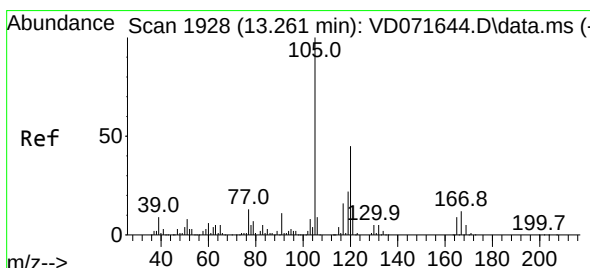
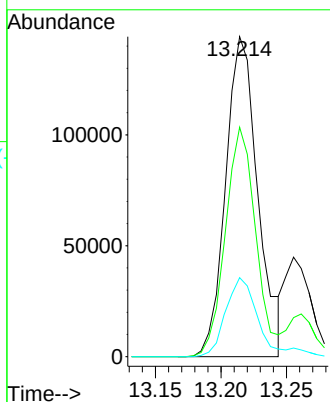
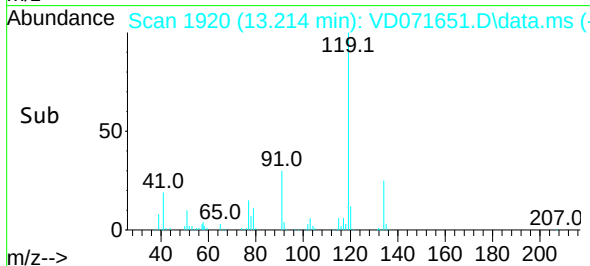
Instrument :
MSVOA_D
ClientSampleId :
VD0110SBS01



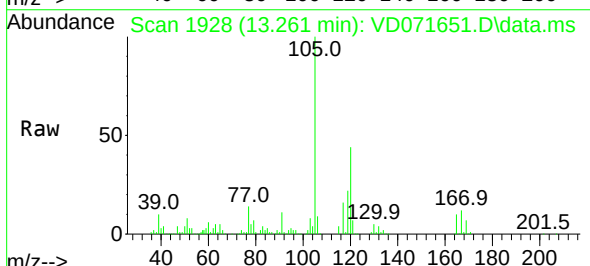
Tgt Ion:119 Resp: 246697
Ion Ratio Lower Upper
119 100
91 67.4 35.6 106.8
134 25.4 13.5 40.5

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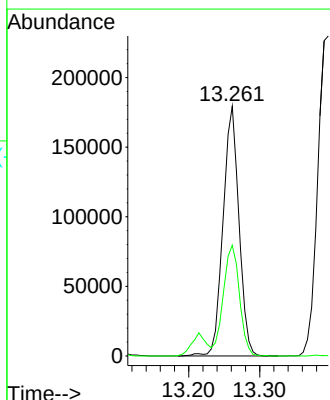
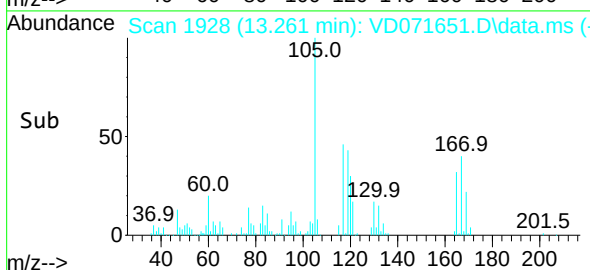
Reviewed By :John Carlone 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022

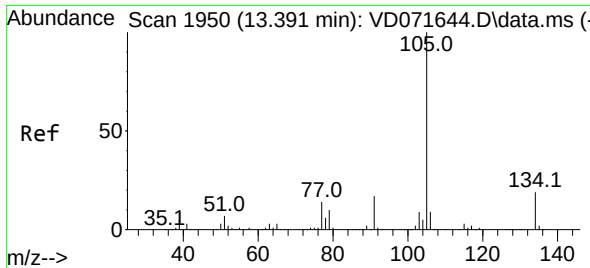


#84
1,2,4-Trimethylbenzene
Concen: 21.155 ug/l
RT: 13.261 min Scan# 1928
Delta R.T. 0.000 min
Lab File: VD071651.D
Acq: 10 Jan 2022 11:01



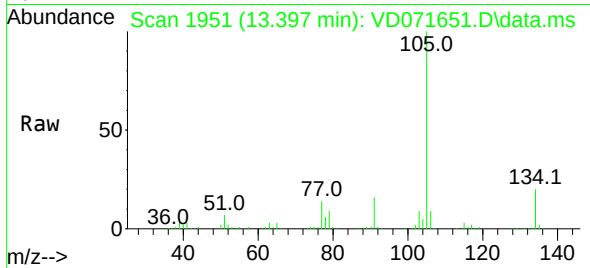
Tgt Ion:105 Resp: 278231
Ion Ratio Lower Upper
105 100
120 45.1 22.3 66.9





#85
 sec-Butylbenzene
 Concen: 21.400 ug/l
 RT: 13.397 min Scan# 1951
 Delta R.T. 0.007 min
 Lab File: VD071651.D
 Acq: 10 Jan 2022 11:01

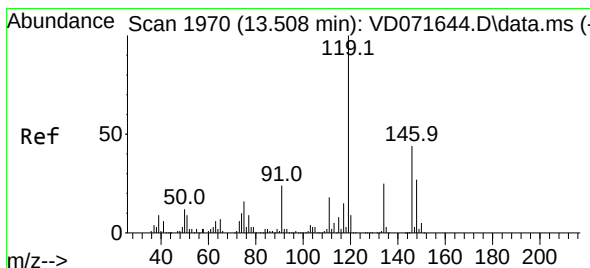
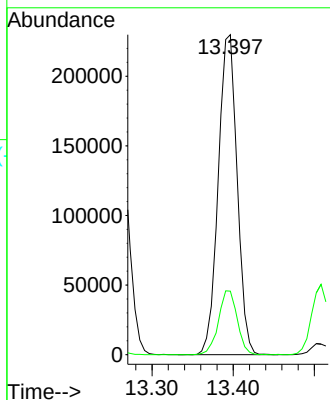
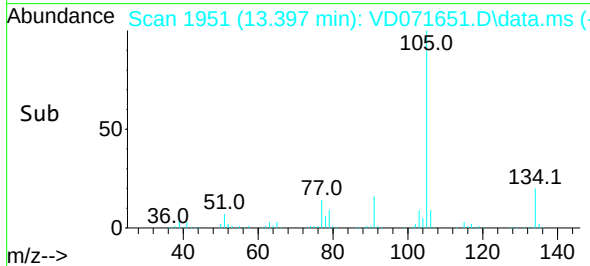
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0110SBS01



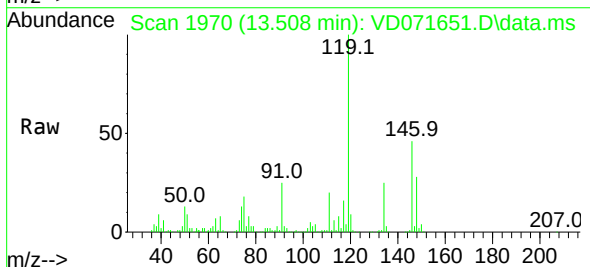
Tgt Ion:105 Resp: 37248
 Ion Ratio Lower Upper
 105 100
 134 19.9 9.8 29.3

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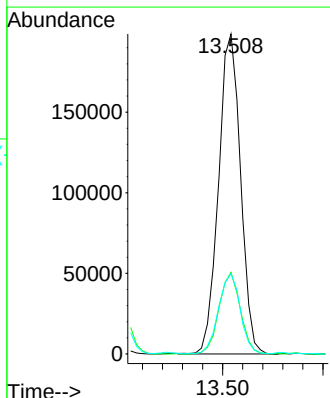
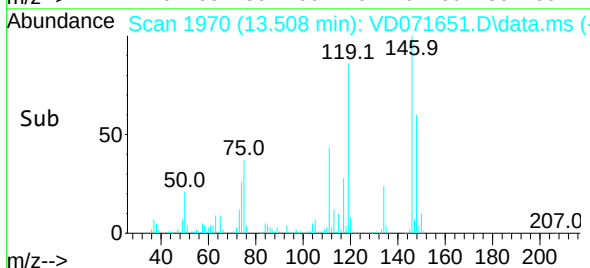
Reviewed By :John Carlone 01/12/2022
 Supervised By :Mahesh Dadoda 01/12/2022

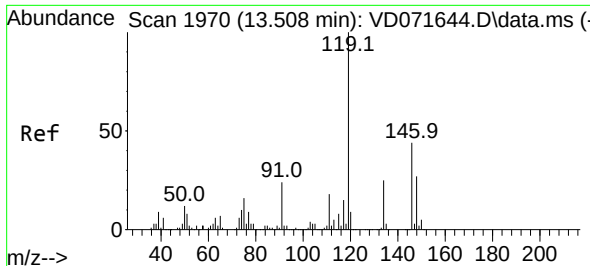


#86
 p-Isopropyltoluene
 Concen: 21.113 ug/l
 RT: 13.508 min Scan# 1970
 Delta R.T. 0.000 min
 Lab File: VD071651.D
 Acq: 10 Jan 2022 11:01



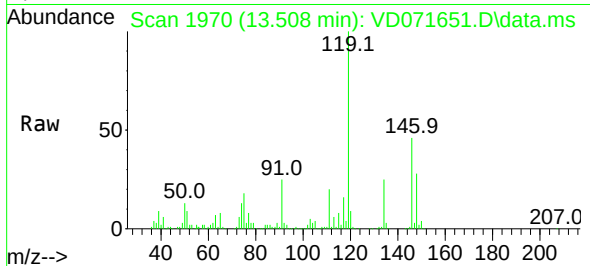
Tgt Ion:119 Resp: 301711
 Ion Ratio Lower Upper
 119 100
 134 24.7 12.7 38.1
 91 24.7 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 20.954 ug/l
RT: 13.508 min Scan# 1970
Delta R.T. 0.000 min
Lab File: VD071651.D
Acq: 10 Jan 2022 11:01

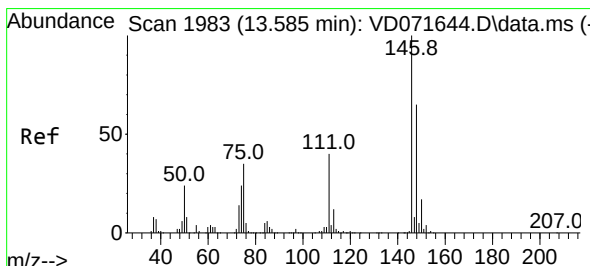
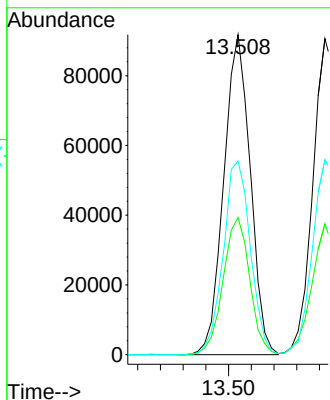
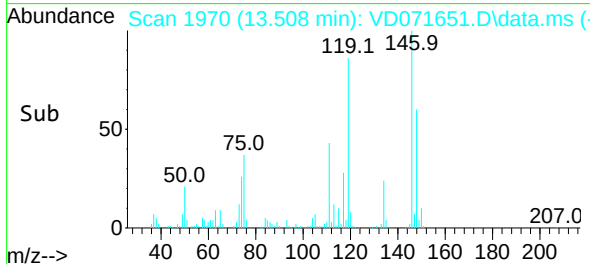
Instrument :
MSVOA_D
ClientSampleId :
VD0110SBS01



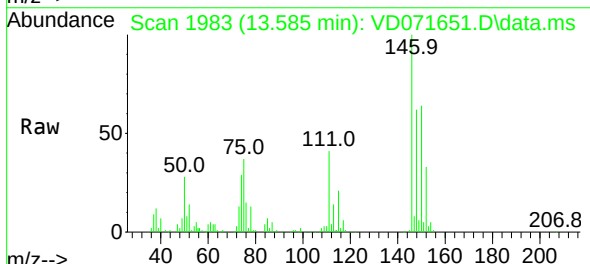
Tgt Ion:146 Resp: 148670
Ion Ratio Lower Upper
146 100
111 43.0 20.8 62.5
148 62.2 31.3 93.8

Manual Integrations
APPROVED

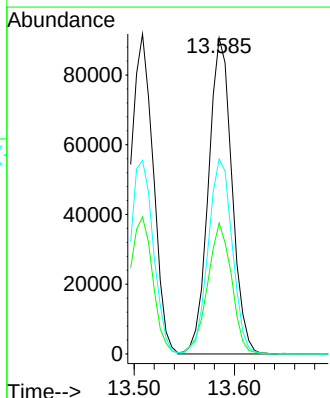
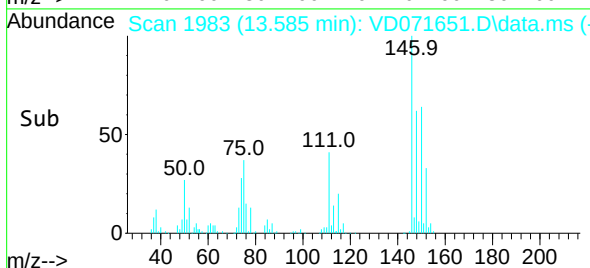
Reviewed By :John Carlone 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022

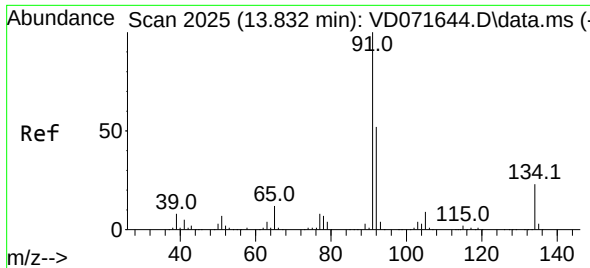


#88
1,4-Dichlorobenzene
Concen: 20.328 ug/l
RT: 13.585 min Scan# 1983
Delta R.T. 0.001 min
Lab File: VD071651.D
Acq: 10 Jan 2022 11:01



Tgt Ion:146 Resp: 147152
Ion Ratio Lower Upper
146 100
111 42.2 20.7 62.1
148 63.5 32.3 96.9





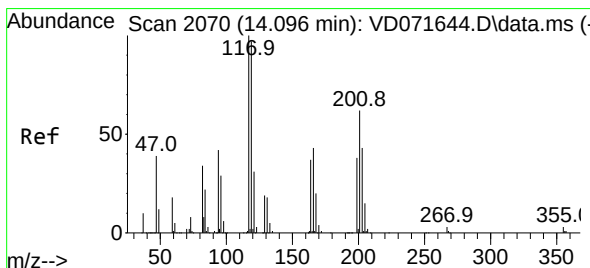
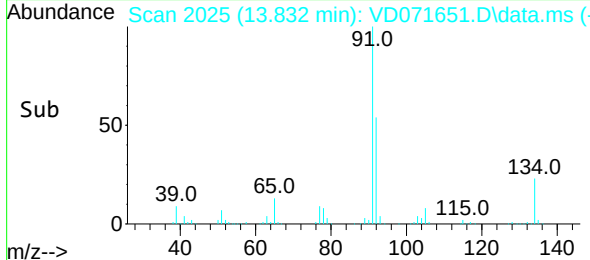
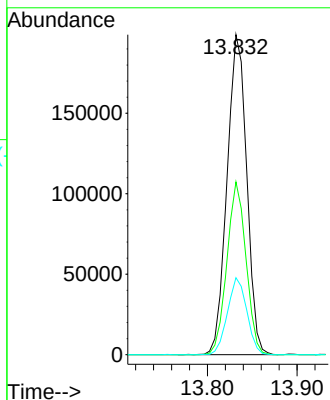
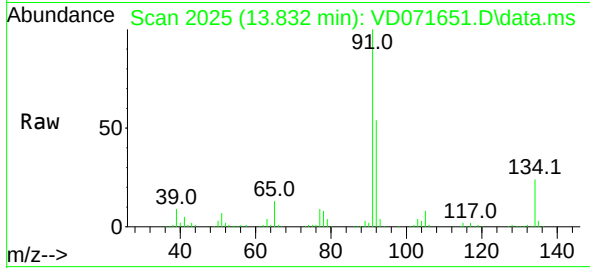
#89
n-Butylbenzene
Concen: 21.159 ug/l
RT: 13.832 min Scan# 2025
Delta R.T. 0.001 min
Lab File: VD071651.D
Acq: 10 Jan 2022 11:01

Instrument :
MSVOA_D
ClientSampleId :
VD0110SBS01

Tgt Ion: 91 Resp: 30282
Ion Ratio Lower Upper
91 100
92 52.3 26.6 79.8
134 23.7 12.1 36.3

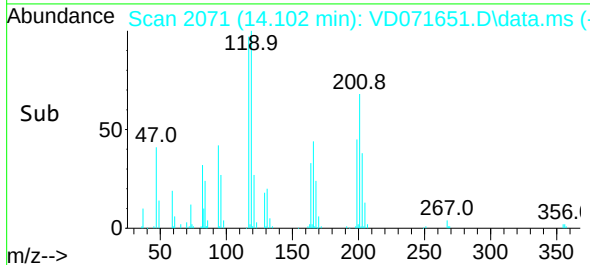
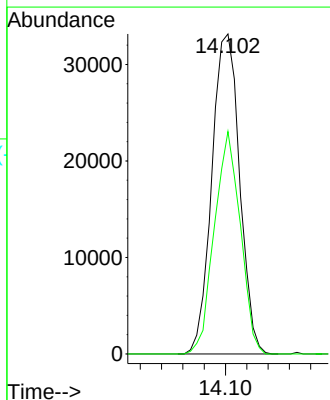
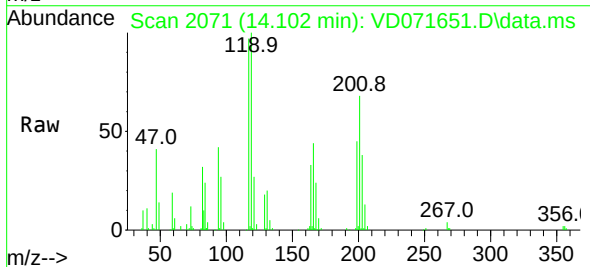
Manual Integrations
APPROVED

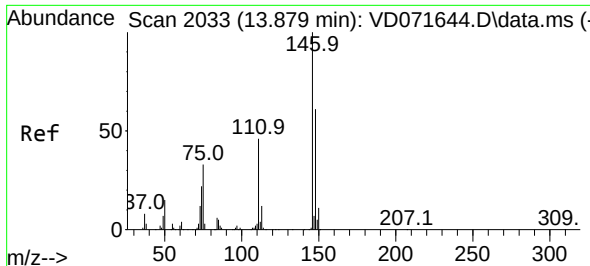
Reviewed By :John Carlone 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022



#90
Hexachloroethane
Concen: 21.244 ug/l
RT: 14.102 min Scan# 2071
Delta R.T. 0.000 min
Lab File: VD071651.D
Acq: 10 Jan 2022 11:01

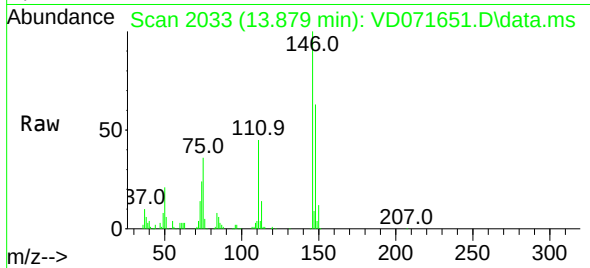
Tgt Ion:117 Resp: 60066
Ion Ratio Lower Upper
117 100
201 64.9 32.1 96.5





#91
1,2-Dichlorobenzene
Concen: 21.004 ug/l
RT: 13.879 min Scan# 2033
Delta R.T. 0.001 min
Lab File: VD071651.D
Acq: 10 Jan 2022 11:01

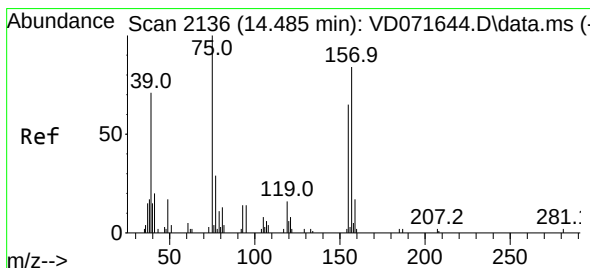
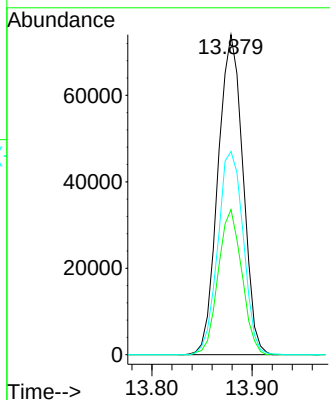
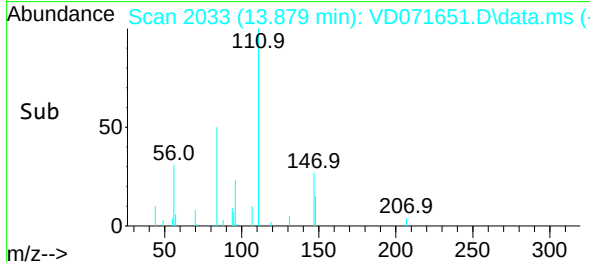
Instrument :
MSVOA_D
ClientSampleId :
VD0110SBS01



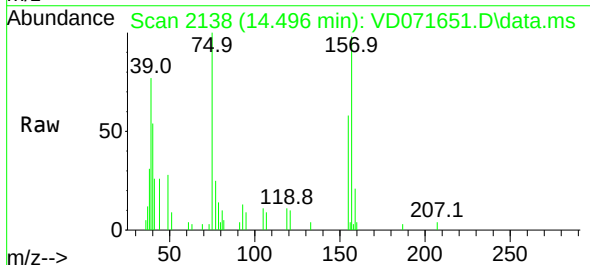
Tgt Ion:146 Resp: 127720
Ion Ratio Lower Upper
146 100
111 43.0 21.8 65.3
148 64.8 31.3 93.8

Manual Integrations
APPROVED

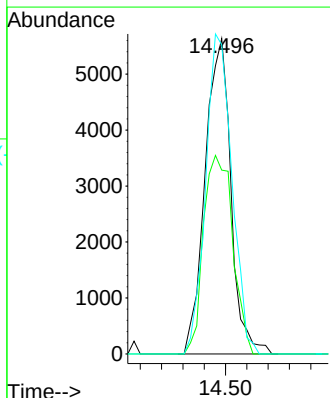
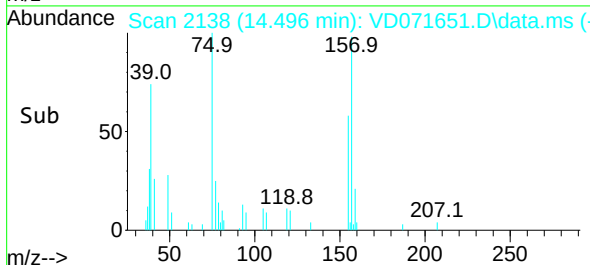
Reviewed By :John Carlone 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022

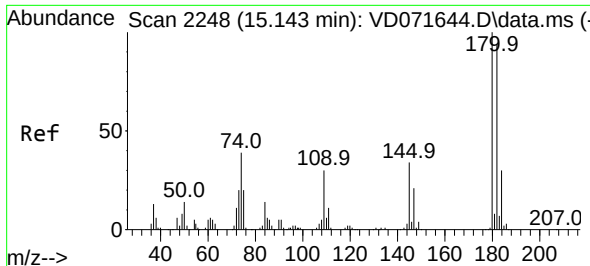


#92
1,2-Dibromo-3-Chloropropane
Concen: 20.879 ug/l
RT: 14.496 min Scan# 2138
Delta R.T. 0.006 min
Lab File: VD071651.D
Acq: 10 Jan 2022 11:01



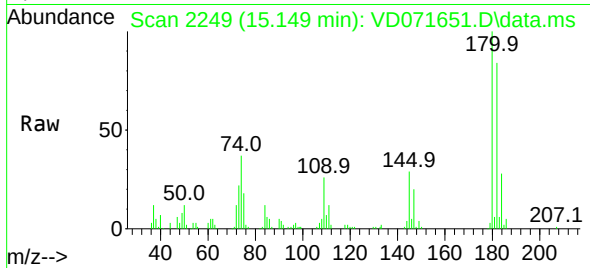
Tgt Ion: 75 Resp: 9465
Ion Ratio Lower Upper
75 100
155 71.4 35.4 106.1
157 103.0 44.9 134.5





#93
1,2,4-Trichlorobenzene
Concen: 21.800 ug/l
RT: 15.149 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD071651.D
Acq: 10 Jan 2022 11:01

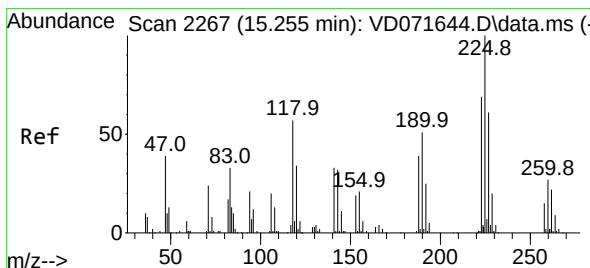
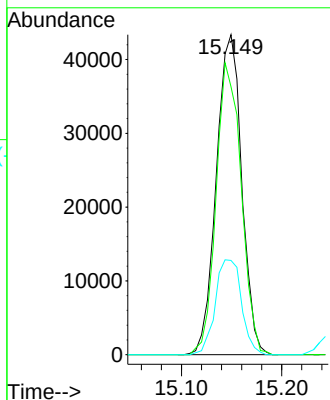
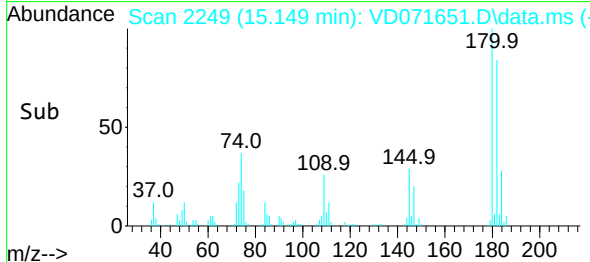
Instrument :
MSVOA_D
ClientSampleId :
VD0110SBS01



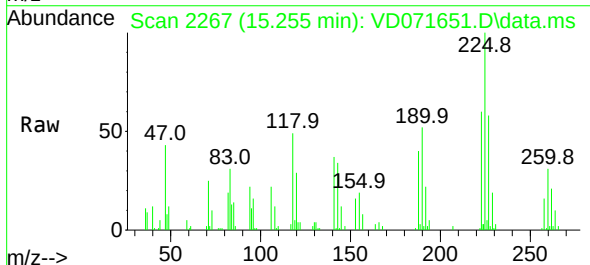
Tgt Ion:180 Resp: 76399
Ion Ratio Lower Upper
180 100
182 90.0 47.5 142.5
145 30.5 16.4 49.4

Manual Integrations
APPROVED

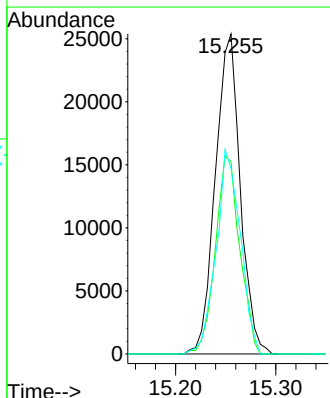
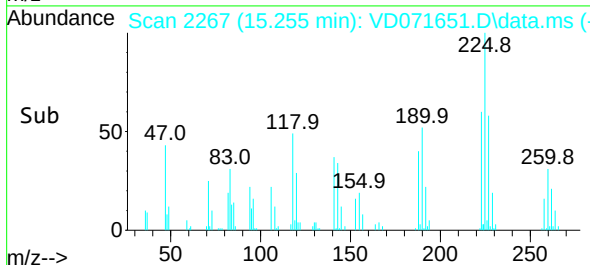
Reviewed By :John Carlone 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022

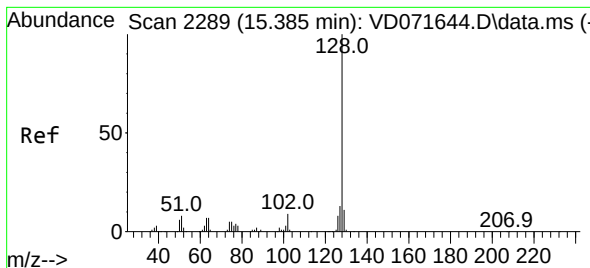


#94
Hexachlorobutadiene
Concen: 21.270 ug/l
RT: 15.255 min Scan# 2267
Delta R.T. 0.006 min
Lab File: VD071651.D
Acq: 10 Jan 2022 11:01



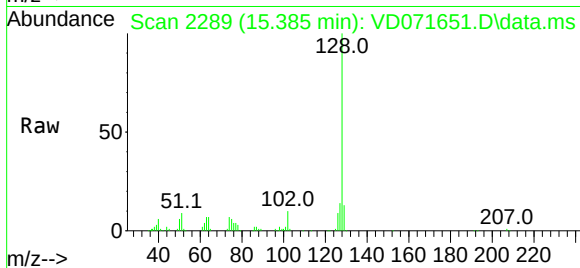
Tgt Ion:225 Resp: 43700
Ion Ratio Lower Upper
225 100
223 60.8 31.3 93.9
227 62.2 31.4 94.3





#95
Naphthalene
Concen: 20.444 ug/l
RT: 15.385 min Scan# 2289
Delta R.T. 0.001 min
Lab File: VD071651.D
Acq: 10 Jan 2022 11:01

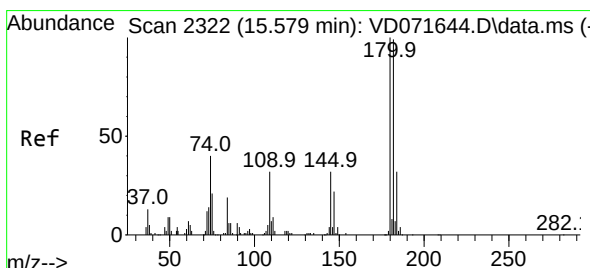
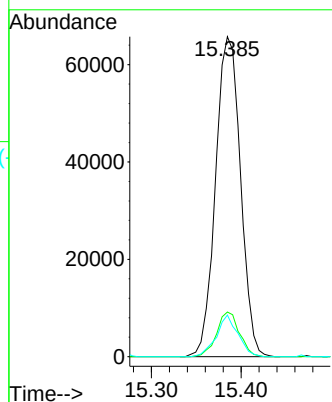
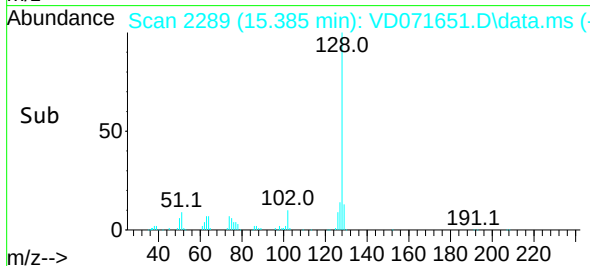
Instrument :
MSVOA_D
ClientSampleId :
VD0110SBS01



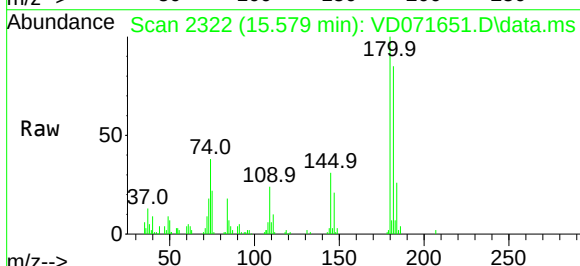
Tgt Ion:128 Resp: 12685
Ion Ratio Lower Upper
128 100
127 12.8 10.9 16.3
129 11.3 9.1 13.7

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 21.380 ug/l
RT: 15.579 min Scan# 2322
Delta R.T. 0.001 min
Lab File: VD071651.D
Acq: 10 Jan 2022 11:01



Tgt Ion:180 Resp: 63845
Ion Ratio Lower Upper
180 100
182 93.0 47.0 141.2
145 32.4 16.4 49.2

