

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071222\
 Data File : VD073838.D
 Acq On : 12 Jul 2022 14:58
 Operator : VA/SY
 Sample : VD0712SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0712SBS01

Quant Time: Jul 13 04:31:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071122S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 12 07:04:44 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/13/2022
 Supervised By : Mahesh Dadoda 07/13/2022

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	97183	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	186499	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	173429	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	79580	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	61153	46.979	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	93.960%		
35) Dibromofluoromethane	7.902	113	63128	51.167	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	102.340%		
50) Toluene-d8	10.332	98	187742	43.640	ug/l	0.00
Spiked Amount 50.000	Range 78 - 125		Recovery =	87.280%		
62) 4-Bromofluorobenzene	12.620	95	94425	51.801	ug/l	0.00
Spiked Amount 50.000	Range 50 - 146		Recovery =	103.600%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.985	85	13682	24.823	ug/l	95
3) Chloromethane	2.208	50	17564	27.287	ug/l	95
4) Vinyl Chloride	2.344	62	22292	26.319	ug/l	99
5) Bromomethane	2.738	94	16631	26.770	ug/l	95
6) Chloroethane	2.903	64	17444	24.844	ug/l #	89
7) Trichlorofluoromethane	3.256	101	31206	22.590	ug/l	96
8) Diethyl Ether	3.714	74	9202	21.140	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.085	101	19123	22.440	ug/l	96
10) Methyl Iodide	4.285	142	11290	20.417	ug/l	99
11) Tert butyl alcohol	5.179	59	27075	94.197	ug/l #	100
12) 1,1-Dichloroethene	4.055	96	15339	23.475	ug/l	93
13) Acrolein	3.920	56	3718	96.300	ug/l	97
14) Allyl chloride	4.708	41	26652	21.155	ug/l	97
15) Acrylonitrile	5.408	53	25261	101.214	ug/l	99
16) Acetone	4.150	43	23328	104.605	ug/l #	87
17) Carbon Disulfide	4.402	76	23736	25.893	ug/l	97
18) Methyl Acetate	4.714	43	14494	23.761	ug/l	93
19) Methyl tert-butyl Ether	5.473	73	52940	21.007	ug/l	91
20) Methylene Chloride	4.955	84	29710	26.919	ug/l	97
21) trans-1,2-Dichloroethene	5.461	96	16700	21.716	ug/l #	93
22) Diisopropyl ether	6.361	45	70946	20.629	ug/l #	95
23) Vinyl Acetate	6.297	43	183464m	103.821	ug/l	
24) 1,1-Dichloroethane	6.261	63	41187	21.921	ug/l	96
25) 2-Butanone	7.208	43	34679	103.367	ug/l	92
26) 2,2-Dichloropropane	7.202	77	37714	21.084	ug/l	99
27) cis-1,2-Dichloroethene	7.202	96	24056	21.793	ug/l	98
28) Bromochloromethane	7.538	49	15168	19.794	ug/l	97
29) Tetrahydrofuran	7.561	42	19921	99.692	ug/l	96
30) Chloroform	7.708	83	46215	21.883	ug/l	97
31) Cyclohexane	7.979	56	28897	24.476	ug/l	96
32) 1,1,1-Trichloroethane	7.896	97	38277	21.677	ug/l	97
36) 1,1-Dichloropropene	8.102	75	27840	22.302	ug/l	98
37) Ethyl Acetate	7.291	43	13796	18.056	ug/l #	96
38) Carbon Tetrachloride	8.085	117	32481	22.783	ug/l #	96
39) Methylcyclohexane	9.349	83	28080	21.732	ug/l	98
40) Benzene	8.343	78	82208	22.120	ug/l	98

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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071122S.M
 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.508	41	8313	16.607	ug/l #	73
42) 1,2-Dichloroethane	8.414	62	29724	22.457	ug/l	98
43) Isopropyl Acetate	8.449	43	31424	20.909	ug/l #	63
44) Trichloroethene	9.096	130	21370	22.037	ug/l	86
45) 1,2-Dichloropropane	9.379	63	24155	21.965	ug/l	95
46) Dibromomethane	9.473	93	13004	21.730	ug/l	97
47) Bromodichloromethane	9.655	83	36702	21.684	ug/l	98
48) Methyl methacrylate	9.449	41	13076	19.155	ug/l	93
49) 1,4-Dioxane	9.449	88	3462	452.560	ug/l	94
51) 4-Methyl-2-Pentanone	10.220	43	82695	103.257	ug/l	96
52) Toluene	10.396	92	55559	22.263	ug/l	97
53) t-1,3-Dichloropropene	10.614	75	32551	20.928	ug/l	93
54) cis-1,3-Dichloropropene	10.079	75	37316	21.701	ug/l	91
55) 1,1,2-Trichloroethane	10.790	97	18887	20.974	ug/l	93
56) Ethyl methacrylate	10.649	69	22169	20.348	ug/l	96
57) 1,3-Dichloropropane	10.937	76	32586	21.297	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.932	63	39942	92.035	ug/l	97
59) 2-Hexanone	10.973	43	53915	98.885	ug/l	99
60) Dibromochloromethane	11.126	129	22622	20.253	ug/l	95
61) 1,2-Dibromoethane	11.237	107	17161	21.215	ug/l	98
64) Tetrachloroethene	10.867	164	15877	21.260	ug/l	84
65) Chlorobenzene	11.661	112	59435	20.729	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.732	131	24195	21.253	ug/l	99
67) Ethyl Benzene	11.737	91	109737	20.514	ug/l	94
68) m/p-Xylenes	11.843	106	82601	42.104	ug/l	100
69) o-Xylene	12.167	106	38514	19.801	ug/l	94
70) Styrene	12.184	104	69114	20.522	ug/l	99
71) Bromoform	12.343	173	11735	19.873	ug/l #	94
73) Isopropylbenzene	12.467	105	112640	20.712	ug/l	99
74) N-amyl acetate	12.279	43	29662	19.877	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.720	83	23156	20.476	ug/l	98
76) 1,2,3-Trichloropropane	12.767	75	15487m	17.989	ug/l	
77) Bromobenzene	12.749	156	22892	20.086	ug/l	98
78) n-propylbenzene	12.808	91	140470	20.449	ug/l	100
79) 2-Chlorotoluene	12.896	91	80912	20.480	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	94840	20.918	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.514	75	6717	20.505	ug/l	95
82) 4-Chlorotoluene	12.990	91	85124	20.602	ug/l	98
83) tert-Butylbenzene	13.208	119	81454	20.387	ug/l	99
84) 1,2,4-Trimethylbenzene	13.255	105	93416	20.538	ug/l	100
85) sec-Butylbenzene	13.390	105	129000	20.766	ug/l	97
86) p-Isopropyltoluene	13.502	119	101414	20.274	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	48865	19.947	ug/l	98
88) 1,4-Dichlorobenzene	13.578	146	48604	20.261	ug/l	99
89) n-Butylbenzene	13.826	91	102623	20.445	ug/l	99
90) Hexachloroethane	14.096	117	20769	21.448	ug/l	91
91) 1,2-Dichlorobenzene	13.873	146	44070	20.427	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.484	75	3370	17.774	ug/l	95
93) 1,2,4-Trichlorobenzene	15.143	180	24445	19.884	ug/l	95
94) Hexachlorobutadiene	15.249	225	11925	20.385	ug/l	99
95) Naphthalene	15.378	128	50463	18.802	ug/l	99
96) 1,2,3-Trichlorobenzene	15.573	180	21253	19.885	ug/l	98

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ALS Vial : 10 Sample Multiplier: 1

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ClientSampleId :
VD0712SBS01

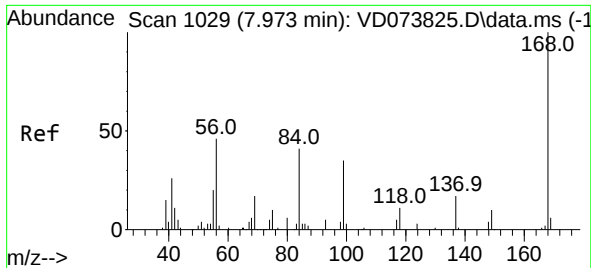
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022

Quant Time: Jul 13 04:31:15 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071122S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 12 07:04:44 2022
Response via : Initial Calibration

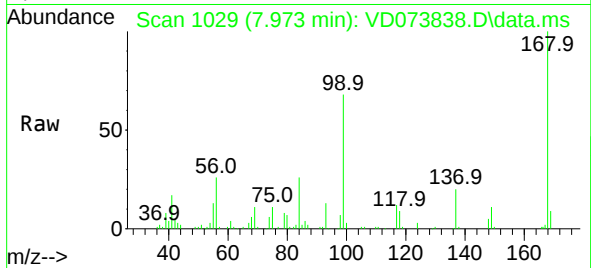
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 10
Delta R.T. -0.000 min
Lab File: VD073838.D
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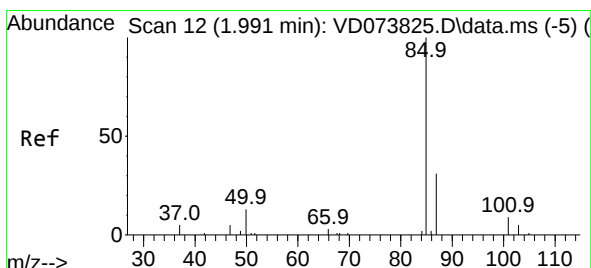
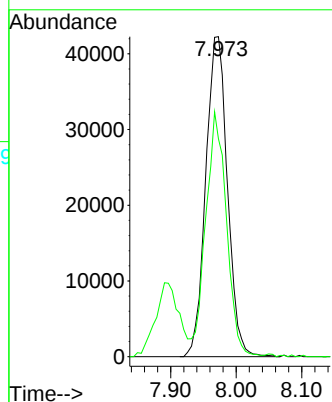
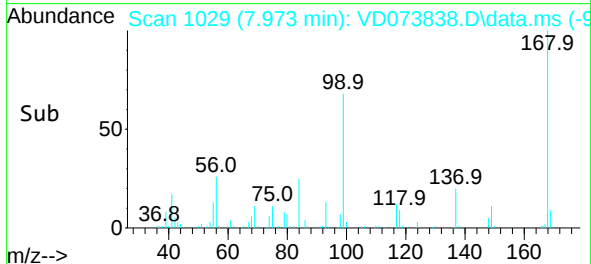
Instrument :
MSVOA_D
ClientSampleId :
VD0712SBS01



Tgt Ion:168 Resp: 9718
Ion Ratio Lower Upper
168 100
99 67.7 53.8 80.6

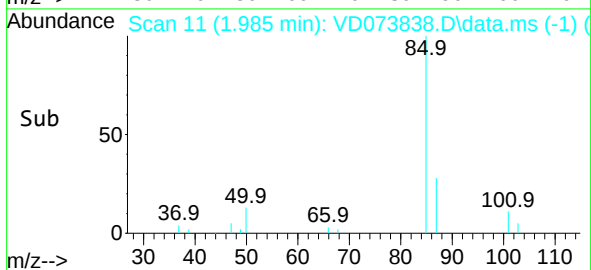
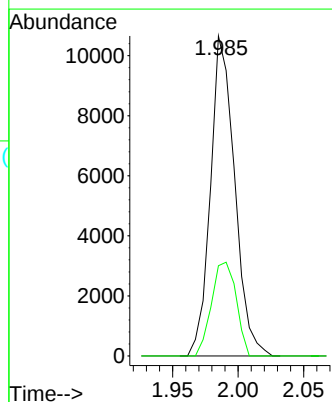
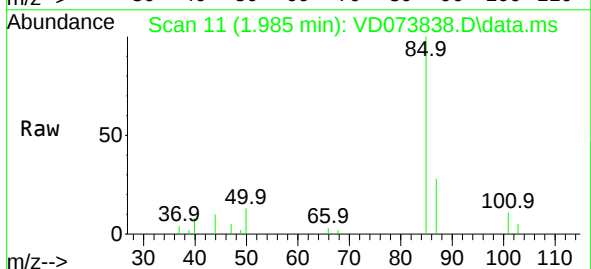
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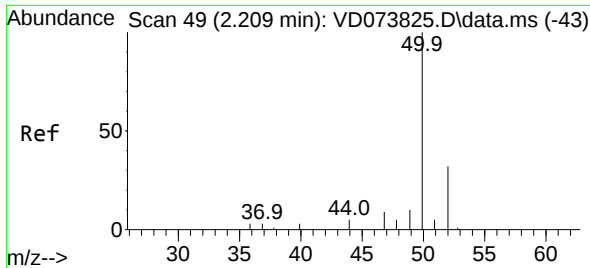
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#2
Dichlorodifluoromethane
Concen: 24.823 ug/l
RT: 1.985 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD073838.D
Acq: 12 Jul 2022 14:58

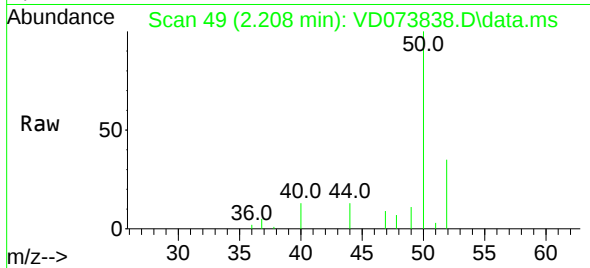
Tgt Ion: 85 Resp: 13682
Ion Ratio Lower Upper
85 100
87 28.2 15.6 46.7





#3
Chloromethane
Concen: 27.287 ug/l
RT: 2.208 min Scan# 49
Delta R.T. -0.001 min
Lab File: VD073838.D
Acq: 12 Jul 2022 14:58

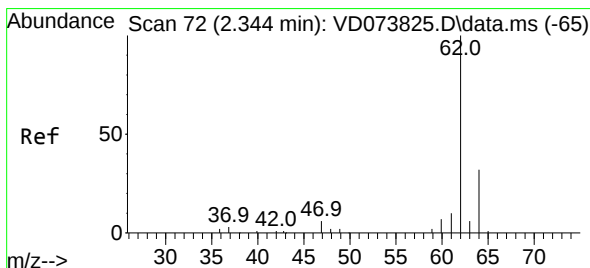
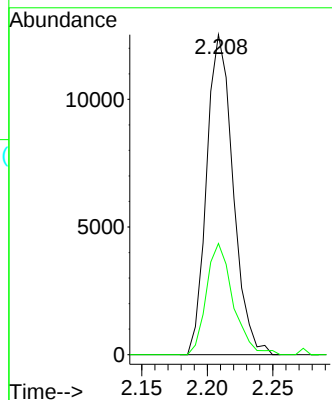
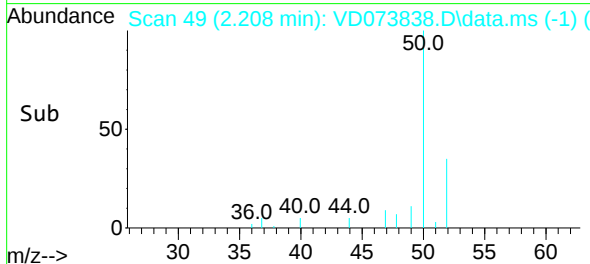
Instrument :
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ClientSampleId :
VD0712SBS01



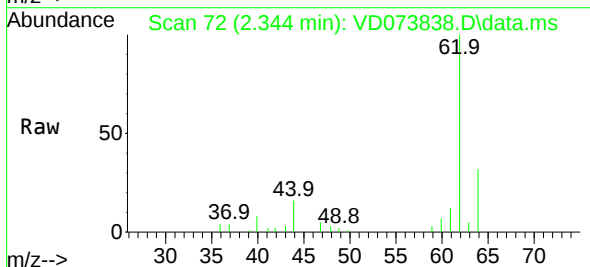
Tgt Ion: 50 Resp: 17564
Ion Ratio Lower Upper
50 100
52 34.8 25.5 38.3

Manual Integrations
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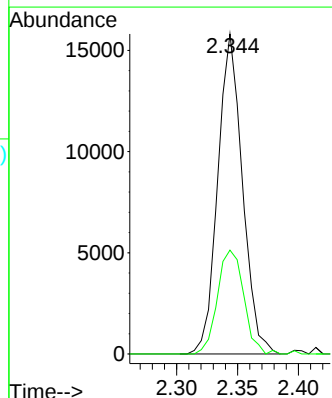
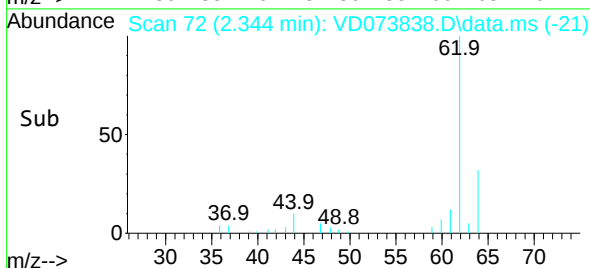
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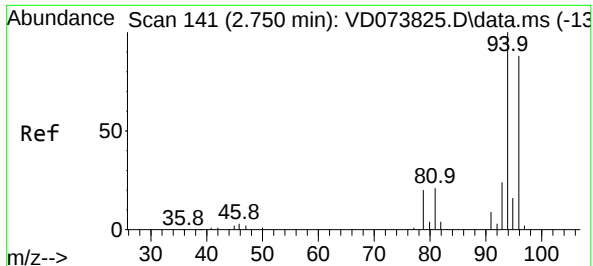


#4
Vinyl Chloride
Concen: 26.319 ug/l
RT: 2.344 min Scan# 72
Delta R.T. -0.000 min
Lab File: VD073838.D
Acq: 12 Jul 2022 14:58



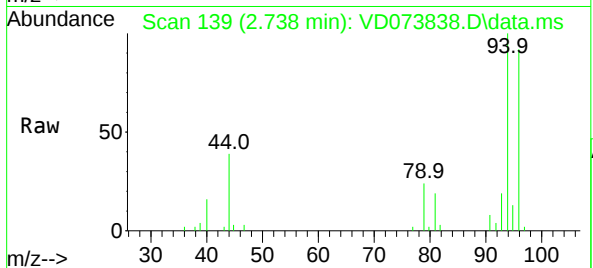
Tgt Ion: 62 Resp: 22292
Ion Ratio Lower Upper
62 100
64 32.5 25.4 38.0





#5
Bromomethane
Concen: 26.770 ug/l
RT: 2.738 min Scan# 11
Delta R.T. -0.012 min
Lab File: VD073838.D
Acq: 12 Jul 2022 14:58

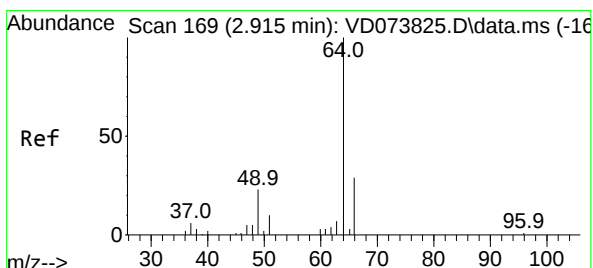
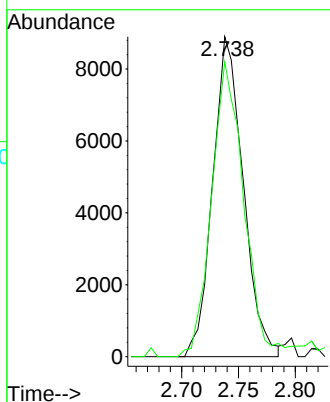
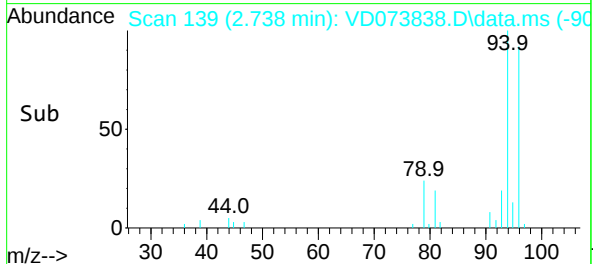
Instrument :
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Tgt Ion: 94 Resp: 1663
Ion Ratio Lower Upper
94 100
96 92.2 70.3 105.5

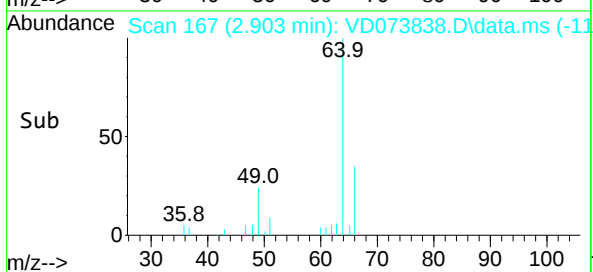
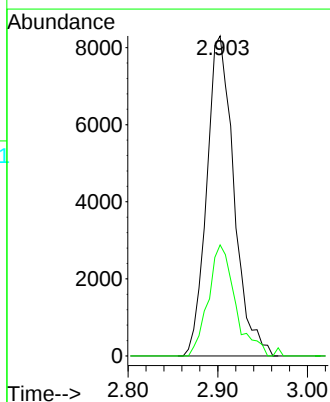
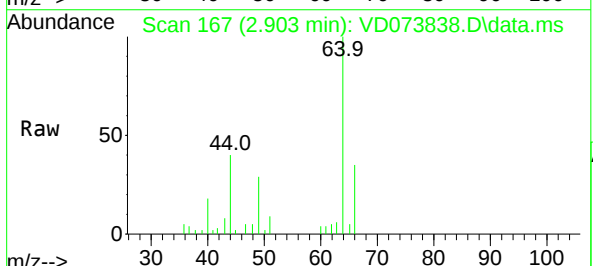
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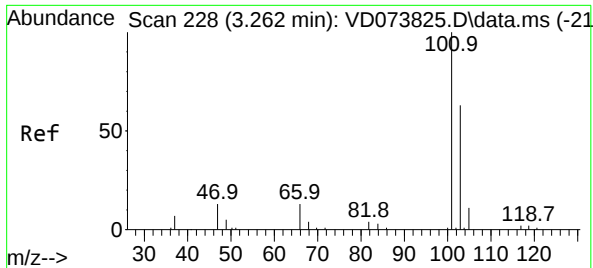
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#6
Chloroethane
Concen: 24.844 ug/l
RT: 2.903 min Scan# 167
Delta R.T. -0.012 min
Lab File: VD073838.D
Acq: 12 Jul 2022 14:58

Tgt Ion: 64 Resp: 17444
Ion Ratio Lower Upper
64 100
66 34.7 23.0 34.6#





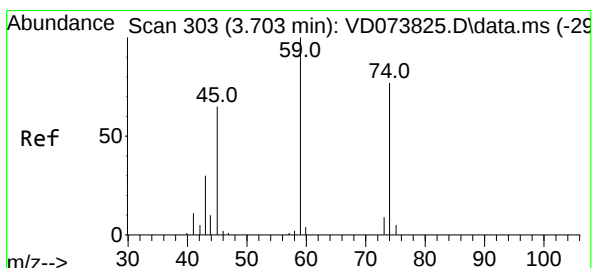
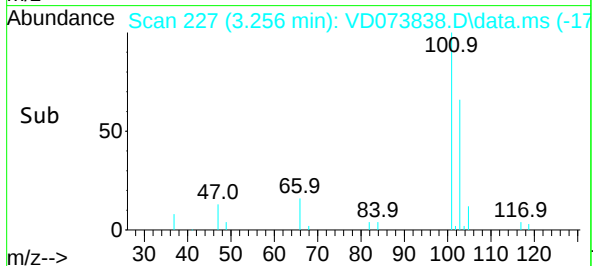
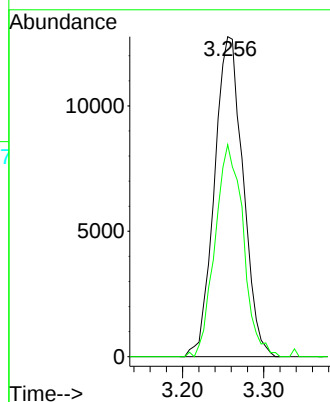
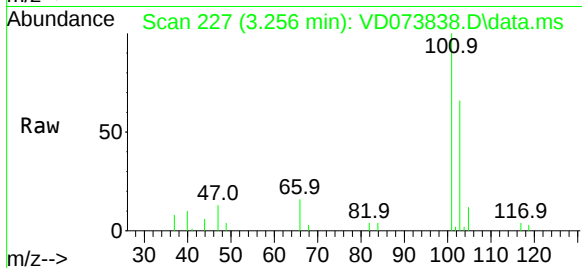
#7
 Trichlorofluoromethane
 Concen: 22.590 ug/l
 RT: 3.256 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VD073838.D
 Acq: 12 Jul 2022 14:58

Instrument :
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 VD0712SBS01

Tgt Ion:101 Resp: 31200
 Ion Ratio Lower Upper
 101 100
 103 66.3 50.3 75.5

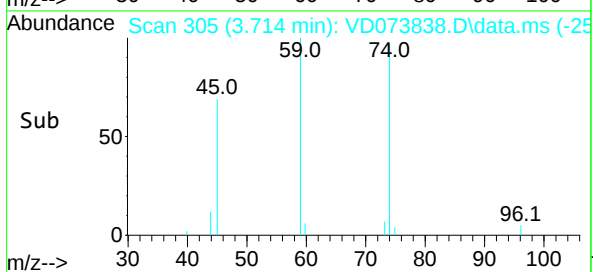
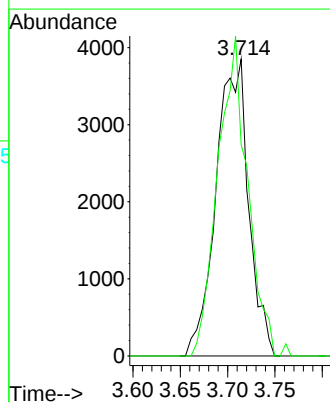
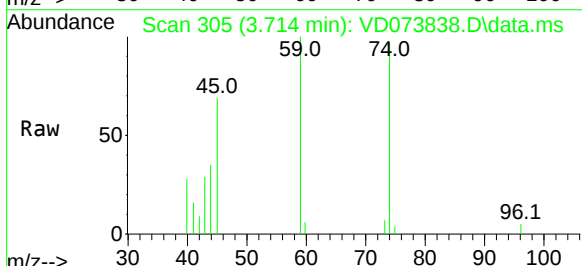
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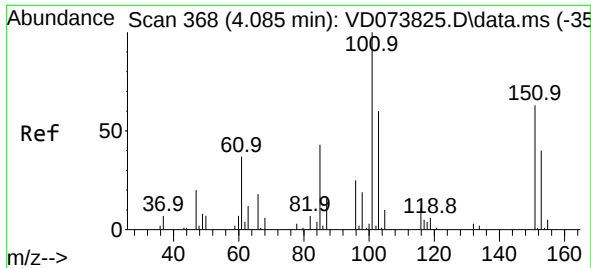
Reviewed By :John Carlone 07/13/2022
 Supervised By :Mahesh Dadoda 07/13/2022



#8
 Diethyl Ether
 Concen: 21.140 ug/l
 RT: 3.714 min Scan# 305
 Delta R.T. 0.011 min
 Lab File: VD073838.D
 Acq: 12 Jul 2022 14:58

Tgt Ion: 74 Resp: 9202
 Ion Ratio Lower Upper
 74 100
 45 98.5 48.9 146.7





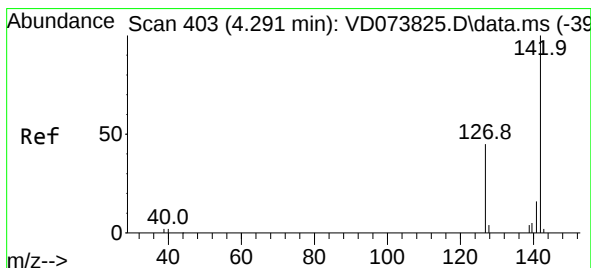
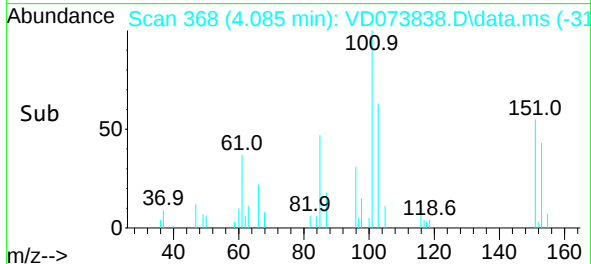
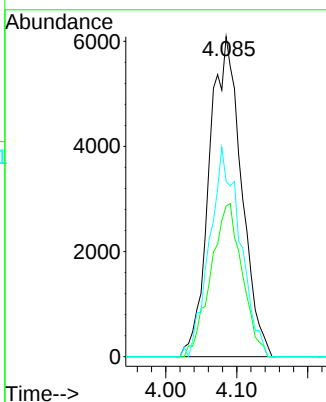
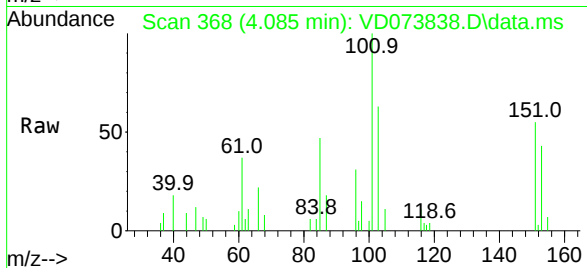
#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.440 ug/l
RT: 4.085 min Scan# 30
Delta R.T. -0.000 min
Lab File: VD073838.D
Acq: 12 Jul 2022 14:58

Instrument :
MSVOA_D
ClientSampleId :
VD0712SBS01

Tgt Ion:101 Resp: 1912
Ion Ratio Lower Upper
101 100
85 46.7 38.6 57.8
151 62.1 53.6 80.4

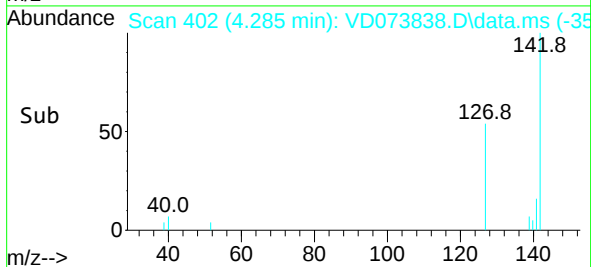
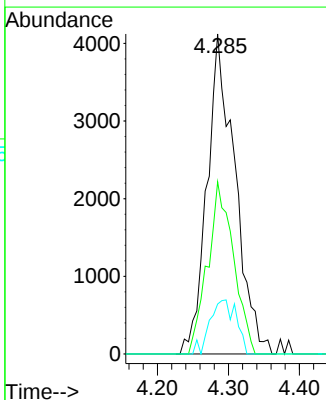
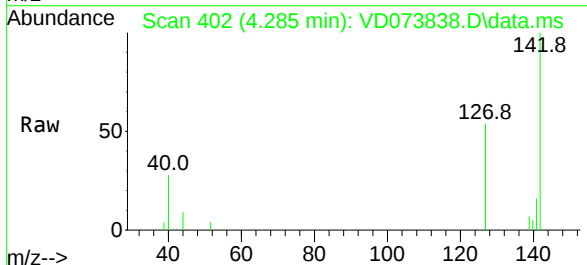
Manual Integrations
APPROVED

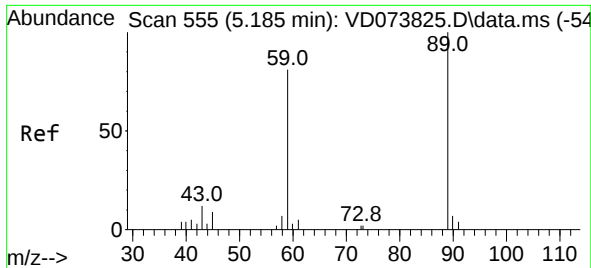
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#10
Methyl Iodide
Concen: 20.417 ug/l
RT: 4.285 min Scan# 402
Delta R.T. -0.006 min
Lab File: VD073838.D
Acq: 12 Jul 2022 14:58

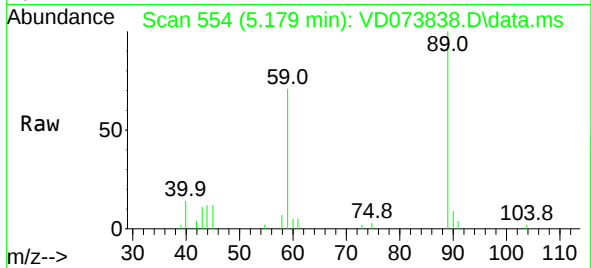
Tgt Ion:142 Resp: 11290
Ion Ratio Lower Upper
142 100
127 49.7 39.8 59.6
141 15.8 11.9 17.9





#11
Tert butyl alcohol
Concen: 94.197 ug/l
RT: 5.179 min Scan# 511
Delta R.T. -0.006 min
Lab File: VD073838.D
Acq: 12 Jul 2022 14:58

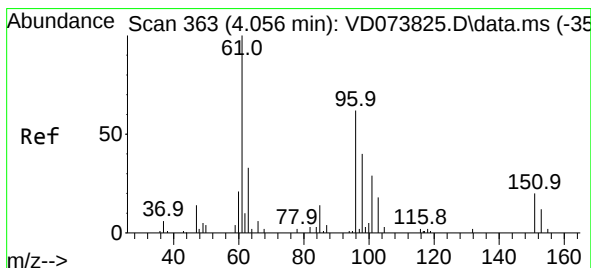
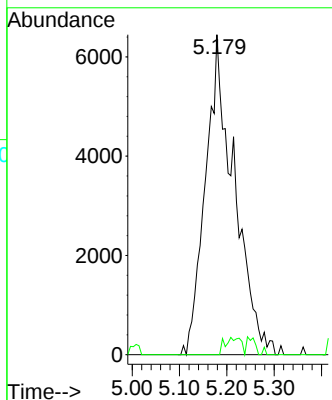
Instrument :
MSVOA_D
ClientSampleId :
VD0712SBS01



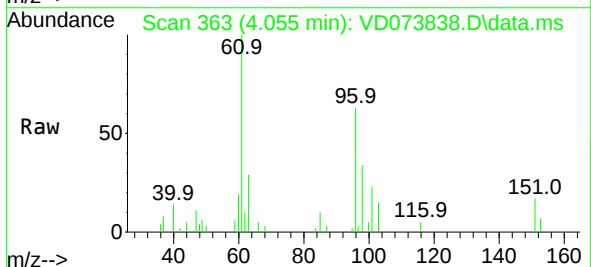
Tgt Ion: 59 Resp: 2707
Ion Ratio Lower Upper
59 100
57 0.0 0.0 0.0

Manual Integrations
APPROVED

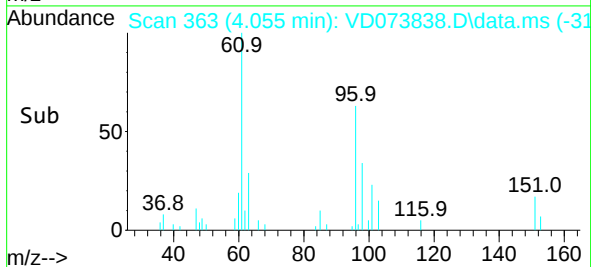
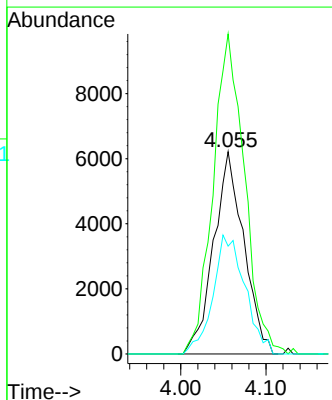
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022

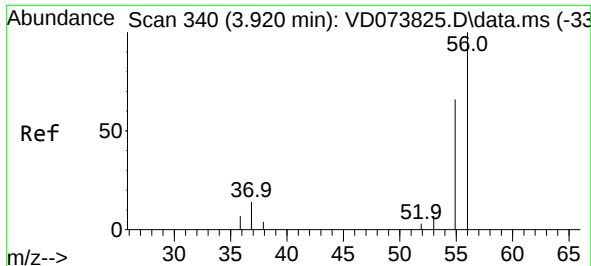


#12
1,1-Dichloroethene
Concen: 23.475 ug/l
RT: 4.055 min Scan# 363
Delta R.T. -0.001 min
Lab File: VD073838.D
Acq: 12 Jul 2022 14:58



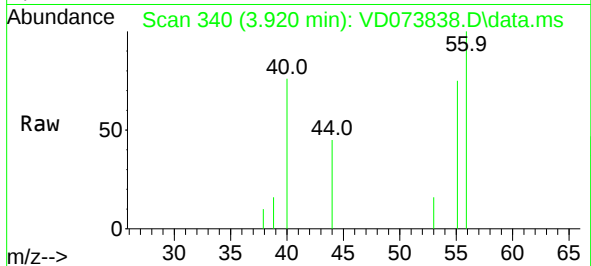
Tgt Ion: 96 Resp: 15339
Ion Ratio Lower Upper
96 100
61 158.3 130.1 195.1
98 53.4 52.1 78.1





#13
Acrolein
Concen: 96.300 ug/l
RT: 3.920 min Scan# 340
Delta R.T. 0.000 min
Lab File: VD073838.D
Acq: 12 Jul 2022 14:58

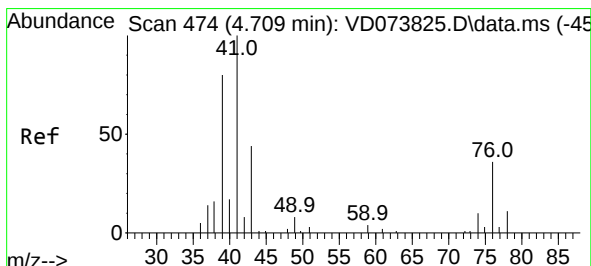
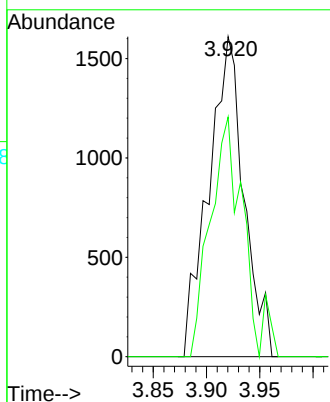
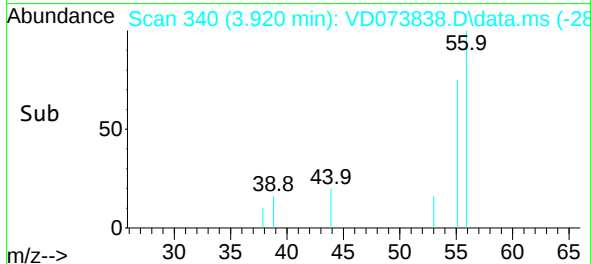
Instrument :
MSVOA_D
ClientSampleId :
VD0712SBS01



Tgt Ion: 56 Resp: 3718
Ion Ratio Lower Upper
56 100
55 65.8 54.7 82.1

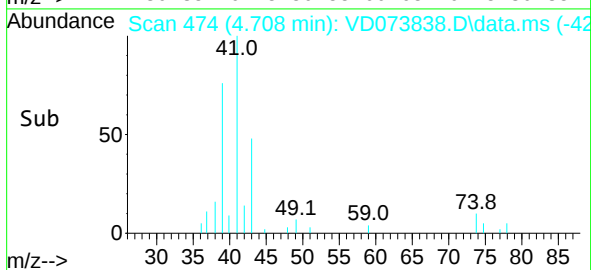
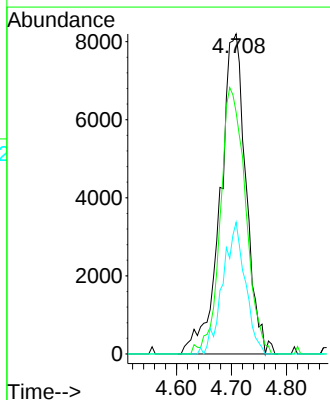
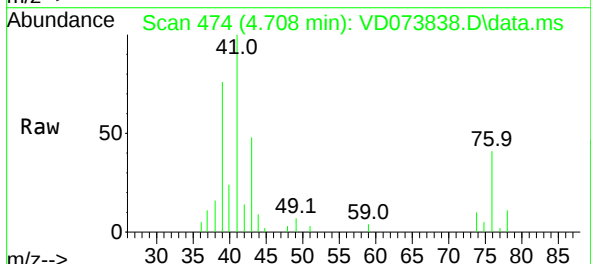
Manual Integrations
APPROVED

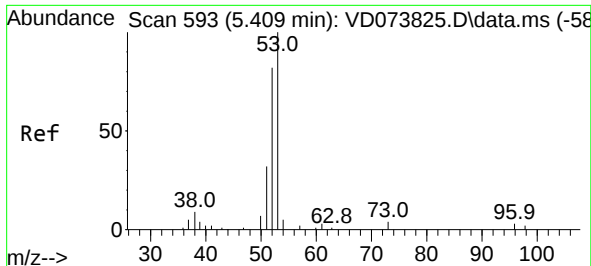
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#14
Allyl chloride
Concen: 21.155 ug/l
RT: 4.708 min Scan# 474
Delta R.T. -0.001 min
Lab File: VD073838.D
Acq: 12 Jul 2022 14:58

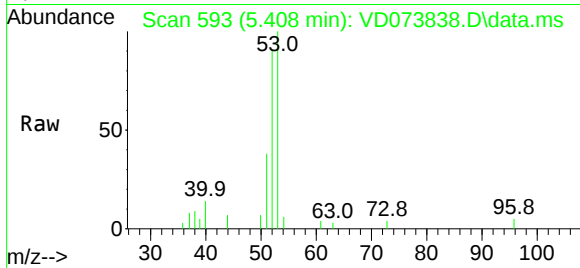
Tgt Ion: 41 Resp: 26652
Ion Ratio Lower Upper
41 100
39 81.3 62.5 93.7
76 35.8 28.6 43.0





#15
Acrylonitrile
Concen: 101.214 ug/l
RT: 5.408 min Scan# 593
Delta R.T. -0.000 min
Lab File: VD073838.D
Acq: 12 Jul 2022 14:58

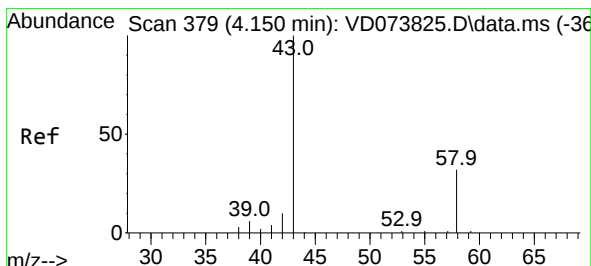
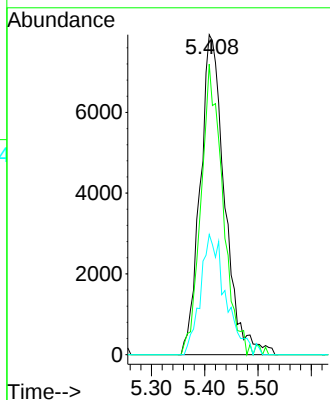
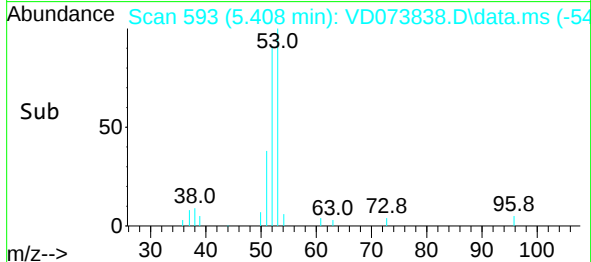
Instrument :
MSVOA_D
ClientSampleId :
VD0712SBS01



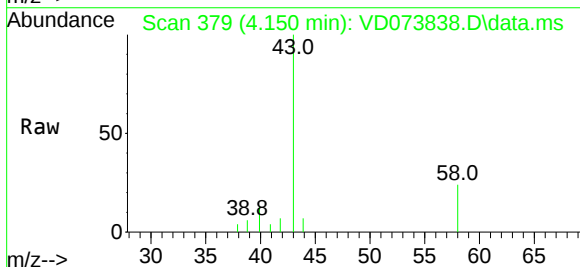
Tgt Ion: 53 Resp: 2526
Ion Ratio Lower Upper
53 100
52 81.0 66.1 99.1
51 38.4 30.6 45.8

Manual Integrations
APPROVED

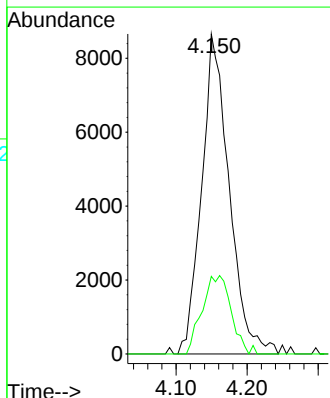
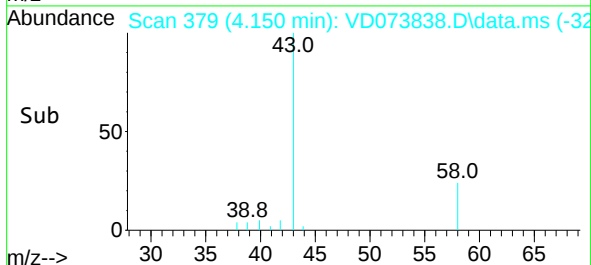
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022

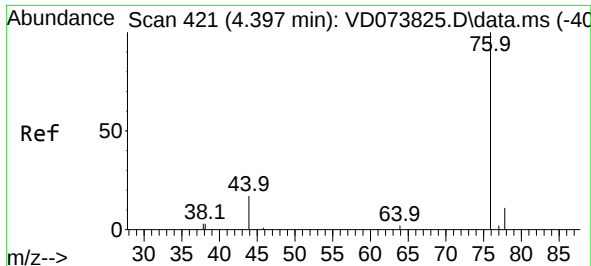


#16
Acetone
Concen: 104.605 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.000 min
Lab File: VD073838.D
Acq: 12 Jul 2022 14:58



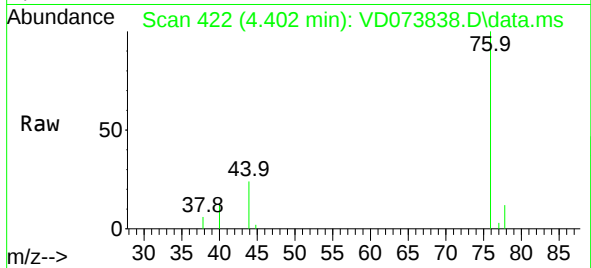
Tgt Ion: 43 Resp: 23328
Ion Ratio Lower Upper
43 100
58 24.3 25.2 37.8#





#17
Carbon Disulfide
Concen: 25.893 ug/l
RT: 4.402 min Scan# 41
Delta R.T. 0.005 min
Lab File: VD073838.D
Acq: 12 Jul 2022 14:58

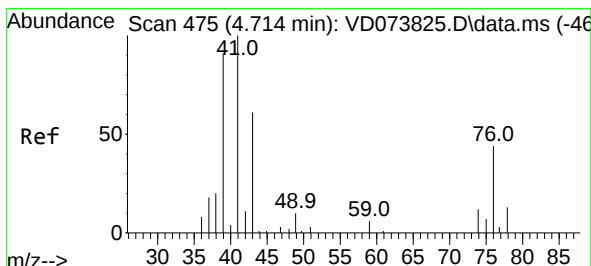
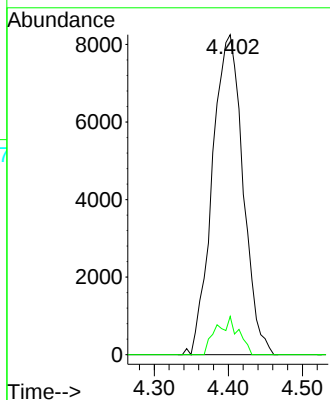
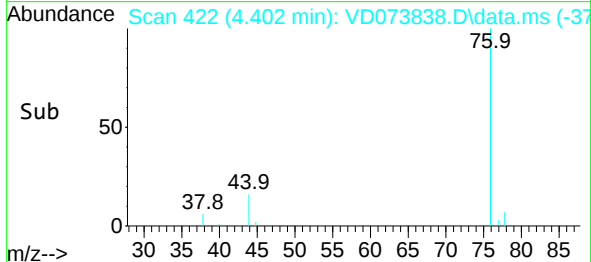
Instrument :
MSVOA_D
ClientSampleId :
VD0712SBS01



Tgt Ion: 76 Resp: 23730
Ion Ratio Lower Upper
76 100
78 12.0 8.7 13.1

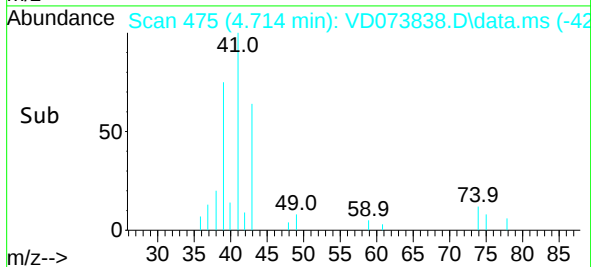
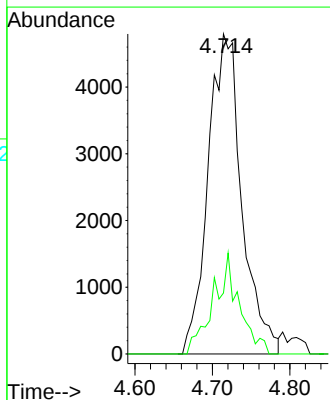
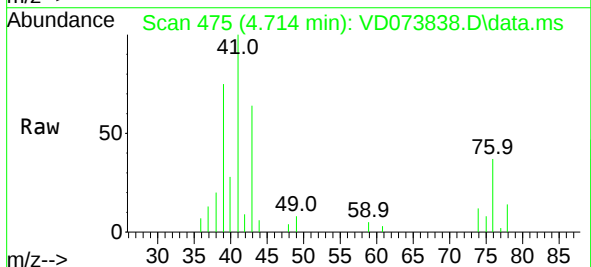
Manual Integrations
APPROVED

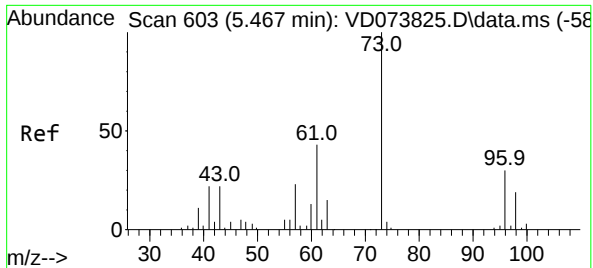
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#18
Methyl Acetate
Concen: 23.761 ug/l
RT: 4.714 min Scan# 475
Delta R.T. 0.000 min
Lab File: VD073838.D
Acq: 12 Jul 2022 14:58

Tgt Ion: 43 Resp: 14494
Ion Ratio Lower Upper
43 100
74 24.3 17.0 25.4





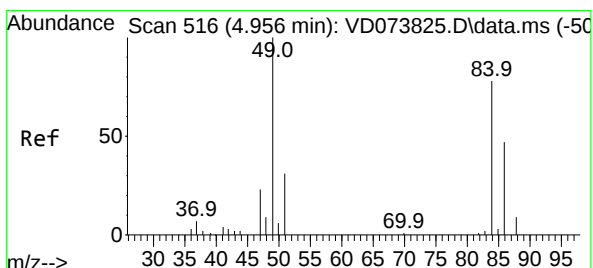
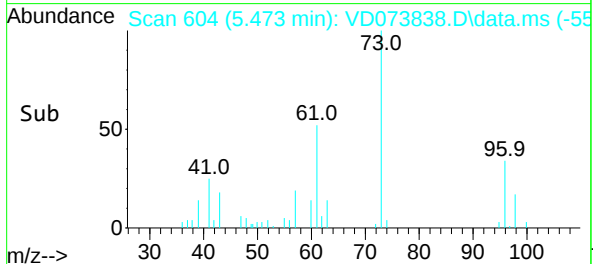
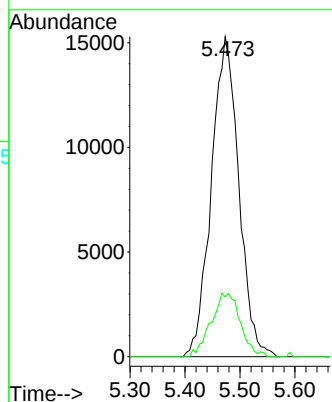
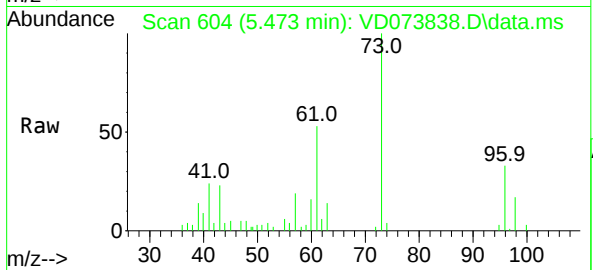
#19
Methyl tert-butyl Ether
Concen: 21.007 ug/l
RT: 5.473 min Scan# 603
Delta R.T. 0.006 min
Lab File: VD073838.D
Acq: 12 Jul 2022 14:58

Instrument :
MSVOA_D
ClientSampleId :
VD0712SBS01

Tgt Ion: 73 Resp: 52940
Ion Ratio Lower Upper
73 100
57 18.7 18.6 28.0

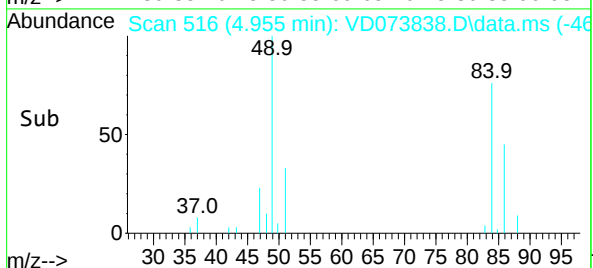
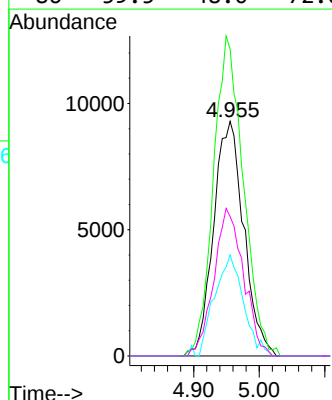
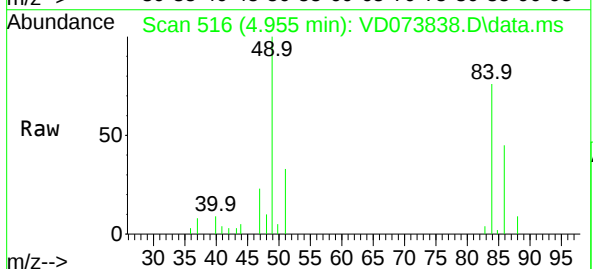
Manual Integrations
APPROVED

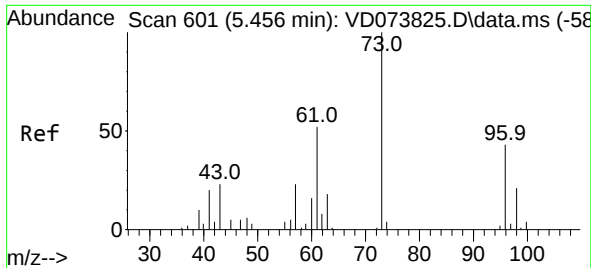
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#20
Methylene Chloride
Concen: 26.919 ug/l
RT: 4.955 min Scan# 516
Delta R.T. -0.001 min
Lab File: VD073838.D
Acq: 12 Jul 2022 14:58

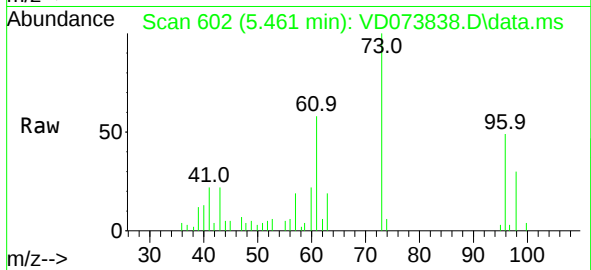
Tgt Ion: 84 Resp: 29710
Ion Ratio Lower Upper
84 100
49 130.9 102.5 153.7
51 43.1 31.4 47.0
86 59.5 48.0 72.0





#21
trans-1,2-Dichloroethene
Concen: 21.716 ug/l
RT: 5.461 min Scan# 601
Delta R.T. 0.005 min
Lab File: VD073838.D
Acq: 12 Jul 2022 14:58

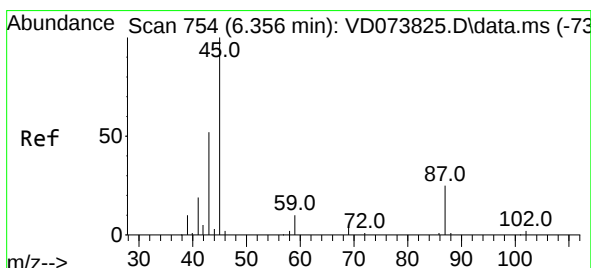
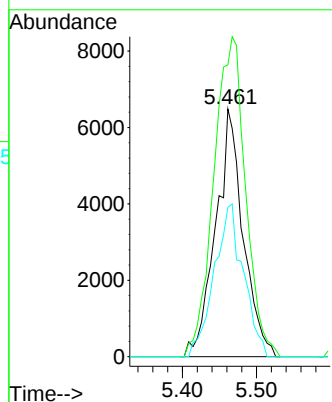
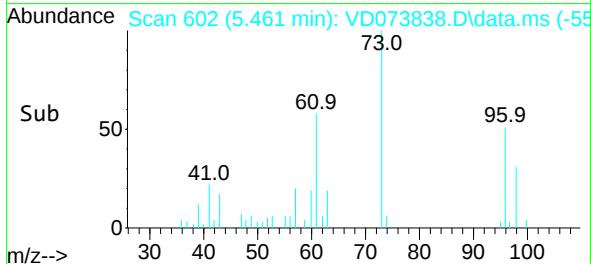
Instrument :
MSVOA_D
ClientSampleId :
VD0712SBS01



Tgt Ion: 96 Resp: 16700
Ion Ratio Lower Upper
96 100
61 117.8 97.0 145.6
98 60.3 39.5 59.3

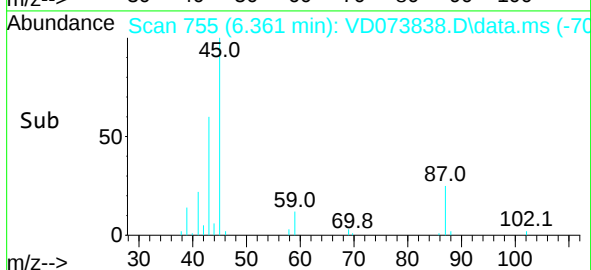
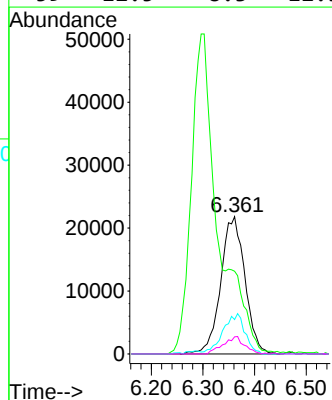
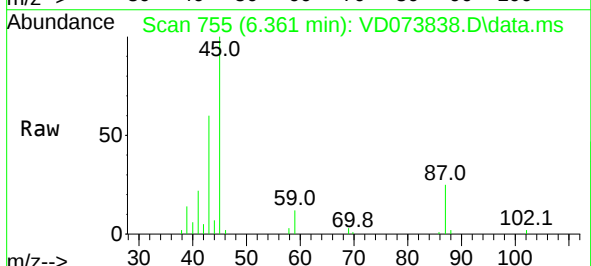
Manual Integrations
APPROVED

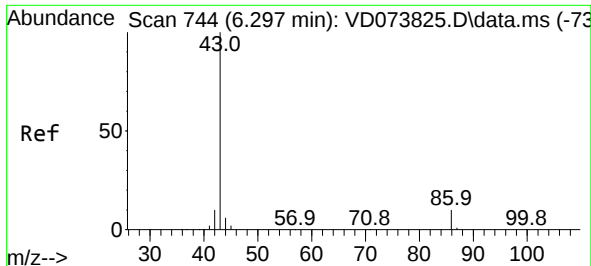
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#22
Diisopropyl ether
Concen: 20.629 ug/l
RT: 6.361 min Scan# 755
Delta R.T. 0.006 min
Lab File: VD073838.D
Acq: 12 Jul 2022 14:58

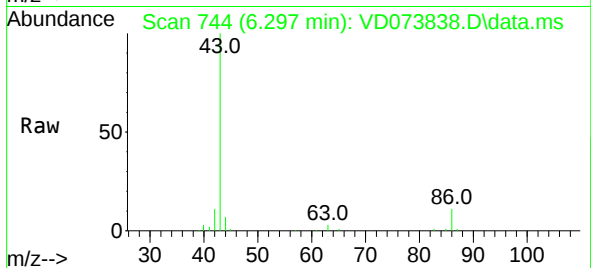
Tgt Ion: 45 Resp: 70946
Ion Ratio Lower Upper
45 100
43 59.2 44.1 66.1
87 25.1 20.8 31.2
59 12.5 8.3 12.5





#23
 Vinyl Acetate
 Concen: 103.821 ug/l m
 RT: 6.297 min Scan# 744
 Delta R.T. -0.000 min
 Lab File: VD073838.D
 Acq: 12 Jul 2022 14:58

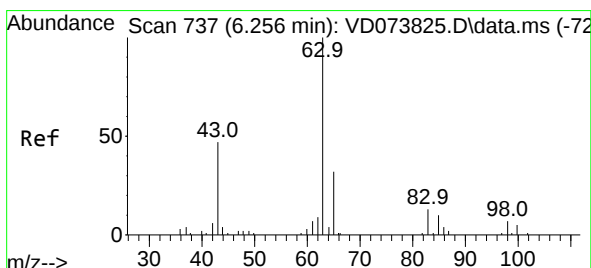
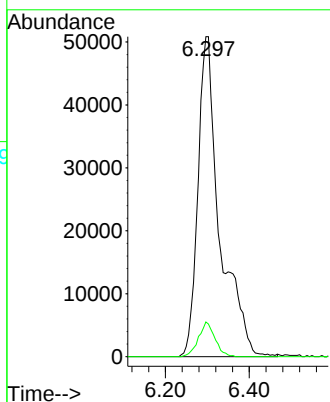
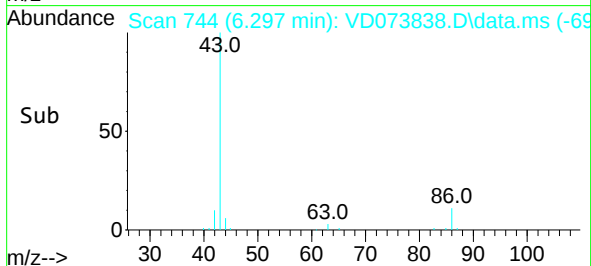
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0712SBS01



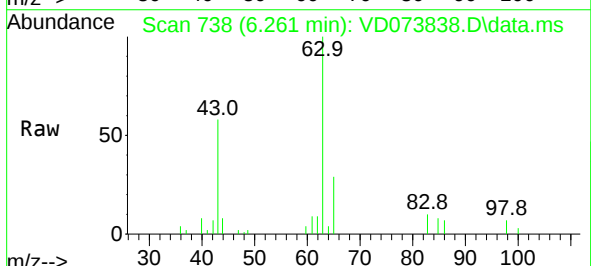
Tgt Ion: 43 Resp: 183464
 Ion Ratio Lower Upper
 43 100
 86 10.8 7.8 11.8

Manual Integrations
 APPROVED

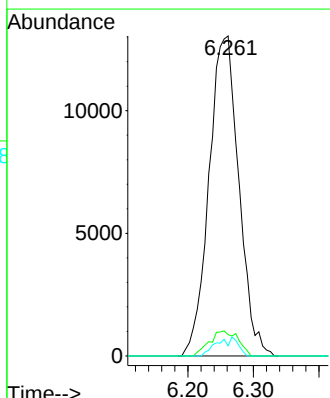
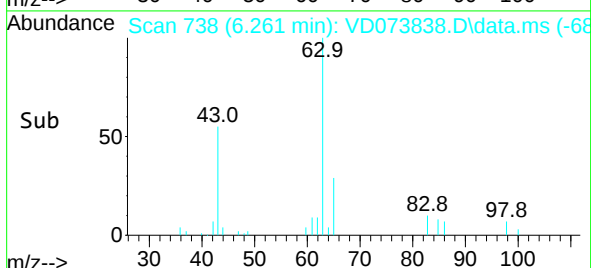
Reviewed By :John Carlone 07/13/2022
 Supervised By :Mahesh Dadoda 07/13/2022

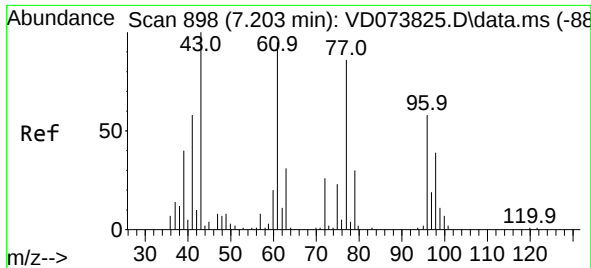


#24
 1,1-Dichloroethane
 Concen: 21.921 ug/l
 RT: 6.261 min Scan# 738
 Delta R.T. 0.006 min
 Lab File: VD073838.D
 Acq: 12 Jul 2022 14:58



Tgt Ion: 63 Resp: 41187
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.7 11.1
 100 3.2 2.5 7.6





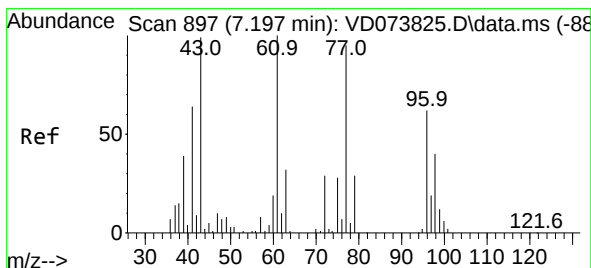
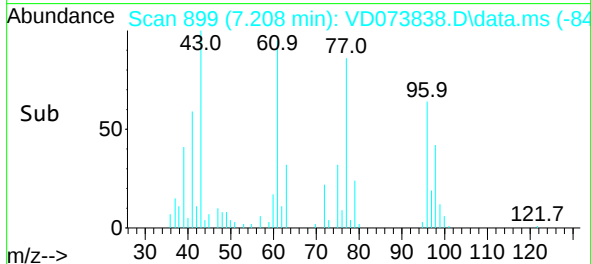
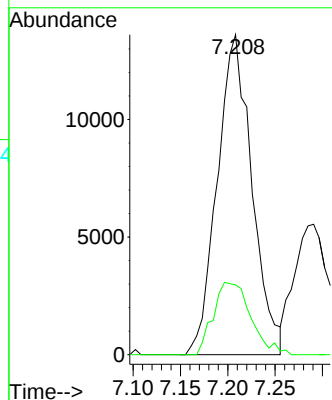
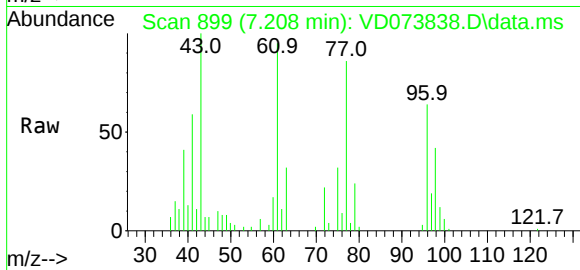
#25
2-Butanone
Concen: 103.367 ug/l
RT: 7.208 min Scan# 899
Delta R.T. 0.006 min
Lab File: VD073838.D
Acq: 12 Jul 2022 14:58

Instrument :
MSVOA_D
ClientSampleId :
VD0712SBS01

Tgt Ion: 43 Resp: 34679
Ion Ratio Lower Upper
43 100
72 21.8 20.9 31.3

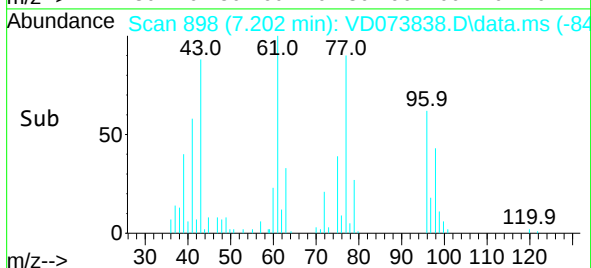
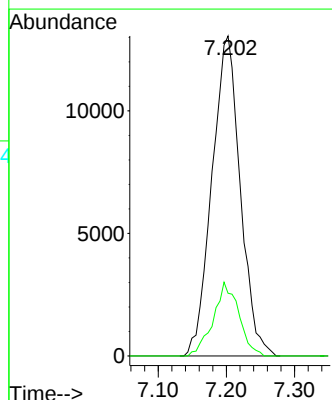
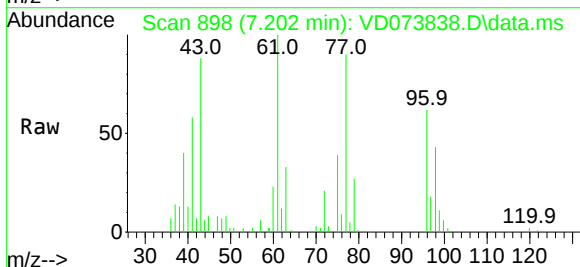
Manual Integrations
APPROVED

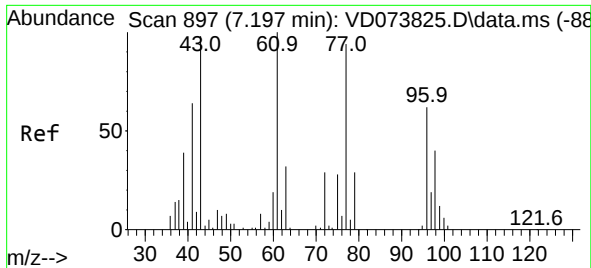
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#26
2,2-Dichloropropane
Concen: 21.084 ug/l
RT: 7.202 min Scan# 898
Delta R.T. 0.006 min
Lab File: VD073838.D
Acq: 12 Jul 2022 14:58

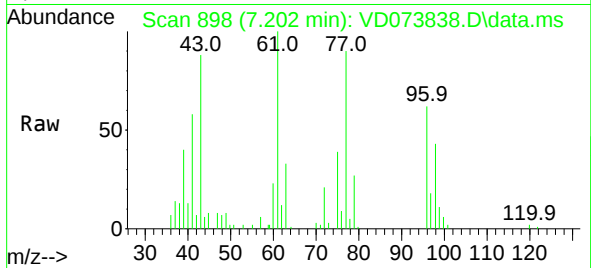
Tgt Ion: 77 Resp: 37714
Ion Ratio Lower Upper
77 100
97 20.8 10.7 31.9





#27
cis-1,2-Dichloroethene
Concen: 21.793 ug/l
RT: 7.202 min Scan# 897
Delta R.T. 0.006 min
Lab File: VD073838.D
Acq: 12 Jul 2022 14:58

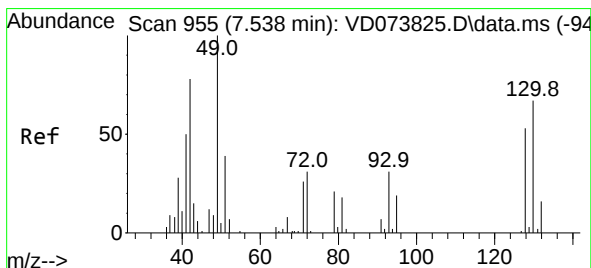
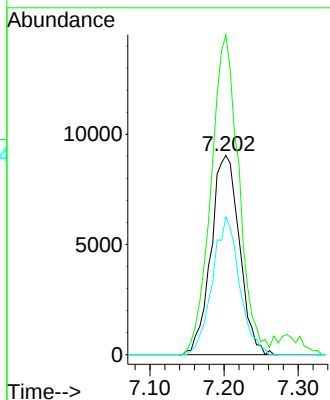
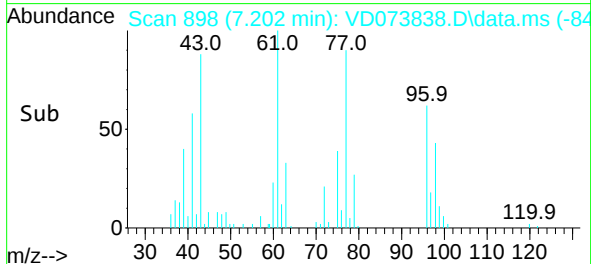
Instrument :
MSVOA_D
ClientSampleId :
VD0712SBS01



Tgt Ion: 96 Resp: 2405
Ion Ratio Lower Upper
96 100
61 157.9 0.0 324.4
98 65.9 0.0 131.6

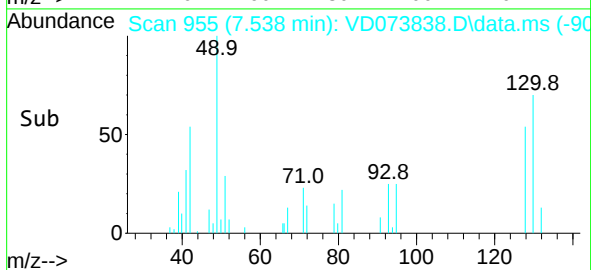
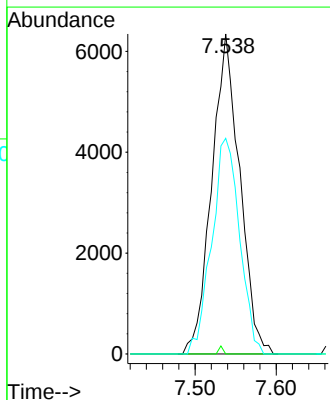
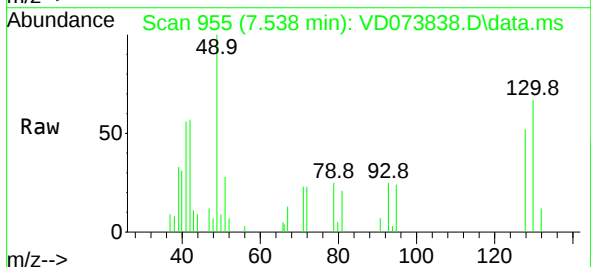
Manual Integrations
APPROVED

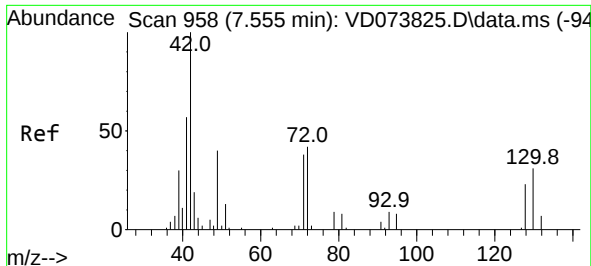
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#28
Bromochloromethane
Concen: 19.794 ug/l
RT: 7.538 min Scan# 955
Delta R.T. -0.000 min
Lab File: VD073838.D
Acq: 12 Jul 2022 14:58

Tgt Ion: 49 Resp: 15168
Ion Ratio Lower Upper
49 100
129 0.4 0.0 3.0
130 67.3 51.8 77.6





#29

Tetrahydrofuran

Concen: 99.692 ug/l

RT: 7.561 min Scan# 91

Delta R.T. 0.006 min

Lab File: VD073838.D

Acq: 12 Jul 2022 14:58

Instrument :

MSVOA_D

ClientSampleId :

VD0712SBS01

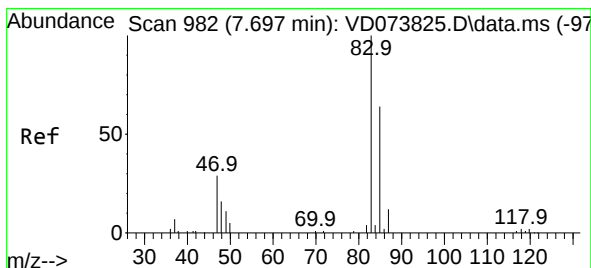
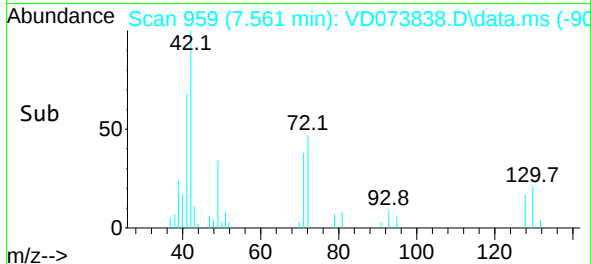
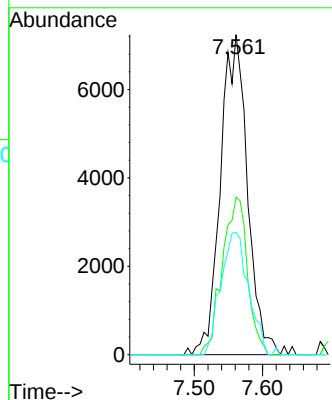
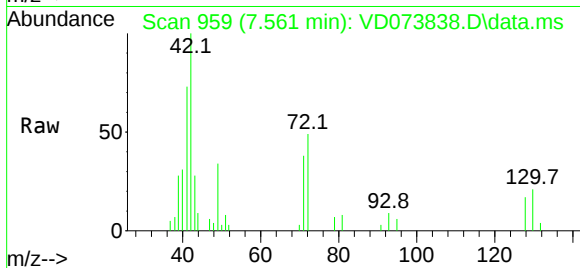
Tgt Ion:	42	Resp:	1992
Ion Ratio	Lower	Upper	
42	100		
72	45.9	33.5	50.3
71	39.2	31.0	46.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/13/2022

Supervised By :Mahesh Dadoda 07/13/2022



#30

Chloroform

Concen: 21.883 ug/l

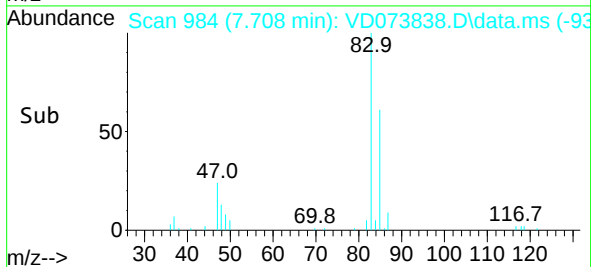
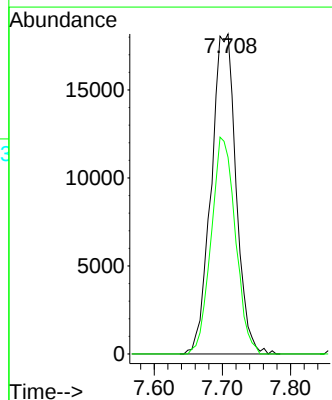
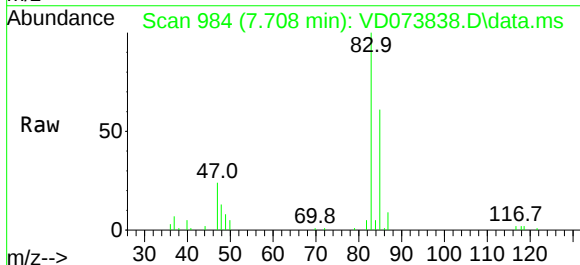
RT: 7.708 min Scan# 984

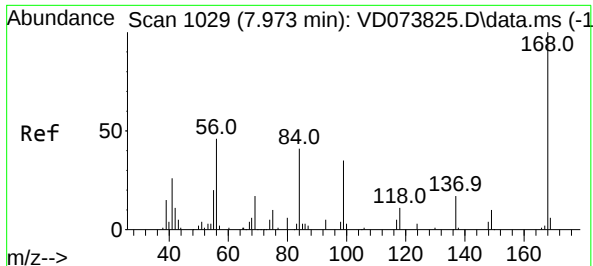
Delta R.T. 0.012 min

Lab File: VD073838.D

Acq: 12 Jul 2022 14:58

Tgt Ion:	83	Resp:	46215
Ion Ratio	Lower	Upper	
83	100		
85	61.4	51.2	76.8





#31

Cyclohexane

Concen: 24.476 ug/l

RT: 7.979 min Scan# 1029

Delta R.T. 0.006 min

Lab File: VD073838.D

Acq: 12 Jul 2022 14:58

Instrument :

MSVOA_D

ClientSampleId :

VD0712SBS01

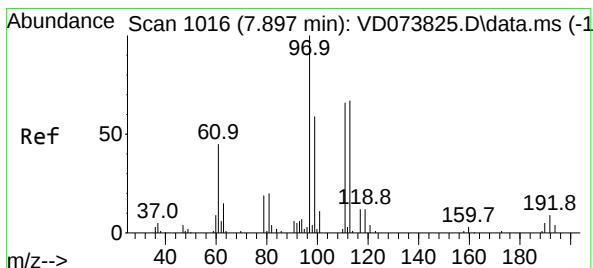
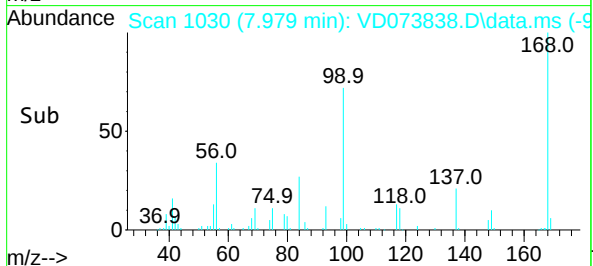
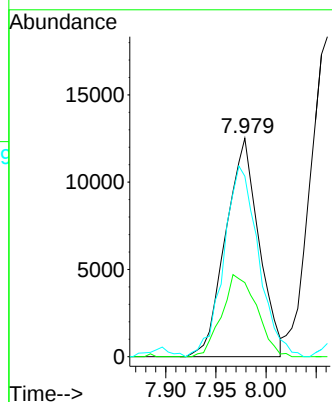
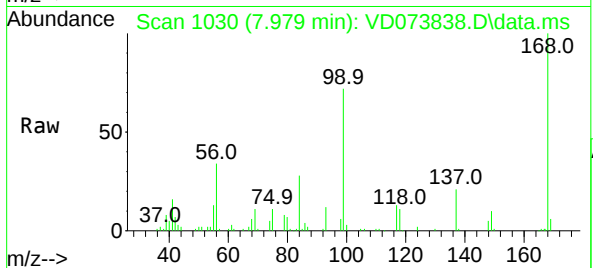
Tgt Ion:	56	Resp:	2889
Ion Ratio	Lower	Upper	
56	100		
69	33.9	29.1	43.7
84	81.1	68.2	102.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/13/2022

Supervised By :Mahesh Dadoda 07/13/2022



#32

1,1,1-Trichloroethane

Concen: 21.677 ug/l

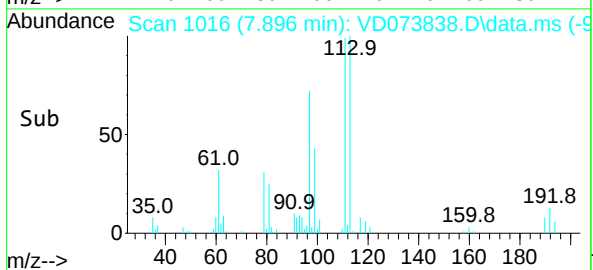
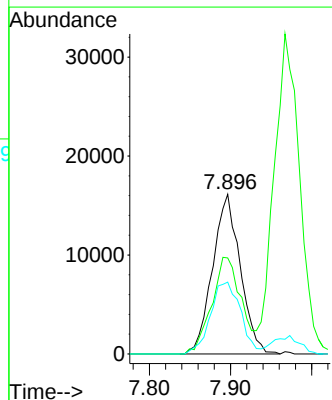
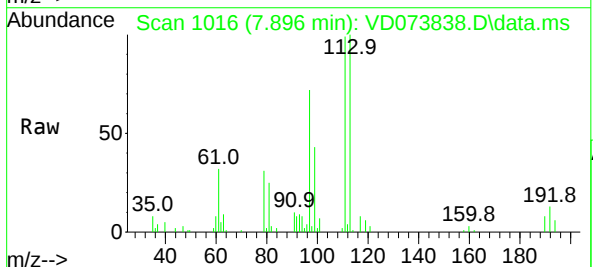
RT: 7.896 min Scan# 1016

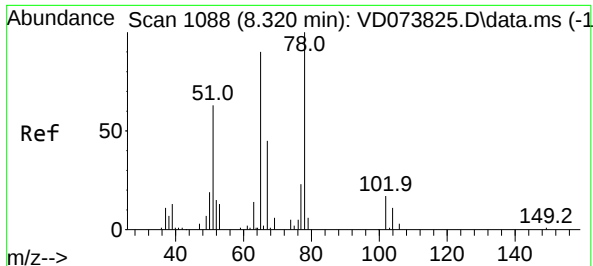
Delta R.T. -0.000 min

Lab File: VD073838.D

Acq: 12 Jul 2022 14:58

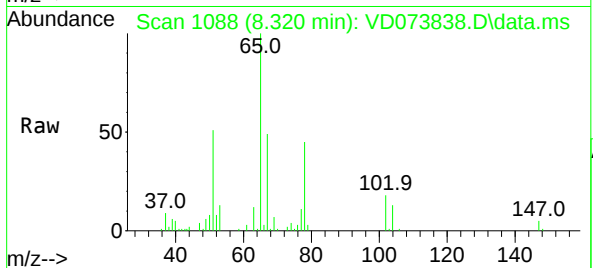
Tgt Ion:	97	Resp:	38277
Ion Ratio	Lower	Upper	
97	100		
99	63.1	52.2	78.2
61	48.9	37.0	55.4





#33
1,2-Dichloroethane-d4
Concen: 46.979 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. -0.000 min
Lab File: VD073838.D
Acq: 12 Jul 2022 14:58

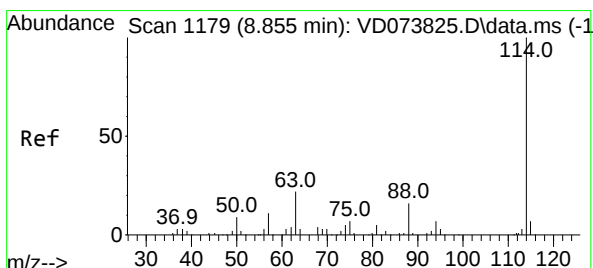
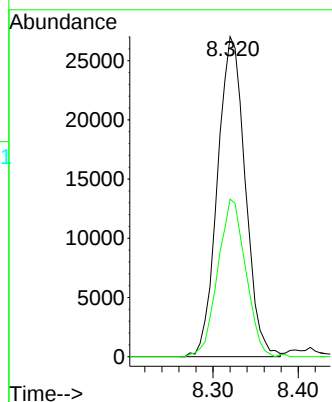
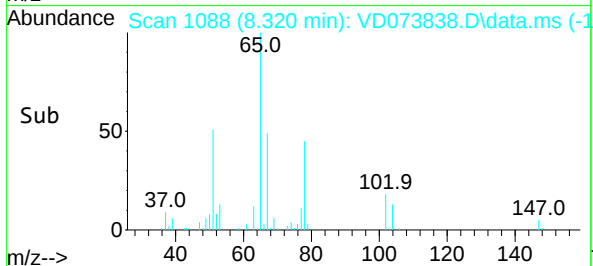
Instrument :
MSVOA_D
ClientSampleId :
VD0712SBS01



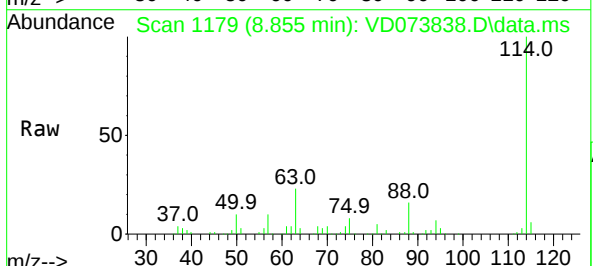
Tgt Ion: 65 Resp: 6115
Ion Ratio Lower Upper
65 100
67 49.4 0.0 106.0

Manual Integrations
APPROVED

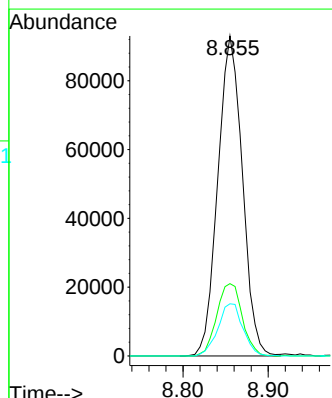
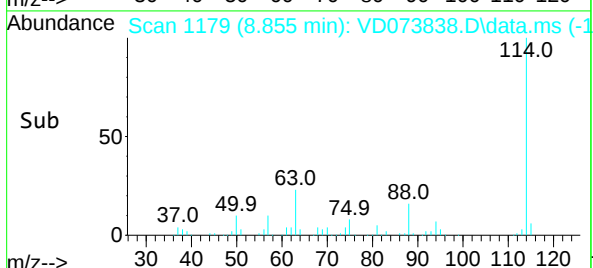
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022

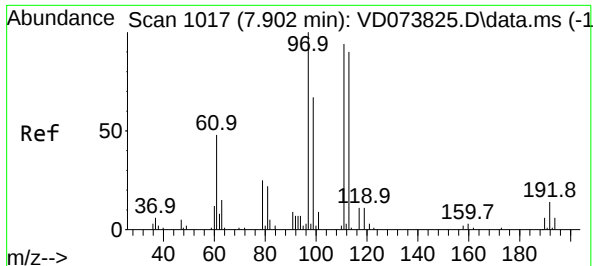


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.855 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VD073838.D
Acq: 12 Jul 2022 14:58



Tgt Ion:114 Resp: 186499
Ion Ratio Lower Upper
114 100
63 22.6 0.0 43.0
88 16.3 0.0 33.0





#35

Dibromofluoromethane

Concen: 51.167 ug/l

RT: 7.902 min Scan# 1017

Delta R.T. -0.000 min

Lab File: VD073838.D

Acq: 12 Jul 2022 14:58

Instrument :

MSVOA_D

ClientSampleId :

VD0712SBS01

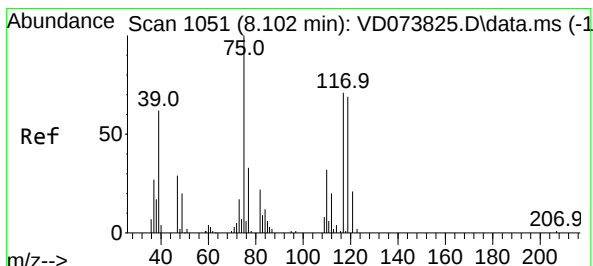
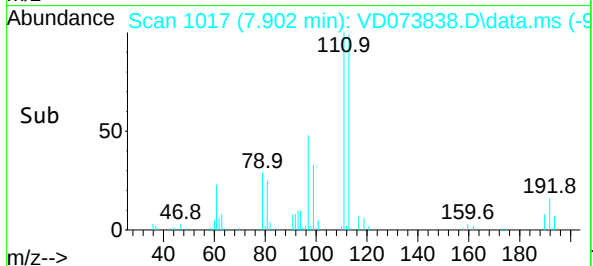
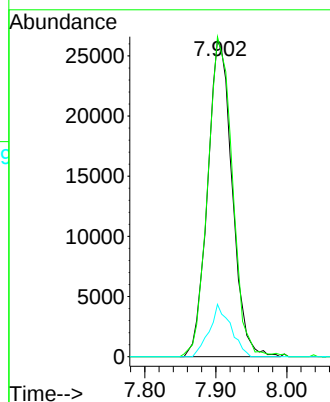
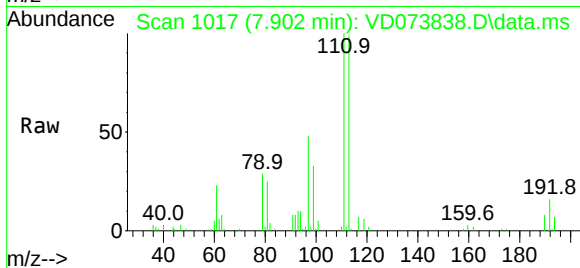
Tgt Ion:	113	Resp:	63128
Ion	Ratio	Lower	Upper
113	100		
111	101.4	82.2	123.4
192	14.4	12.3	18.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/13/2022

Supervised By :Mahesh Dadoda 07/13/2022



#36

1,1-Dichloropropene

Concen: 22.302 ug/l

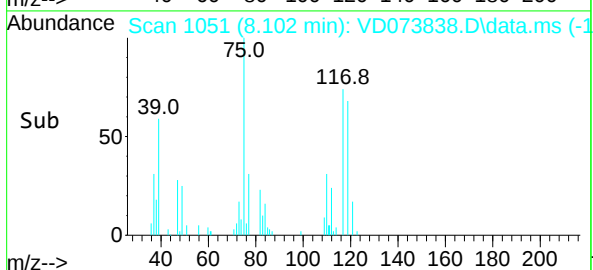
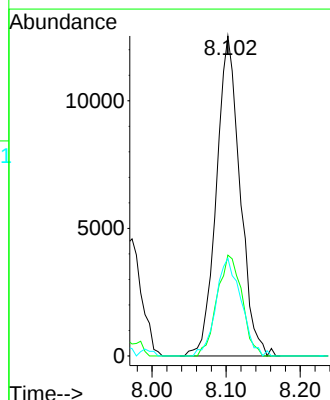
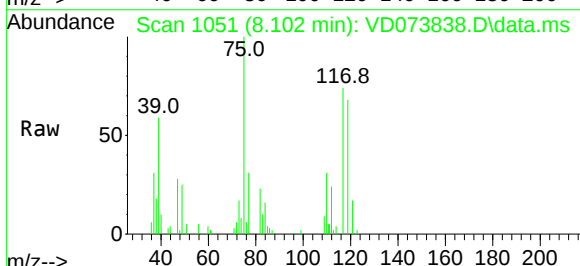
RT: 8.102 min Scan# 1051

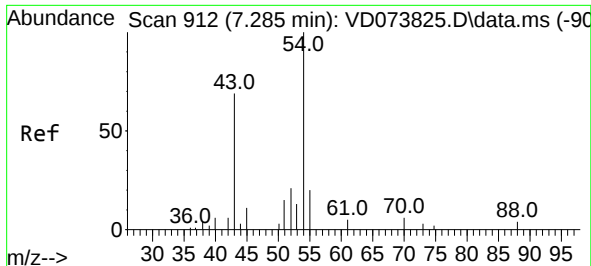
Delta R.T. -0.000 min

Lab File: VD073838.D

Acq: 12 Jul 2022 14:58

Tgt Ion:	75	Resp:	27840
Ion	Ratio	Lower	Upper
75	100		
110	33.0	16.0	47.9
77	32.4	25.3	37.9





#37

Ethyl Acetate

Concen: 18.056 ug/l

RT: 7.291 min Scan# 912

Delta R.T. 0.006 min

Lab File: VD073838.D

Acq: 12 Jul 2022 14:58

Instrument :

MSVOA_D

ClientSampleId :

VD0712SBS01

Tgt Ion: 43 Resp: 13790

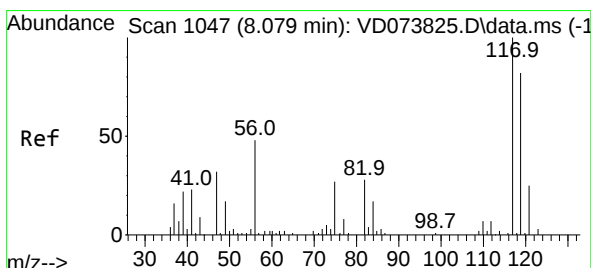
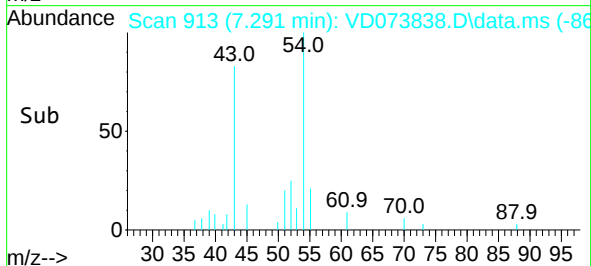
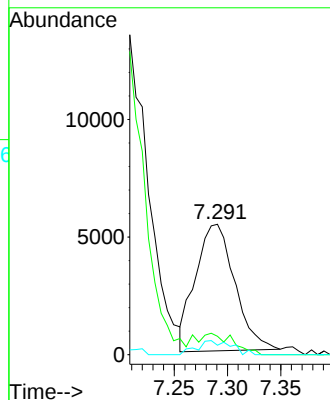
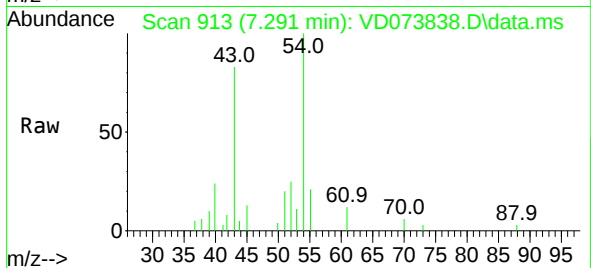
Ion	Ratio	Lower	Upper
43	100		
61	16.2	10.8	16.2
70	9.7	7.5	11.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/13/2022

Supervised By :Mahesh Dadoda 07/13/2022



#38

Carbon Tetrachloride

Concen: 22.783 ug/l

RT: 8.085 min Scan# 1048

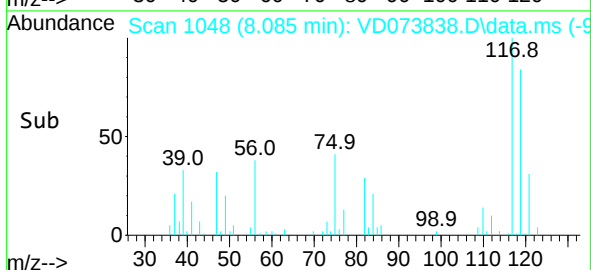
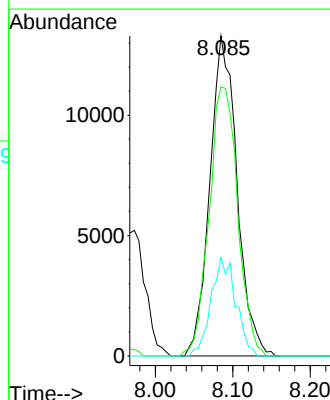
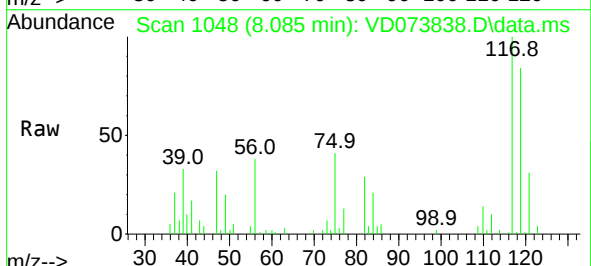
Delta R.T. 0.006 min

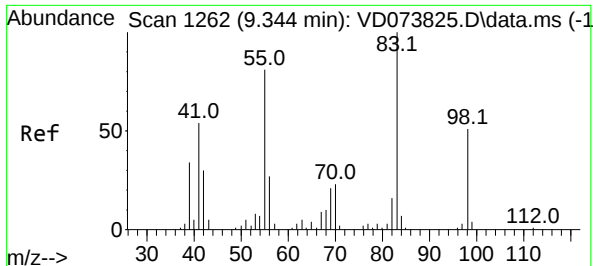
Lab File: VD073838.D

Acq: 12 Jul 2022 14:58

Tgt Ion:117 Resp: 32481

Ion	Ratio	Lower	Upper
117	100		
119	84.1	65.6	98.4
121	30.7	20.1	30.1





#39

Methylcyclohexane

Concen: 21.732 ug/l

RT: 9.349 min Scan# 11

Delta R.T. 0.005 min

Lab File: VD073838.D

Acq: 12 Jul 2022 14:58

Instrument :

MSVOA_D

ClientSampleId :

VD0712SBS01

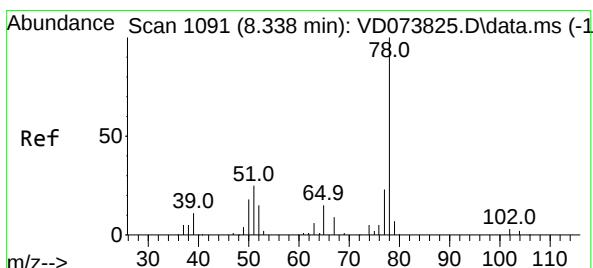
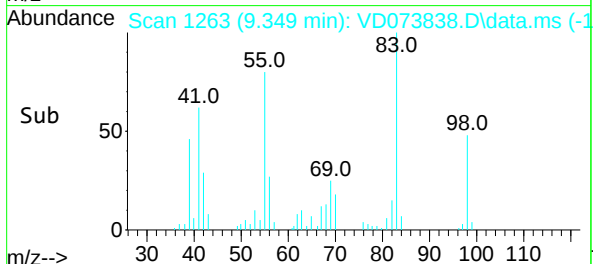
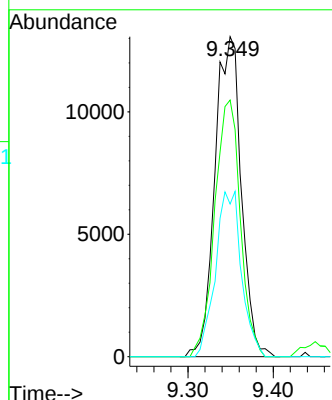
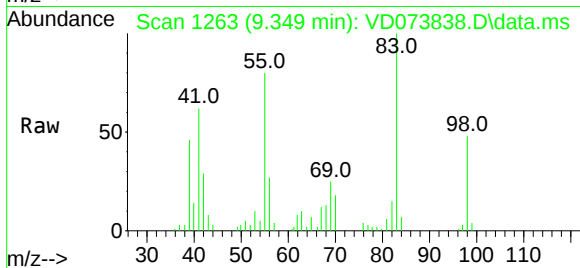
Tgt Ion: 83	Resp: 28080
Ion Ratio	Lower Upper
83	100
55	80.2 64.8 97.2
98	47.7 41.0 61.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/13/2022

Supervised By :Mahesh Dadoda 07/13/2022



#40

Benzene

Concen: 22.120 ug/l

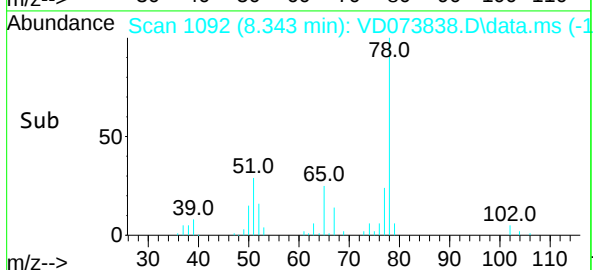
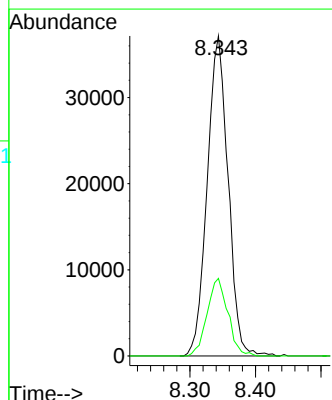
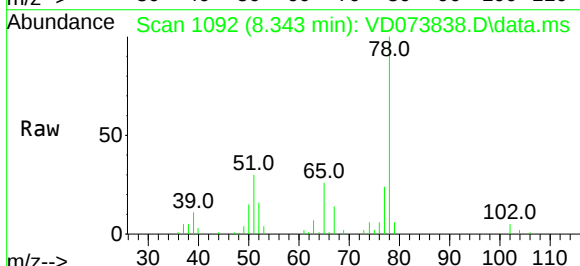
RT: 8.343 min Scan# 1092

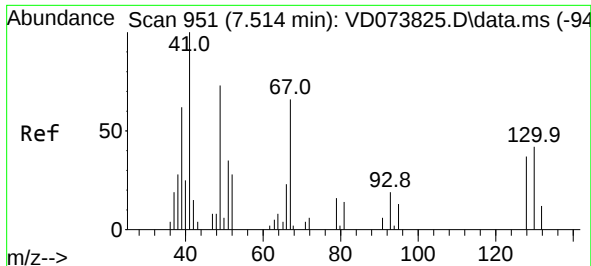
Delta R.T. 0.006 min

Lab File: VD073838.D

Acq: 12 Jul 2022 14:58

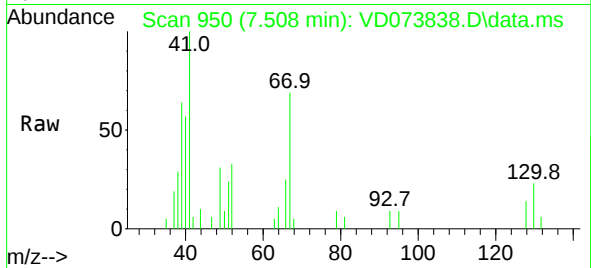
Tgt Ion: 78	Resp: 82208
Ion Ratio	Lower Upper
78	100
77	24.3 18.8 28.2





#41
Methacrylonitrile
Concen: 16.607 ug/l
RT: 7.508 min Scan# 911
Delta R.T. -0.006 min
Lab File: VD073838.D
Acq: 12 Jul 2022 14:58

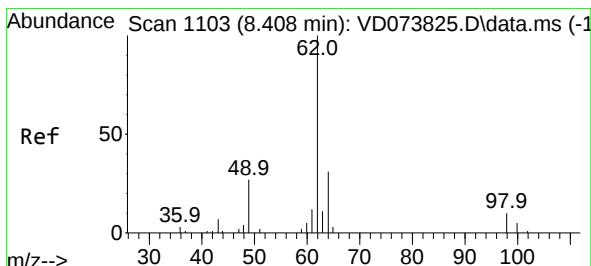
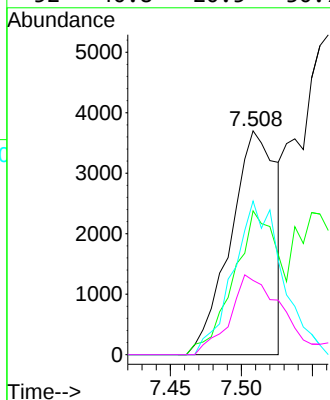
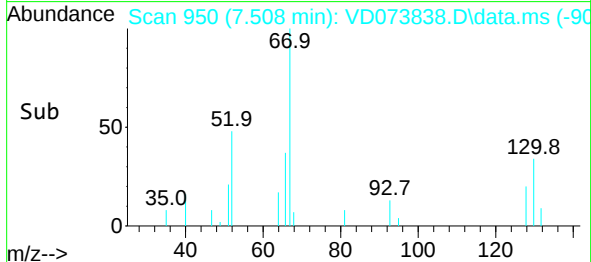
Instrument :
MSVOA_D
ClientSampleId :
VD0712SBS01



Tgt Ion: 41 Resp: 831
Ion Ratio Lower Upper
41 100
39 63.9 35.6 53.4
67 73.2 45.0 67.6
52 40.8 20.5 30.7

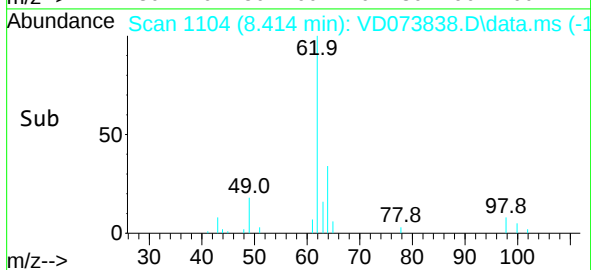
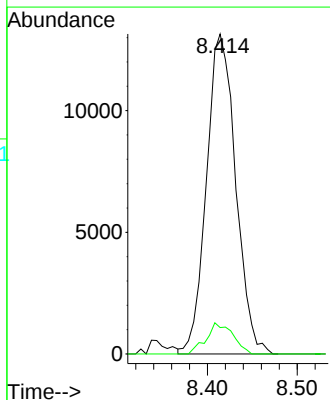
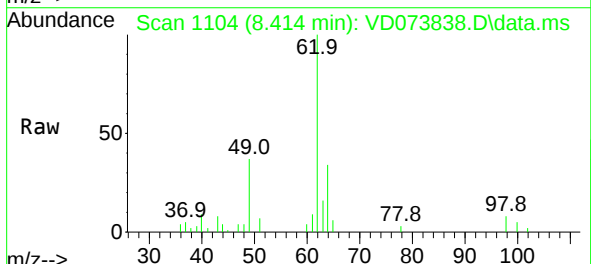
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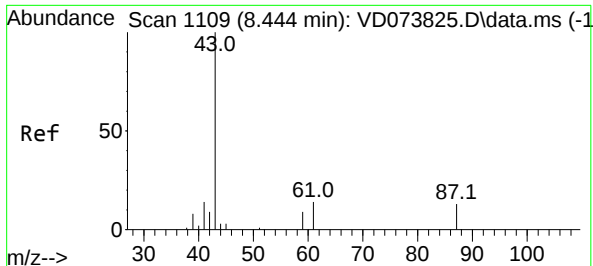
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#42
1,2-Dichloroethane
Concen: 22.457 ug/l
RT: 8.414 min Scan# 1104
Delta R.T. 0.006 min
Lab File: VD073838.D
Acq: 12 Jul 2022 14:58

Tgt Ion: 62 Resp: 29724
Ion Ratio Lower Upper
62 100
98 8.8 0.0 16.2





#43

Isopropyl Acetate

Concen: 20.909 ug/l

RT: 8.449 min Scan# 1109

Delta R.T. 0.006 min

Lab File: VD073838.D

Acq: 12 Jul 2022 14:58

Instrument :

MSVOA_D

ClientSampleId :

VD0712SBS01

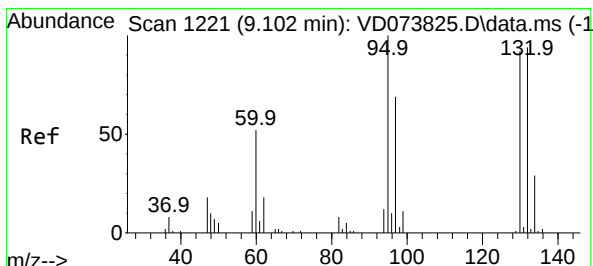
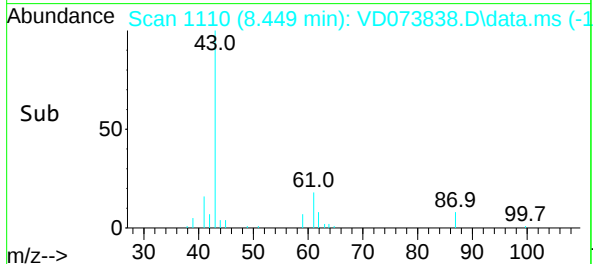
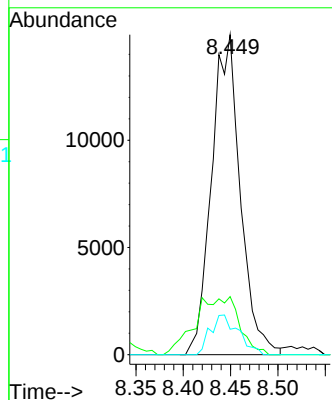
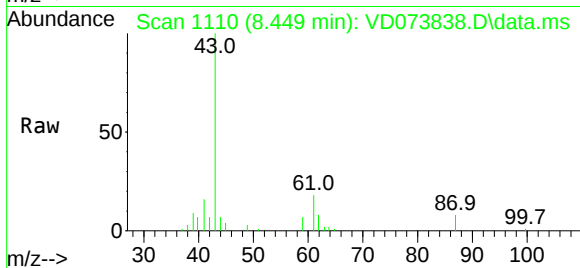
Tgt Ion: 43	Resp: 31424
Ion Ratio	Lower Upper
43 100	
61 0.0	22.2 33.2
87 12.1	9.7 14.5

Manual Integrations

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Reviewed By :John Carlone 07/13/2022

Supervised By :Mahesh Dadoda 07/13/2022



#44

Trichloroethene

Concen: 22.037 ug/l

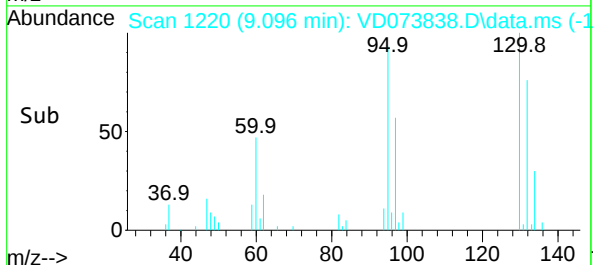
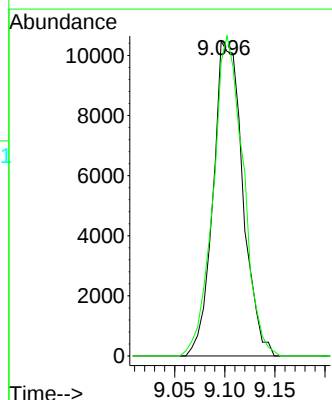
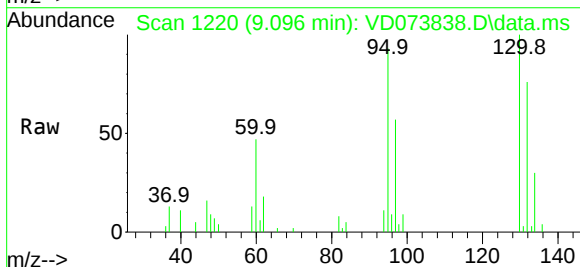
RT: 9.096 min Scan# 1220

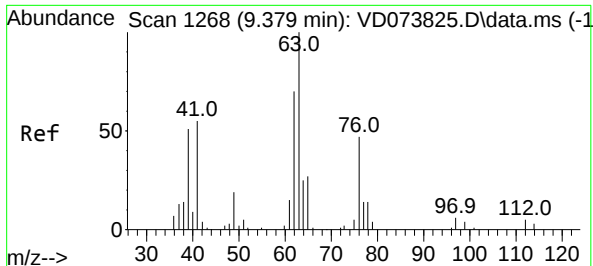
Delta R.T. -0.006 min

Lab File: VD073838.D

Acq: 12 Jul 2022 14:58

Tgt Ion:130	Resp: 21370
Ion Ratio	Lower Upper
130 100	
95 93.4	0.0 217.0





#45

1,2-Dichloropropane

Concen: 21.965 ug/l

RT: 9.379 min Scan# 1268

Delta R.T. -0.000 min

Lab File: VD073838.D

Acq: 12 Jul 2022 14:58

Instrument :

MSVOA_D

ClientSampleId :

VD0712SBS01

Tgt Ion: 63 Resp: 2415

Ion Ratio Lower Upper

63 100

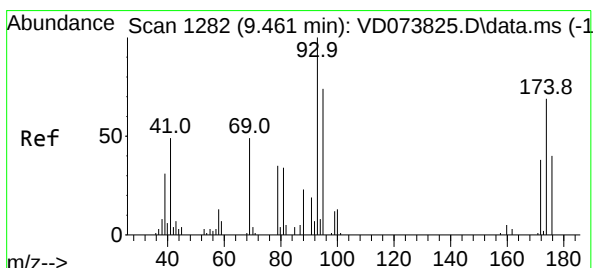
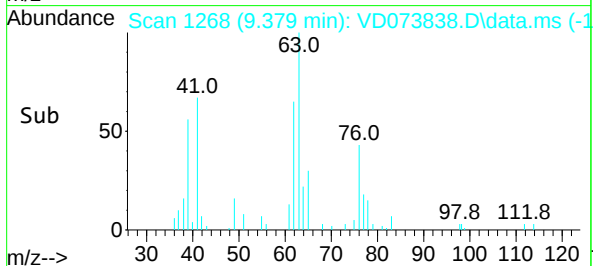
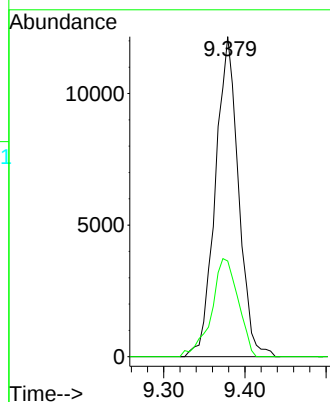
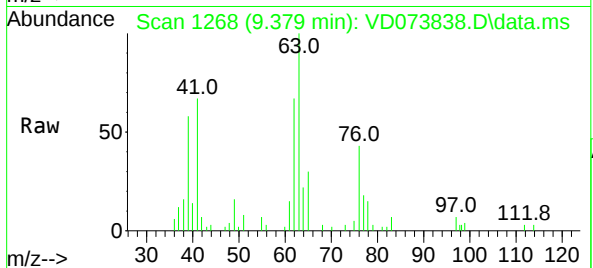
65 29.9 21.7 32.5

Manual Integrations

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Reviewed By :John Carlone 07/13/2022

Supervised By :Mahesh Dadoda 07/13/2022



#46

Dibromomethane

Concen: 21.730 ug/l

RT: 9.473 min Scan# 1284

Delta R.T. 0.012 min

Lab File: VD073838.D

Acq: 12 Jul 2022 14:58

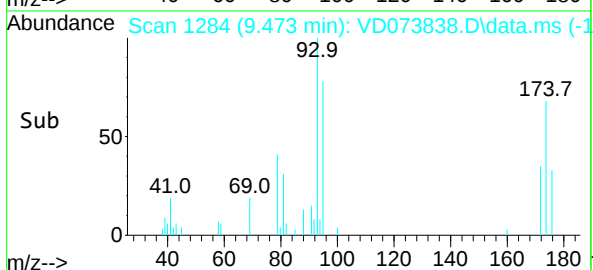
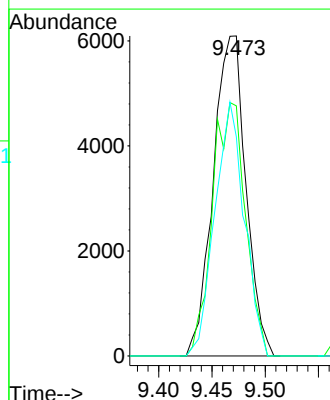
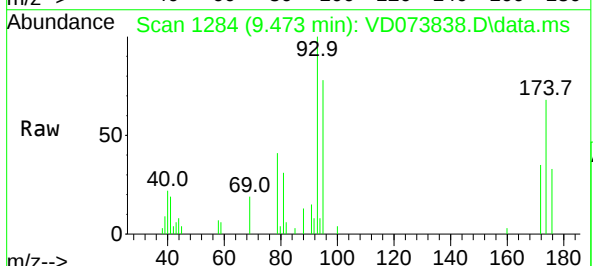
Tgt Ion: 93 Resp: 13004

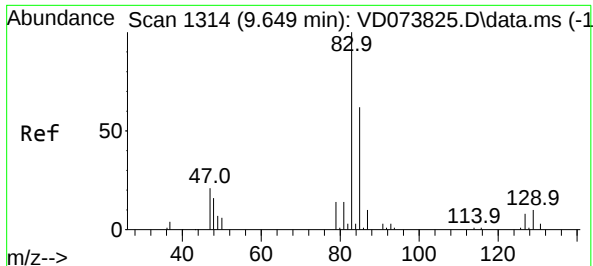
Ion Ratio Lower Upper

93 100

95 80.2 61.8 92.6

174 71.7 58.7 88.1





#47

Bromodichloromethane

Concen: 21.684 ug/l

RT: 9.655 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD073838.D

Acq: 12 Jul 2022 14:58

Instrument :

MSVOA_D

ClientSampleId :

VD0712SBS01

Tgt Ion: 83 Resp: 3670

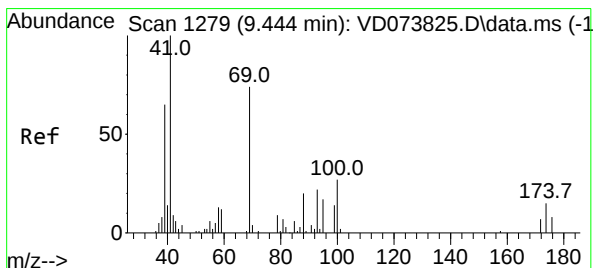
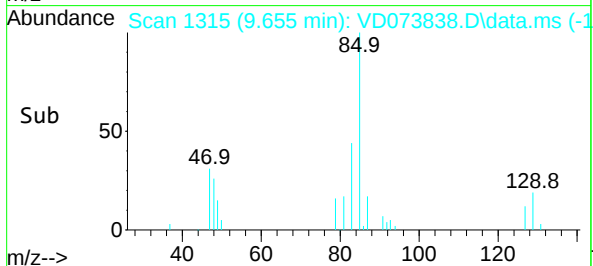
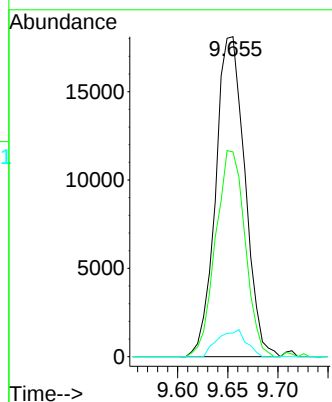
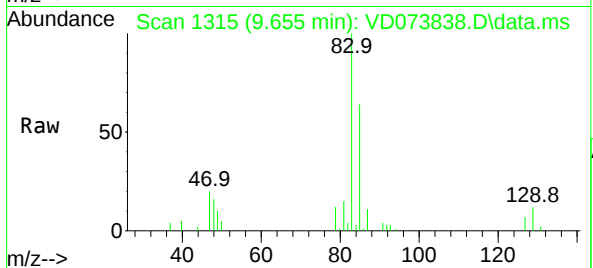
Ion	Ratio	Lower	Upper
83	100		
85	64.0	50.0	75.0
127	7.4	6.2	9.2

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Reviewed By :John Carlone 07/13/2022

Supervised By :Mahesh Dadoda 07/13/2022



#48

Methyl methacrylate

Concen: 19.155 ug/l

RT: 9.449 min Scan# 1280

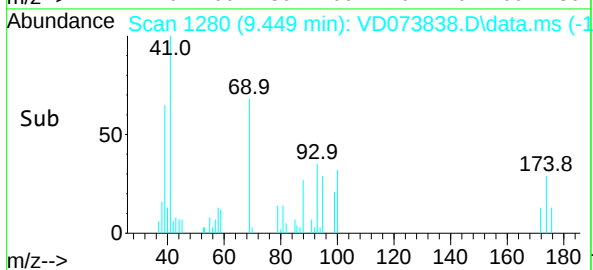
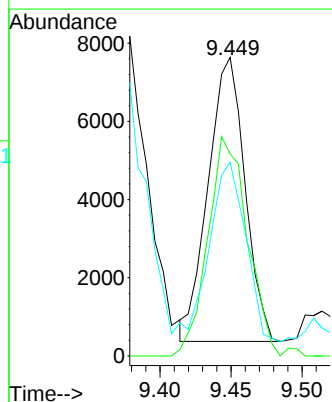
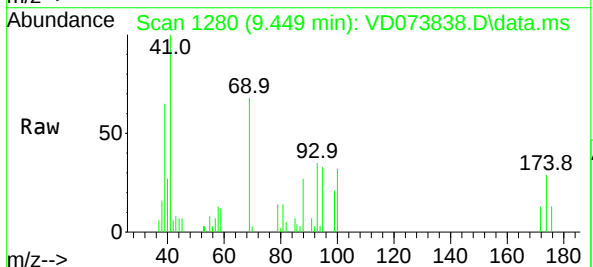
Delta R.T. 0.006 min

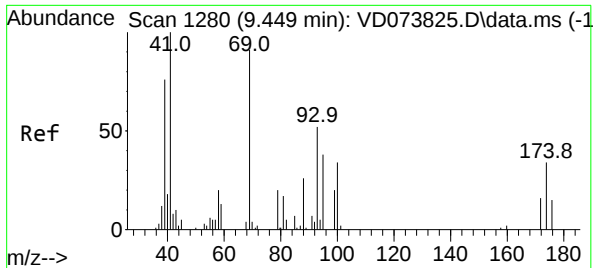
Lab File: VD073838.D

Acq: 12 Jul 2022 14:58

Tgt Ion: 41 Resp: 13076

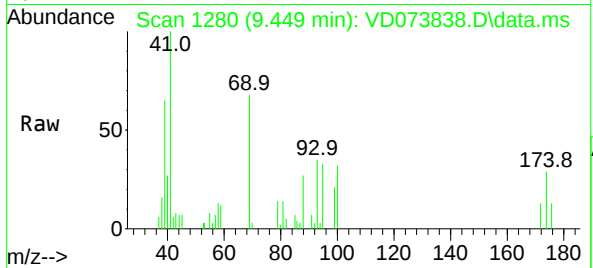
Ion	Ratio	Lower	Upper
41	100		
69	83.0	63.4	95.2
39	61.5	55.6	83.4





#49
1,4-Dioxane
Concen: 452.560 ug/l
RT: 9.449 min Scan# 1280
Delta R.T. 0.000 min
Lab File: VD073838.D
Acq: 12 Jul 2022 14:58

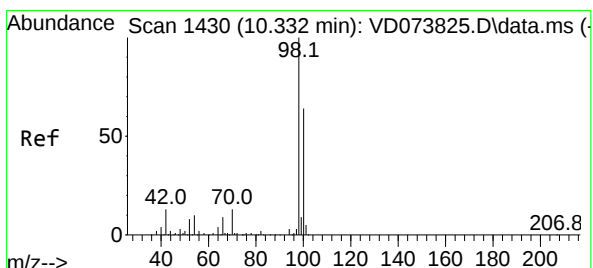
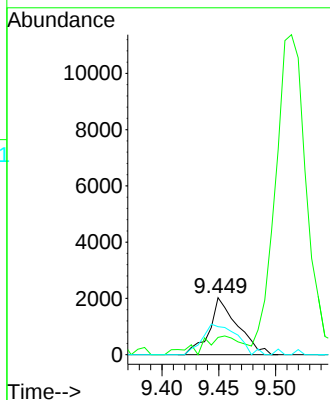
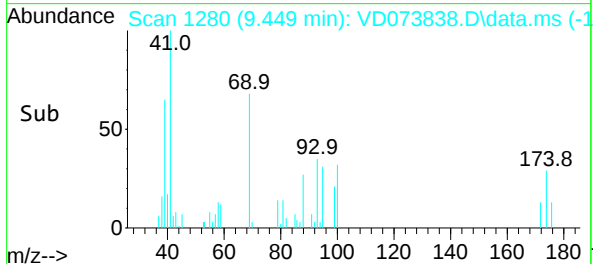
Instrument :
MSVOA_D
ClientSampleId :
VD0712SBS01



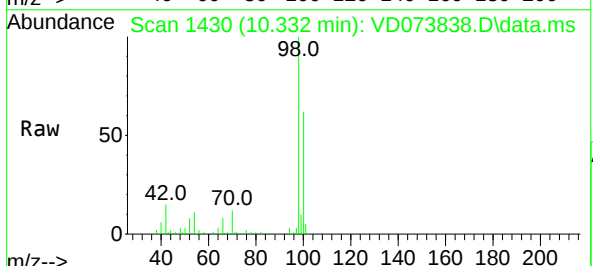
Tgt Ion: 88 Resp: 3462
Ion Ratio Lower Upper
88 100
43 49.2 34.2 51.4
58 65.6 54.8 82.2

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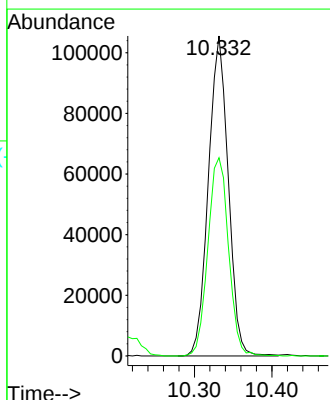
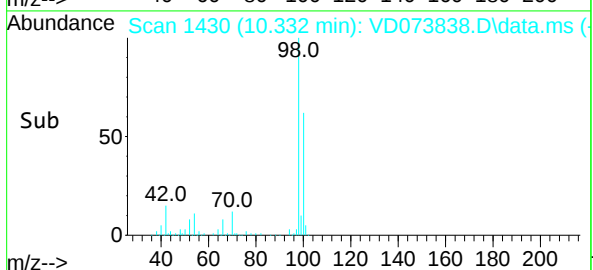
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022

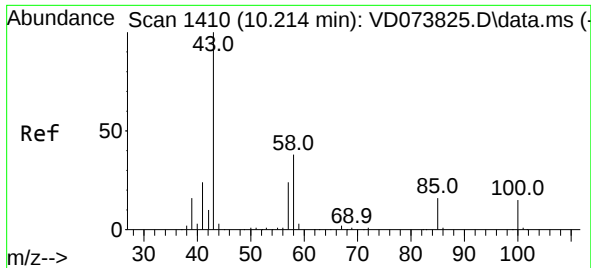


#50
Toluene-d8
Concen: 43.640 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073838.D
Acq: 12 Jul 2022 14:58



Tgt Ion: 98 Resp: 187742
Ion Ratio Lower Upper
98 100
100 64.4 52.9 79.3





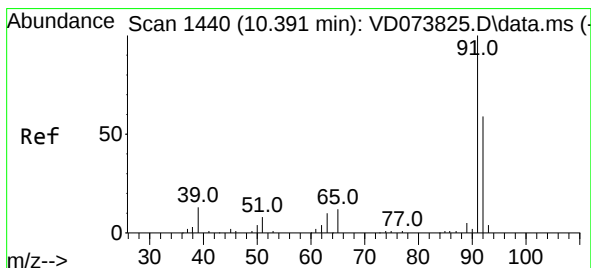
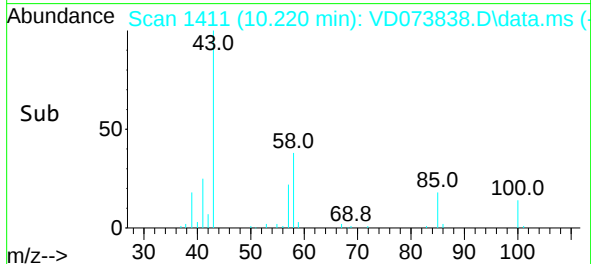
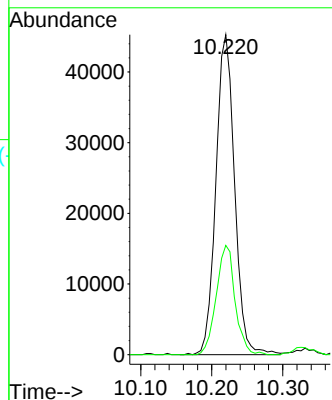
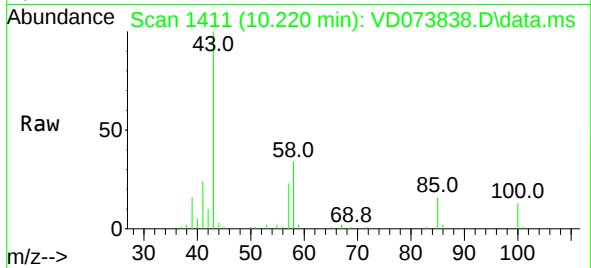
#51
4-Methyl-2-Pentanone
Concen: 103.257 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. 0.006 min
Lab File: VD073838.D
Acq: 12 Jul 2022 14:58

Instrument :
MSVOA_D
ClientSampleId :
VD0712SBS01

Tgt Ion: 43 Resp: 8269
Ion Ratio Lower Upper
43 100
58 34.4 29.3 43.9

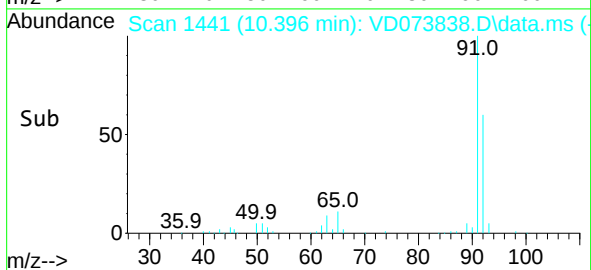
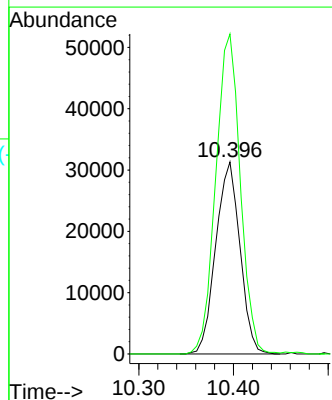
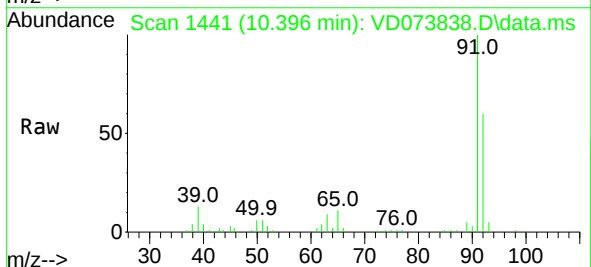
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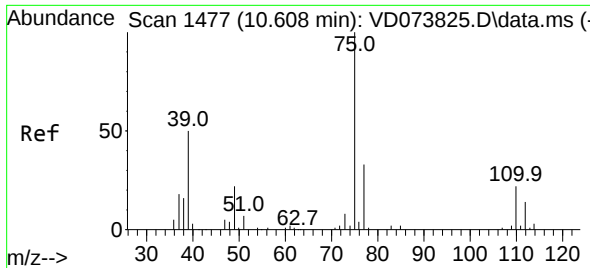
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#52
Toluene
Concen: 22.263 ug/l
RT: 10.396 min Scan# 1441
Delta R.T. 0.006 min
Lab File: VD073838.D
Acq: 12 Jul 2022 14:58

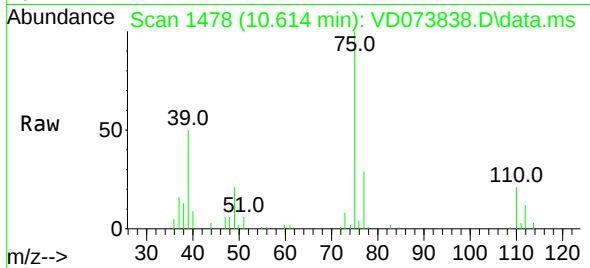
Tgt Ion: 92 Resp: 55559
Ion Ratio Lower Upper
92 100
91 169.2 138.4 207.6





#53
t-1,3-Dichloropropene
Concen: 20.928 ug/l
RT: 10.614 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VD073838.D
Acq: 12 Jul 2022 14:58

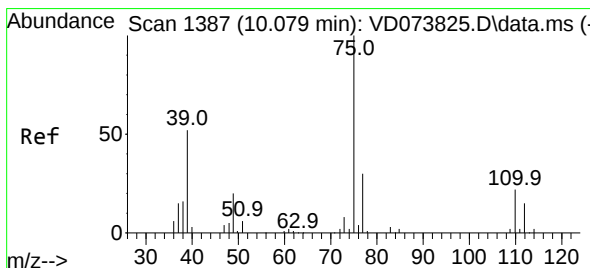
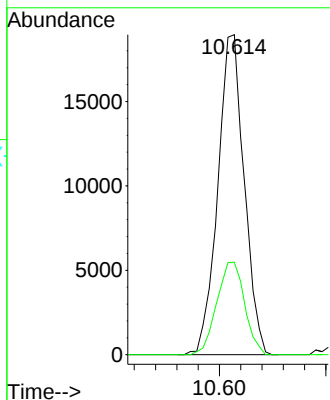
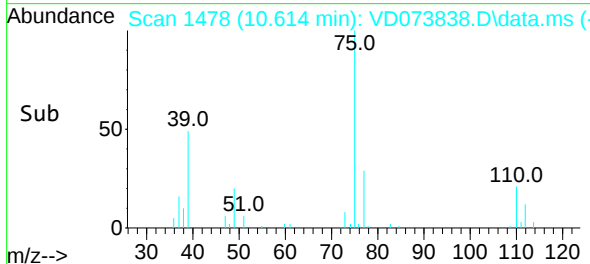
Instrument :
MSVOA_D
ClientSampleId :
VD0712SBS01



Tgt Ion: 75 Resp: 3255
Ion Ratio Lower Upper
75 100
77 28.9 26.4 39.6

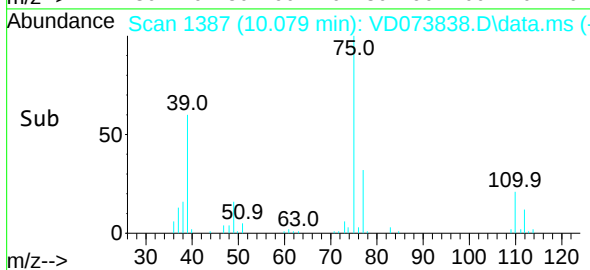
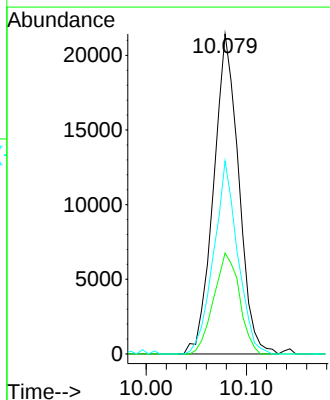
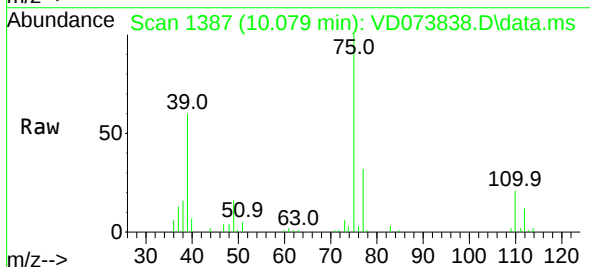
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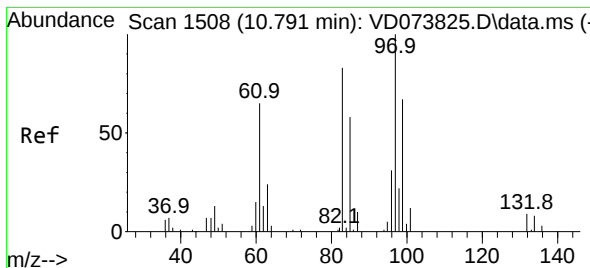
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#54
cis-1,3-Dichloropropene
Concen: 21.701 ug/l
RT: 10.079 min Scan# 1387
Delta R.T. -0.000 min
Lab File: VD073838.D
Acq: 12 Jul 2022 14:58

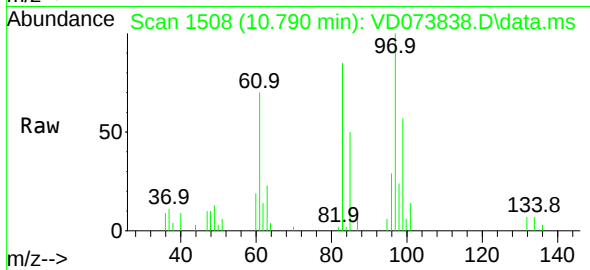
Tgt Ion: 75 Resp: 37316
Ion Ratio Lower Upper
75 100
77 31.5 24.2 36.4
39 60.4 41.4 62.2





#55
1,1,2-Trichloroethane
Concen: 20.974 ug/l
RT: 10.790 min Scan# 1508
Delta R.T. -0.000 min
Lab File: VD073838.D
Acq: 12 Jul 2022 14:58

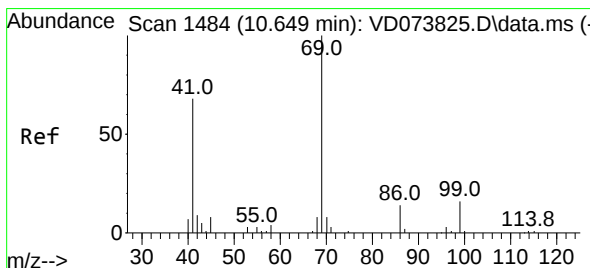
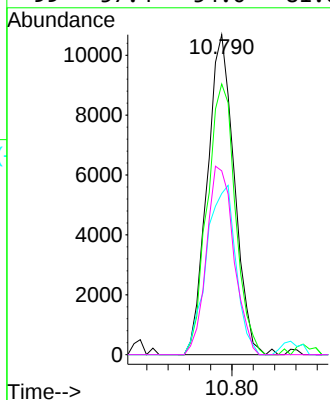
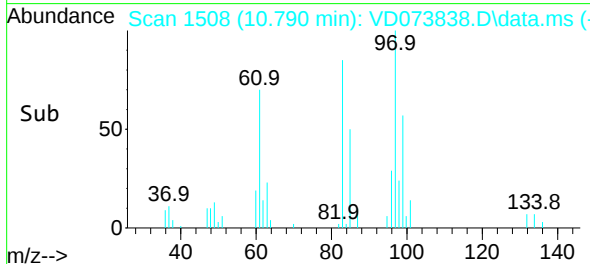
Instrument : MSVOA_D
ClientSampleId : VD0712SBS01



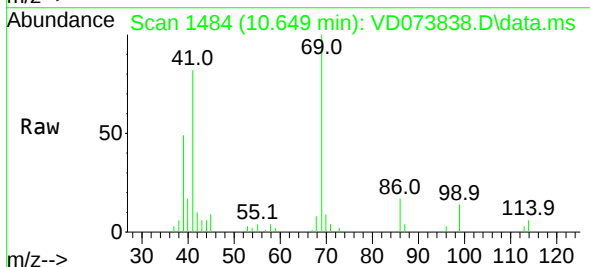
Tgt Ion: 97 Resp: 1888
Ion Ratio Lower Upper
97 100
83 84.6 66.8 100.2
85 50.4 46.6 69.8
99 57.4 54.0 81.0

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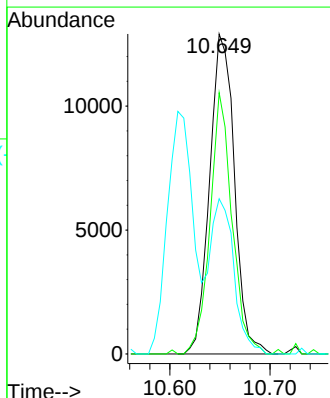
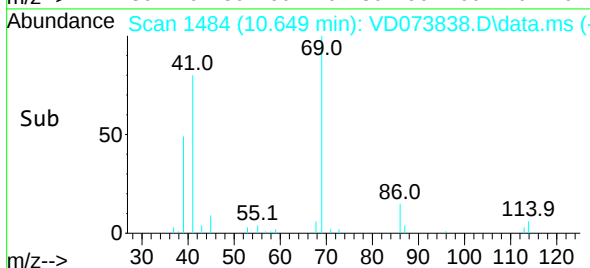
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022

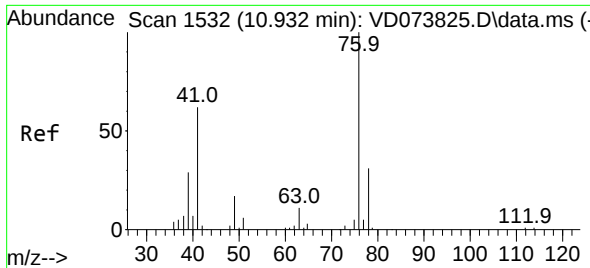


#56
Ethyl methacrylate
Concen: 20.348 ug/l
RT: 10.649 min Scan# 1484
Delta R.T. -0.000 min
Lab File: VD073838.D
Acq: 12 Jul 2022 14:58



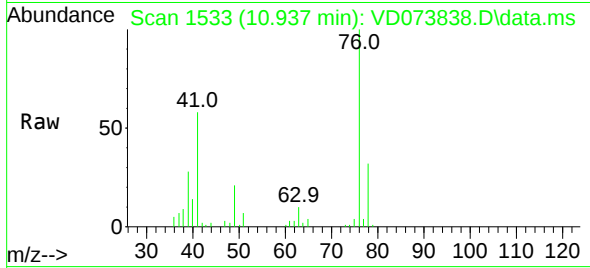
Tgt Ion: 69 Resp: 22169
Ion Ratio Lower Upper
69 100
41 72.6 55.3 82.9
39 47.3 35.9 53.9





#57
1,3-Dichloropropane
Concen: 21.297 ug/l
RT: 10.937 min Scan# 1533
Delta R.T. 0.006 min
Lab File: VD073838.D
Acq: 12 Jul 2022 14:58

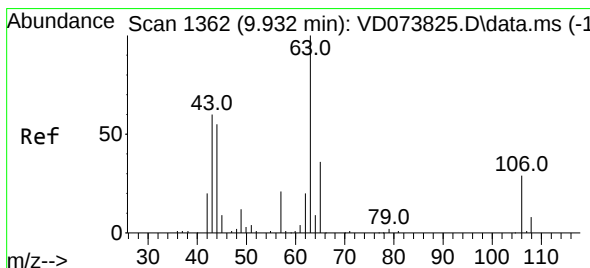
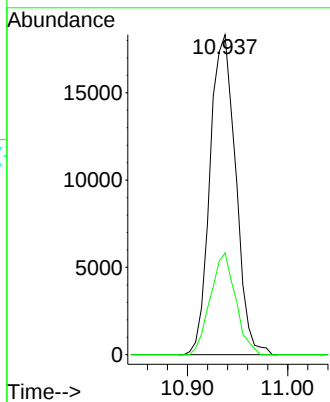
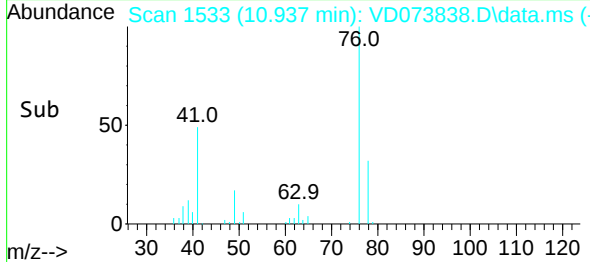
Instrument :
MSVOA_D
ClientSampleId :
VD0712SBS01



Tgt Ion: 76 Resp: 32580
Ion Ratio Lower Upper
76 100
78 31.2 26.0 39.0

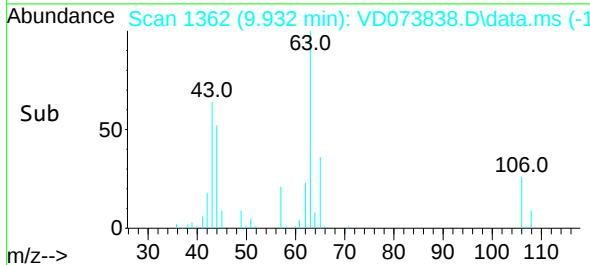
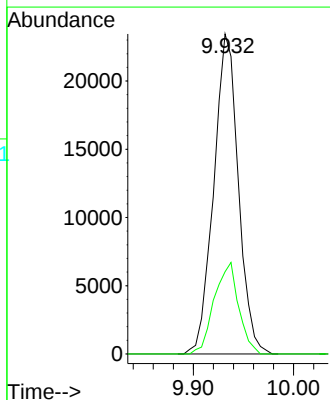
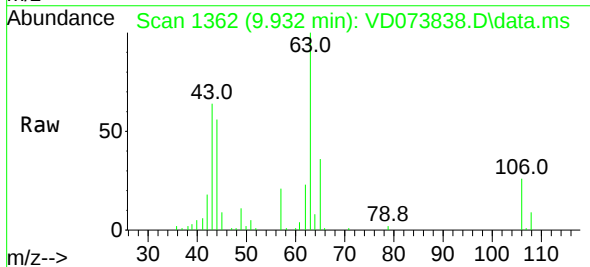
Manual Integrations
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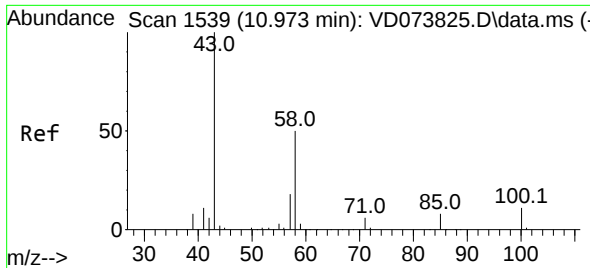
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#58
2-Chloroethyl Vinyl ether
Concen: 92.035 ug/l
RT: 9.932 min Scan# 1362
Delta R.T. -0.000 min
Lab File: VD073838.D
Acq: 12 Jul 2022 14:58

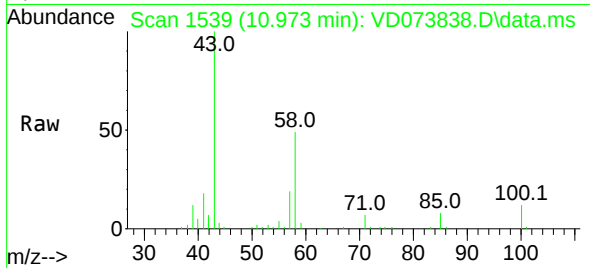
Tgt Ion: 63 Resp: 39942
Ion Ratio Lower Upper
63 100
106 28.3 21.3 31.9





#59
2-Hexanone
Concen: 98.885 ug/l
RT: 10.973 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VD073838.D
Acq: 12 Jul 2022 14:58

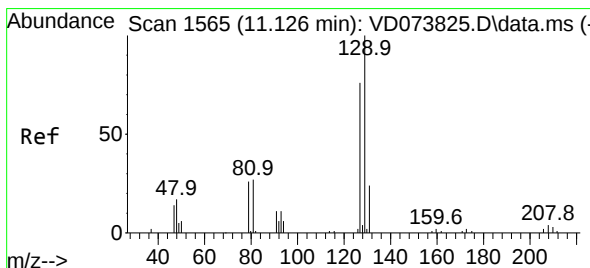
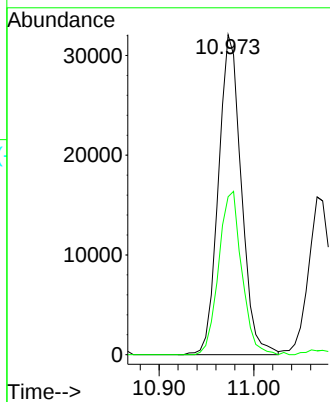
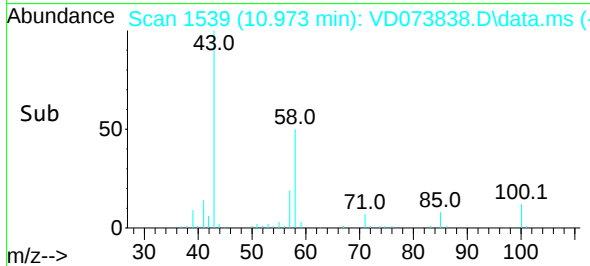
Instrument :
MSVOA_D
ClientSampleId :
VD0712SBS01



Tgt Ion: 43 Resp: 53915
Ion Ratio Lower Upper
43 100
58 51.5 25.3 75.9

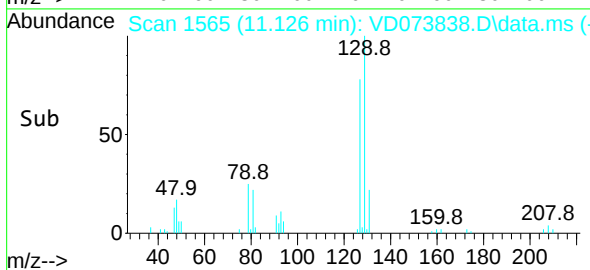
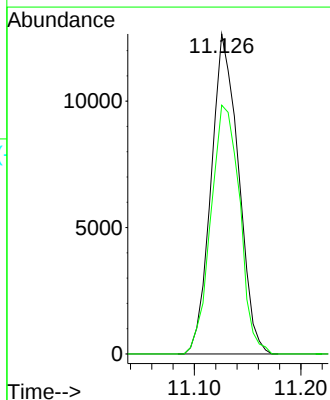
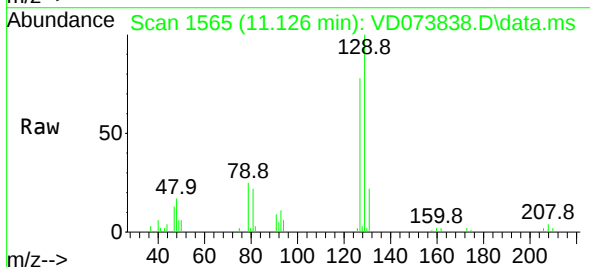
Manual Integrations
APPROVED

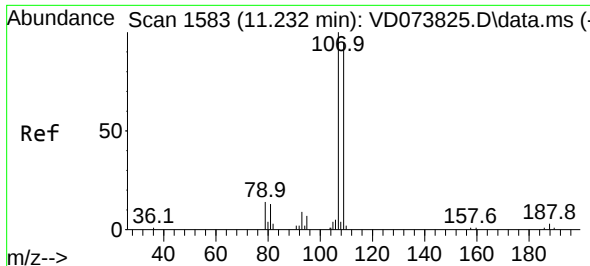
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#60
Dibromochloromethane
Concen: 20.253 ug/l
RT: 11.126 min Scan# 1565
Delta R.T. -0.000 min
Lab File: VD073838.D
Acq: 12 Jul 2022 14:58

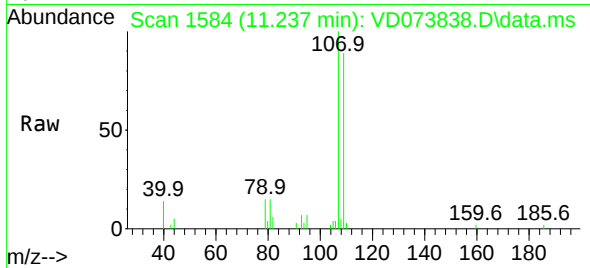
Tgt Ion:129 Resp: 22622
Ion Ratio Lower Upper
129 100
127 81.9 38.7 116.1





#61
1,2-Dibromoethane
Concen: 21.215 ug/l
RT: 11.237 min Scan# 11
Delta R.T. 0.005 min
Lab File: VD073838.D
Acq: 12 Jul 2022 14:58

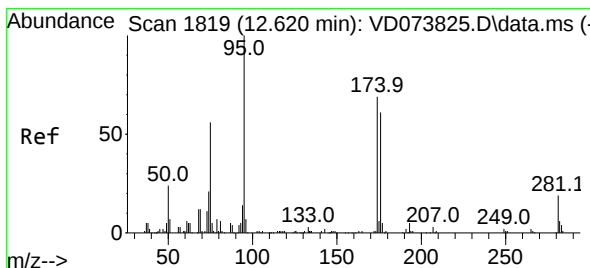
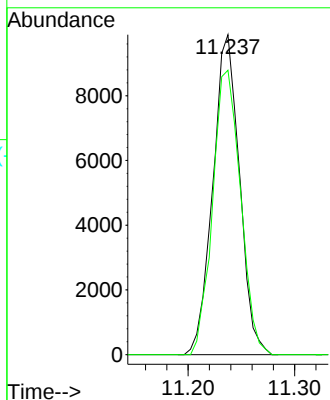
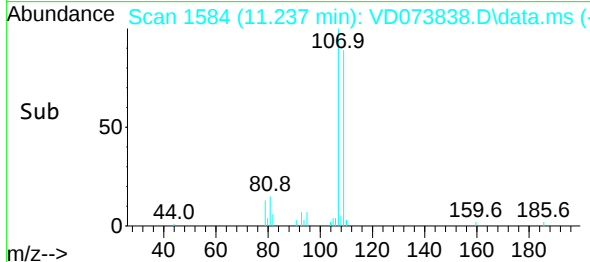
Instrument :
MSVOA_D
ClientSampleId :
VD0712SBS01



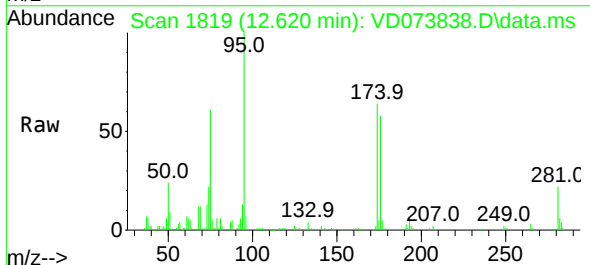
Tgt Ion:107 Resp: 1716
Ion Ratio Lower Upper
107 100
109 93.0 73.2 109.8

Manual Integrations
APPROVED

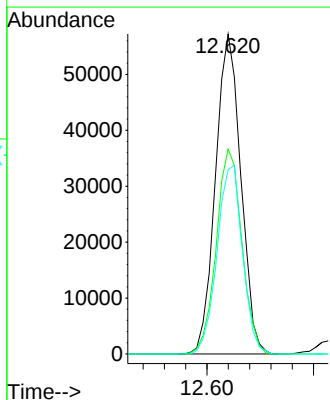
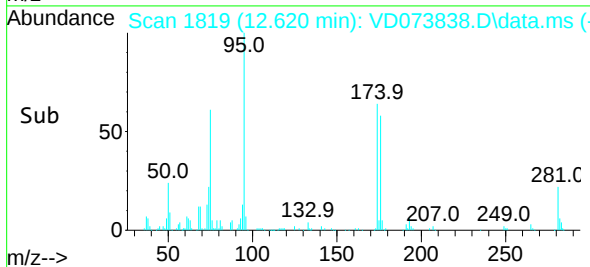
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022

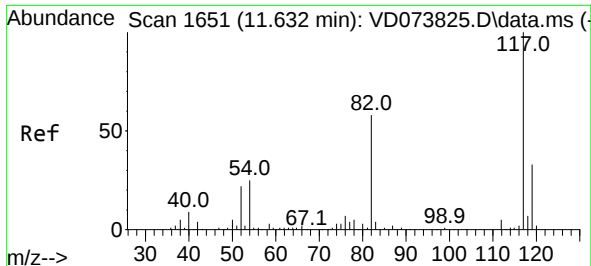


#62
4-Bromofluorobenzene
Concen: 51.801 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073838.D
Acq: 12 Jul 2022 14:58



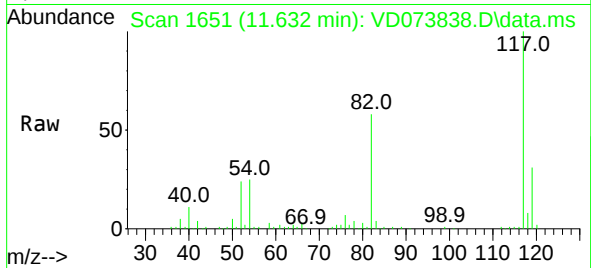
Tgt Ion: 95 Resp: 94425
Ion Ratio Lower Upper
95 100
174 64.6 0.0 131.8
176 59.1 0.0 124.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. -0.000 min
Lab File: VD073838.D
Acq: 12 Jul 2022 14:58

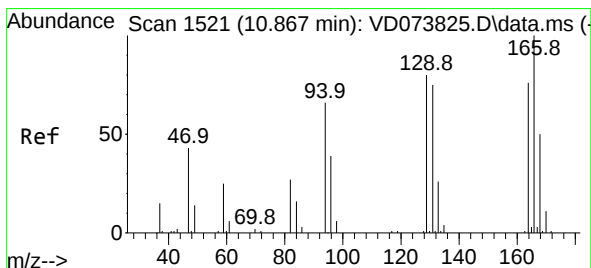
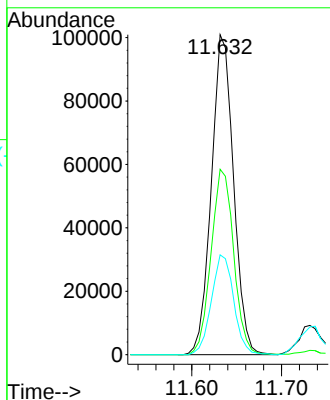
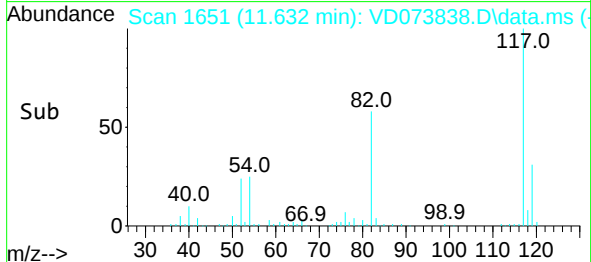
Instrument :
MSVOA_D
ClientSampleId :
VD0712SBS01



Tgt Ion:117 Resp: 173429
Ion Ratio Lower Upper
117 100
82 58.0 46.6 69.8
119 31.2 26.1 39.1

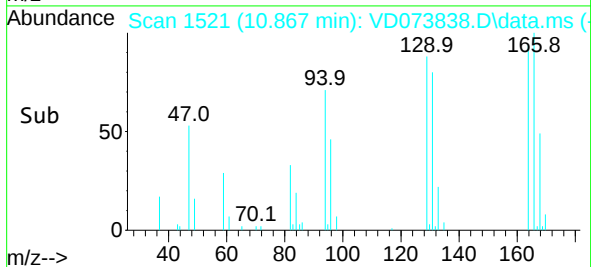
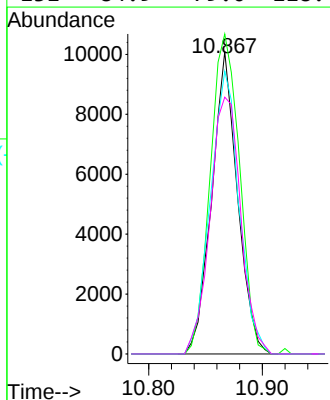
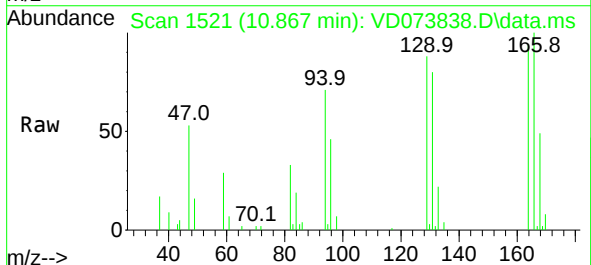
Manual Integrations
APPROVED

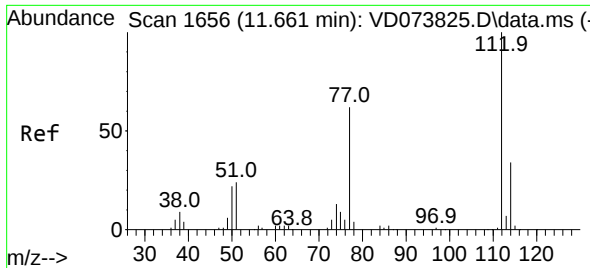
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#64
Tetrachloroethene
Concen: 21.260 ug/l
RT: 10.867 min Scan# 1521
Delta R.T. -0.000 min
Lab File: VD073838.D
Acq: 12 Jul 2022 14:58

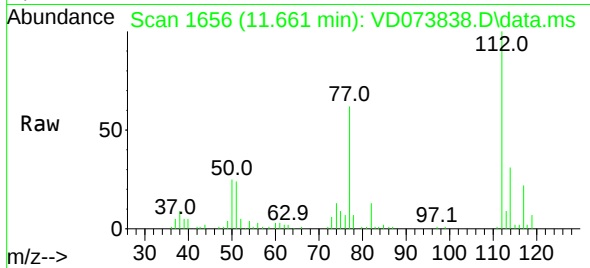
Tgt Ion:164 Resp: 15877
Ion Ratio Lower Upper
164 100
166 105.8 105.0 157.6
129 93.5 83.8 125.8
131 84.9 79.0 118.4





#65
Chlorobenzene
Concen: 20.729 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. -0.000 min
Lab File: VD073838.D
Acq: 12 Jul 2022 14:58

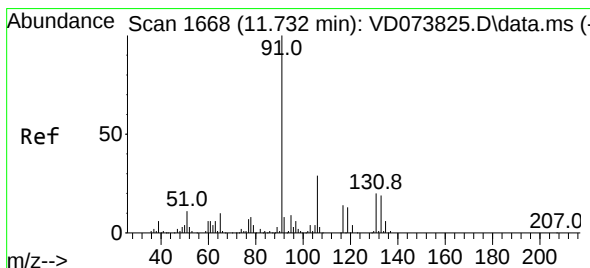
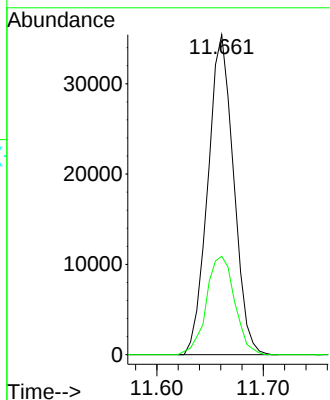
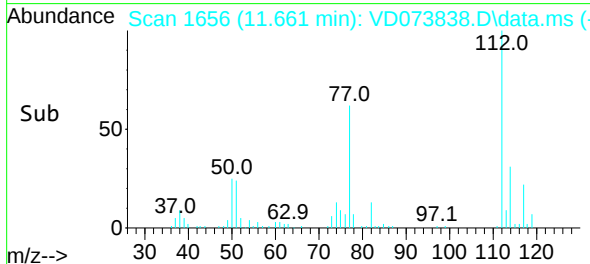
Instrument :
MSVOA_D
ClientSampleId :
VD0712SBS01



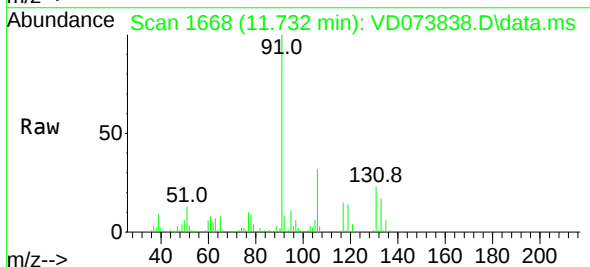
Tgt Ion:112 Resp: 5943
Ion Ratio Lower Upper
112 100
114 30.8 27.1 40.7

Manual Integrations
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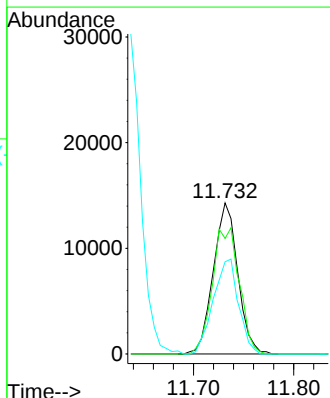
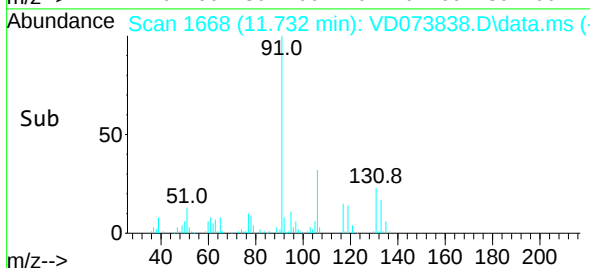
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022

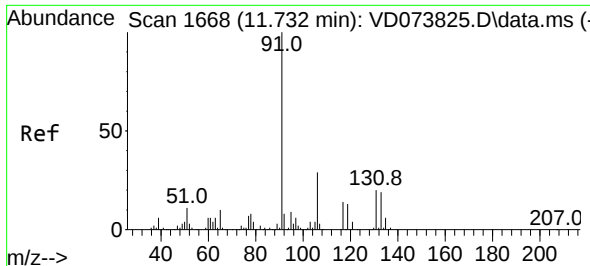


#66
1,1,1,2-Tetrachloroethane
Concen: 21.253 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. -0.000 min
Lab File: VD073838.D
Acq: 12 Jul 2022 14:58



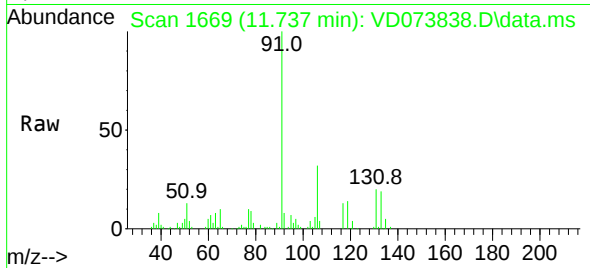
Tgt Ion:131 Resp: 24195
Ion Ratio Lower Upper
131 100
133 92.1 47.0 141.0
119 64.8 32.6 98.0





#67
Ethyl Benzene
Concen: 20.514 ug/l
RT: 11.737 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VD073838.D
Acq: 12 Jul 2022 14:58

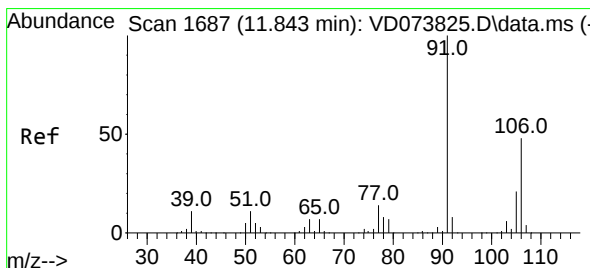
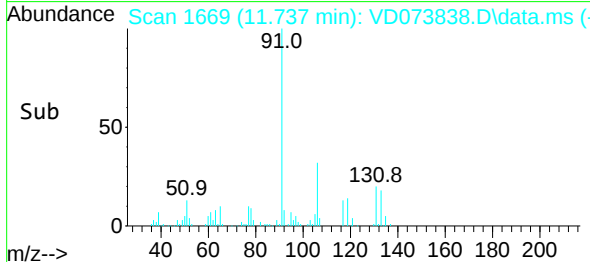
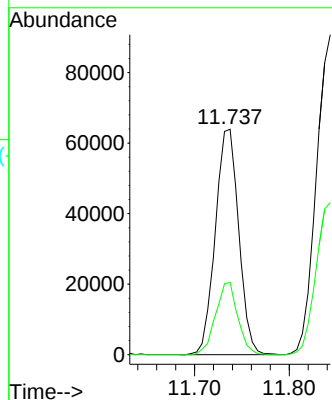
Instrument :
MSVOA_D
ClientSampleId :
VD0712SBS01



Tgt Ion: 91 Resp: 10973
Ion Ratio Lower Upper
91 100
106 32.1 23.2 34.8

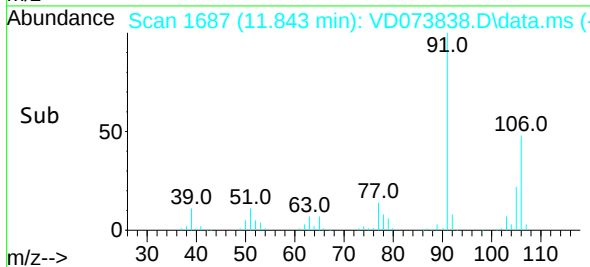
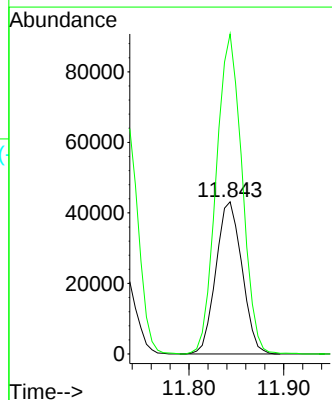
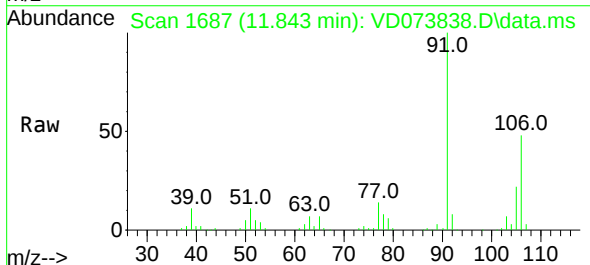
Manual Integrations
APPROVED

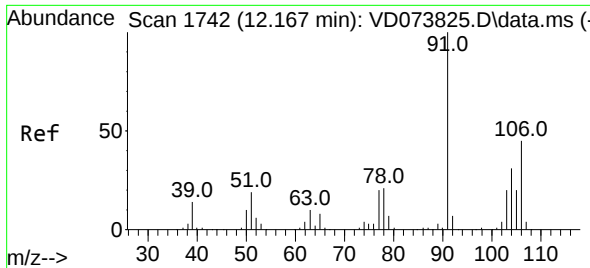
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#68
m/p-Xylenes
Concen: 42.104 ug/l
RT: 11.843 min Scan# 1687
Delta R.T. -0.000 min
Lab File: VD073838.D
Acq: 12 Jul 2022 14:58

Tgt Ion:106 Resp: 82601
Ion Ratio Lower Upper
106 100
91 208.0 167.0 250.4





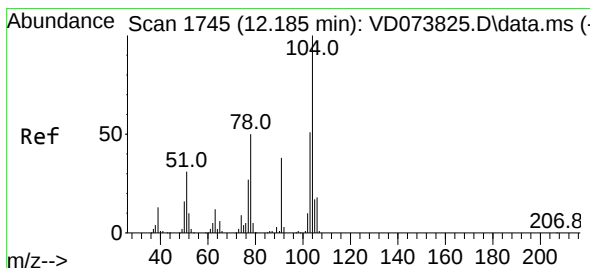
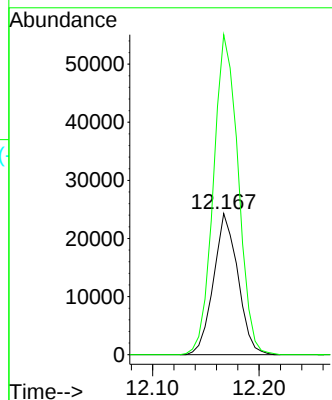
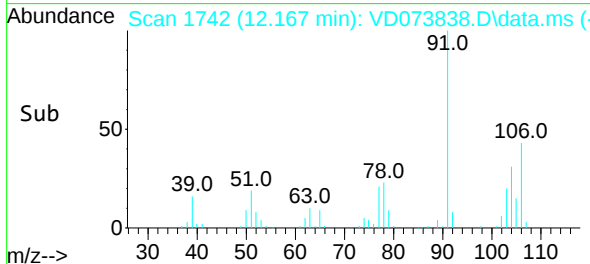
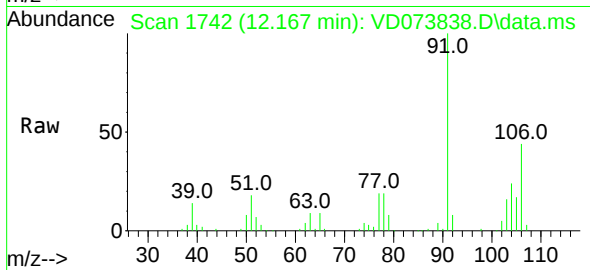
#69
o-Xylene
Concen: 19.801 ug/l
RT: 12.167 min Scan# 1742
Delta R.T. -0.000 min
Lab File: VD073838.D
Acq: 12 Jul 2022 14:58

Instrument :
MSVOA_D
ClientSampleId :
VD0712SBS01

Tgt Ion:106 Resp: 38514
Ion Ratio Lower Upper
106 100
91 230.9 110.4 331.2

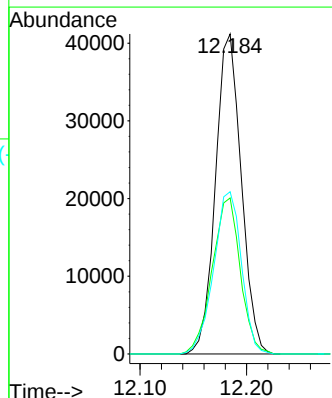
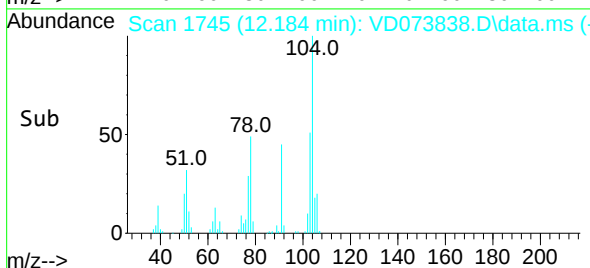
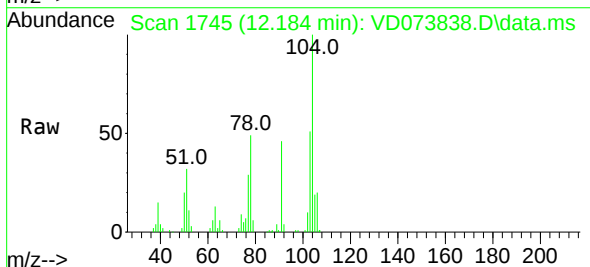
Manual Integrations
APPROVED

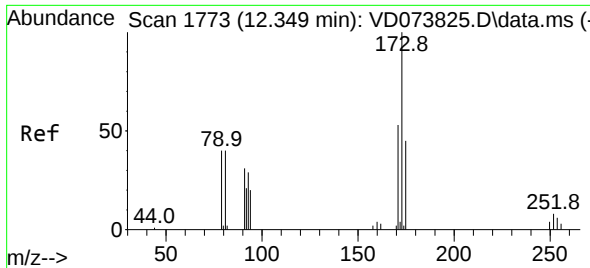
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#70
Styrene
Concen: 20.522 ug/l
RT: 12.184 min Scan# 1745
Delta R.T. -0.000 min
Lab File: VD073838.D
Acq: 12 Jul 2022 14:58

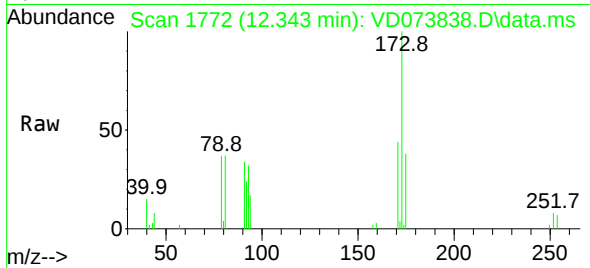
Tgt Ion:104 Resp: 69114
Ion Ratio Lower Upper
104 100
78 53.1 42.8 64.2
103 54.6 44.5 66.7





#71
Bromoform
Concen: 19.873 ug/l
RT: 12.343 min Scan# 1173
Delta R.T. -0.006 min
Lab File: VD073838.D
Acq: 12 Jul 2022 14:58

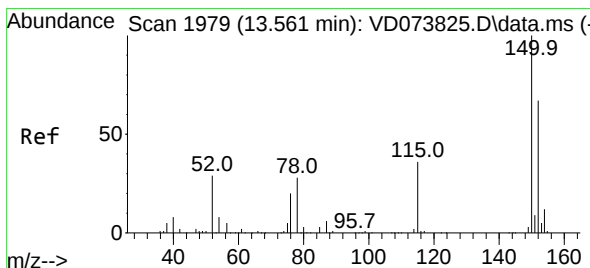
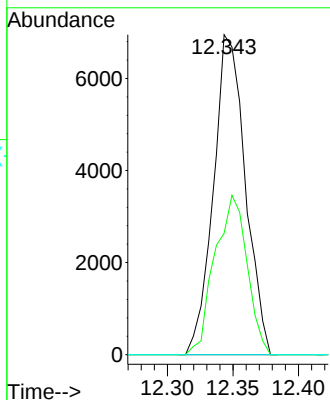
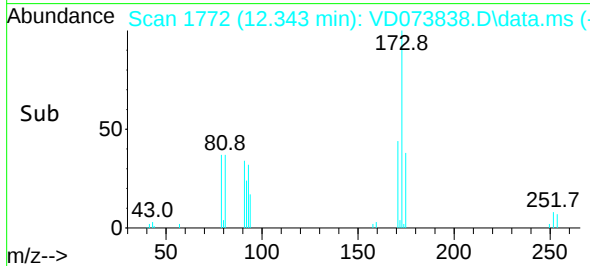
Instrument :
MSVOA_D
ClientSampleId :
VD0712SBS01



Tgt Ion:173 Resp: 1173
Ion Ratio Lower Upper
173 100
175 50.5 23.4 70.0
254 0.0 0.0 0.0

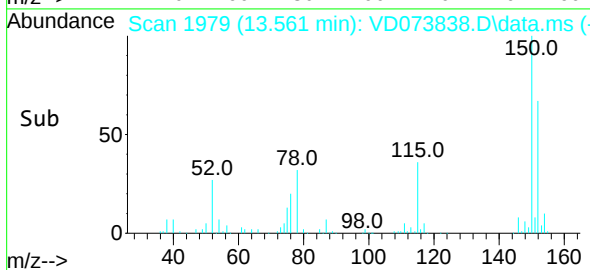
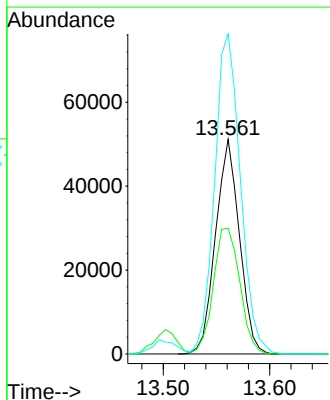
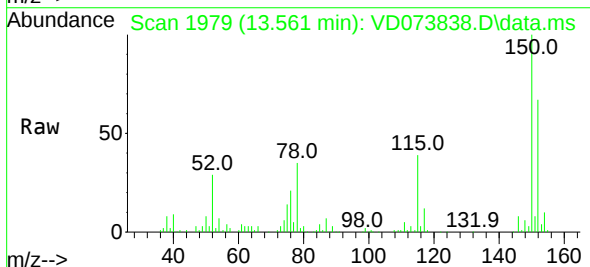
Manual Integrations
APPROVED

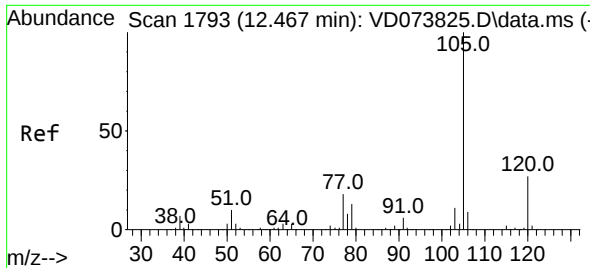
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.000 min
Lab File: VD073838.D
Acq: 12 Jul 2022 14:58

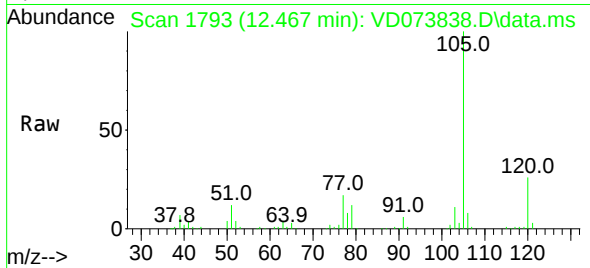
Tgt Ion:152 Resp: 79580
Ion Ratio Lower Upper
152 100
115 64.9 33.5 100.5
150 161.1 0.0 343.2





#73
Isopropylbenzene
Concen: 20.712 ug/l
RT: 12.467 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD073838.D
Acq: 12 Jul 2022 14:58

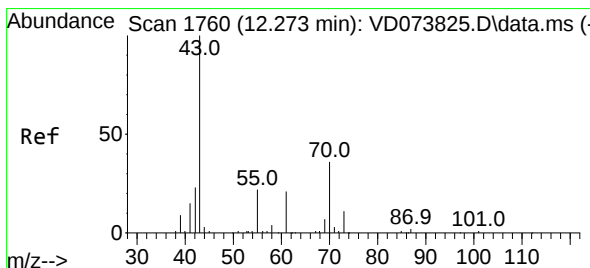
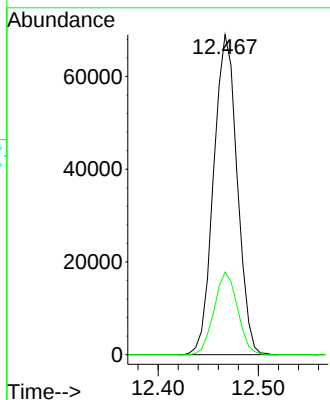
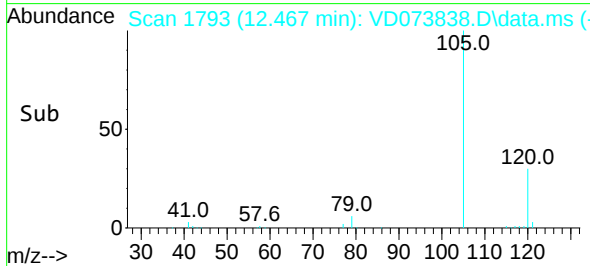
Instrument :
MSVOA_D
ClientSampleId :
VD0712SBS01



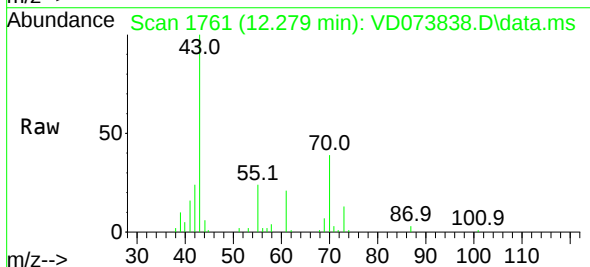
Tgt Ion:105 Resp: 112640
Ion Ratio Lower Upper
105 100
120 25.6 13.2 39.5

Manual Integrations
APPROVED

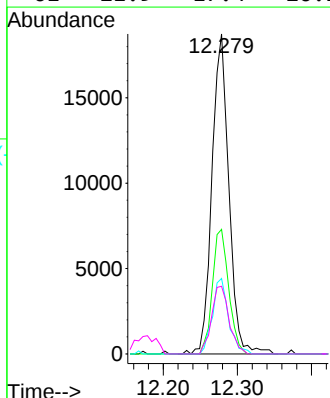
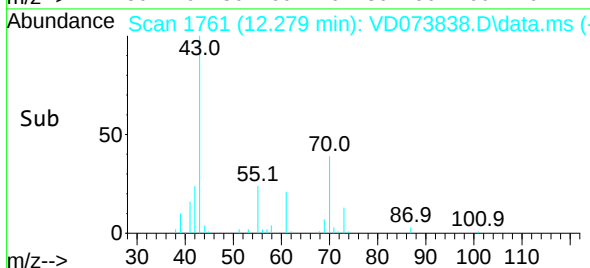
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022

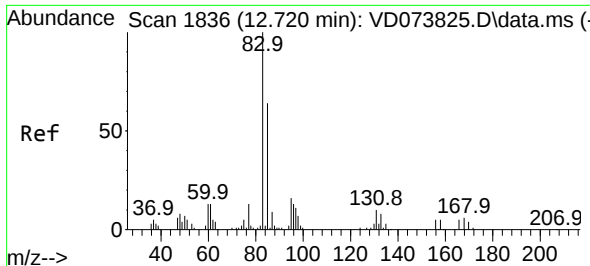


#74
N-ethyl acetate
Concen: 19.877 ug/l
RT: 12.279 min Scan# 1761
Delta R.T. 0.006 min
Lab File: VD073838.D
Acq: 12 Jul 2022 14:58



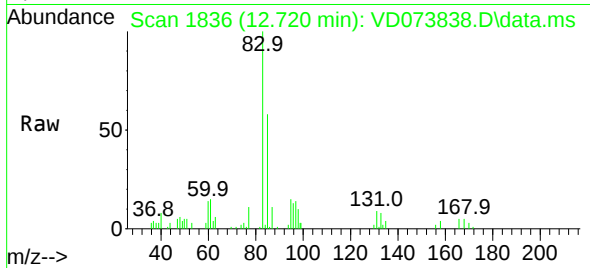
Tgt Ion: 43 Resp: 29662
Ion Ratio Lower Upper
43 100
70 37.5 30.0 45.0
55 22.5 17.4 26.0
61 21.9 17.4 26.2





#75
1,1,2,2-Tetrachloroethane
Concen: 20.476 ug/l
RT: 12.720 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VD073838.D
Acq: 12 Jul 2022 14:58

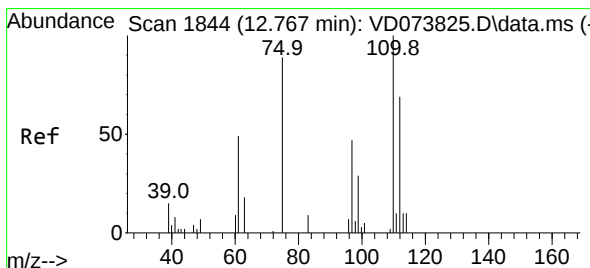
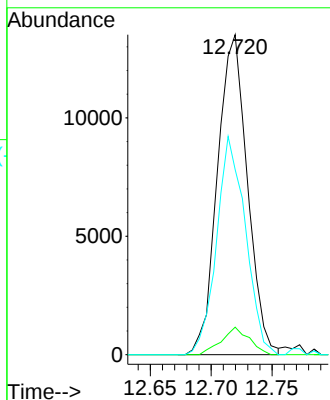
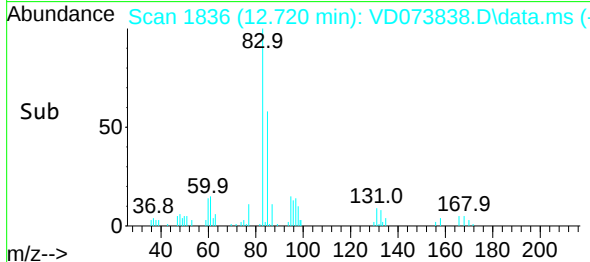
Instrument :
MSVOA_D
ClientSampleId :
VD0712SBS01



Tgt Ion: 83 Resp: 23150
Ion Ratio Lower Upper
83 100
131 7.9 5.1 15.2
85 65.8 32.5 97.4

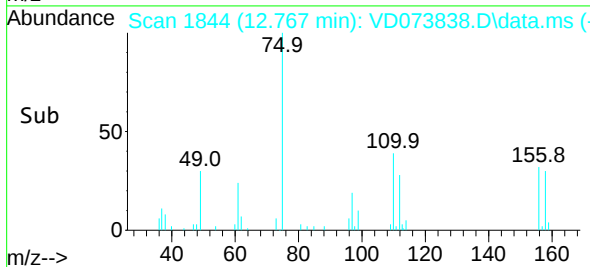
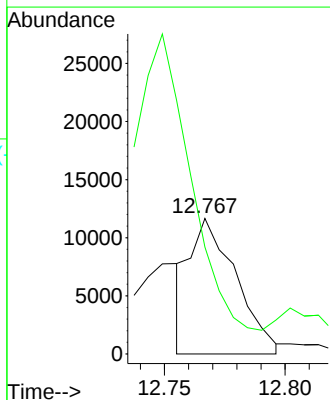
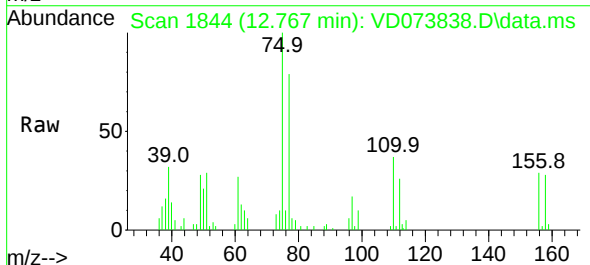
Manual Integrations
APPROVED

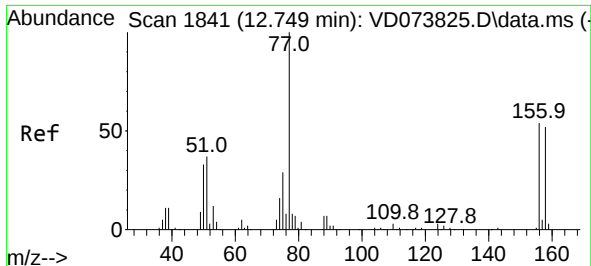
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#76
1,2,3-Trichloropropane
Concen: 17.989 ug/l m
RT: 12.767 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VD073838.D
Acq: 12 Jul 2022 14:58

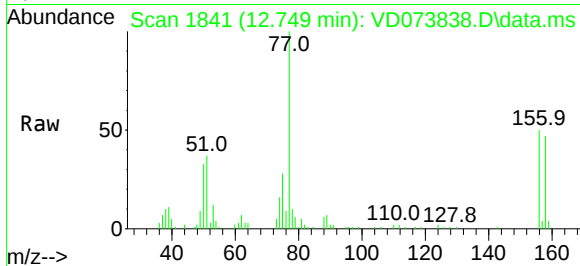
Tgt Ion: 75 Resp: 15487
Ion Ratio Lower Upper
75 100
77 330.6 138.0 414.0





#77
Bromobenzene
Concen: 20.086 ug/l
RT: 12.749 min Scan# 1841
Delta R.T. -0.000 min
Lab File: VD073838.D
Acq: 12 Jul 2022 14:58

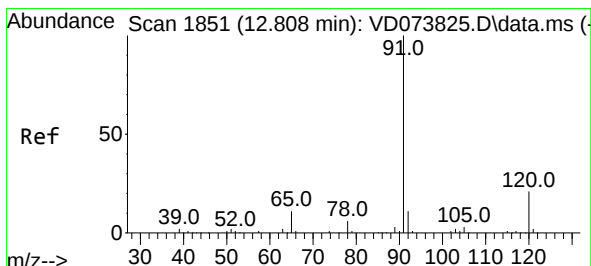
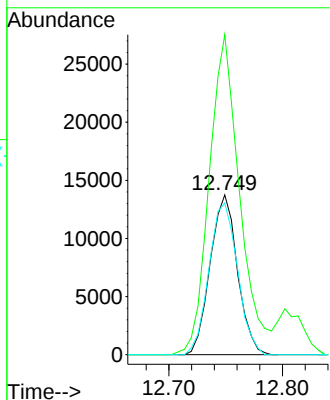
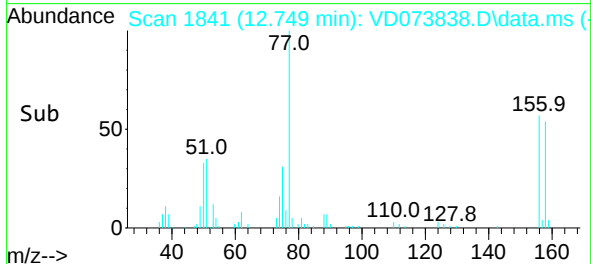
Instrument :
MSVOA_D
ClientSampleId :
VD0712SBS01



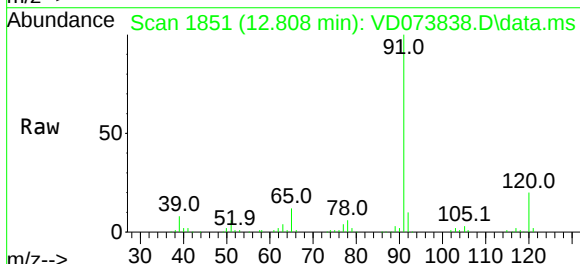
Tgt Ion:156 Resp: 22892
Ion Ratio Lower Upper
156 100
77 223.7 110.1 330.3
158 99.7 48.3 144.9

Manual Integrations
APPROVED

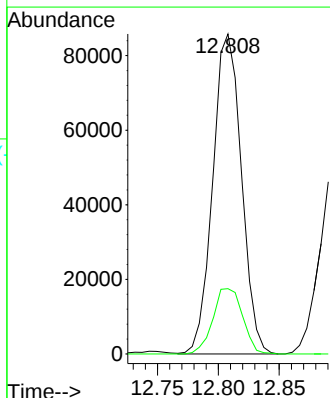
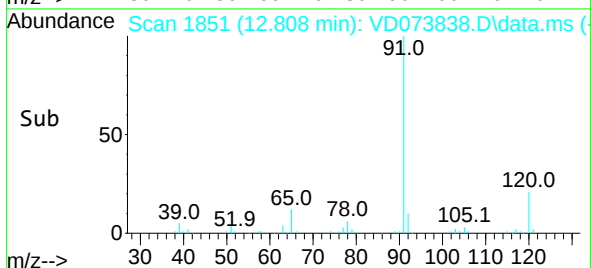
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022

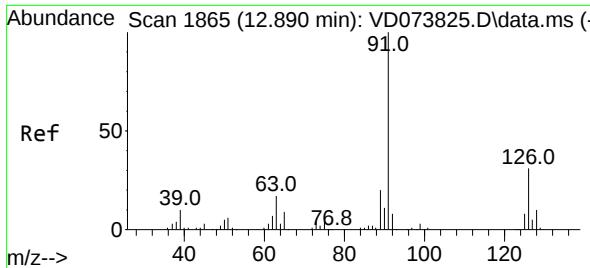


#78
n-propylbenzene
Concen: 20.449 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VD073838.D
Acq: 12 Jul 2022 14:58



Tgt Ion: 91 Resp: 140470
Ion Ratio Lower Upper
91 100
120 21.2 10.5 31.6





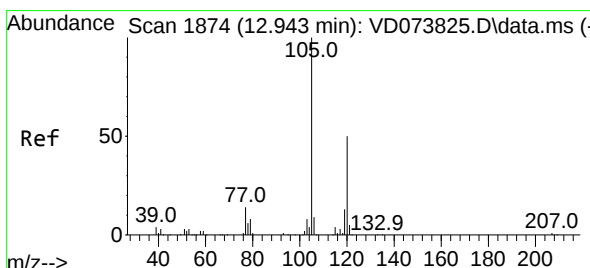
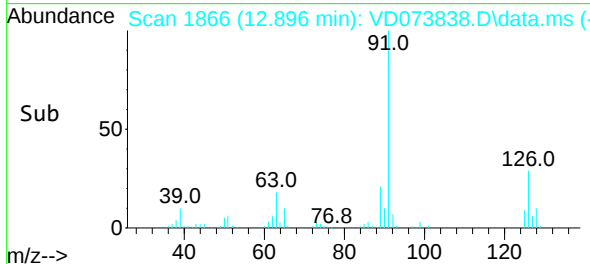
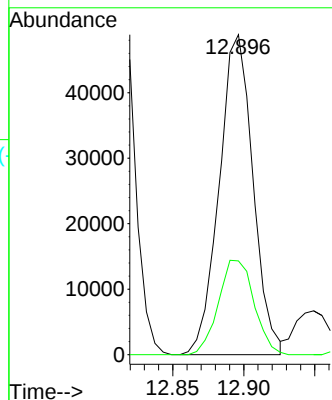
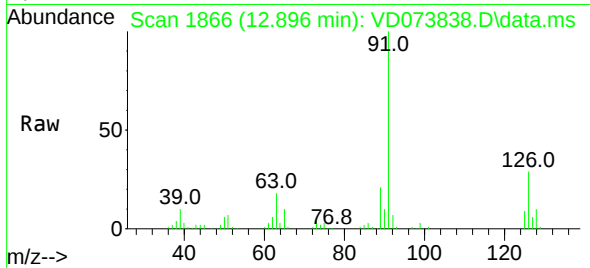
#79
2-Chlorotoluene
Concen: 20.480 ug/l
RT: 12.896 min Scan# 1866
Delta R.T. 0.006 min
Lab File: VD073838.D
Acq: 12 Jul 2022 14:58

Instrument :
MSVOA_D
ClientSampleId :
VD0712SBS01

Tgt Ion: 91 Resp: 8091
Ion Ratio Lower Upper
91 100
126 31.1 15.9 47.7

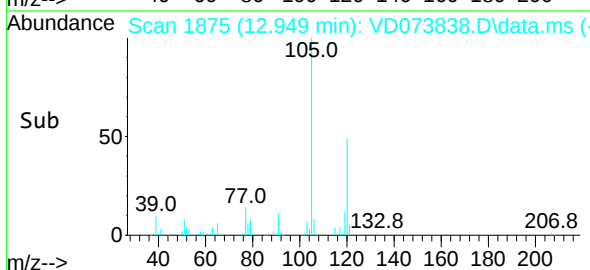
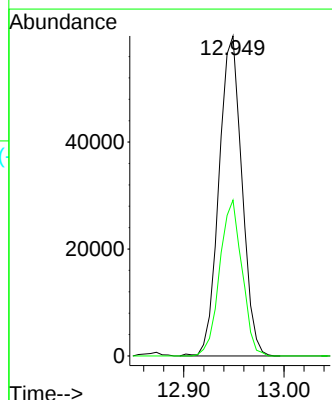
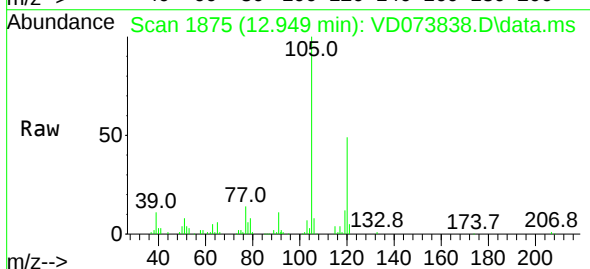
Manual Integrations
APPROVED

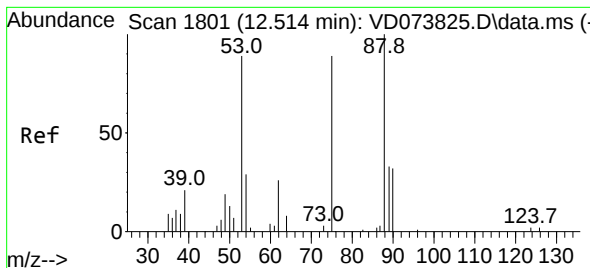
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#80
1,3,5-Trimethylbenzene
Concen: 20.918 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. 0.006 min
Lab File: VD073838.D
Acq: 12 Jul 2022 14:58

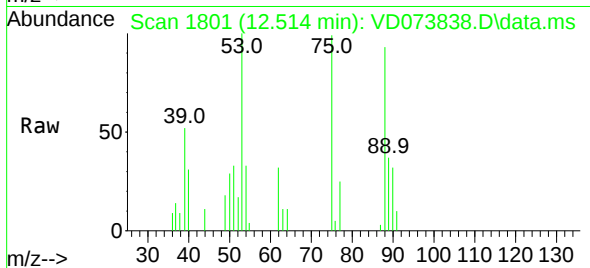
Tgt Ion:105 Resp: 94840
Ion Ratio Lower Upper
105 100
120 47.5 24.1 72.4





#81
trans-1,4-Dichloro-2-butene
Concen: 20.505 ug/l
RT: 12.514 min Scan# 1801
Delta R.T. -0.000 min
Lab File: VD073838.D
Acq: 12 Jul 2022 14:58

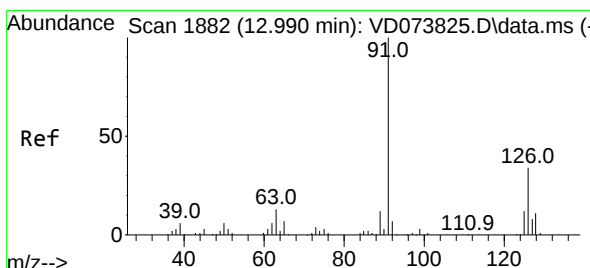
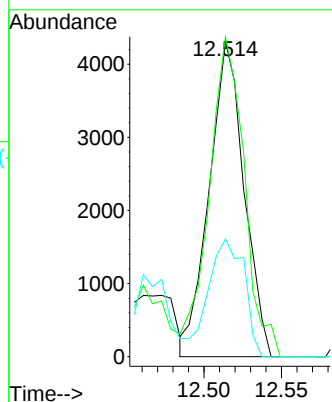
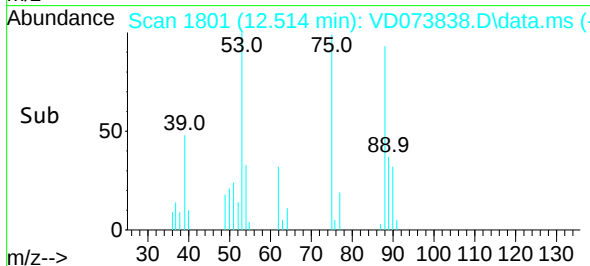
Instrument :
MSVOA_D
ClientSampleId :
VD0712SBS01



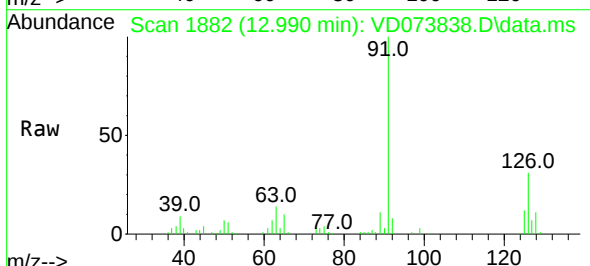
Tgt Ion: 75 Resp: 671
Ion Ratio Lower Upper
75 100
53 102.5 79.3 118.9
89 37.9 34.8 52.2

Manual Integrations
APPROVED

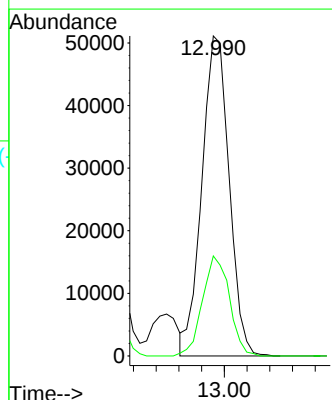
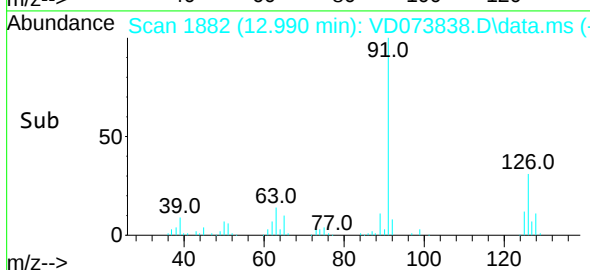
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022

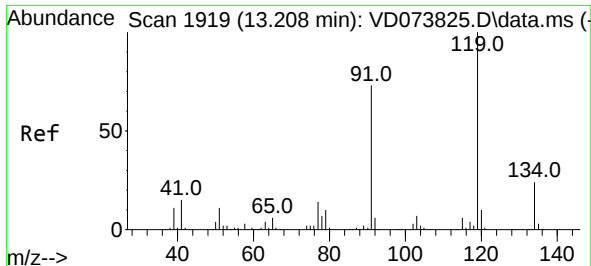


#82
4-Chlorotoluene
Concen: 20.602 ug/l
RT: 12.990 min Scan# 1882
Delta R.T. -0.000 min
Lab File: VD073838.D
Acq: 12 Jul 2022 14:58



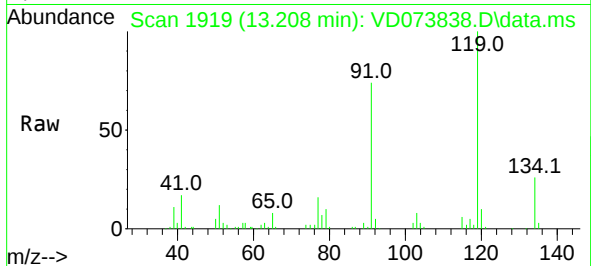
Tgt Ion: 91 Resp: 85124
Ion Ratio Lower Upper
91 100
126 30.9 16.2 48.5





#83
tert-Butylbenzene
Concen: 20.387 ug/l
RT: 13.208 min Scan# 1919
Delta R.T. -0.000 min
Lab File: VD073838.D
Acq: 12 Jul 2022 14:58

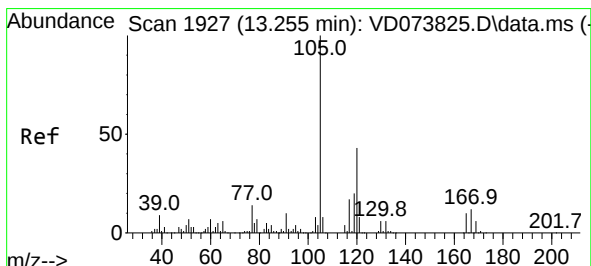
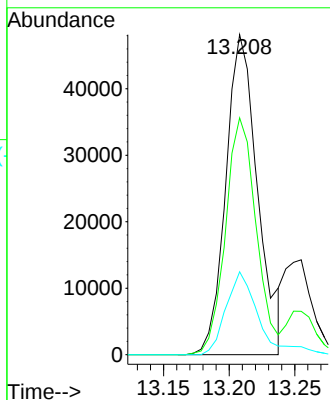
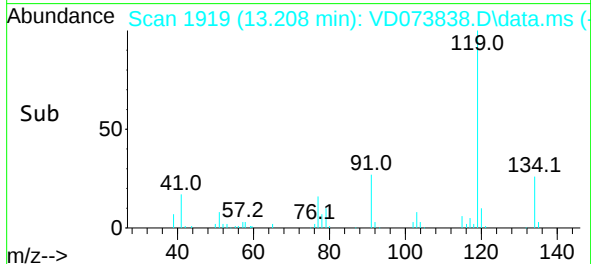
Instrument :
MSVOA_D
ClientSampleId :
VD0712SBS01



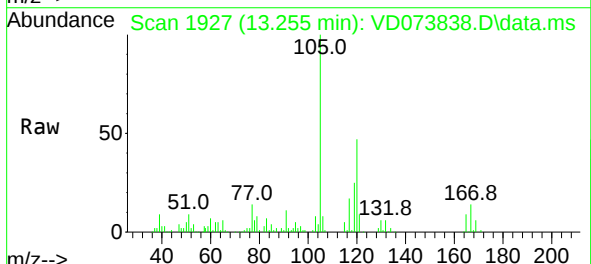
Tgt Ion:119 Resp: 81454
Ion Ratio Lower Upper
119 100
91 71.4 36.0 108.0
134 26.5 13.1 39.1

Manual Integrations
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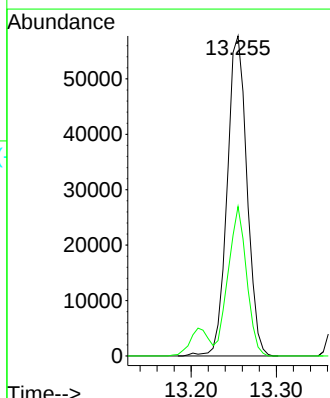
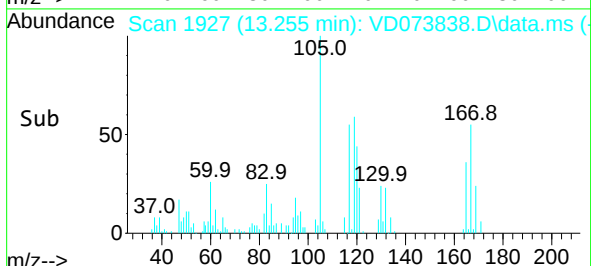
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022

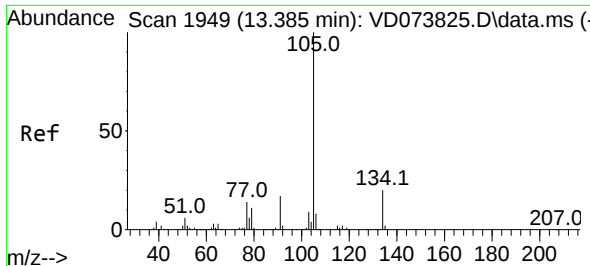


#84
1,2,4-Trimethylbenzene
Concen: 20.538 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. -0.000 min
Lab File: VD073838.D
Acq: 12 Jul 2022 14:58



Tgt Ion:105 Resp: 93416
Ion Ratio Lower Upper
105 100
120 43.6 21.9 65.5





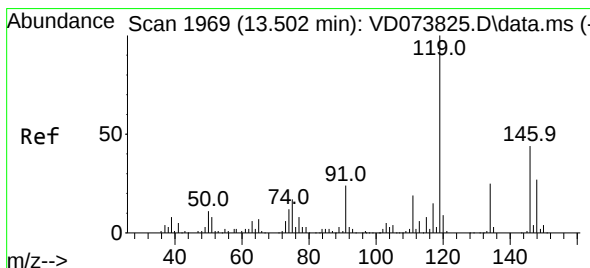
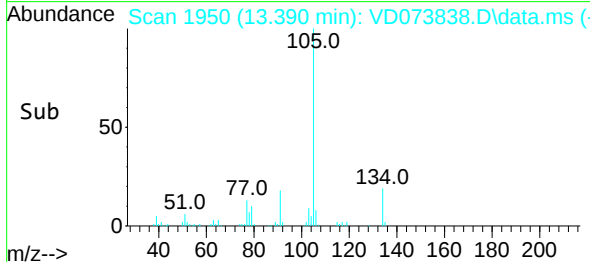
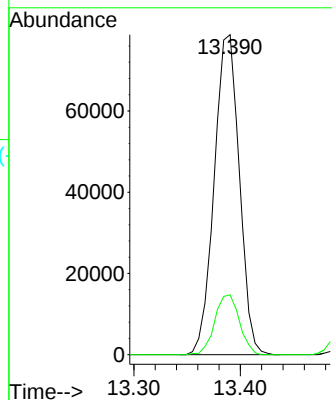
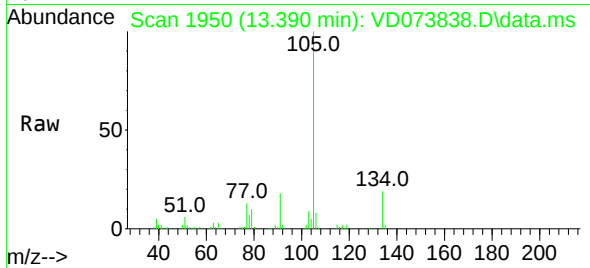
#85
 sec-Butylbenzene
 Concen: 20.766 ug/l
 RT: 13.390 min Scan# 1949
 Delta R.T. 0.006 min
 Lab File: VD073838.D
 Acq: 12 Jul 2022 14:58

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0712SBS01

Tgt Ion:105 Resp: 129000
 Ion Ratio Lower Upper
 105 100
 134 18.3 9.8 29.3

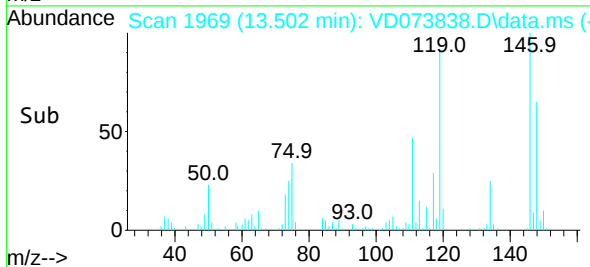
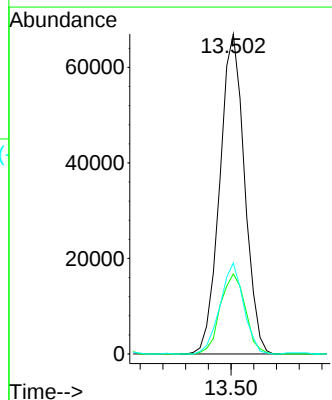
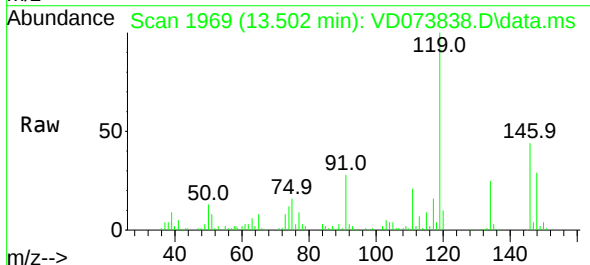
Manual Integrations
 APPROVED

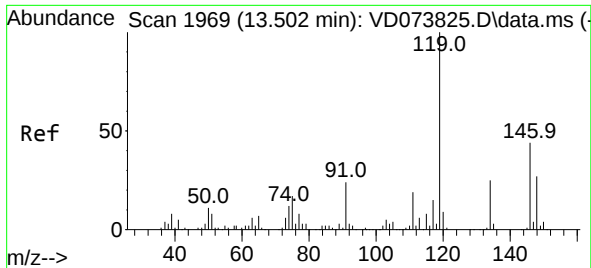
Reviewed By :John Carlone 07/13/2022
 Supervised By :Mahesh Dadoda 07/13/2022



#86
 p-Isopropyltoluene
 Concen: 20.274 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. -0.000 min
 Lab File: VD073838.D
 Acq: 12 Jul 2022 14:58

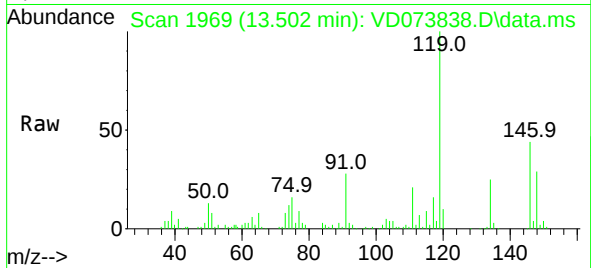
Tgt Ion:119 Resp: 101414
 Ion Ratio Lower Upper
 119 100
 134 25.2 12.6 37.8
 91 27.1 13.0 38.9





#87
 1,3-Dichlorobenzene
 Concen: 19.947 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. -0.000 min
 Lab File: VD073838.D
 Acq: 12 Jul 2022 14:58

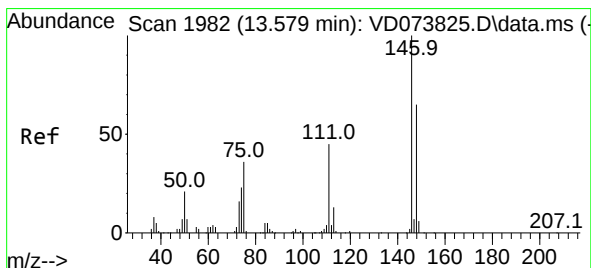
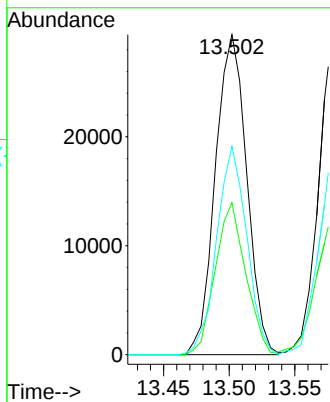
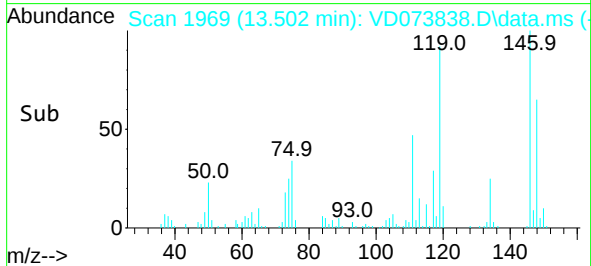
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0712SBS01



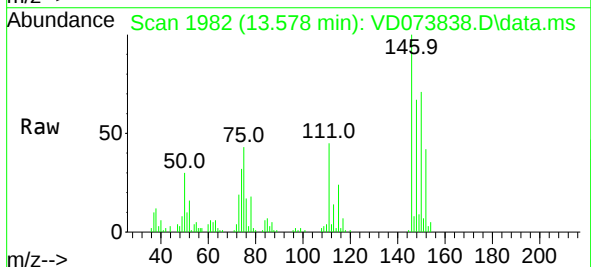
Tgt Ion:146 Resp: 4886
 Ion Ratio Lower Upper
 146 100
 111 46.2 21.8 65.4
 148 62.6 31.6 94.8

Manual Integrations
 APPROVED

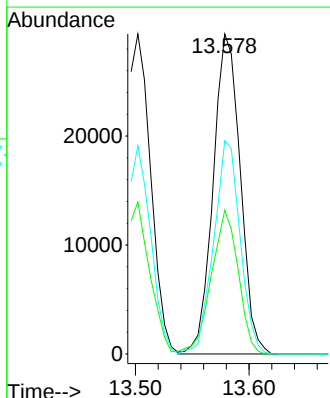
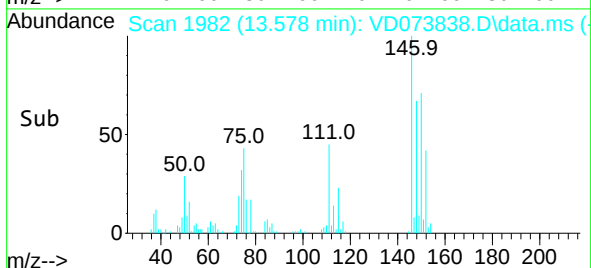
Reviewed By :John Carlone 07/13/2022
 Supervised By :Mahesh Dadoda 07/13/2022

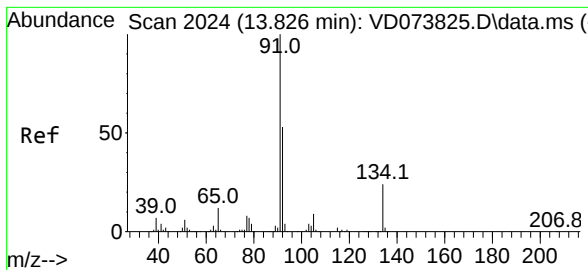


#88
 1,4-Dichlorobenzene
 Concen: 20.261 ug/l
 RT: 13.578 min Scan# 1982
 Delta R.T. -0.000 min
 Lab File: VD073838.D
 Acq: 12 Jul 2022 14:58



Tgt Ion:146 Resp: 48604
 Ion Ratio Lower Upper
 146 100
 111 44.6 21.9 65.7
 148 65.2 32.4 97.0





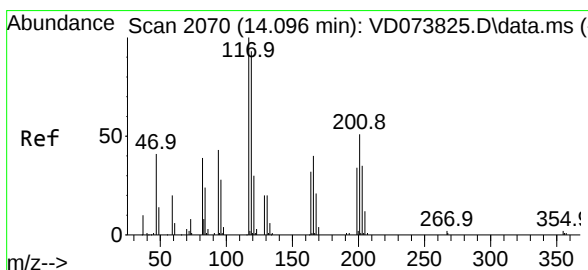
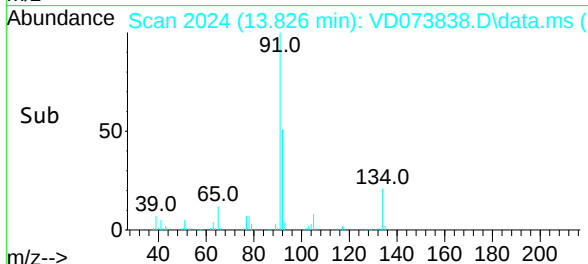
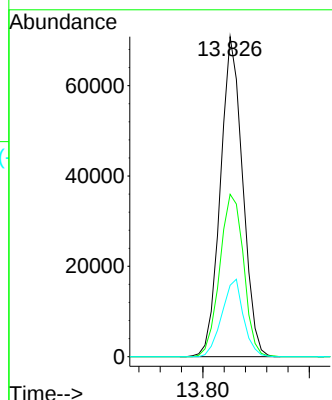
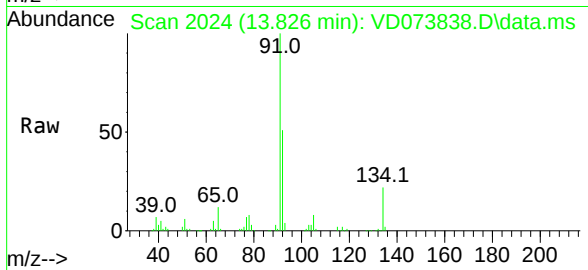
#89
n-Butylbenzene
Concen: 20.445 ug/l
RT: 13.826 min Scan# 2024
Delta R.T. -0.000 min
Lab File: VD073838.D
Acq: 12 Jul 2022 14:58

Instrument :
MSVOA_D
ClientSampleId :
VD0712SBS01

Tgt Ion: 91 Resp: 10262
Ion Ratio Lower Upper
91 100
92 54.4 26.7 80.1
134 23.5 11.6 34.7

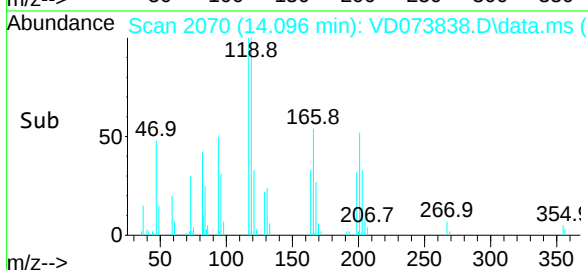
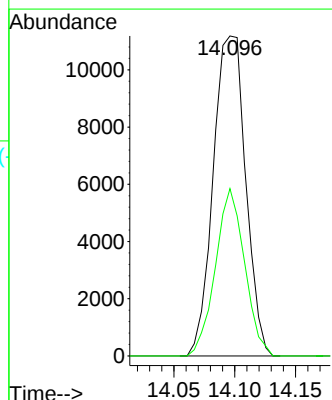
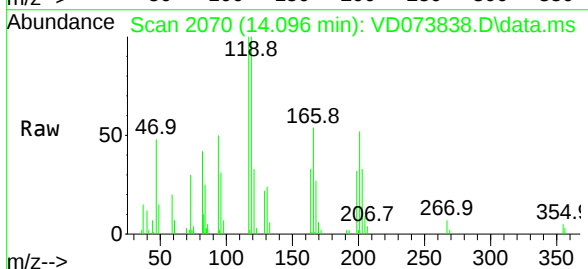
Manual Integrations
APPROVED

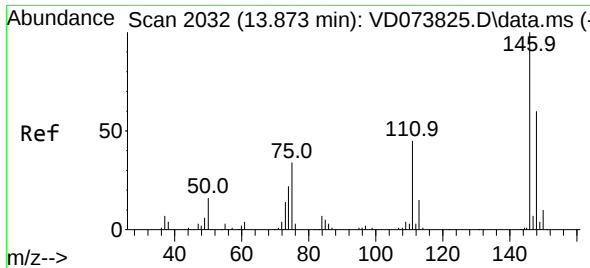
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#90
Hexachloroethane
Concen: 21.448 ug/l
RT: 14.096 min Scan# 2070
Delta R.T. -0.000 min
Lab File: VD073838.D
Acq: 12 Jul 2022 14:58

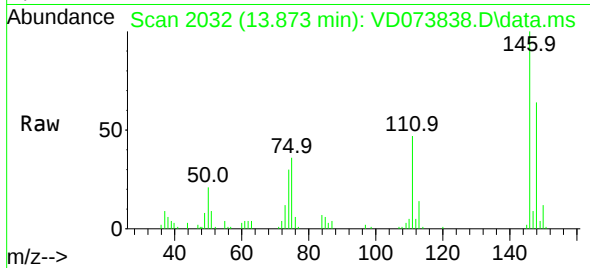
Tgt Ion:117 Resp: 20769
Ion Ratio Lower Upper
117 100
201 46.9 26.7 80.0





#91
1,2-Dichlorobenzene
Concen: 20.427 ug/l
RT: 13.873 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD073838.D
Acq: 12 Jul 2022 14:58

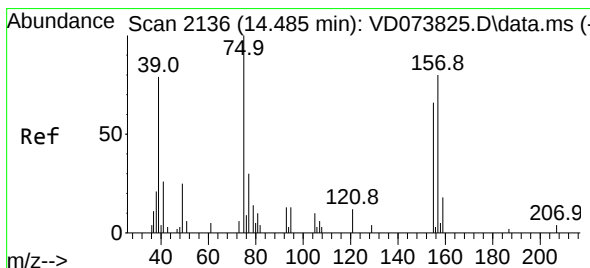
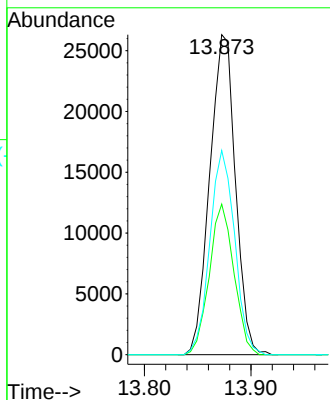
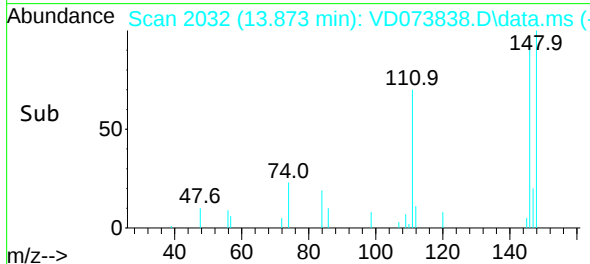
Instrument :
MSVOA_D
ClientSampleId :
VD0712SBS01



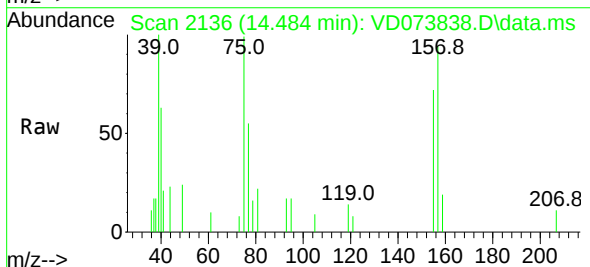
Tgt Ion:146 Resp: 44070
Ion Ratio Lower Upper
146 100
111 45.1 22.8 68.4
148 61.8 30.6 91.6

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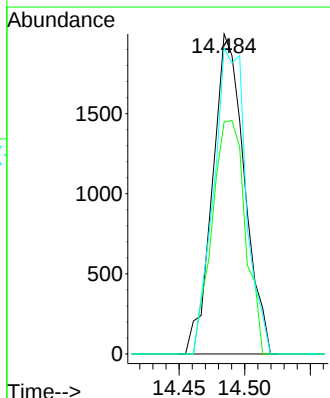
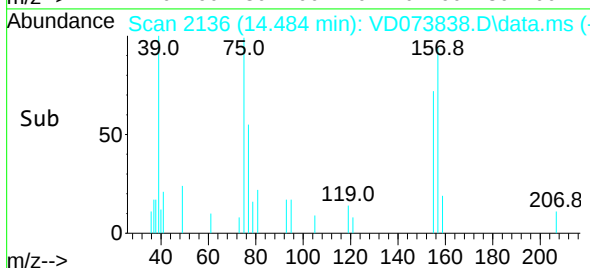
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022

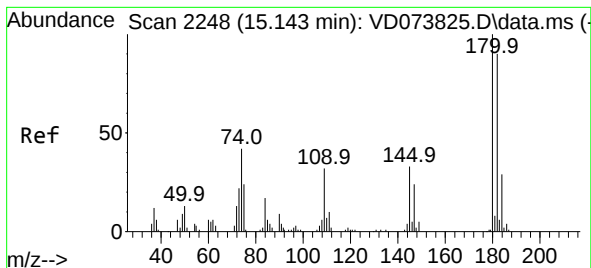


#92
1,2-Dibromo-3-Chloropropane
Concen: 17.774 ug/l
RT: 14.484 min Scan# 2136
Delta R.T. -0.000 min
Lab File: VD073838.D
Acq: 12 Jul 2022 14:58



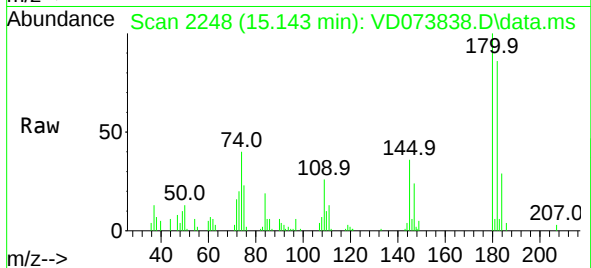
Tgt Ion: 75 Resp: 3370
Ion Ratio Lower Upper
75 100
155 75.7 35.7 107.1
157 97.5 46.7 140.1





#93
 1,2,4-Trichlorobenzene
 Concen: 19.884 ug/l
 RT: 15.143 min Scan# 211
 Delta R.T. -0.000 min
 Lab File: VD073838.D
 Acq: 12 Jul 2022 14:58

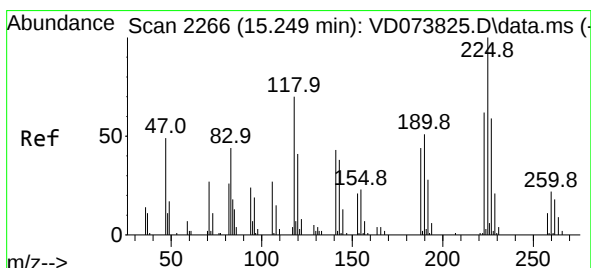
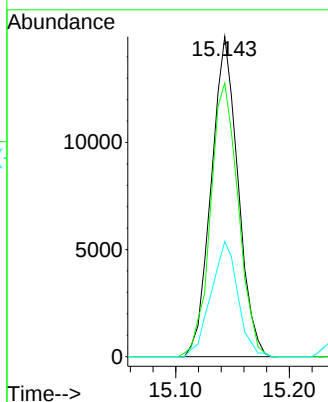
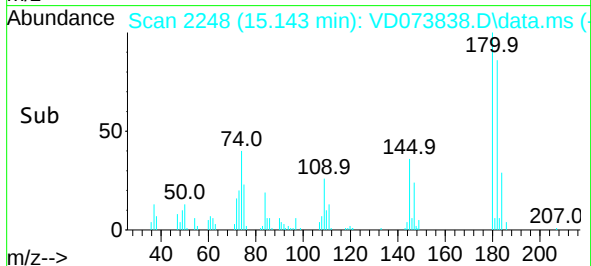
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0712SBS01



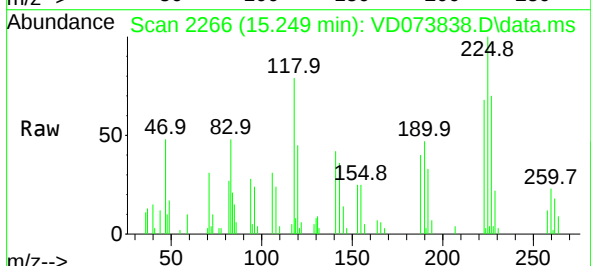
Tgt Ion:180 Resp: 2444
 Ion Ratio Lower Upper
 180 100
 182 88.6 46.9 140.8
 145 36.2 17.0 51.0

Manual Integrations
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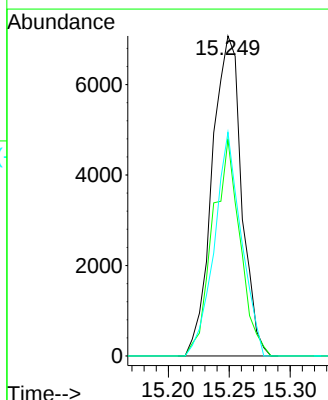
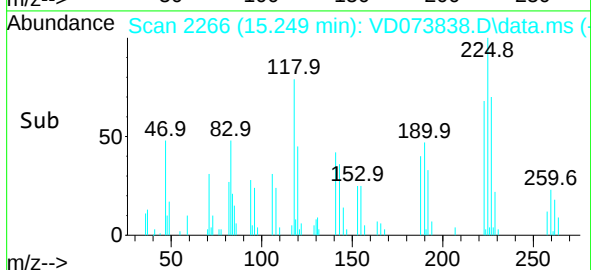
Reviewed By :John Carlone 07/13/2022
 Supervised By :Mahesh Dadoda 07/13/2022

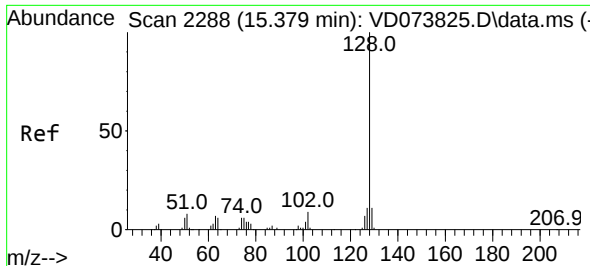


#94
 Hexachlorobutadiene
 Concen: 20.385 ug/l
 RT: 15.249 min Scan# 2266
 Delta R.T. -0.000 min
 Lab File: VD073838.D
 Acq: 12 Jul 2022 14:58



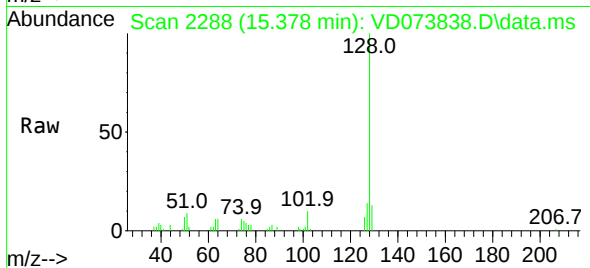
Tgt Ion:225 Resp: 11925
 Ion Ratio Lower Upper
 225 100
 223 63.1 31.8 95.3
 227 63.9 31.4 94.2





#95
Naphthalene
Concen: 18.802 ug/l
RT: 15.378 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD073838.D
Acq: 12 Jul 2022 14:58

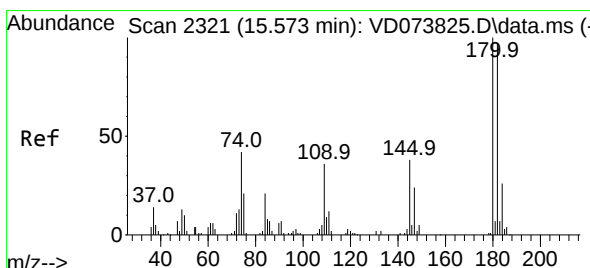
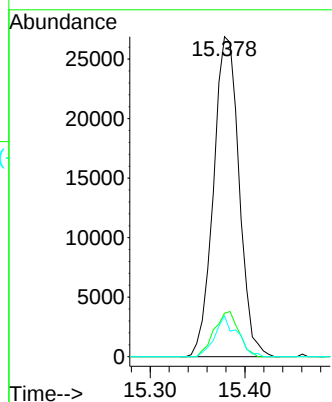
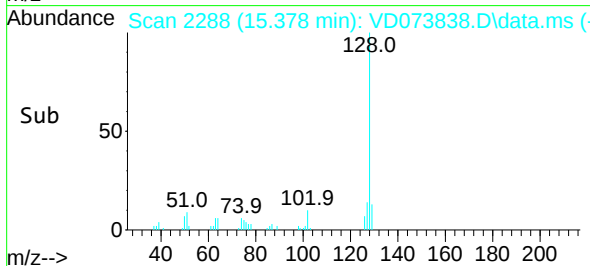
Instrument :
MSVOA_D
ClientSampleId :
VD0712SBS01



Tgt Ion:128 Resp: 5046
Ion Ratio Lower Upper
128 100
127 13.5 10.3 15.5
129 11.1 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#96
1,2,3-Trichlorobenzene
Concen: 19.885 ug/l
RT: 15.573 min Scan# 2321
Delta R.T. -0.000 min
Lab File: VD073838.D
Acq: 12 Jul 2022 14:58

Tgt Ion:180 Resp: 21253
Ion Ratio Lower Upper
180 100
182 92.9 47.4 142.3
145 36.9 18.9 56.9

