

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW081721\
 Data File : VW021848.D
 Acq On : 18 Aug 2021 04:59
 Operator : SY/MD
 Sample : M3422-24MS
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 18 05:44:11 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM081621WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Aug 18 03:33:12 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	405092	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	378257	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	195105	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	108180	34.160	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	68.320%
7) Chloroethane-d5	1.558	69	92526	38.717	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	77.440%
11) 1,1-Dichloroethene-d2	2.105	63	203878	40.444	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.880%
21) 2-Butanone-d5	3.873	46	221559	112.490	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	112.490%
24) Chloroform-d	4.349	84	256268	46.707	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.420%
26) 1,2-Dichloroethane-d4	5.034	65	150813	47.786	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.580%
32) Benzene-d6	5.050	84	479900	44.119	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.240%
36) 1,2-Dichloropropane-d6	6.072	67	160320	47.330	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.660%
41) Toluene-d8	7.317	98	430144	42.784	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.560%
43) trans-1,3-Dichloroprop...	7.622	79	70764	42.449	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.900%
47) 2-Hexanone-d5	8.088	63	134094	120.785	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	120.780%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	240993	57.412	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	114.820%
66) 1,2-Dichlorobenzene-d4	11.625	152	193462	47.913	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.820%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	148224	47.296	ug/L	99
3) Chloromethane	1.240	50	163201	50.143	ug/L	100
5) Vinyl chloride	1.307	62	158832	49.560	ug/L	99
6) Bromomethane	1.510	94	99503	51.655	ug/L	99
8) Chloroethane	1.577	64	95583	49.909	ug/L	99
9) Trichlorofluoromethane	1.748	101	220065	50.116	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	124898	49.680	ug/L	98
12) 1,1-Dichloroethene	2.114	96	120899	50.488	ug/L	93
13) Acetone	2.159	43	119023	73.442	ug/L #	100
14) Carbon disulfide	2.291	76	394355	48.945	ug/L	100
15) Methyl Acetate	2.426	43	105800	35.536	ug/L	97
16) Methylene chloride	2.503	84	160501	48.187	ug/L	98
17) trans-1,2-Dichloroethene	2.757	96	146952	52.298	ug/L	100
18) Methyl tert-butyl Ether	2.767	73	464316	53.730	ug/L	100
19) 1,1-Dichloroethane	3.188	63	263264	52.633	ug/L	99
20) cis-1,2-Dichloroethene	3.912	96	162270	49.871	ug/L	98
22) 2-Butanone	3.957	43	223531	94.710	ug/L	98
23) Bromochloromethane	4.249	128	87368	50.610	ug/L	95
25) Chloroform	4.375	83	269940	50.156	ug/L	99

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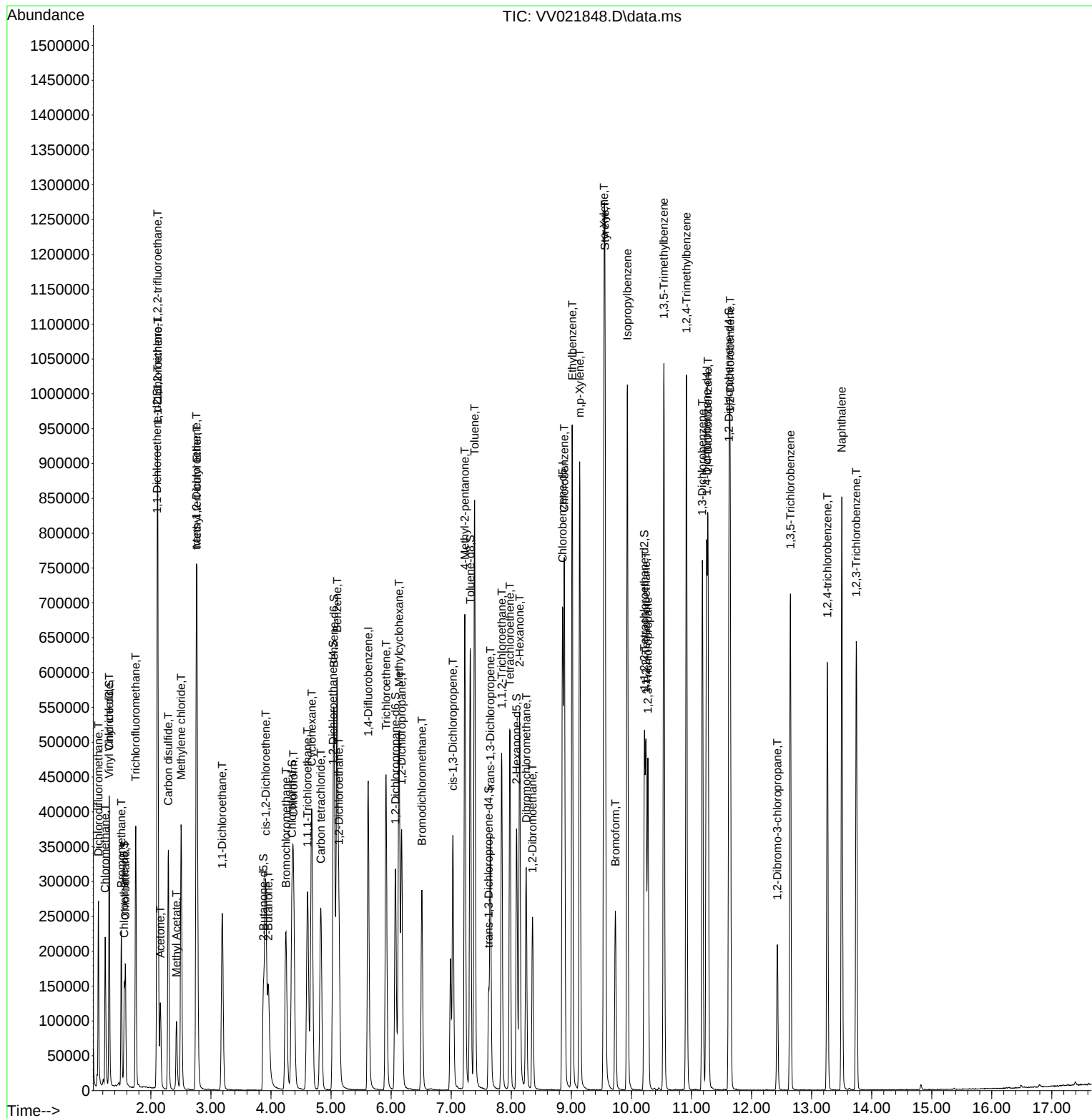
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 Quant Title : VOC Analysis
 QLast Update : Wed Aug 18 03:33:12 2021
 Response via : Initial Calibration

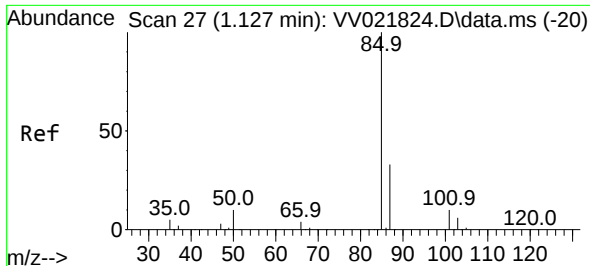
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	191170	50.414	ug/L	100
29) Cyclohexane	4.680	56	235059	50.457	ug/L	99
30) 1,1,1-Trichloroethane	4.609	97	236826	50.035	ug/L	99
31) Carbon tetrachloride	4.828	117	202603	49.469	ug/L	100
33) Benzene	5.101	78	593415	50.980	ug/L	100
34) Trichloroethene	5.915	95	155311	46.431	ug/L	97
35) Methylcyclohexane	6.133	83	228952	46.916	ug/L	100
37) 1,2-Dichloropropane	6.175	63	153090	51.941	ug/L	99
38) Bromodichloromethane	6.513	83	195662	50.367	ug/L	99
39) cis-1,3-Dichloropropene	7.027	75	224375	48.075	ug/L	98
40) 4-Methyl-2-pentanone	7.226	43	443881	109.482	ug/L	100
42) Toluene	7.390	91	633154	50.929	ug/L	100
44) trans-1,3-Dichloropropene	7.651	75	212630	48.344	ug/L	100
45) 1,1,2-Trichloroethane	7.841	97	154747	52.411	ug/L	98
46) Tetrachloroethene	7.979	164	120571	48.501	ug/L	98
48) 2-Hexanone	8.140	43	334505	106.512	ug/L	99
49) Dibromochloromethane	8.249	129	166700	51.136	ug/L	100
50) 1,2-Dibromoethane	8.355	107	165534	51.518	ug/L	99
51) Chlorobenzene	8.882	112	410130	50.527	ug/L	99
52) Ethylbenzene	9.014	91	674245	50.836	ug/L	100
53) m,p-Xylene	9.140	106	265495	51.650	ug/L	100
54) o-Xylene	9.545	106	260906	51.206	ug/L	100
55) Styrene	9.561	104	440856	51.669	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.242	83	236815	57.614	ug/L	99
59) Bromoform	9.734	173	119447	51.501	ug/L	100
60) Isopropylbenzene	9.934	105	676088	51.687	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	192040	53.262	ug/L	99
62) 1,3,5-Trimethylbenzene	10.541	105	562277	51.224	ug/L	100
63) 1,2,4-Trimethylbenzene	10.918	105	572514	51.297	ug/L	99
64) 1,3-Dichlorobenzene	11.181	146	318320	50.252	ug/L	98
65) 1,4-Dichlorobenzene	11.275	146	320555	50.697	ug/L	97
67) 1,2-Dichlorobenzene	11.644	146	326927	51.161	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	47604	54.304	ug/L	96
69) 1,3,5-Trichlorobenzene	12.648	180	223537	48.683	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	192629	50.021	ug/L	100
71) Naphthalene	13.503	128	658805	58.894	ug/L	100
72) 1,2,3-Trichlorobenzene	13.744	180	201537	52.096	ug/L	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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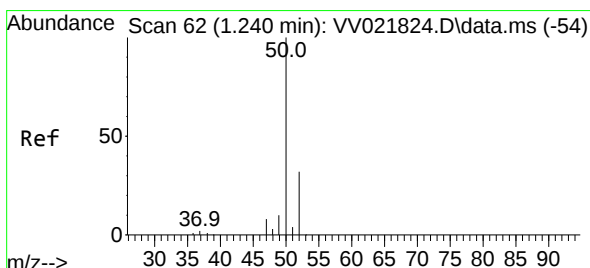
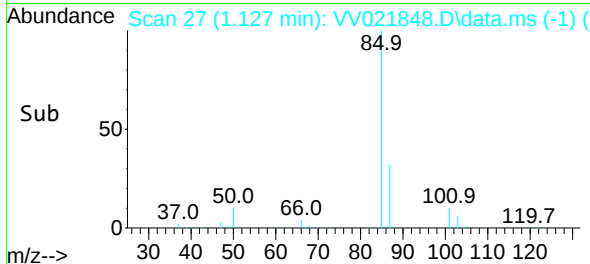
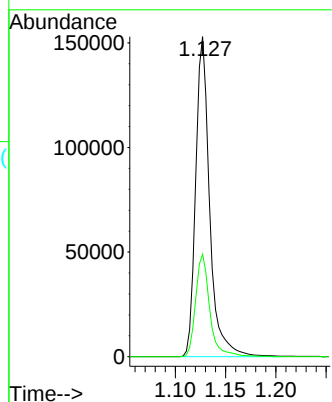
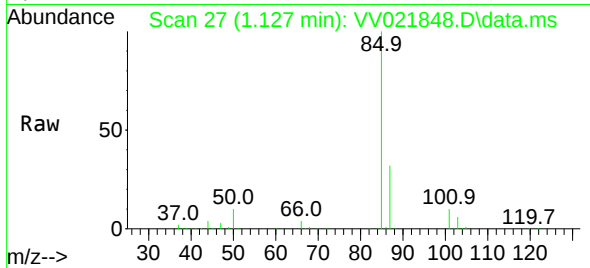




#2
 Dichlorodifluoromethane
 Concen: 47.296 ug/L
 RT: 1.127 min Scan# 27
 Delta R.T. -0.000 min
 Lab File: VV021848.D
 Acq: 18 Aug 2021 04:59

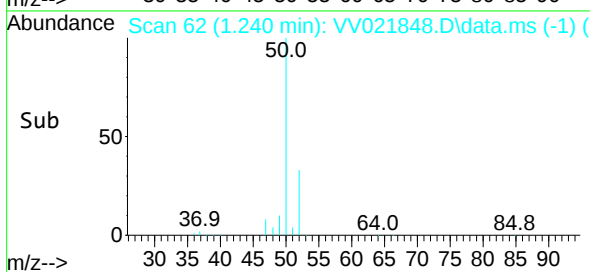
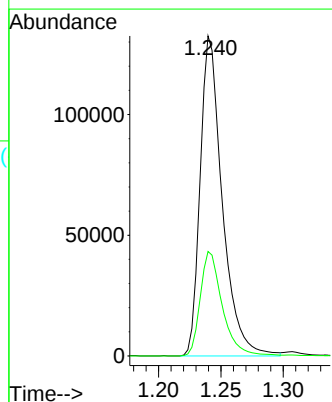
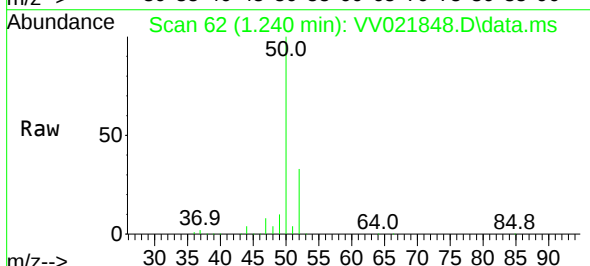
Instrument :
 MSVOA_V
 ClientSampled :

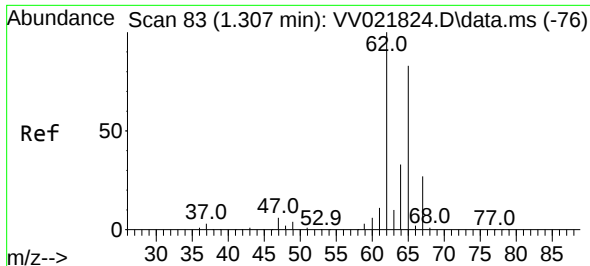
Tgt Ion: 85 Resp: 148224
 Ion Ratio Lower Upper
 85 100
 87 32.2 26.1 39.1



#3
 Chloromethane
 Concen: 50.143 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. -0.000 min
 Lab File: VV021848.D
 Acq: 18 Aug 2021 04:59

Tgt Ion: 50 Resp: 163201
 Ion Ratio Lower Upper
 50 100
 52 32.6 22.7 42.1

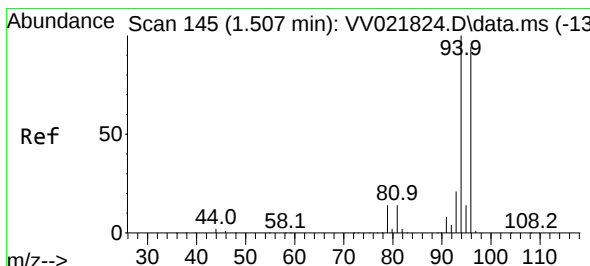
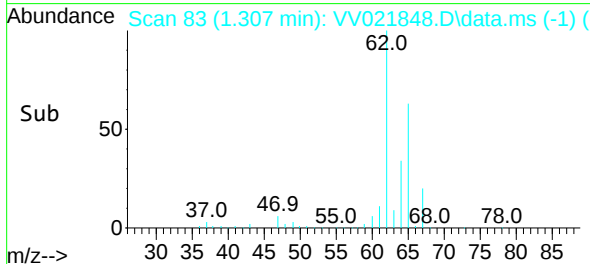
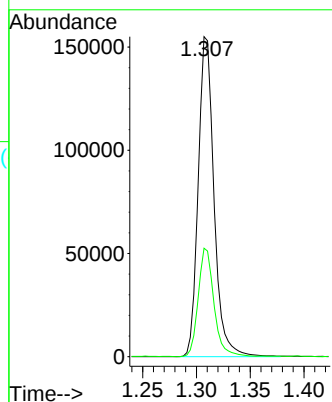
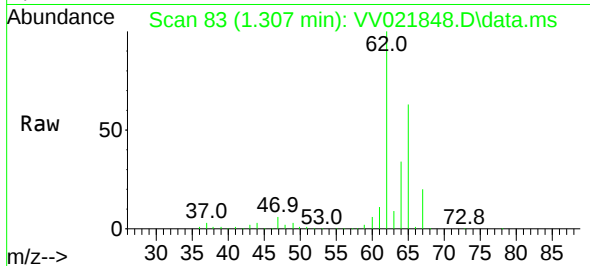




#5
 Vinyl chloride
 Concen: 49.560 ug/L
 RT: 1.307 min Scan# 83
 Delta R.T. -0.000 min
 Lab File: VV021848.D
 Acq: 18 Aug 2021 04:59

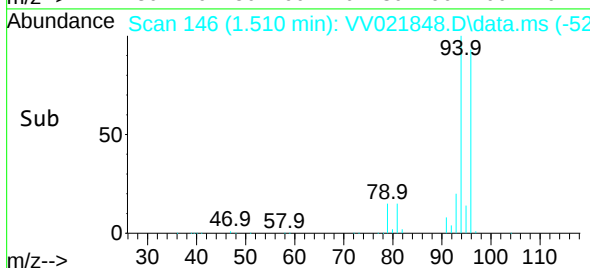
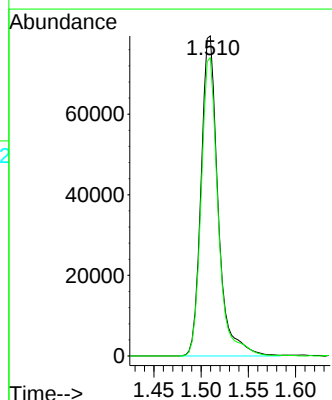
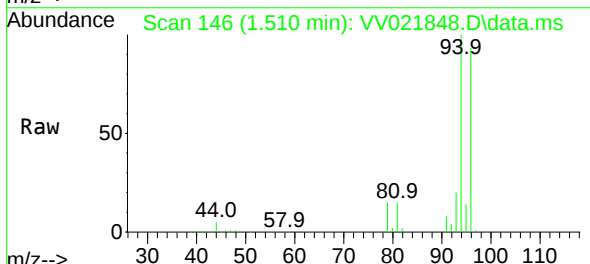
Instrument :
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 ClientSampled :

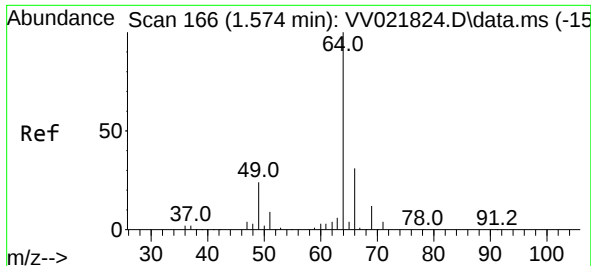
Tgt Ion: 62 Resp: 158832
 Ion Ratio Lower Upper
 62 100
 64 33.9 23.4 43.4



#6
 Bromomethane
 Concen: 51.655 ug/L
 RT: 1.510 min Scan# 146
 Delta R.T. 0.003 min
 Lab File: VV021848.D
 Acq: 18 Aug 2021 04:59

Tgt Ion: 94 Resp: 99503
 Ion Ratio Lower Upper
 94 100
 96 93.2 64.8 120.3

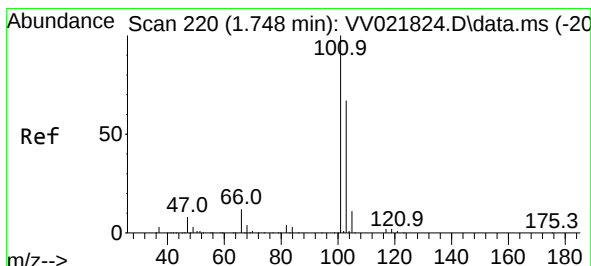
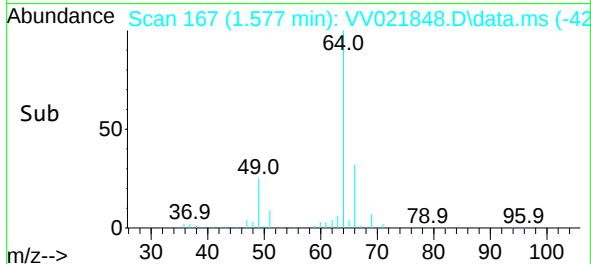
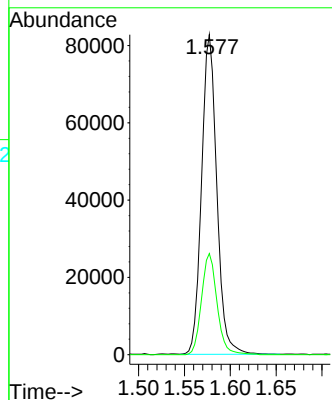
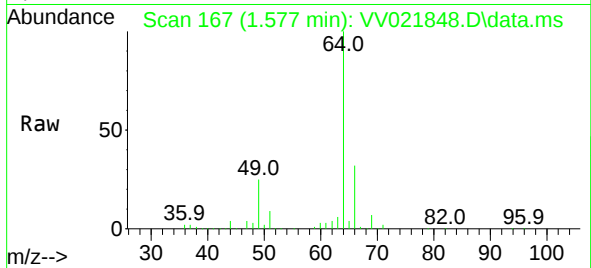




#8
Chloroethane
Concen: 49.909 ug/L
RT: 1.577 min Scan# 167
Delta R.T. 0.003 min
Lab File: VV021848.D
Acq: 18 Aug 2021 04:59

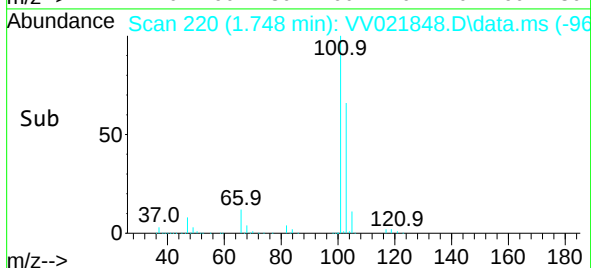
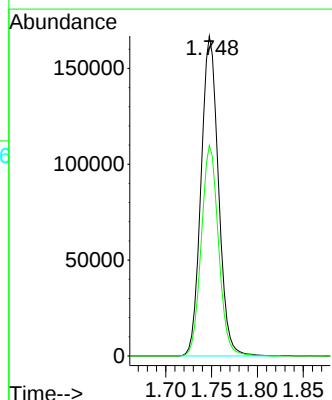
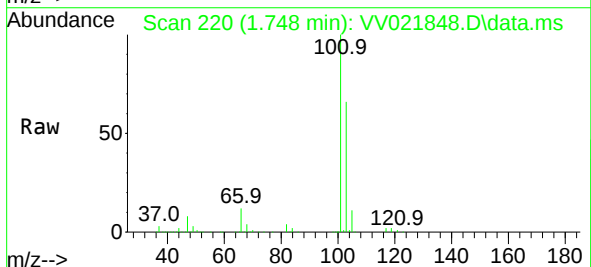
Instrument :
MSVOA_V
ClientSampled :

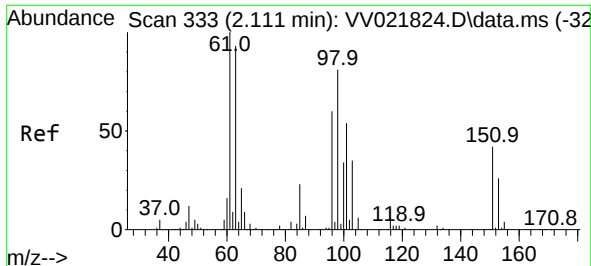
Tgt Ion: 64 Resp: 95583
Ion Ratio Lower Upper
64 100
66 31.6 22.6 42.0



#9
Trichlorofluoromethane
Concen: 50.116 ug/L
RT: 1.748 min Scan# 220
Delta R.T. -0.000 min
Lab File: VV021848.D
Acq: 18 Aug 2021 04:59

Tgt Ion:101 Resp: 220065
Ion Ratio Lower Upper
101 100
103 65.2 51.8 77.8





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 49.680 ug/L

RT: 2.111 min Scan# 333

Delta R.T. -0.000 min

Lab File: VV021848.D

Acq: 18 Aug 2021 04:59

Tgt Ion:101 Resp: 124898

Ion Ratio Lower Upper

101 100

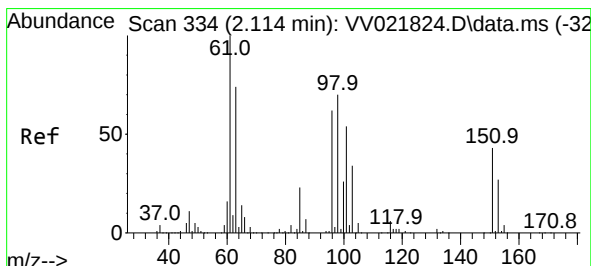
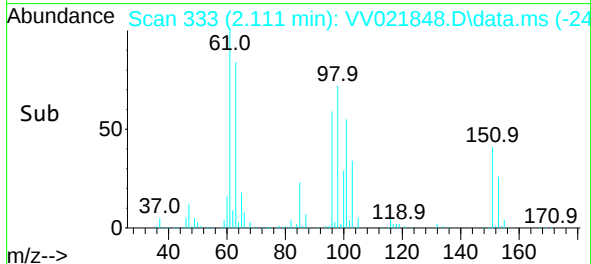
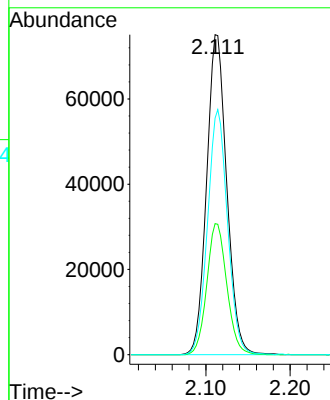
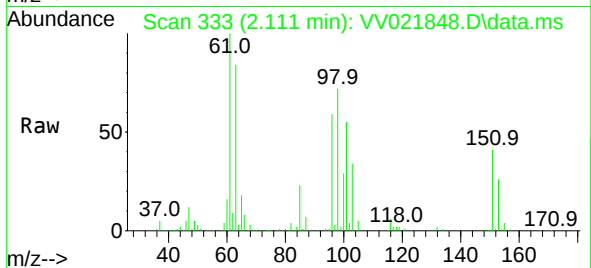
85 40.6 33.4 50.2

151 76.0 62.2 93.2

Instrument :

MSVOA_V

ClientSampleId :



#12

1,1-Dichloroethene

Concen: 50.488 ug/L

RT: 2.114 min Scan# 334

Delta R.T. -0.000 min

Lab File: VV021848.D

Acq: 18 Aug 2021 04:59

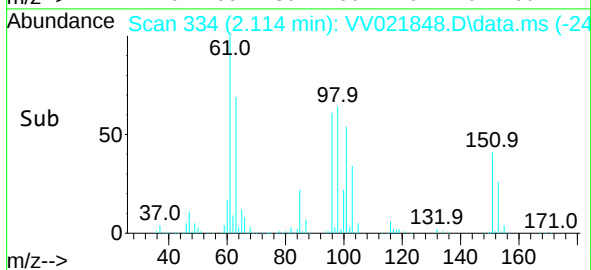
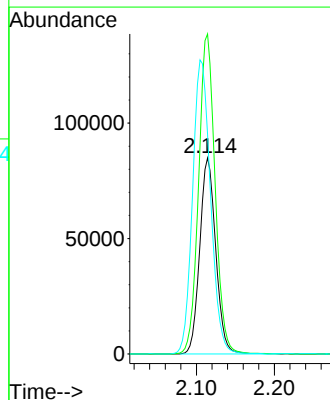
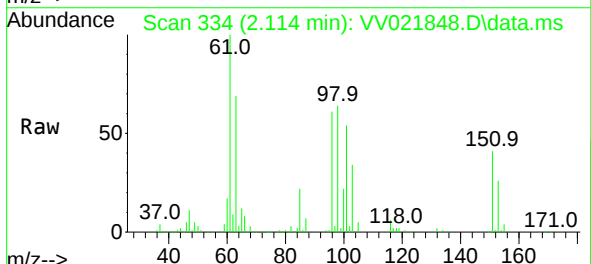
Tgt Ion: 96 Resp: 120899

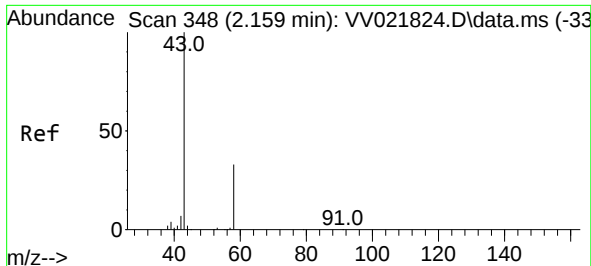
Ion Ratio Lower Upper

96 100

61 163.2 115.5 214.5

63 112.1 90.3 167.7

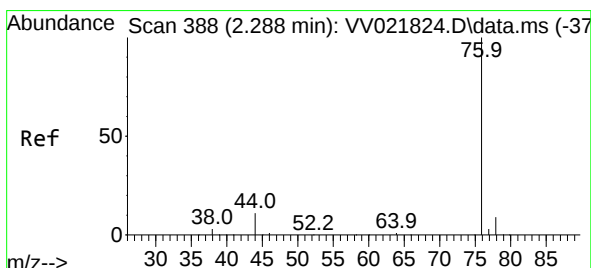
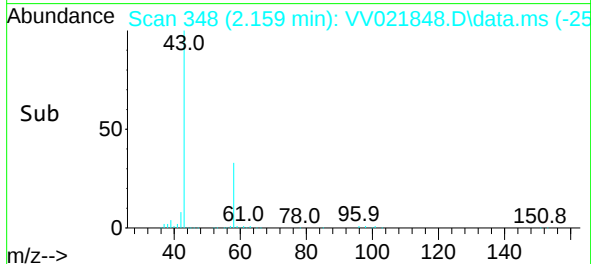
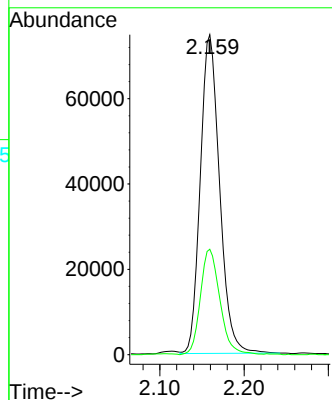
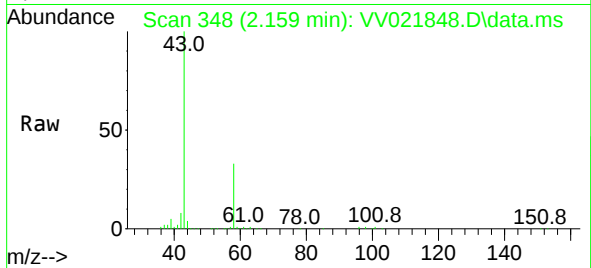




#13
Acetone
Concen: 73.442 ug/L
RT: 2.159 min Scan# 348
Delta R.T. -0.000 min
Lab File: VV021848.D
Acq: 18 Aug 2021 04:59

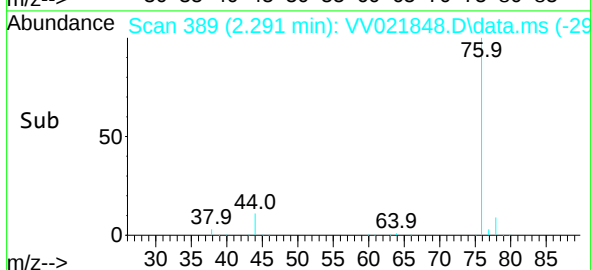
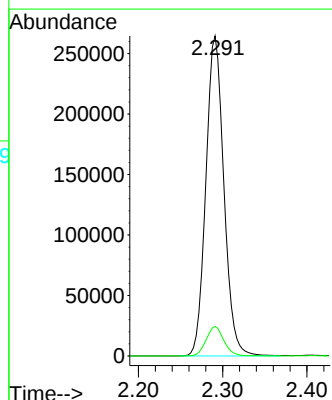
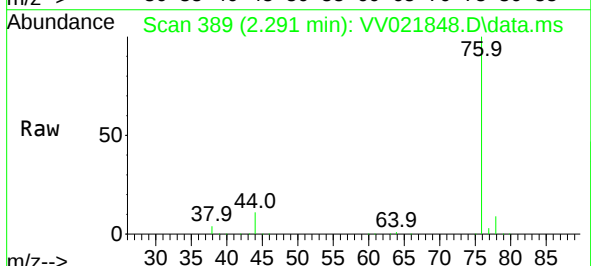
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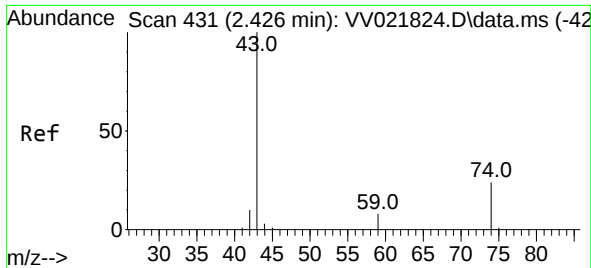
Tgt Ion: 43 Resp: 119023
Ion Ratio Lower Upper
43 100
58 33.5 0.0 0.0#



#14
Carbon disulfide
Concen: 48.945 ug/L
RT: 2.291 min Scan# 389
Delta R.T. 0.003 min
Lab File: VV021848.D
Acq: 18 Aug 2021 04:59

Tgt Ion: 76 Resp: 394355
Ion Ratio Lower Upper
76 100
78 9.3 7.5 11.3

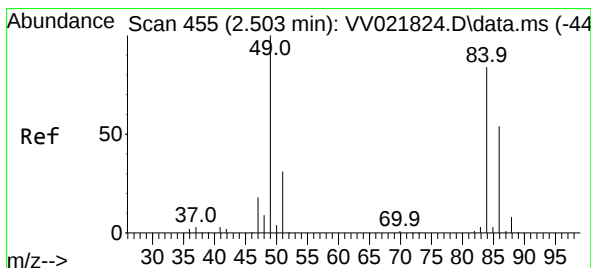
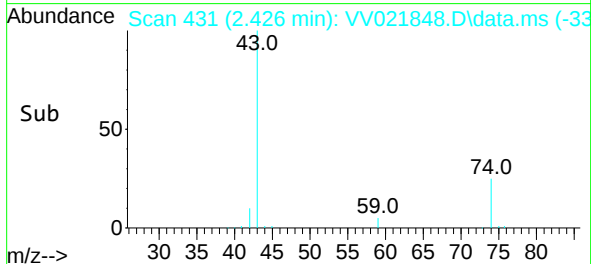
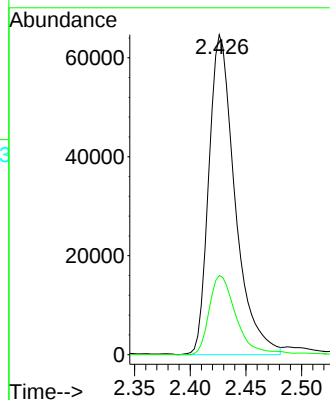
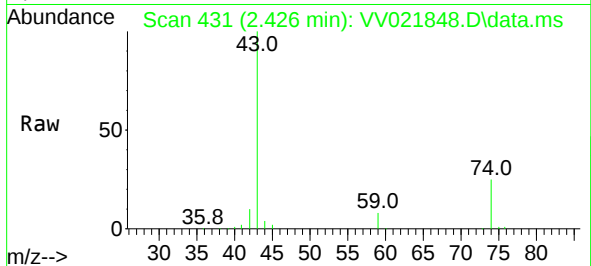




#15
Methyl Acetate
Concen: 35.536 ug/L
RT: 2.426 min Scan# 431
Delta R.T. -0.000 min
Lab File: VV021848.D
Acq: 18 Aug 2021 04:59

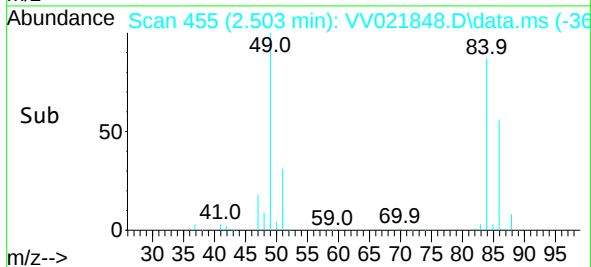
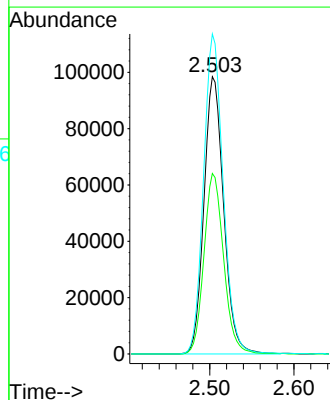
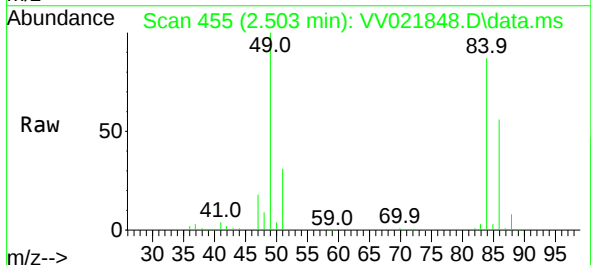
Instrument :
MSVOA_V
ClientSampled :

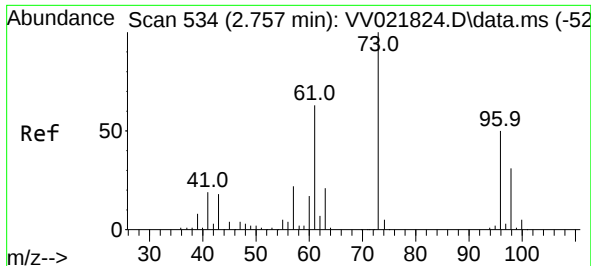
Tgt Ion: 43 Resp: 105800
Ion Ratio Lower Upper
43 100
74 25.4 19.0 28.6



#16
Methylene chloride
Concen: 48.187 ug/L
RT: 2.503 min Scan# 455
Delta R.T. -0.000 min
Lab File: VV021848.D
Acq: 18 Aug 2021 04:59

Tgt Ion: 84 Resp: 160501
Ion Ratio Lower Upper
84 100
86 65.1 44.7 83.1
49 115.4 82.5 153.3

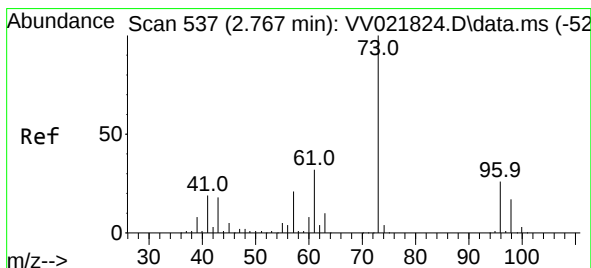
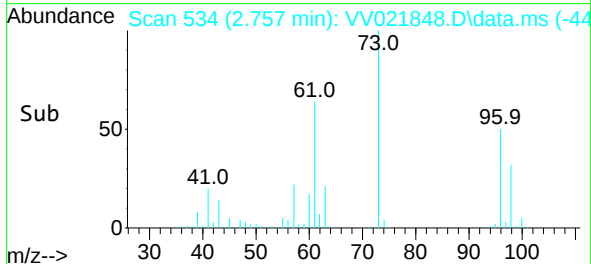
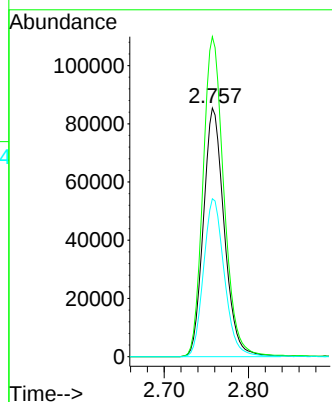
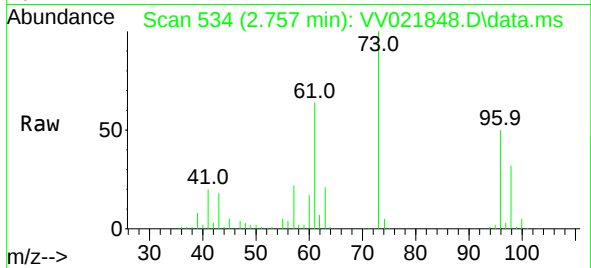




#17
trans-1,2-Dichloroethene
Concen: 52.298 ug/L
RT: 2.757 min Scan# 534
Delta R.T. -0.000 min
Lab File: VV021848.D
Acq: 18 Aug 2021 04:59

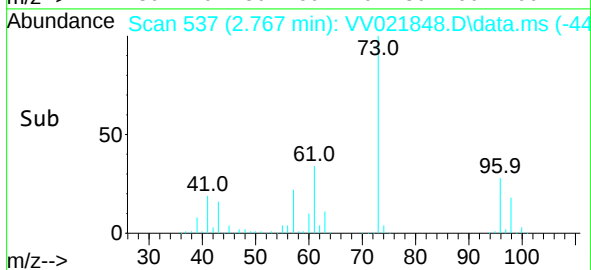
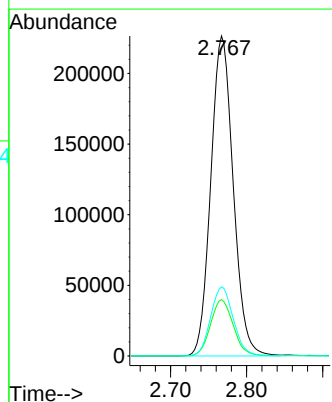
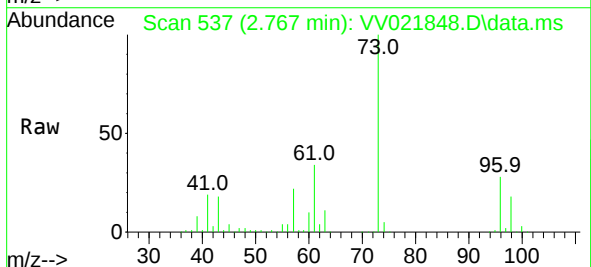
Instrument :
MSVOA_V
ClientSampleId :

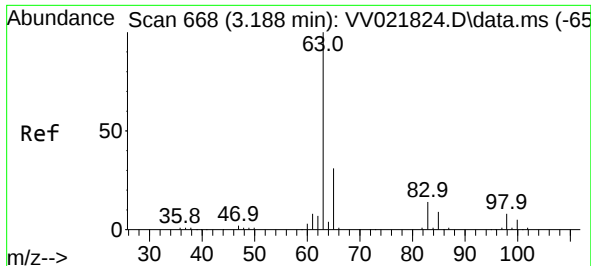
Tgt Ion: 96 Resp: 146952
Ion Ratio Lower Upper
96 100
61 128.7 90.4 168.0
98 63.5 44.4 82.5



#18
Methyl tert-butyl Ether
Concen: 53.730 ug/L
RT: 2.767 min Scan# 537
Delta R.T. -0.000 min
Lab File: VV021848.D
Acq: 18 Aug 2021 04:59

Tgt Ion: 73 Resp: 464316
Ion Ratio Lower Upper
73 100
43 17.7 14.2 21.4
57 21.9 17.7 26.5

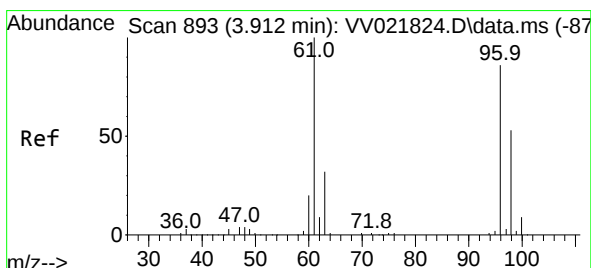
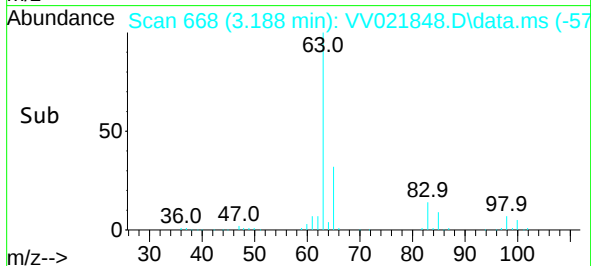
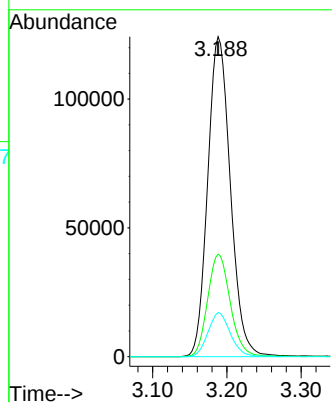
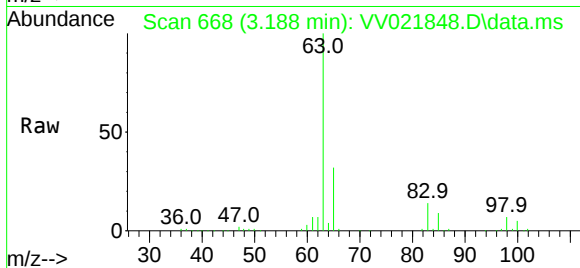




#19
1,1-Dichloroethane
Concen: 52.633 ug/L
RT: 3.188 min Scan# 668
Delta R.T. -0.000 min
Lab File: VV021848.D
Acq: 18 Aug 2021 04:59

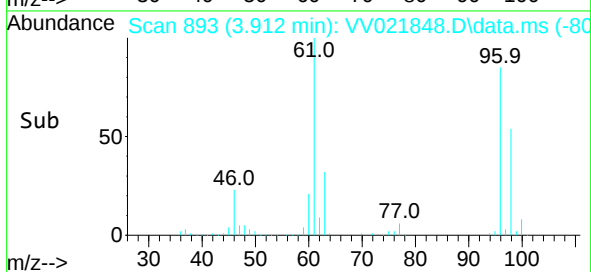
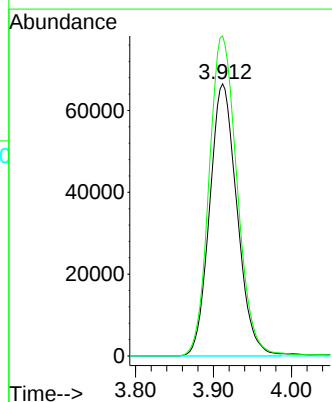
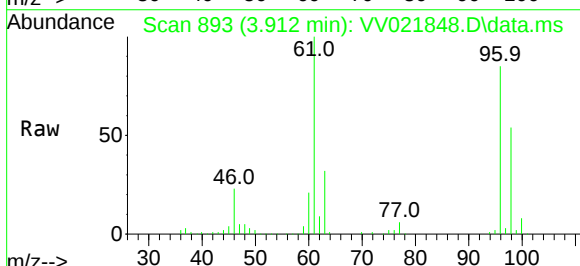
Instrument :
MSVOA_V
ClientSampleId :

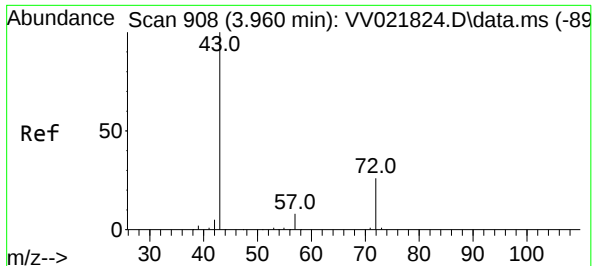
Tgt Ion:	63	Resp:	263264
Ion	Ratio	Lower	Upper
63	100		
65	32.1	21.8	40.6
83	13.8	9.6	17.8



#20
cis-1,2-Dichloroethene
Concen: 49.871 ug/L
RT: 3.912 min Scan# 893
Delta R.T. -0.000 min
Lab File: VV021848.D
Acq: 18 Aug 2021 04:59

Tgt Ion:	96	Resp:	162270
Ion	Ratio	Lower	Upper
96	100		
61	117.6	81.0	150.4
68	0.0	0.0	0.0

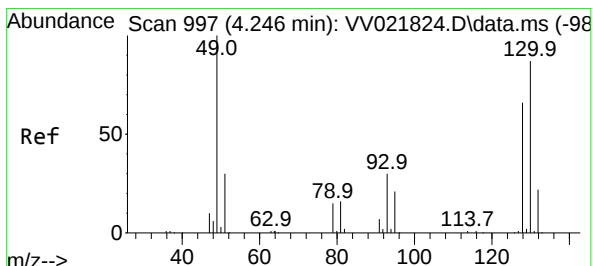
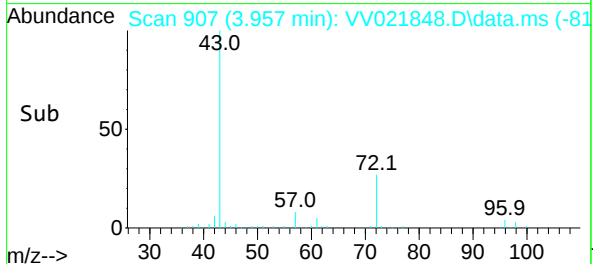
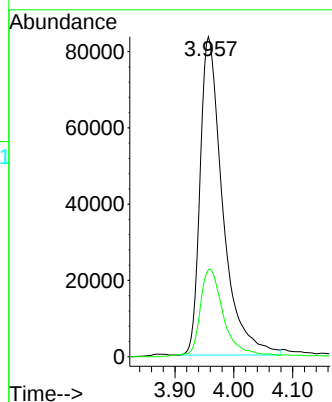
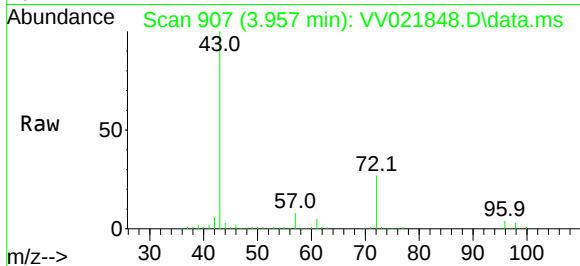




#22
2-Butanone
Concen: 94.710 ug/L
RT: 3.957 min Scan# 907
Delta R.T. -0.003 min
Lab File: VV021848.D
Acq: 18 Aug 2021 04:59

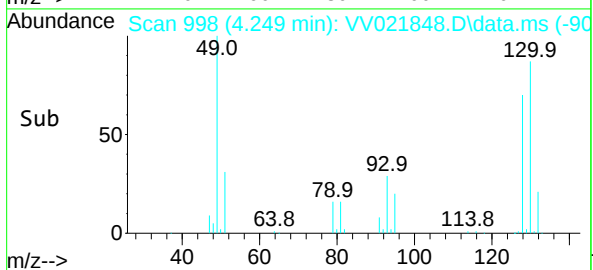
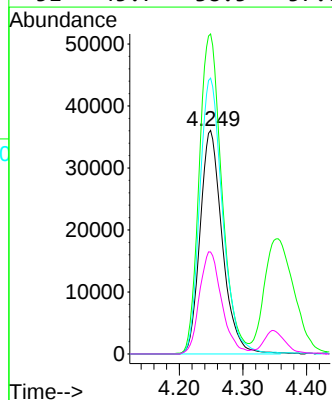
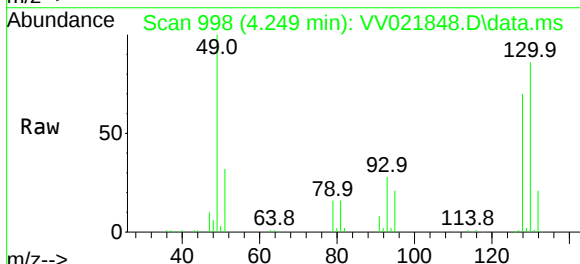
Instrument :
MSVOA_V
ClientSampled :

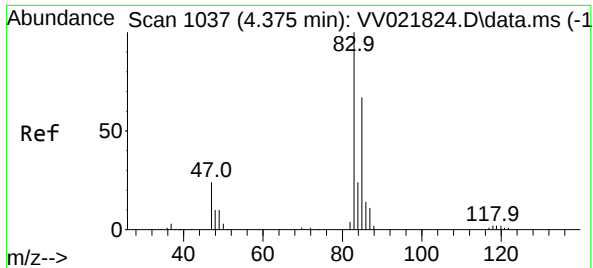
Tgt Ion: 43 Resp: 223531
Ion Ratio Lower Upper
43 100
72 28.3 13.6 40.8



#23
Bromochloromethane
Concen: 50.610 ug/L
RT: 4.249 min Scan# 998
Delta R.T. 0.003 min
Lab File: VV021848.D
Acq: 18 Aug 2021 04:59

Tgt Ion: 128 Resp: 87368
Ion Ratio Lower Upper
128 100
49 143.2 105.6 196.0
130 123.4 89.5 166.1
51 45.7 38.5 57.7

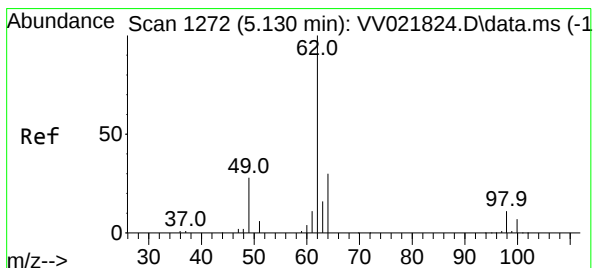
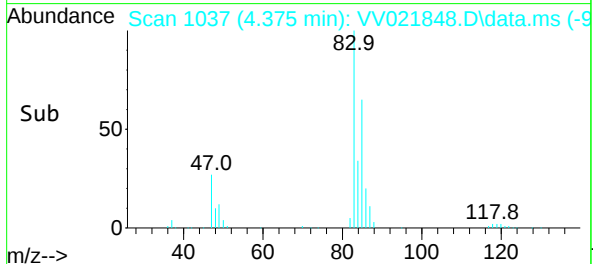
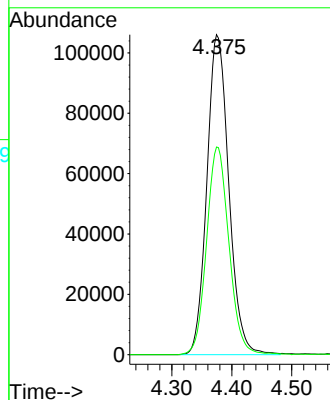
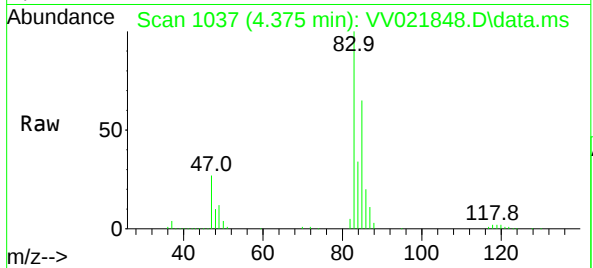




#25
Chloroform
Concen: 50.156 ug/L
RT: 4.375 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VV021848.D
Acq: 18 Aug 2021 04:59

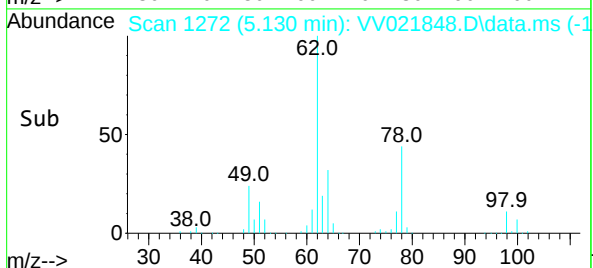
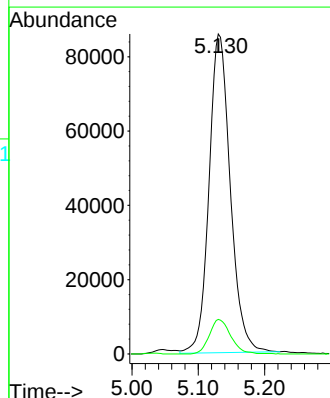
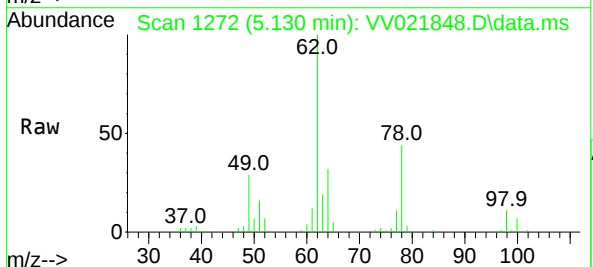
Instrument :
MSVOA_V
ClientSampled :

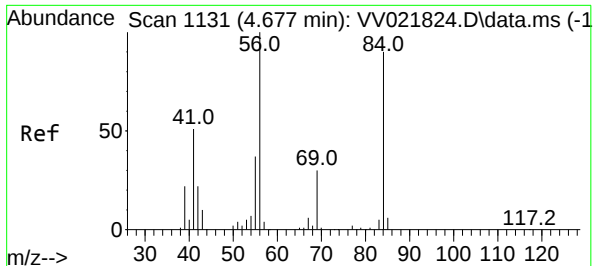
Tgt Ion: 83 Resp: 269940
Ion Ratio Lower Upper
83 100
85 64.9 44.8 83.2



#27
1,2-Dichloroethane
Concen: 50.414 ug/L
RT: 5.130 min Scan# 1272
Delta R.T. -0.000 min
Lab File: VV021848.D
Acq: 18 Aug 2021 04:59

Tgt Ion: 62 Resp: 191170
Ion Ratio Lower Upper
62 100
98 10.8 8.6 13.0





#29

Cyclohexane

Concen: 50.457 ug/L

RT: 4.680 min Scan# 1132

Delta R.T. 0.003 min

Lab File: VV021848.D

Acq: 18 Aug 2021 04:59

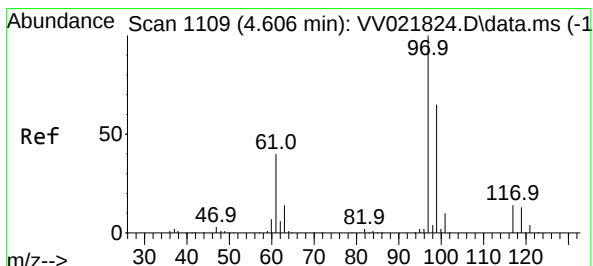
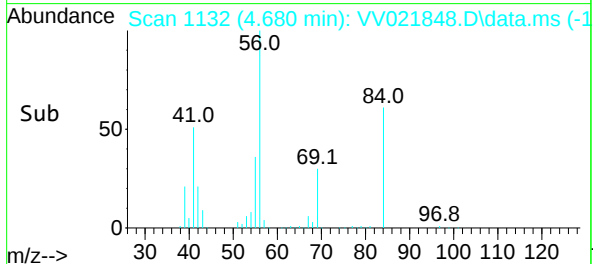
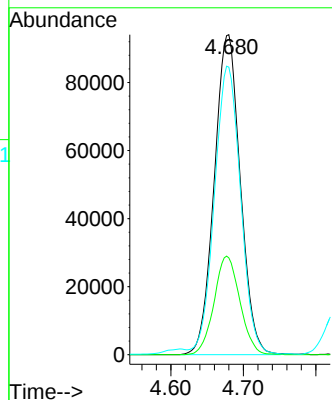
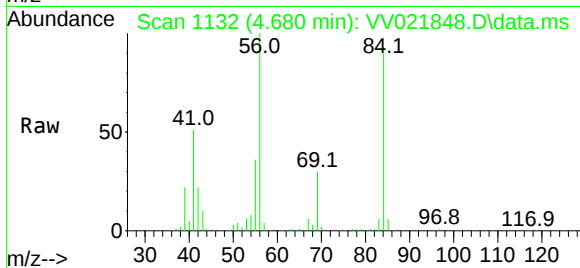
Tgt Ion: 56 Resp: 235059

Ion Ratio Lower Upper

56 100

69 30.5 24.9 37.3

84 90.2 72.6 109.0



#30

1,1,1-Trichloroethane

Concen: 50.035 ug/L

RT: 4.609 min Scan# 1110

Delta R.T. 0.003 min

Lab File: VV021848.D

Acq: 18 Aug 2021 04:59

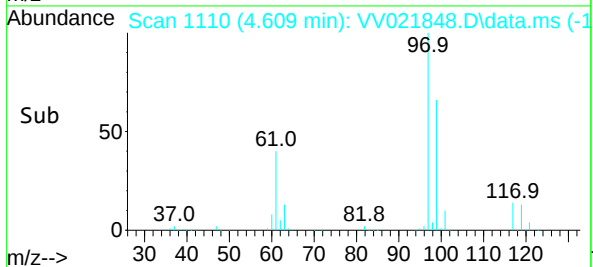
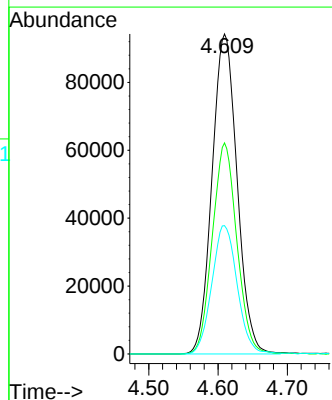
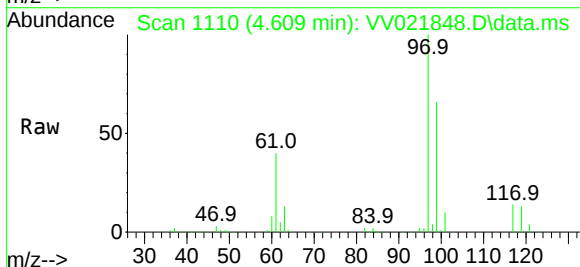
Tgt Ion: 97 Resp: 236826

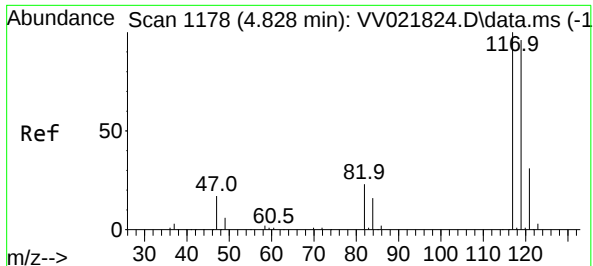
Ion Ratio Lower Upper

97 100

99 64.4 51.0 76.4

61 40.6 32.3 48.5

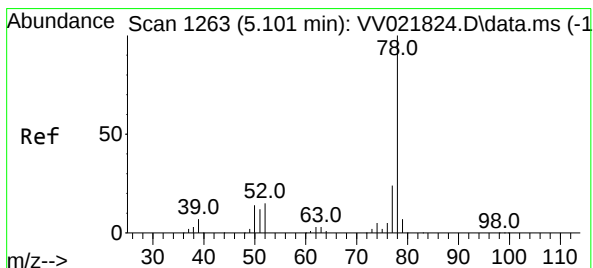
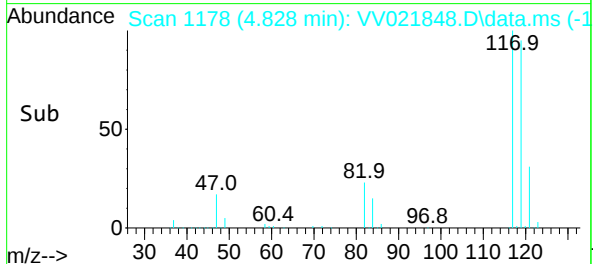
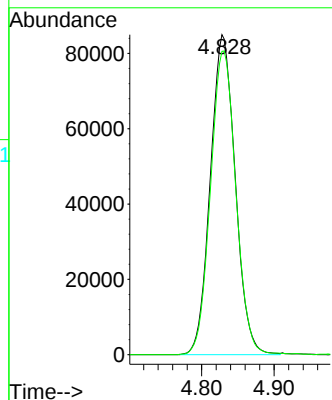
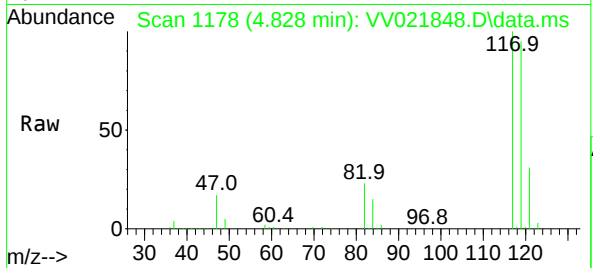




#31
Carbon tetrachloride
Concen: 49.469 ug/L
RT: 4.828 min Scan# 1178
Delta R.T. -0.000 min
Lab File: VV021848.D
Acq: 18 Aug 2021 04:59

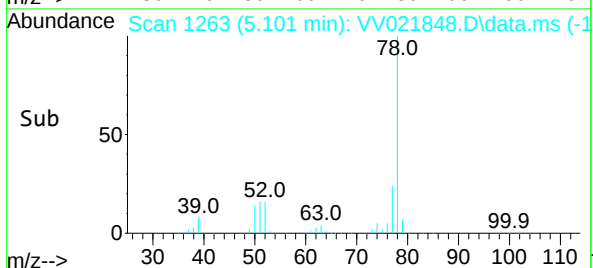
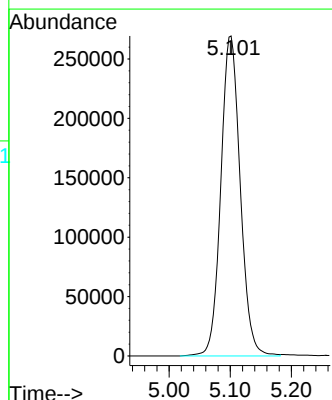
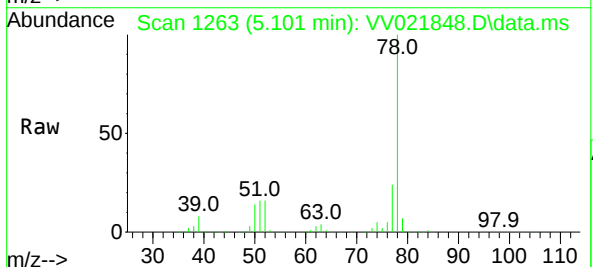
Instrument :
MSVOA_V
ClientSampled :

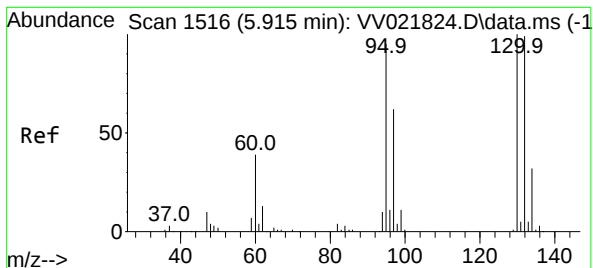
Tgt Ion:117 Resp: 202603
Ion Ratio Lower Upper
117 100
119 96.2 77.1 115.7



#33
Benzene
Concen: 50.980 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. -0.000 min
Lab File: VV021848.D
Acq: 18 Aug 2021 04:59

Tgt Ion: 78 Resp: 593415





#34

Trichloroethene

Concen: 46.431 ug/L

RT: 5.915 min Scan# 1516

Delta R.T. -0.000 min

Lab File: VV021848.D

Acq: 18 Aug 2021 04:59

Tgt Ion: 95 Resp: 155311

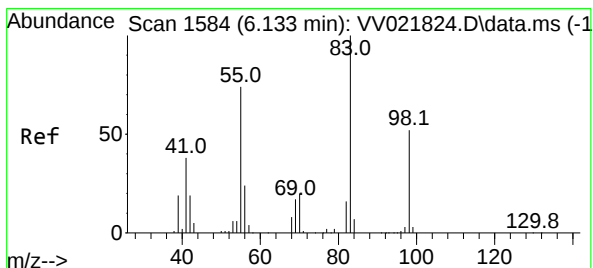
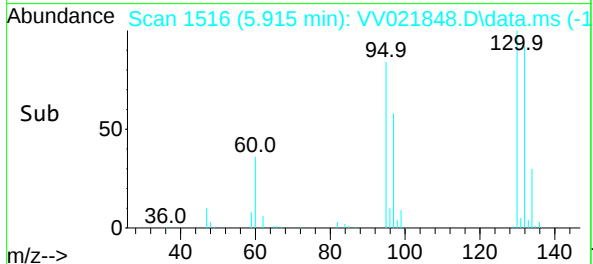
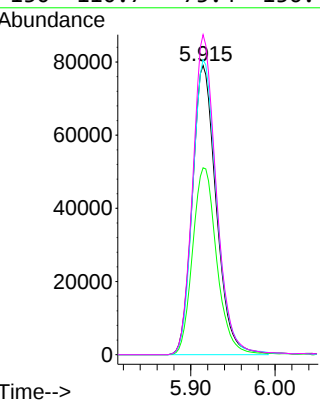
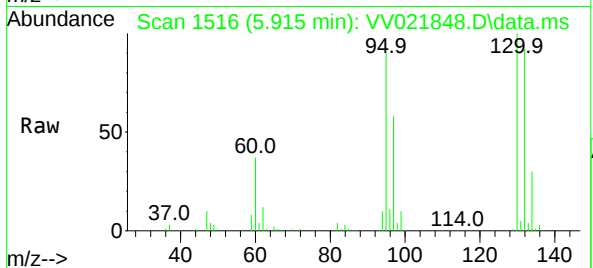
Ion Ratio Lower Upper

95 100

97 64.6 44.1 81.9

132 102.0 70.2 130.4

130 110.7 73.4 136.4



#35

Methylcyclohexane

Concen: 46.916 ug/L

RT: 6.133 min Scan# 1584

Delta R.T. -0.000 min

Lab File: VV021848.D

Acq: 18 Aug 2021 04:59

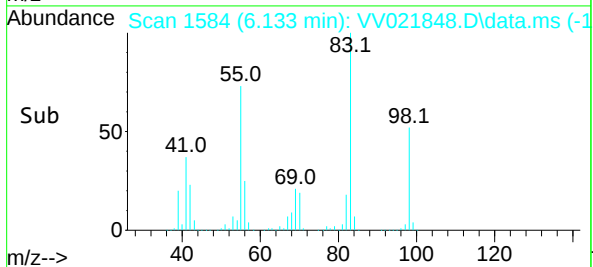
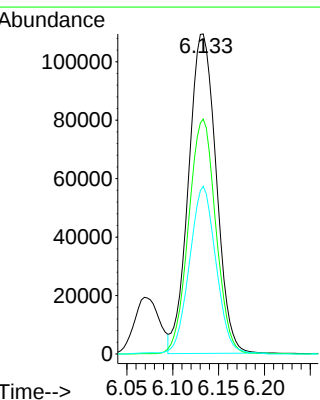
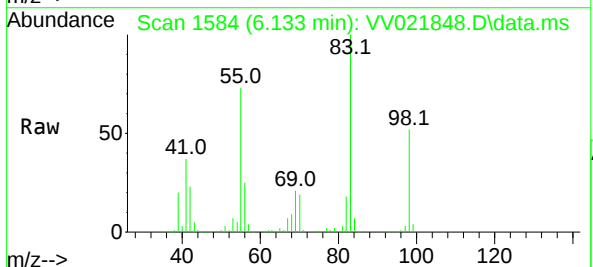
Tgt Ion: 83 Resp: 228952

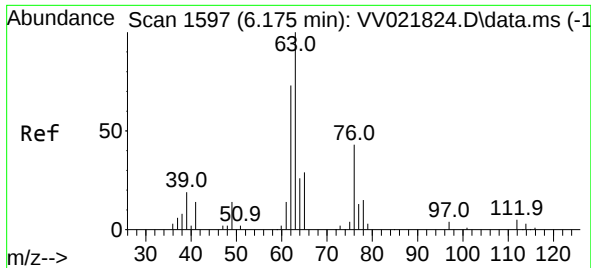
Ion Ratio Lower Upper

83 100

55 72.4 57.9 86.9

98 50.5 39.9 59.9

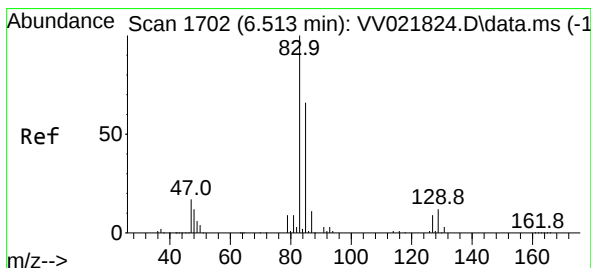
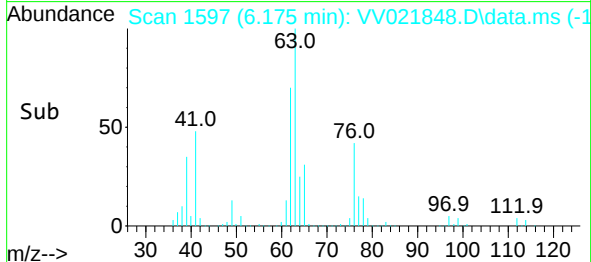
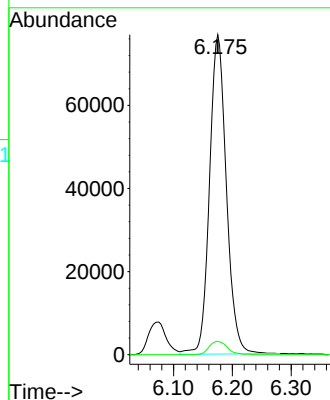
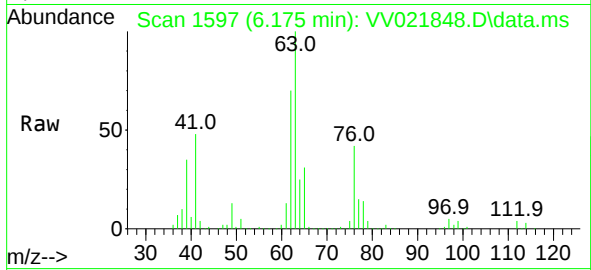




#37
1,2-Dichloropropane
Concen: 51.941 ug/L
RT: 6.175 min Scan# 1597
Delta R.T. -0.000 min
Lab File: VV021848.D
Acq: 18 Aug 2021 04:59

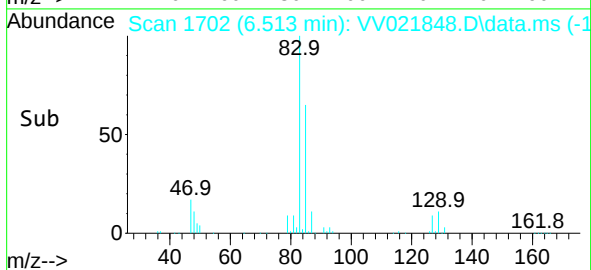
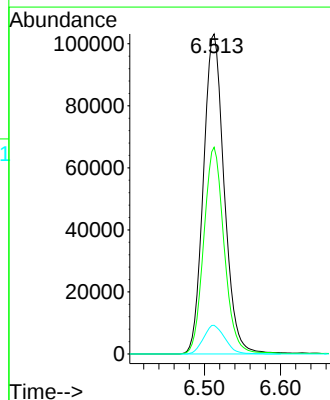
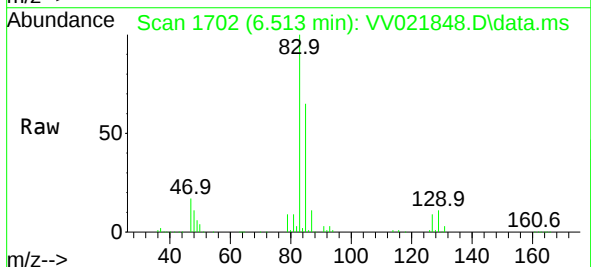
Instrument :
MSVOA_V
ClientSampled :

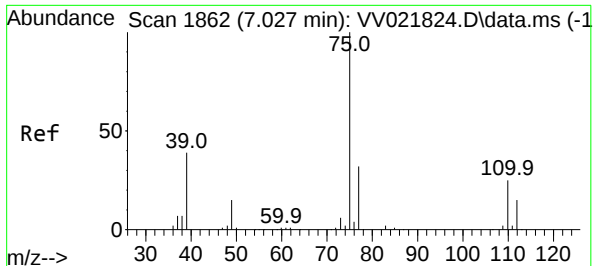
Tgt Ion: 63 Resp: 153090
Ion Ratio Lower Upper
63 100
112 4.5 3.8 5.6



#38
Bromodichloromethane
Concen: 50.367 ug/L
RT: 6.513 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VV021848.D
Acq: 18 Aug 2021 04:59

Tgt Ion: 83 Resp: 195662
Ion Ratio Lower Upper
83 100
85 64.6 45.7 84.9
127 8.9 7.4 11.2

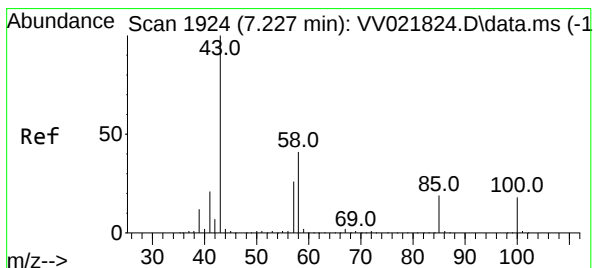
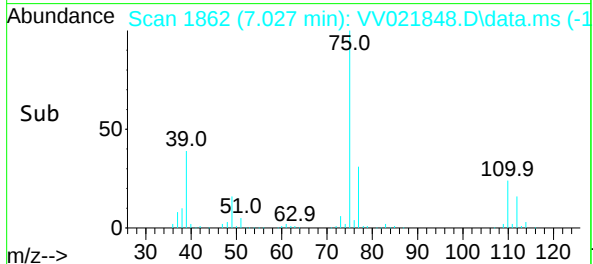
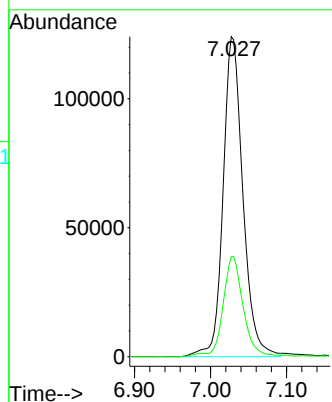
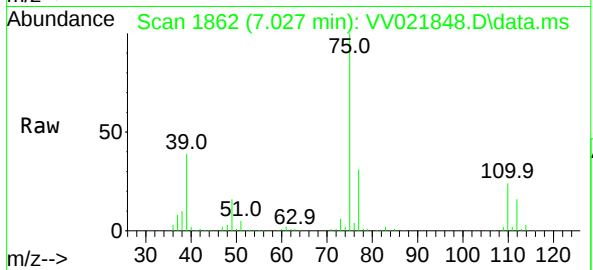




#39
 cis-1,3-Dichloropropene
 Concen: 48.075 ug/L
 RT: 7.027 min Scan# 1862
 Delta R.T. -0.000 min
 Lab File: VV021848.D
 Acq: 18 Aug 2021 04:59

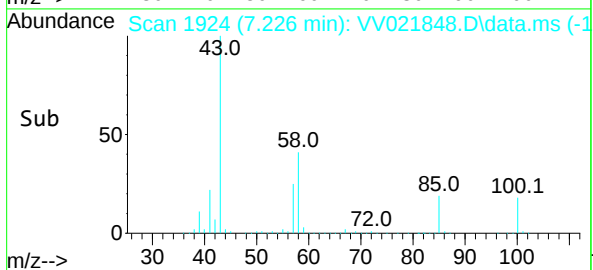
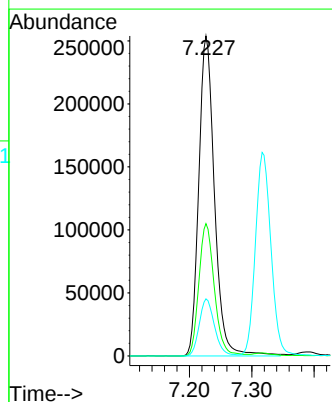
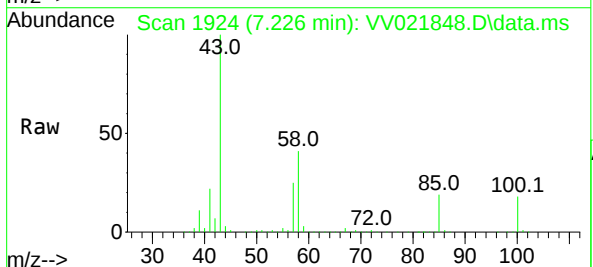
Instrument :
 MSVOA_V
 ClientSampled :

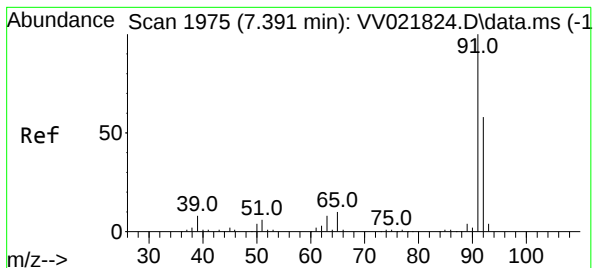
Tgt Ion: 75 Resp: 224375
 Ion Ratio Lower Upper
 75 100
 77 31.2 22.5 41.9



#40
 4-Methyl-2-pentanone
 Concen: 109.482 ug/L
 RT: 7.226 min Scan# 1924
 Delta R.T. -0.000 min
 Lab File: VV021848.D
 Acq: 18 Aug 2021 04:59

Tgt Ion: 43 Resp: 443881
 Ion Ratio Lower Upper
 43 100
 58 40.8 32.9 49.3
 100 17.4 14.0 21.0





#42

Toluene

Concen: 50.929 ug/L

RT: 7.390 min Scan# 1975

Delta R.T. -0.000 min

Lab File: VV021848.D

Acq: 18 Aug 2021 04:59

Tgt Ion: 91 Resp: 633154

Ion Ratio Lower Upper

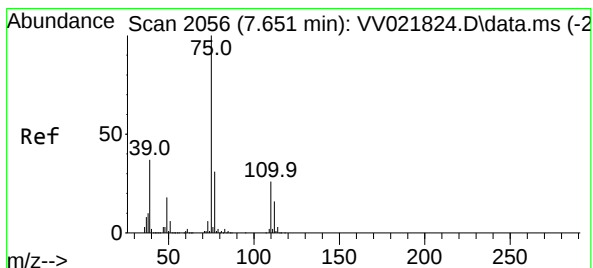
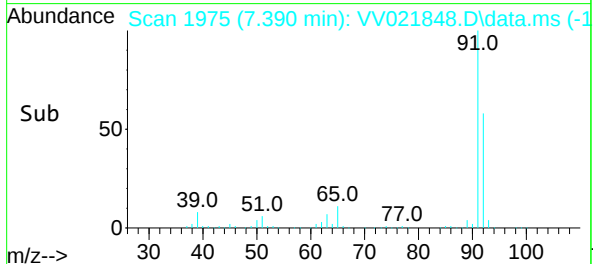
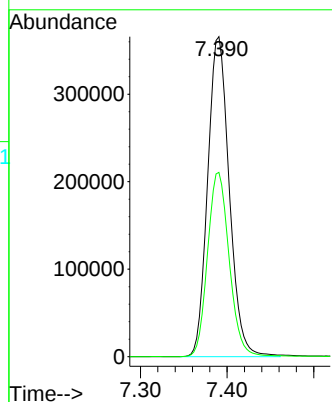
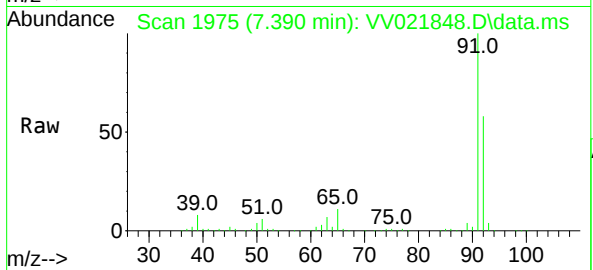
91 100

92 57.6 40.1 74.5

Instrument :

MSVOA_V

ClientSampled :



#44

trans-1,3-Dichloropropene

Concen: 48.344 ug/L

RT: 7.651 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VV021848.D

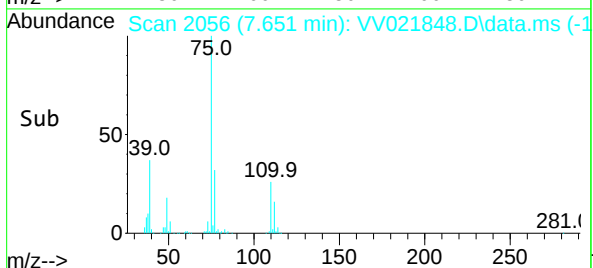
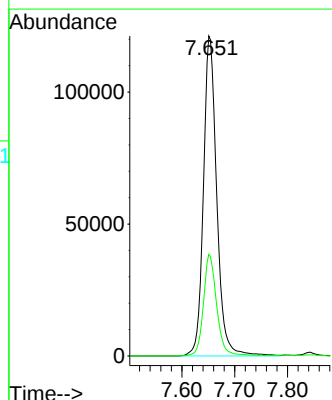
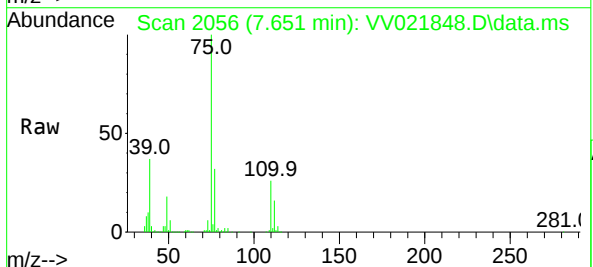
Acq: 18 Aug 2021 04:59

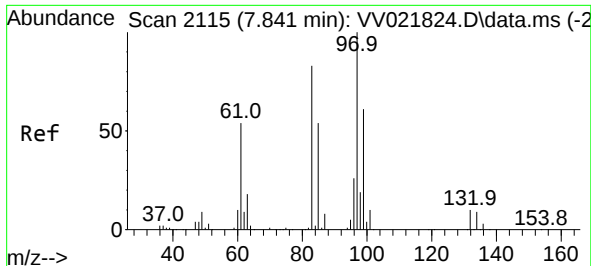
Tgt Ion: 75 Resp: 212630

Ion Ratio Lower Upper

75 100

77 31.7 22.2 41.2





#45

1,1,2-Trichloroethane

Concen: 52.411 ug/L

RT: 7.841 min Scan# 2115

Delta R.T. -0.000 min

Lab File: VV021848.D

Acq: 18 Aug 2021 04:59

Tgt Ion: 97 Resp: 154747

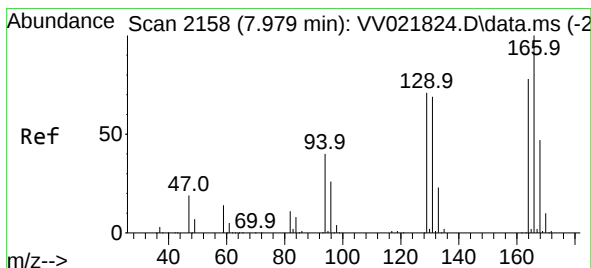
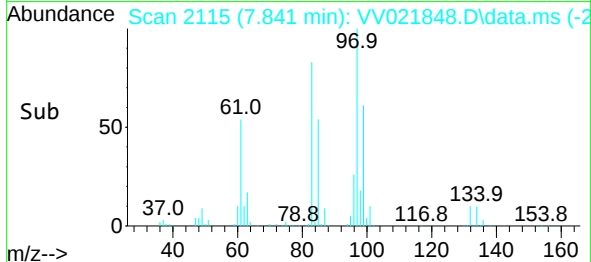
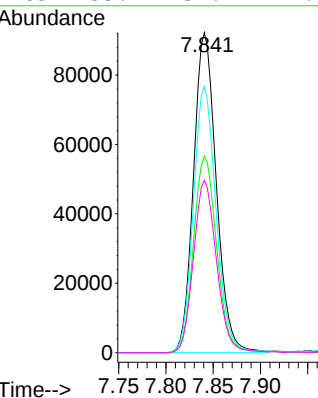
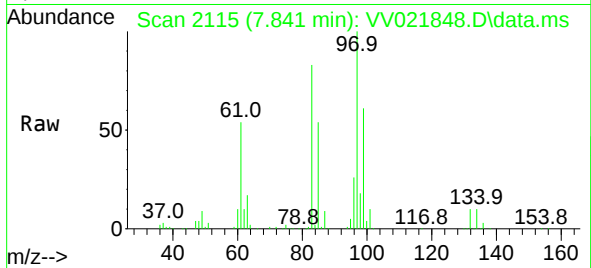
Ion Ratio Lower Upper

97 100

99 61.3 44.2 82.0

83 83.2 59.2 110.0

85 53.9 39.2 72.8



#46

Tetrachloroethene

Concen: 48.501 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. -0.000 min

Lab File: VV021848.D

Acq: 18 Aug 2021 04:59

Tgt Ion: 164 Resp: 120571

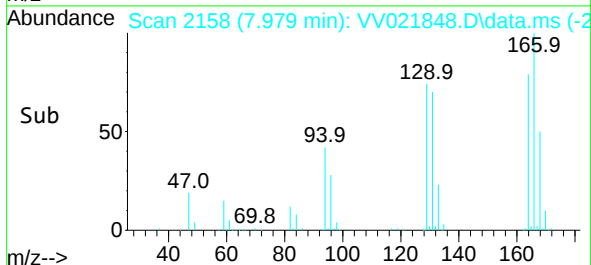
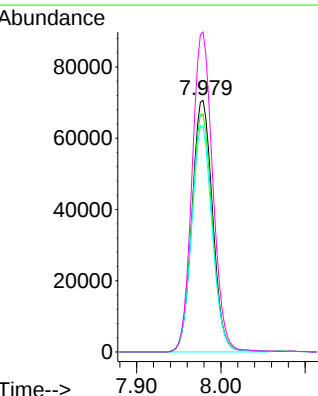
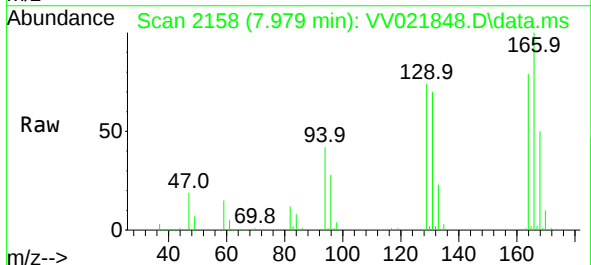
Ion Ratio Lower Upper

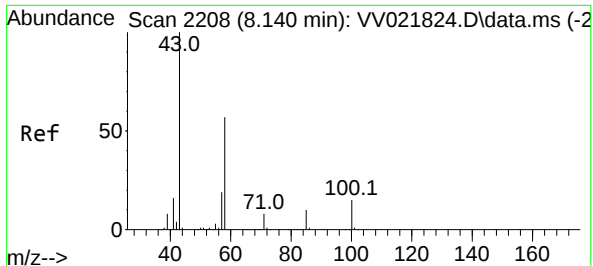
164 100

129 94.4 63.7 118.3

131 89.5 61.5 114.3

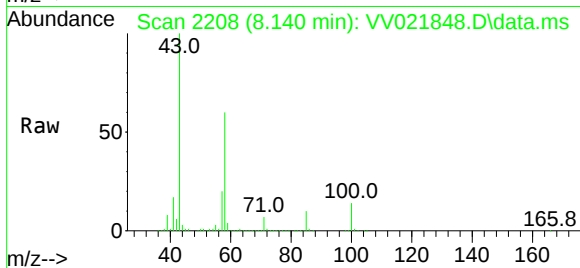
166 127.2 88.6 164.6



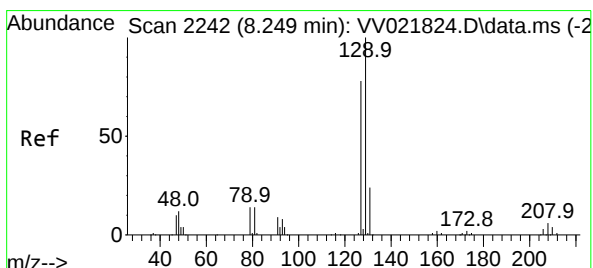
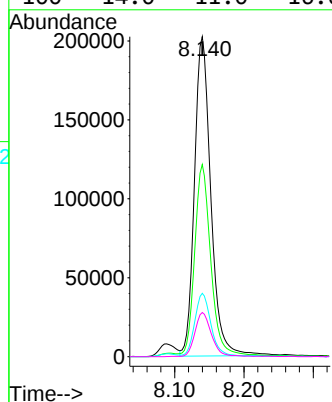
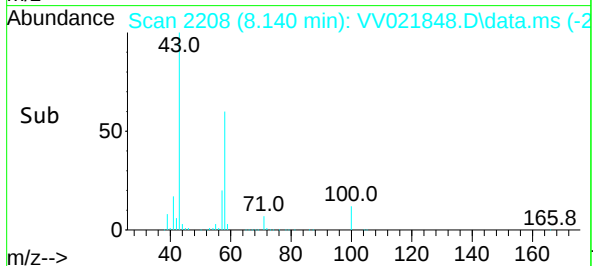


#48
2-Hexanone
Concen: 106.512 ug/L
RT: 8.140 min Scan# 2208
Delta R.T. -0.000 min
Lab File: VV021848.D
Acq: 18 Aug 2021 04:59

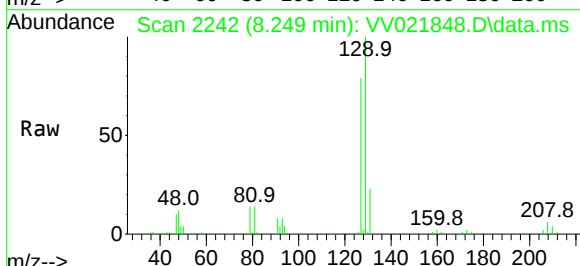
Instrument :
MSVOA_V
ClientSampleId :



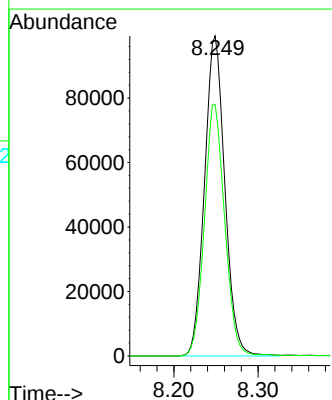
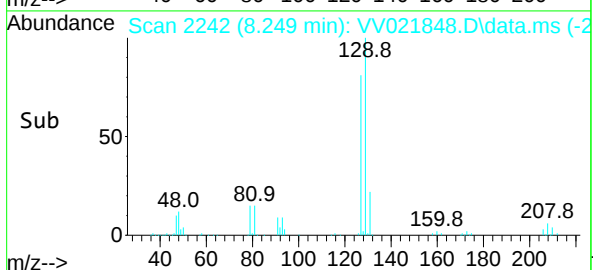
Tgt Ion: 43 Resp: 334505
Ion Ratio Lower Upper
43 100
58 57.7 45.4 68.2
57 19.2 15.3 22.9
100 14.0 11.0 16.6

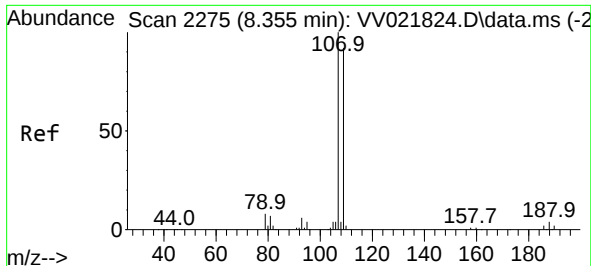


#49
Dibromochloromethane
Concen: 51.136 ug/L
RT: 8.249 min Scan# 2242
Delta R.T. -0.000 min
Lab File: VV021848.D
Acq: 18 Aug 2021 04:59



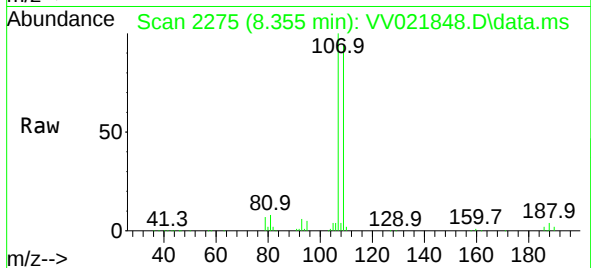
Tgt Ion: 129 Resp: 166700
Ion Ratio Lower Upper
129 100
127 78.6 54.9 101.9



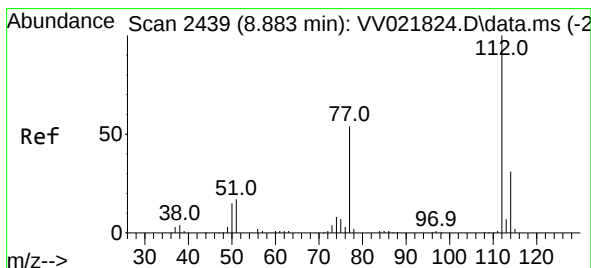
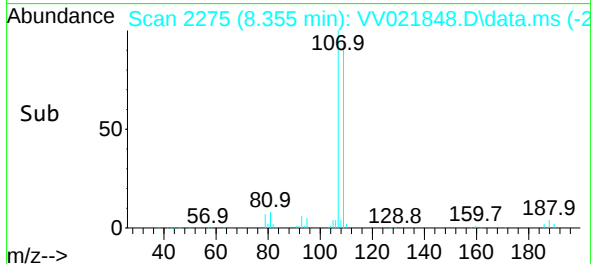
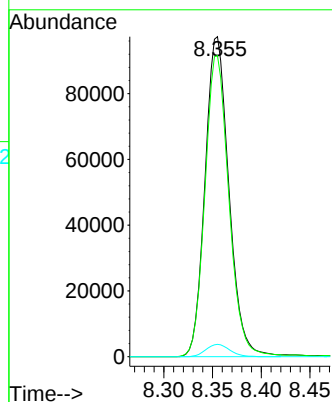


#50
1,2-Dibromoethane
Concen: 51.518 ug/L
RT: 8.355 min Scan# 2275
Delta R.T. -0.000 min
Lab File: VV021848.D
Acq: 18 Aug 2021 04:59

Instrument :
MSVOA_V
ClientSampled :

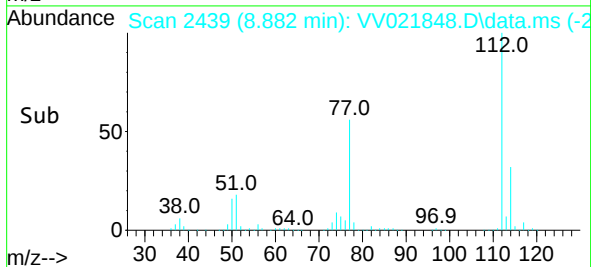
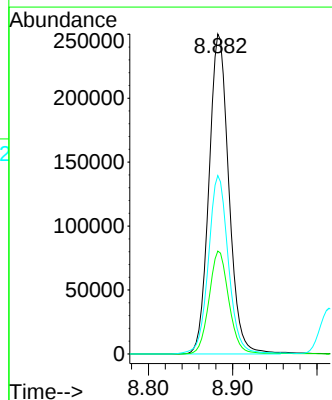
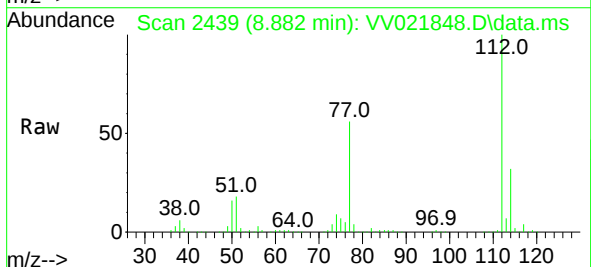


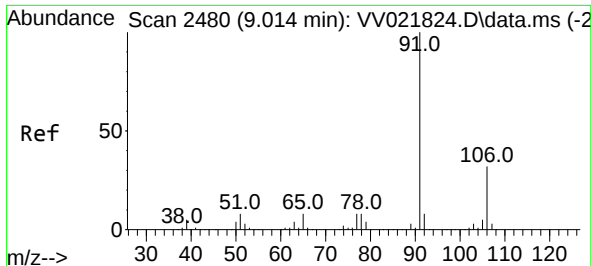
Tgt Ion:107 Resp: 165534
Ion Ratio Lower Upper
107 100
109 94.1 66.3 123.1
188 3.9 3.0 4.4



#51
Chlorobenzene
Concen: 50.527 ug/L
RT: 8.882 min Scan# 2439
Delta R.T. -0.000 min
Lab File: VV021848.D
Acq: 18 Aug 2021 04:59

Tgt Ion:112 Resp: 410130
Ion Ratio Lower Upper
112 100
114 32.2 22.2 41.2
77 55.8 43.7 65.5

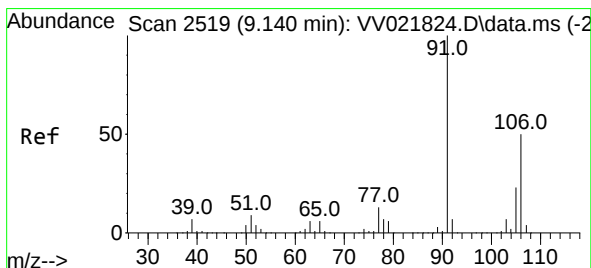
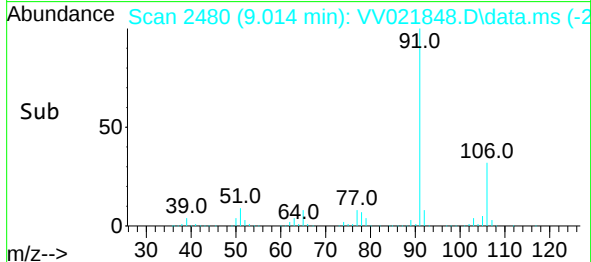
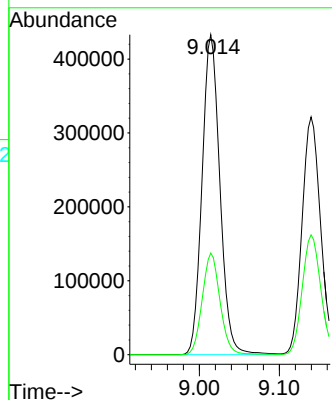
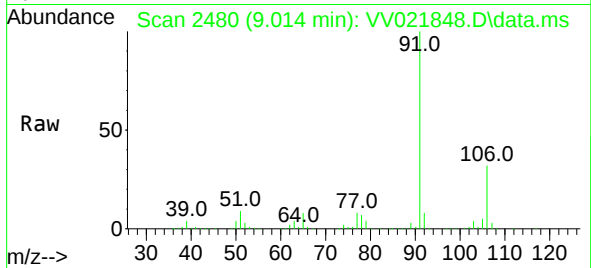




#52
Ethylbenzene
Concen: 50.836 ug/L
RT: 9.014 min Scan# 2480
Delta R.T. -0.000 min
Lab File: VV021848.D
Acq: 18 Aug 2021 04:59

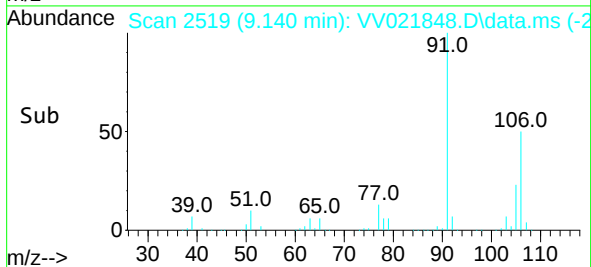
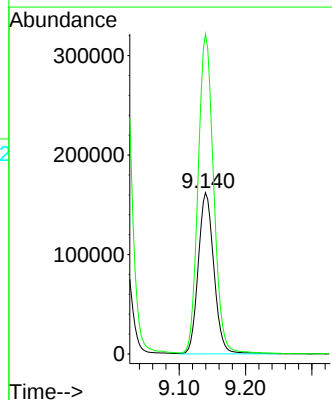
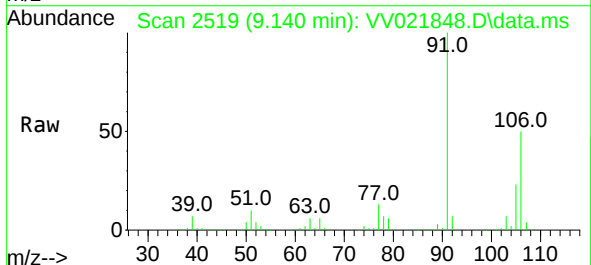
Instrument :
MSVOA_V
ClientSampled :

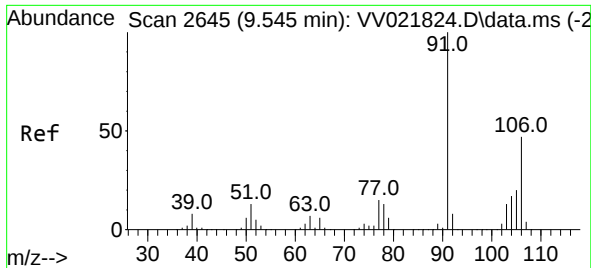
Tgt Ion: 91 Resp: 674245
Ion Ratio Lower Upper
91 100
106 31.8 22.2 41.2



#53
m,p-Xylene
Concen: 51.650 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. -0.000 min
Lab File: VV021848.D
Acq: 18 Aug 2021 04:59

Tgt Ion: 106 Resp: 265495
Ion Ratio Lower Upper
106 100
91 198.5 139.2 258.6

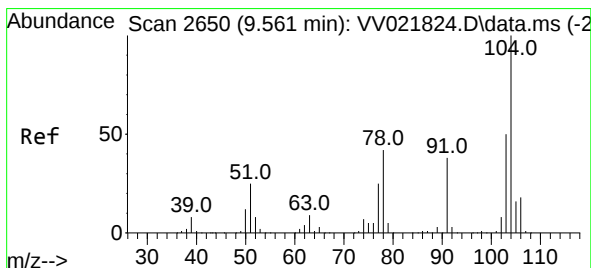
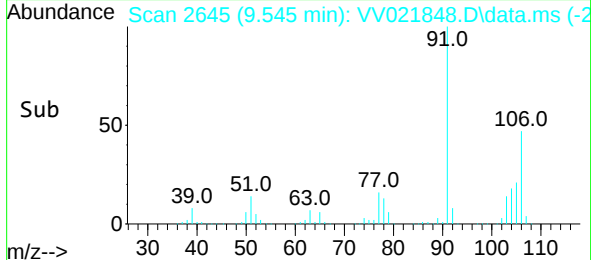
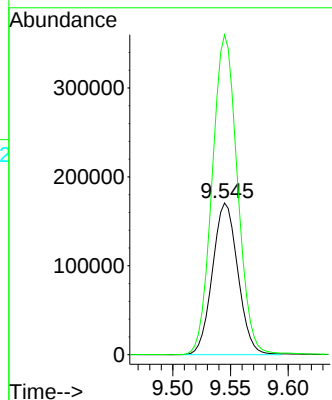
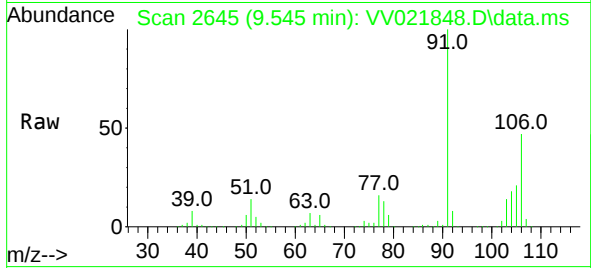




#54
o-Xylene
Concen: 51.206 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. -0.000 min
Lab File: VV021848.D
Acq: 18 Aug 2021 04:59

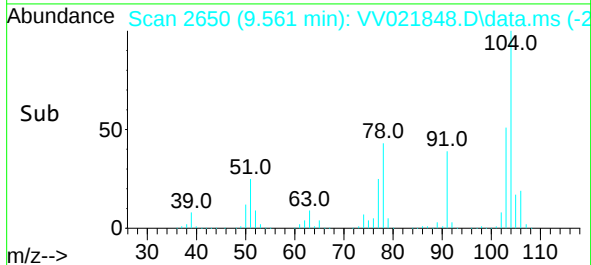
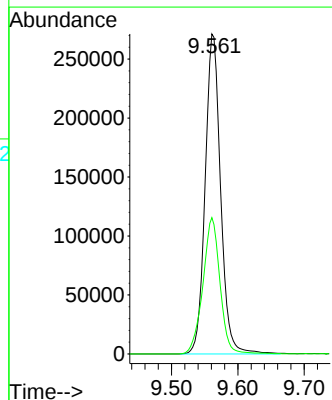
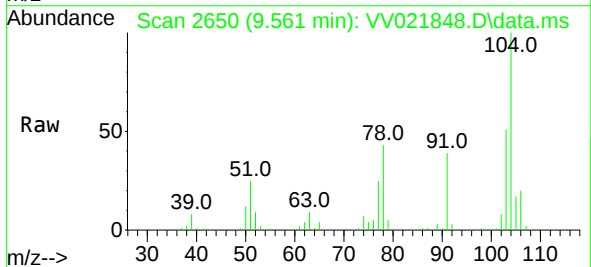
Instrument :
MSVOA_V
ClientSampled :

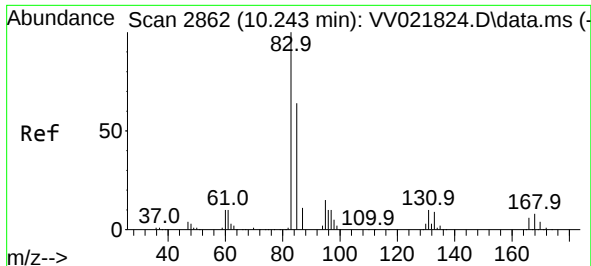
Tgt Ion:106 Resp: 260906
Ion Ratio Lower Upper
106 100
91 210.9 148.1 275.0



#55
Styrene
Concen: 51.669 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. -0.000 min
Lab File: VV021848.D
Acq: 18 Aug 2021 04:59

Tgt Ion:104 Resp: 440856
Ion Ratio Lower Upper
104 100
78 42.6 30.2 56.2

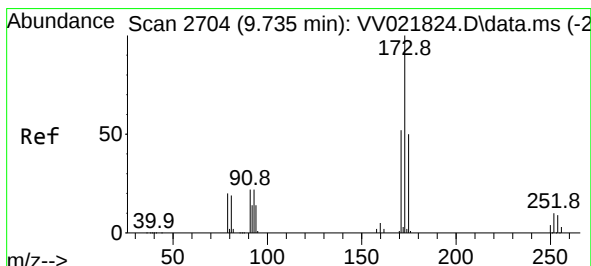
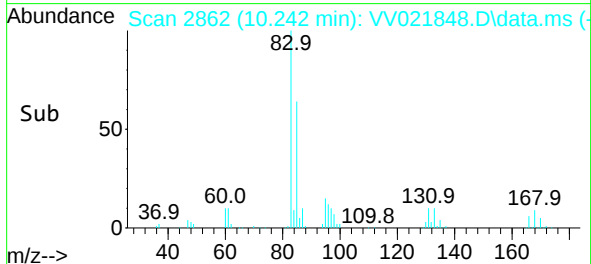
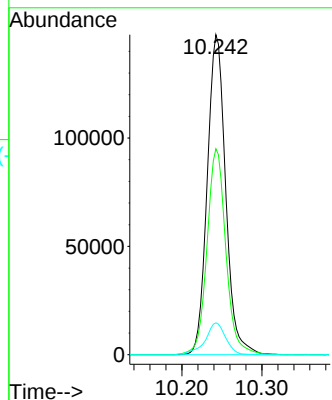
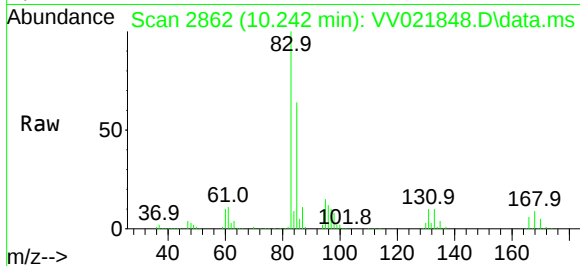




#57
 1,1,2,2-Tetrachloroethane
 Concen: 57.614 ug/L
 RT: 10.242 min Scan# 2862
 Delta R.T. -0.000 min
 Lab File: VV021848.D
 Acq: 18 Aug 2021 04:59

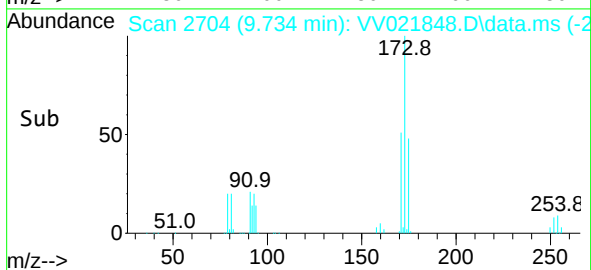
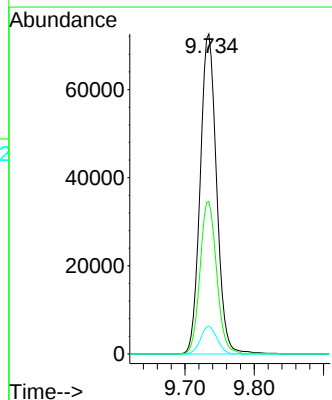
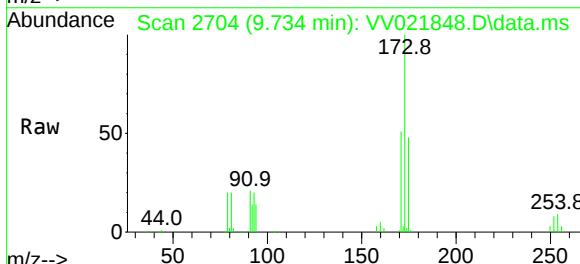
Instrument :
 MSVOA_V
 ClientSampleId :

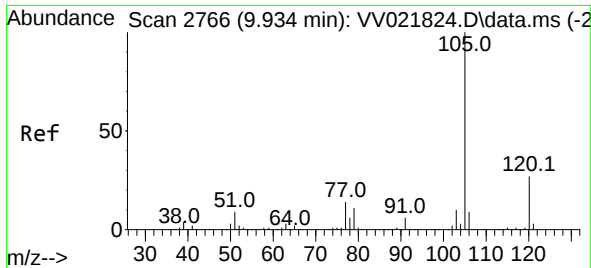
Tgt Ion:	83	Resp:	236815
Ion	Ratio	Lower	Upper
83	100		
85	64.4	44.4	82.5
131	10.0	7.9	11.9



#59
 Bromoform
 Concen: 51.501 ug/L
 RT: 9.734 min Scan# 2704
 Delta R.T. -0.000 min
 Lab File: VV021848.D
 Acq: 18 Aug 2021 04:59

Tgt Ion:	173	Resp:	119447
Ion	Ratio	Lower	Upper
173	100		
175	48.2	38.6	58.0
254	8.7	7.2	10.8

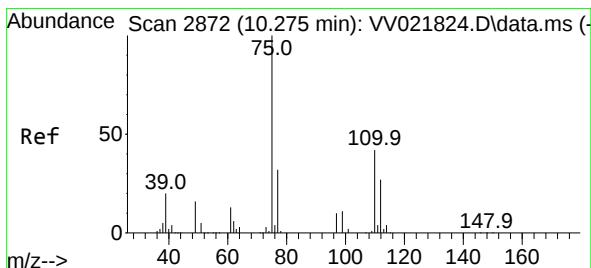
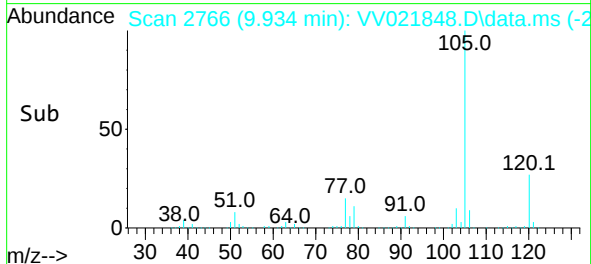
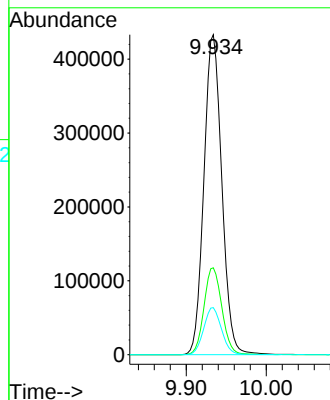
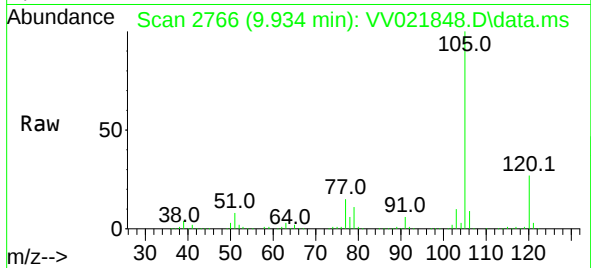




#60
Isopropylbenzene
Concen: 51.687 ug/L
RT: 9.934 min Scan# 2766
Delta R.T. -0.000 min
Lab File: VV021848.D
Acq: 18 Aug 2021 04:59

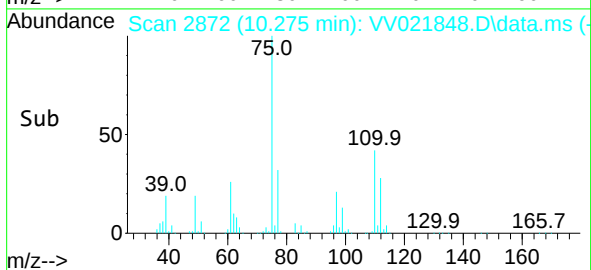
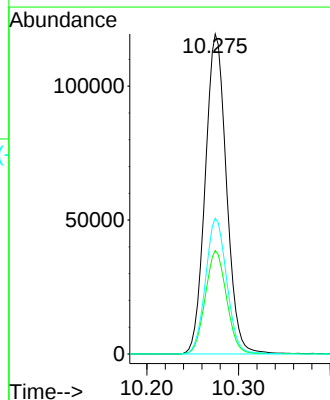
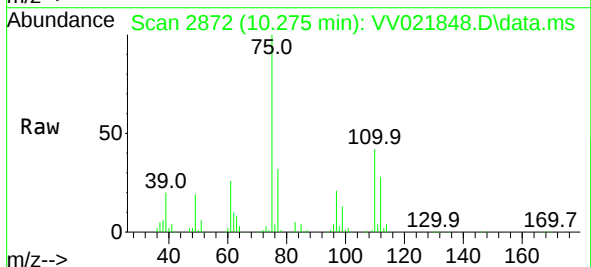
Instrument :
MSVOA_V
ClientSampled :

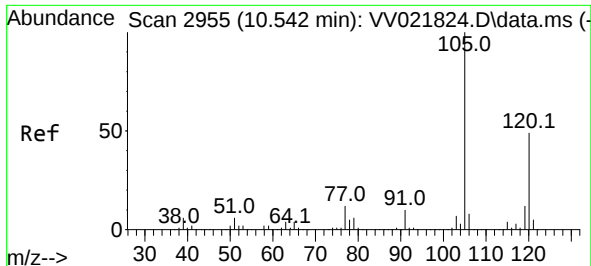
Tgt Ion:105 Resp: 676088
Ion Ratio Lower Upper
105 100
120 27.1 21.3 31.9
77 14.5 11.8 17.8



#61
1,2,3-Trichloropropane
Concen: 53.262 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. -0.000 min
Lab File: VV021848.D
Acq: 18 Aug 2021 04:59

Tgt Ion: 75 Resp: 192040
Ion Ratio Lower Upper
75 100
77 32.3 25.5 38.3
110 42.3 33.4 50.2

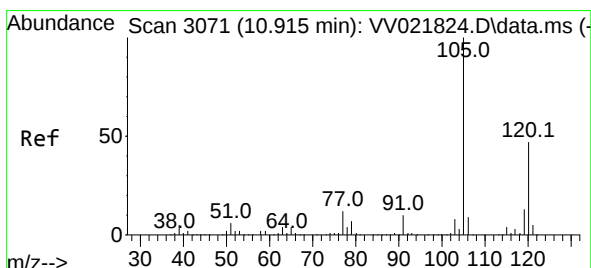
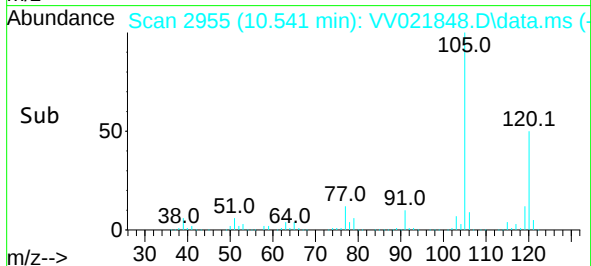
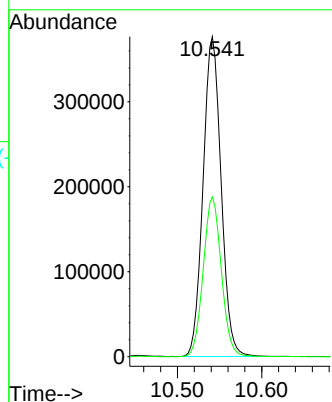
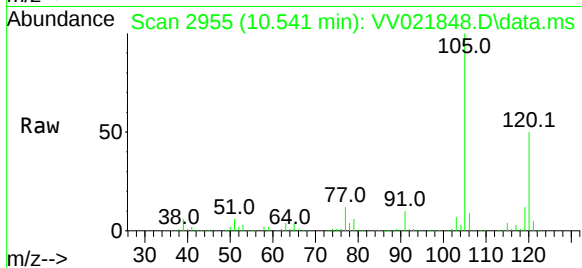




#62
1,3,5-Trimethylbenzene
Concen: 51.224 ug/L
RT: 10.541 min Scan# 2955
Delta R.T. -0.000 min
Lab File: VV021848.D
Acq: 18 Aug 2021 04:59

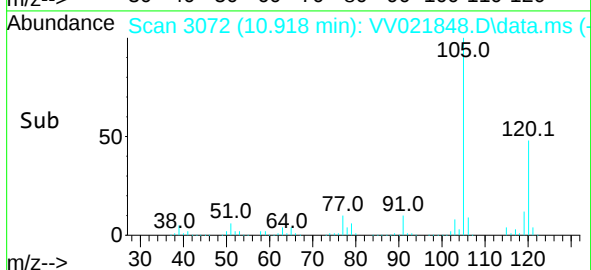
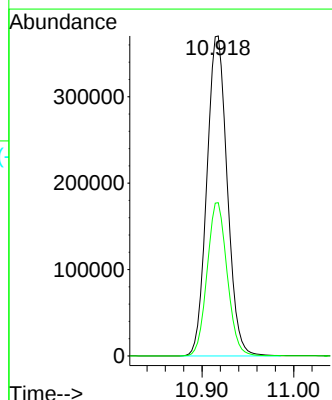
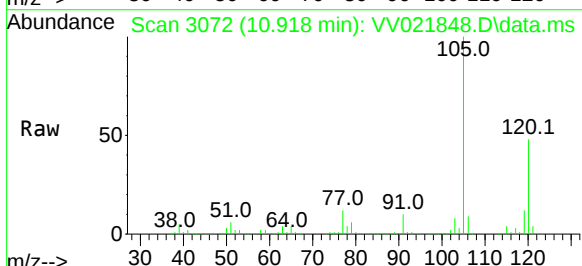
Instrument :
MSVOA_V
ClientSampled :

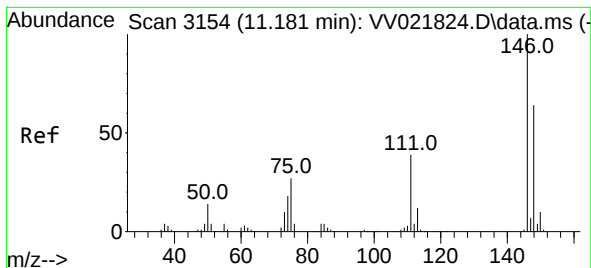
Tgt Ion:105 Resp: 562277
Ion Ratio Lower Upper
105 100
120 50.2 40.2 60.4



#63
1,2,4-Trimethylbenzene
Concen: 51.297 ug/L
RT: 10.918 min Scan# 3072
Delta R.T. 0.003 min
Lab File: VV021848.D
Acq: 18 Aug 2021 04:59

Tgt Ion:105 Resp: 572514
Ion Ratio Lower Upper
105 100
120 47.2 37.3 55.9

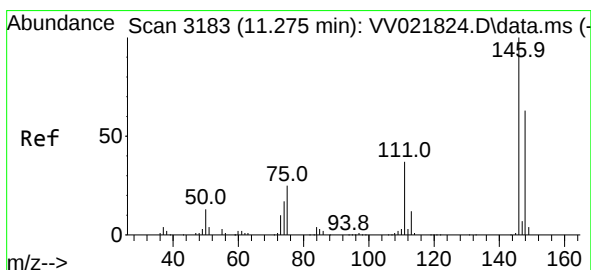
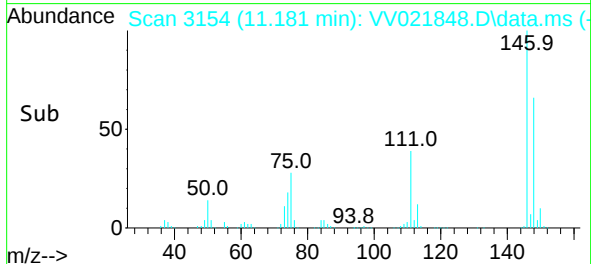
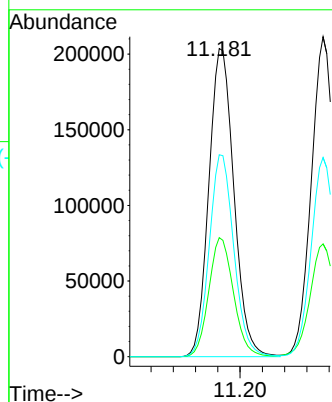
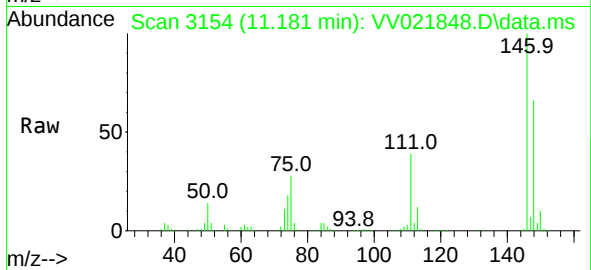




#64
1,3-Dichlorobenzene
Concen: 50.252 ug/L
RT: 11.181 min Scan# 3154
Delta R.T. -0.000 min
Lab File: VV021848.D
Acq: 18 Aug 2021 04:59

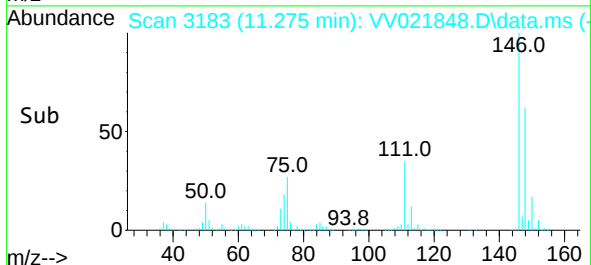
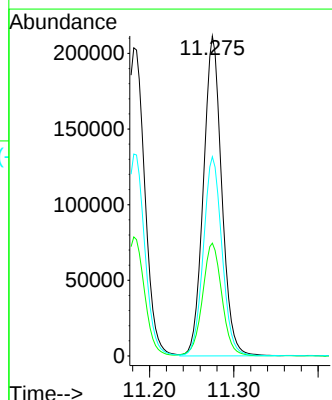
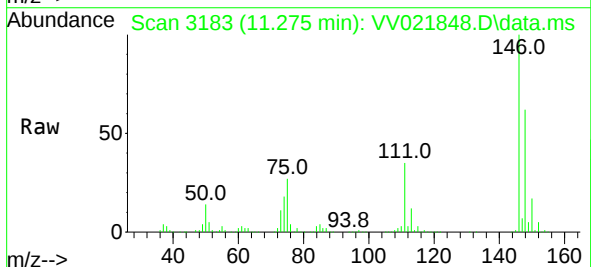
Instrument :
MSVOA_V
ClientSampleId :

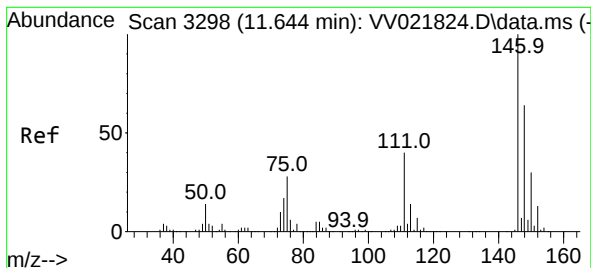
Tgt Ion:146 Resp: 318320
Ion Ratio Lower Upper
146 100
111 38.6 26.5 49.1
148 65.5 44.3 82.3



#65
1,4-Dichlorobenzene
Concen: 50.697 ug/L
RT: 11.275 min Scan# 3183
Delta R.T. -0.000 min
Lab File: VV021848.D
Acq: 18 Aug 2021 04:59

Tgt Ion:146 Resp: 320555
Ion Ratio Lower Upper
146 100
111 35.3 26.2 48.6
148 62.2 45.1 83.9

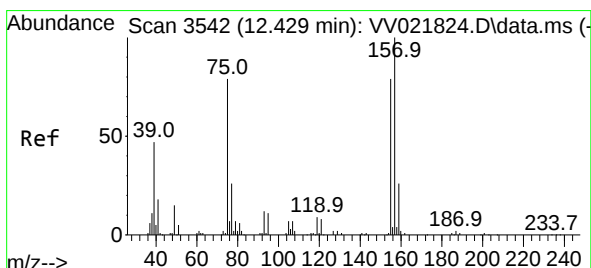
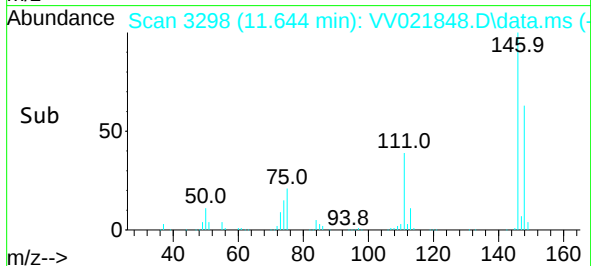
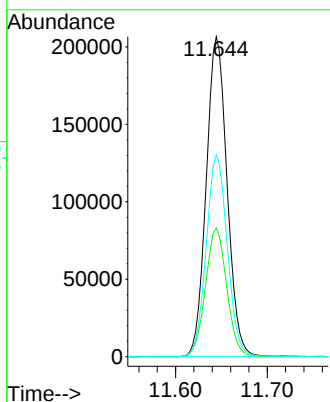
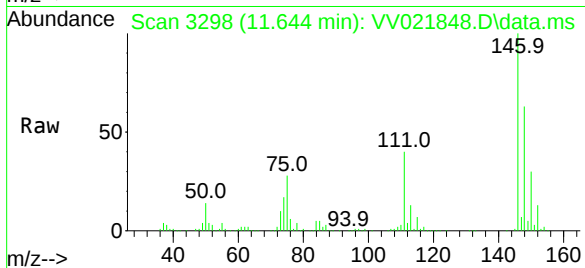




#67
1,2-Dichlorobenzene
Concen: 51.161 ug/L
RT: 11.644 min Scan# 3298
Delta R.T. -0.000 min
Lab File: VV021848.D
Acq: 18 Aug 2021 04:59

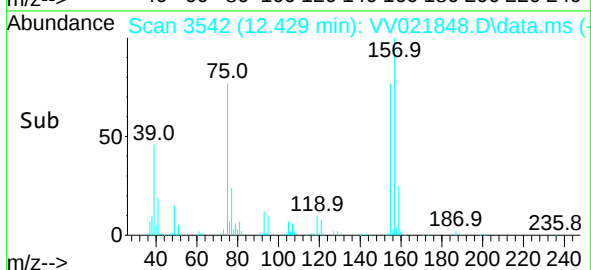
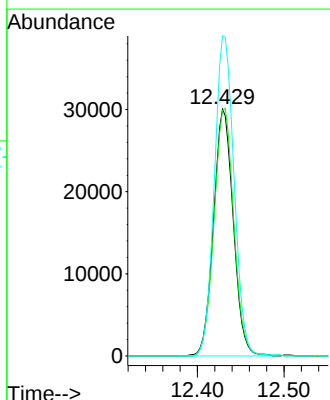
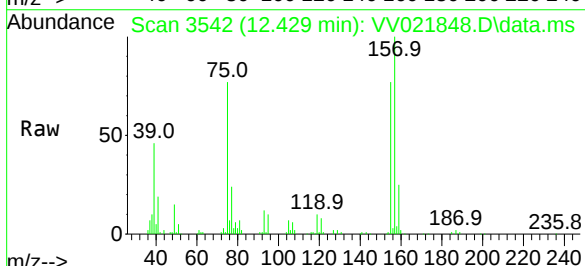
Instrument :
MSVOA_V
ClientSampled :

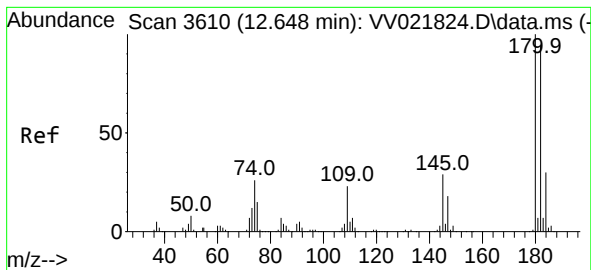
Tgt Ion:146 Resp: 326927
Ion Ratio Lower Upper
146 100
111 40.2 31.8 47.8
148 63.1 51.0 76.6



#68
1,2-Dibromo-3-chloropropane
Concen: 54.304 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. -0.000 min
Lab File: VV021848.D
Acq: 18 Aug 2021 04:59

Tgt Ion: 75 Resp: 47604
Ion Ratio Lower Upper
75 100
155 99.4 77.8 116.8
157 129.6 99.4 149.0

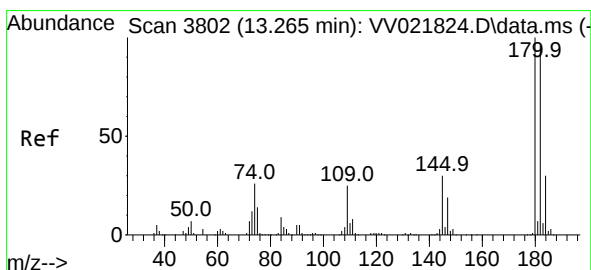
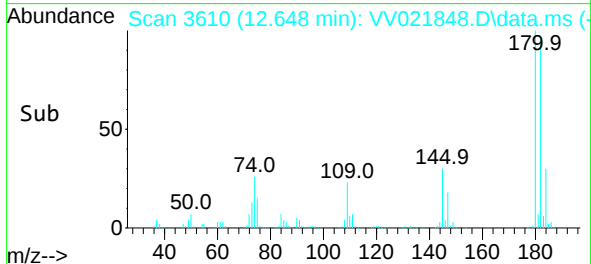
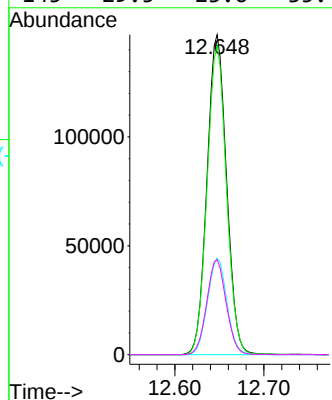
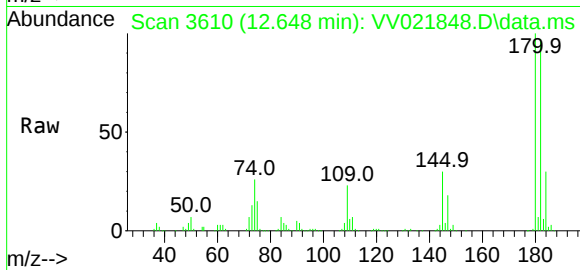




#69
 1,3,5-Trichlorobenzene
 Concen: 48.683 ug/L
 RT: 12.648 min Scan# 3610
 Delta R.T. -0.000 min
 Lab File: VV021848.D
 Acq: 18 Aug 2021 04:59

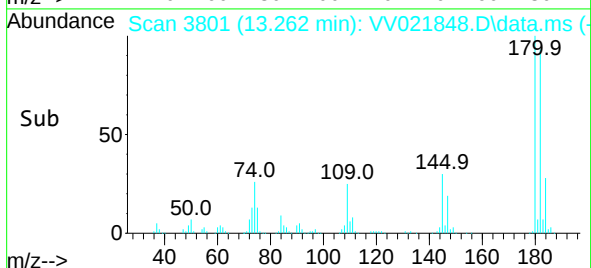
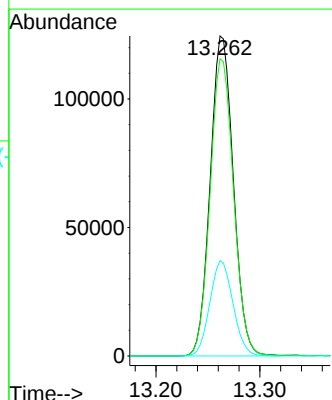
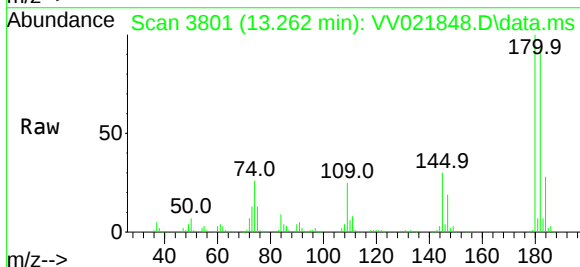
Instrument :
 MSVOA_V
 ClientSampleId :

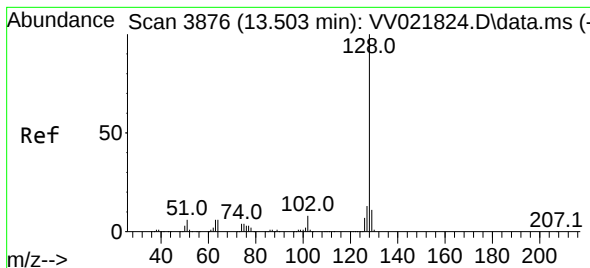
Tgt Ion:	180	Resp:	223537
Ion	Ratio	Lower	Upper
180	100		
182	95.1	76.8	115.2
184	29.9	24.1	36.1
145	29.5	23.6	35.4



#70
 1,2,4-trichlorobenzene
 Concen: 50.021 ug/L
 RT: 13.262 min Scan# 3801
 Delta R.T. -0.003 min
 Lab File: VV021848.D
 Acq: 18 Aug 2021 04:59

Tgt Ion:	180	Resp:	192629
Ion	Ratio	Lower	Upper
180	100		
182	94.2	75.8	113.6
145	29.8	23.9	35.9

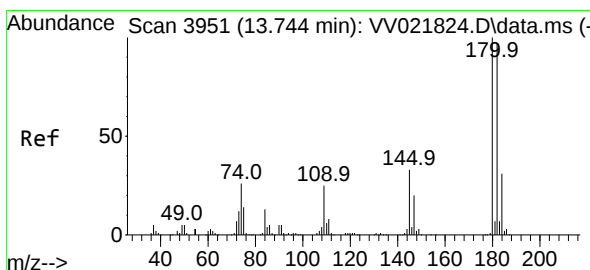
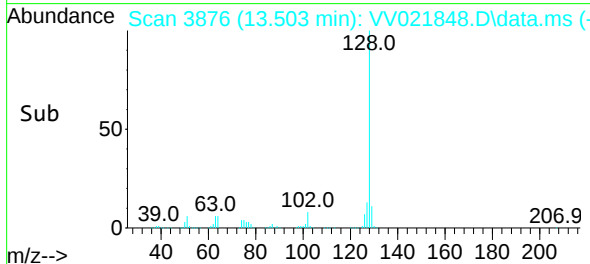
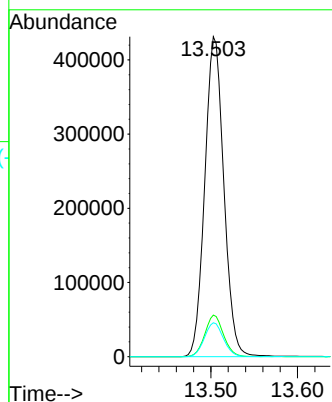
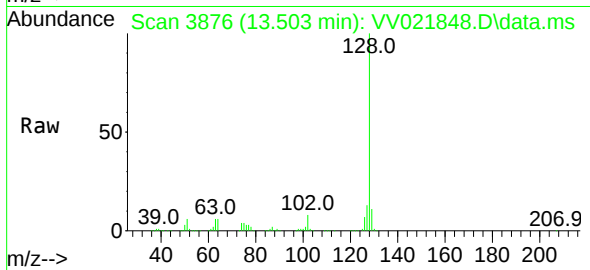




#71
Naphthalene
Concen: 58.894 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. -0.000 min
Lab File: VV021848.D
Acq: 18 Aug 2021 04:59

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion:128 Resp: 658805
Ion Ratio Lower Upper
128 100
127 12.7 10.0 15.0
129 10.6 8.5 12.7



#72
1,2,3-Trichlorobenzene
Concen: 52.096 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. -0.000 min
Lab File: VV021848.D
Acq: 18 Aug 2021 04:59

Tgt Ion:180 Resp: 201537
Ion Ratio Lower Upper
180 100
182 93.5 76.2 114.2
145 31.4 25.6 38.4

