

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092021\
 Data File : VV022245.D
 Acq On : 20 Sep 2021 20:15
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 21 04:46:50 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Sep 21 04:41:26 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	319032	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	307146	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	157041	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	109743	49.672	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	99.340%
7) Chloroethane-d5	1.564	69	86499	50.135	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.260%
11) 1,1-Dichloroethene-d2	2.104	63	194314	53.181	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	106.360%
21) 2-Butanone-d5	3.902	46	172809	114.050	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	114.050%
24) Chloroform-d	4.349	84	202394	50.240	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.480%
26) 1,2-Dichloroethane-d4	5.034	65	118210	49.817	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.640%
32) Benzene-d6	5.050	84	408025	48.978	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.960%
36) 1,2-Dichloropropane-d6	6.072	67	125843	48.033	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.060%
41) Toluene-d8	7.317	98	373799	47.532	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.060%
43) trans-1,3-Dichloroprop...	7.625	79	56255	45.113	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.220%
47) 2-Hexanone-d5	8.091	63	113841	113.245	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	113.240%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	168347	50.172	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.340%
66) 1,2-Dichlorobenzene-d4	11.625	152	143565	46.503	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	78406	35.753	ug/L	99
3) Chloromethane	1.240	50	87535	37.696	ug/L	97
5) Vinyl chloride	1.307	62	95896	40.972	ug/L	98
6) Bromomethane	1.519	94	62749	44.592	ug/L	99
8) Chloroethane	1.584	64	65459	44.708	ug/L	99
9) Trichlorofluoromethane	1.751	101	153825	46.152	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	94859	48.523	ug/L	98
12) 1,1-Dichloroethene	2.114	96	88174	47.915	ug/L	97
13) Acetone	2.439	43	126099	99.326	ug/L	100
14) Carbon disulfide	2.291	76	204646	36.855	ug/L	100
15) Methyl Acetate	2.439	43	131220	53.075	ug/L	99
16) Methylene chloride	2.506	84	120160	48.736	ug/L	99
17) trans-1,2-Dichloroethene	2.760	96	98680	44.350	ug/L	97
18) Methyl tert-butyl Ether	2.770	73	347572	49.158	ug/L	99
19) 1,1-Dichloroethane	3.191	63	197247	49.773	ug/L	99
20) cis-1,2-Dichloroethene	3.912	96	116513	47.048	ug/L	97
22) 2-Butanone	3.985	43	182401	102.212	ug/L	100
23) Bromochloromethane	4.249	128	64340	48.785	ug/L	99
25) Chloroform	4.378	83	205313	48.942	ug/L	98

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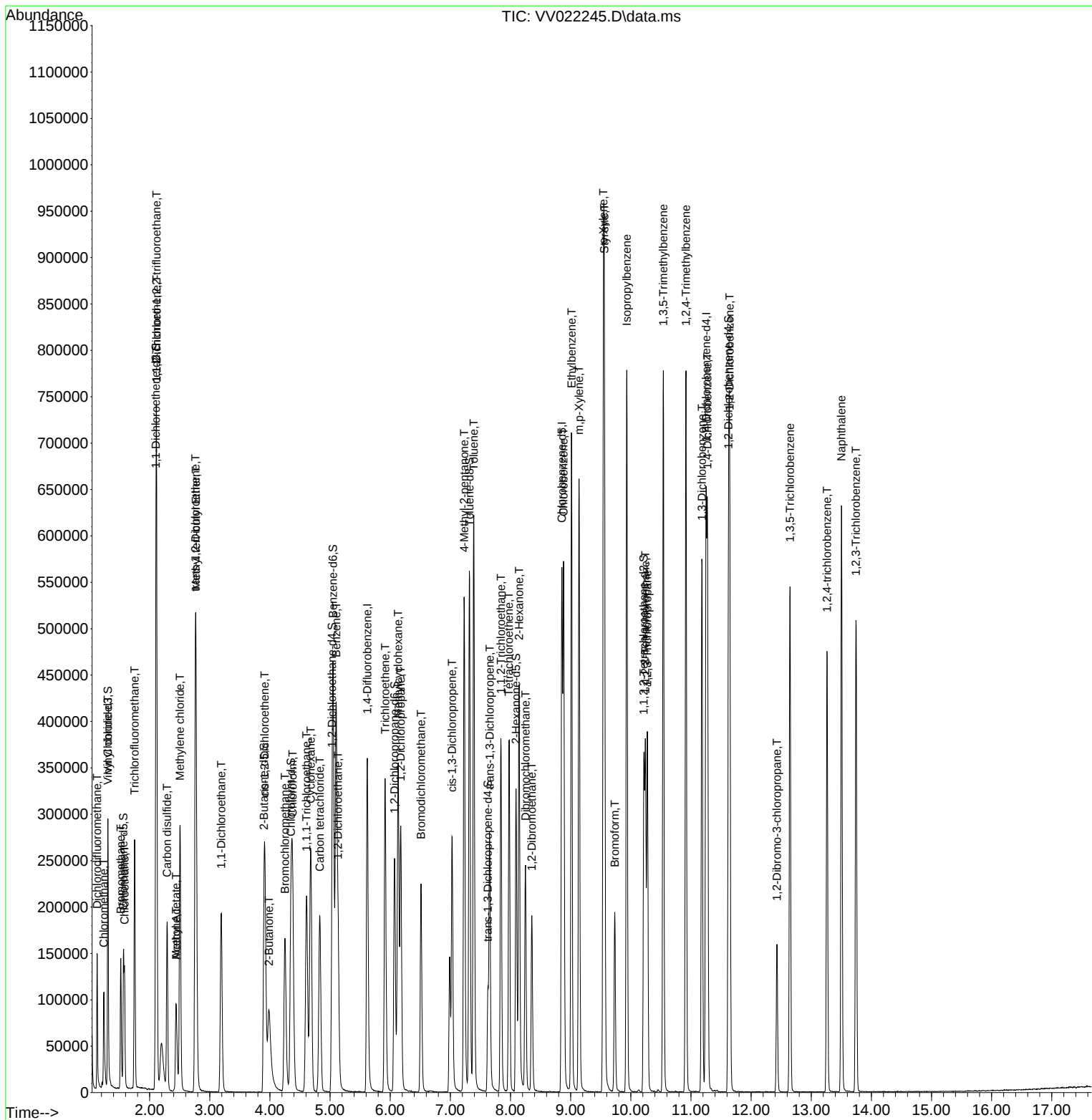
Instrument :
 MSVOA_V
 ClientSampleId :

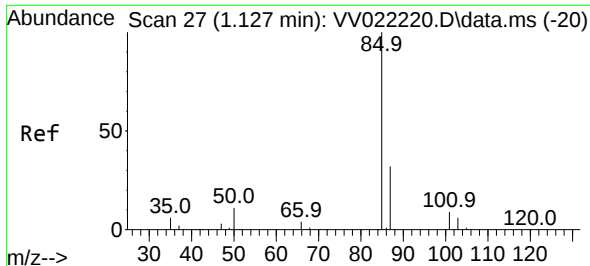
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 Quant Title : VOC Analysis
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	146657	52.153	ug/L	97
29) Cyclohexane	4.677	56	142549	41.518	ug/L	99
30) 1,1,1-Trichloroethane	4.609	97	174196	47.719	ug/L	99
31) Carbon tetrachloride	4.828	117	145653	46.441	ug/L	99
33) Benzene	5.101	78	427487	47.838	ug/L	100
34) Trichloroethene	5.915	95	115653	45.690	ug/L	98
35) Methylcyclohexane	6.133	83	153720	41.541	ug/L	99
37) 1,2-Dichloropropane	6.175	63	114037	49.230	ug/L	100
38) Bromodichloromethane	6.513	83	147212	49.695	ug/L	99
39) cis-1,3-Dichloropropene	7.027	75	167166	46.742	ug/L	98
40) 4-Methyl-2-pentanone	7.230	43	349946	111.434	ug/L	99
42) Toluene	7.390	91	465789	48.295	ug/L	99
44) trans-1,3-Dichloropropene	7.654	75	162001	48.670	ug/L	100
45) 1,1,2-Trichloroethane	7.841	97	119608	50.747	ug/L	99
46) Tetrachloroethene	7.976	164	86826	44.114	ug/L	98
48) 2-Hexanone	8.143	43	274156	112.516	ug/L	98
49) Dibromochloromethane	8.249	129	124901	49.507	ug/L	100
50) 1,2-Dibromoethane	8.355	107	124779	49.329	ug/L	99
51) Chlorobenzene	8.882	112	303921	46.869	ug/L	99
52) Ethylbenzene	9.014	91	486733	46.619	ug/L	99
53) m,p-Xylene	9.140	106	188819	46.529	ug/L	99
54) o-Xylene	9.545	106	189630	47.228	ug/L	99
55) Styrene	9.561	104	332136	48.470	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.242	83	179701	52.622	ug/L	99
59) Bromoform	9.734	173	86544	51.887	ug/L	100
60) Isopropylbenzene	9.934	105	497507	50.418	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	152325	55.966	ug/L	98
62) 1,3,5-Trimethylbenzene	10.541	105	403756	48.738	ug/L	99
63) 1,2,4-Trimethylbenzene	10.918	105	419249	49.790	ug/L	99
64) 1,3-Dichlorobenzene	11.185	146	237369	47.378	ug/L	99
65) 1,4-Dichlorobenzene	11.275	146	237613	46.348	ug/L	98
67) 1,2-Dichlorobenzene	11.644	146	246241	49.498	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	37102	56.561	ug/L	98
69) 1,3,5-Trichlorobenzene	12.647	180	168713	45.035	ug/L	99
70) 1,2,4-trichlorobenzene	13.265	180	143049	43.407	ug/L	99
71) Naphthalene	13.503	128	489902	51.678	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	154361	48.022	ug/L	99

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

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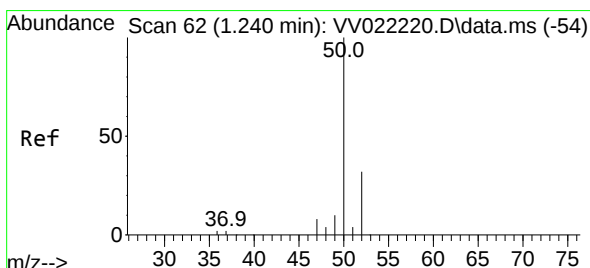
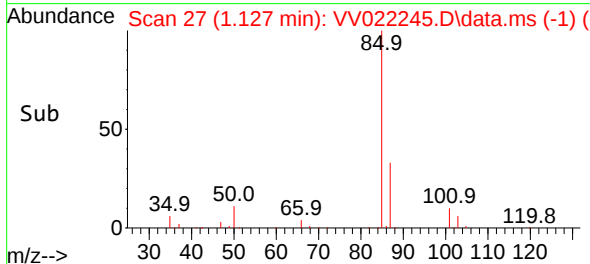
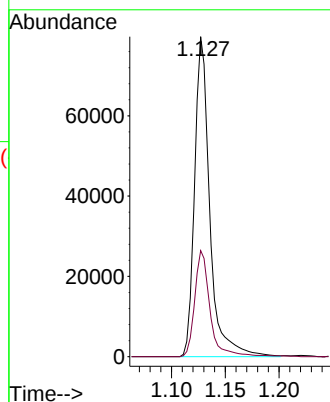
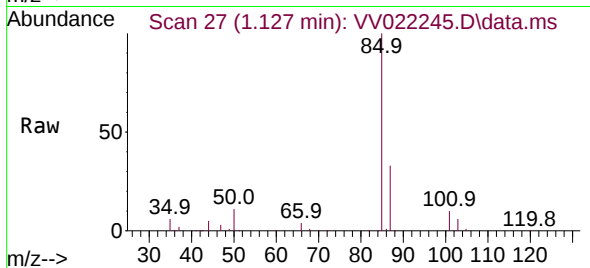




#2
 Dichlorodifluoromethane
 Concen: 35.753 ug/L
 RT: 1.127 min Scan# 27
 Delta R.T. -0.000 min
 Lab File: VV022245.D
 Acq: 20 Sep 2021 20:15

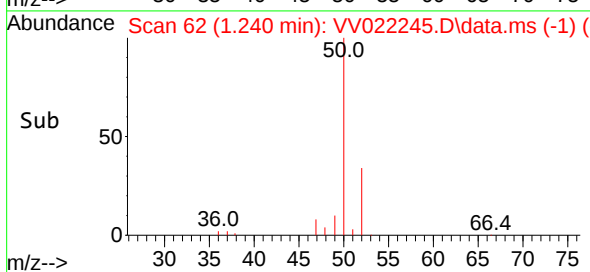
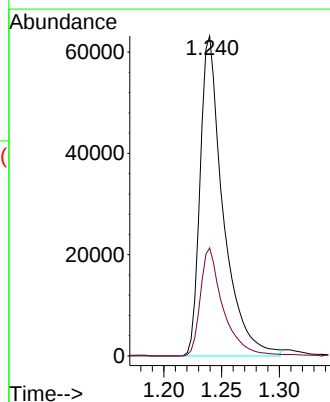
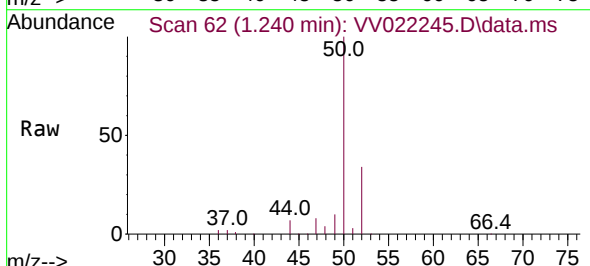
Instrument :
 MSVOA_V
 ClientSampled :

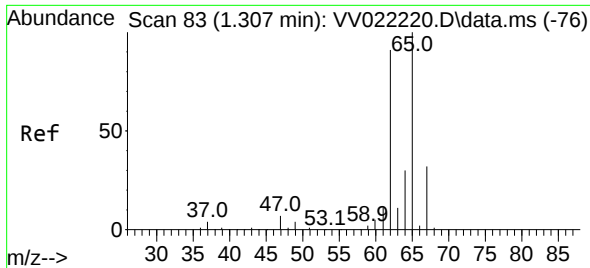
Tgt Ion: 85 Resp: 78406
 Ion Ratio Lower Upper
 85 100
 87 33.1 26.0 39.0



#3
 Chloromethane
 Concen: 37.696 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. -0.000 min
 Lab File: VV022245.D
 Acq: 20 Sep 2021 20:15

Tgt Ion: 50 Resp: 87535
 Ion Ratio Lower Upper
 50 100
 52 33.7 22.5 41.9

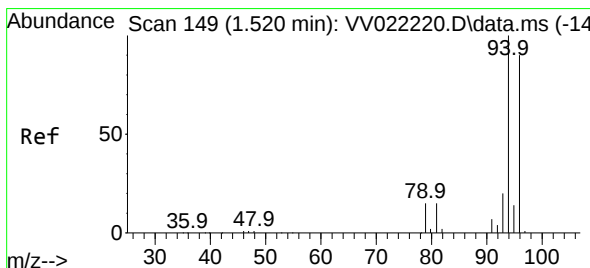
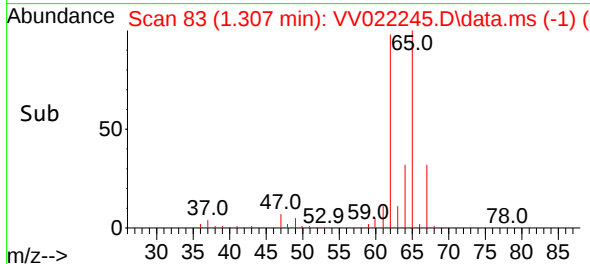
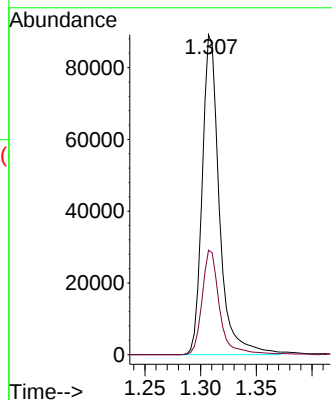
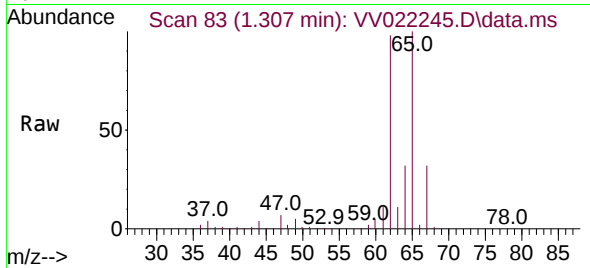




#5
 Vinyl chloride
 Concen: 40.972 ug/L
 RT: 1.307 min Scan# 83
 Delta R.T. -0.000 min
 Lab File: VV022245.D
 Acq: 20 Sep 2021 20:15

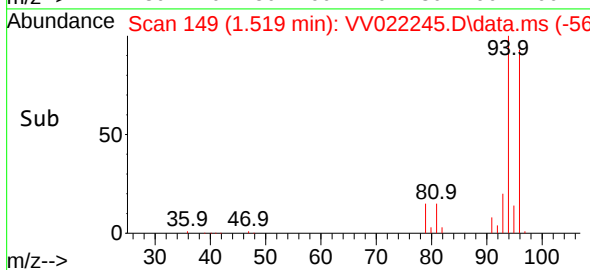
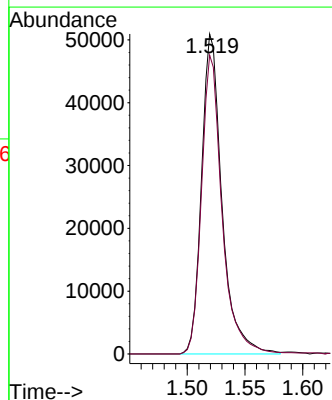
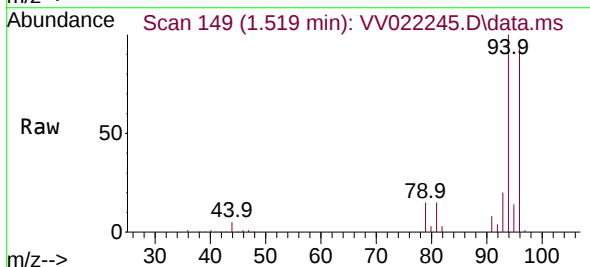
Instrument :
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 ClientSampled :

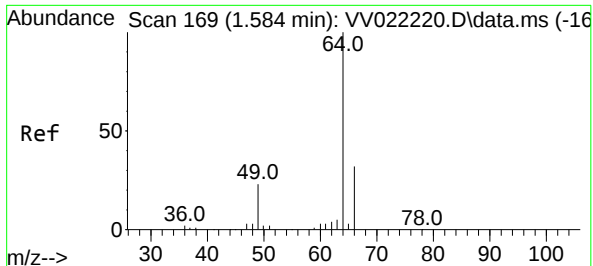
Tgt Ion: 62 Resp: 95896
 Ion Ratio Lower Upper
 62 100
 64 32.6 23.4 43.6



#6
 Bromomethane
 Concen: 44.592 ug/L
 RT: 1.519 min Scan# 149
 Delta R.T. -0.000 min
 Lab File: VV022245.D
 Acq: 20 Sep 2021 20:15

Tgt Ion: 94 Resp: 62749
 Ion Ratio Lower Upper
 94 100
 96 93.4 65.8 122.2

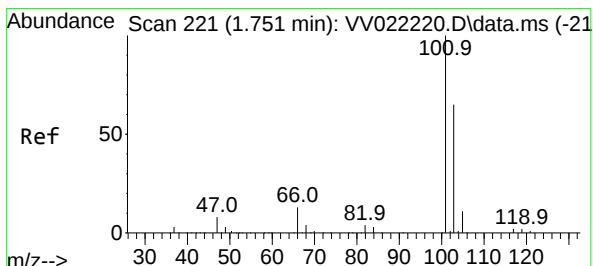
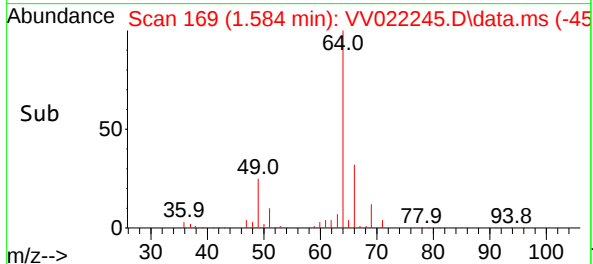
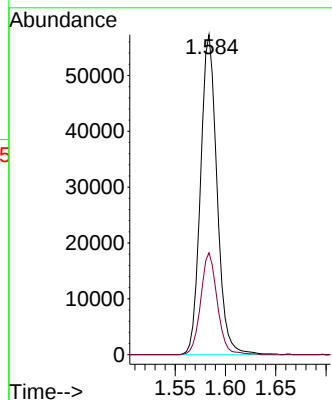
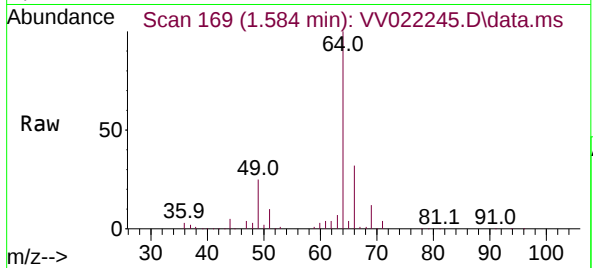




#8
Chloroethane
Concen: 44.708 ug/L
RT: 1.584 min Scan# 169
Delta R.T. -0.000 min
Lab File: VV022245.D
Acq: 20 Sep 2021 20:15

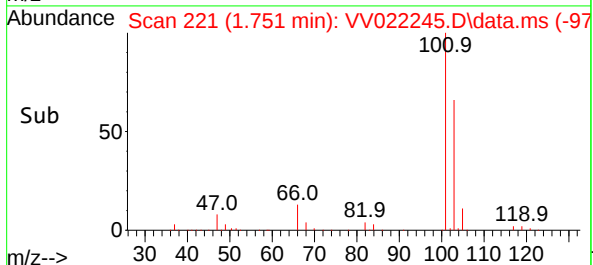
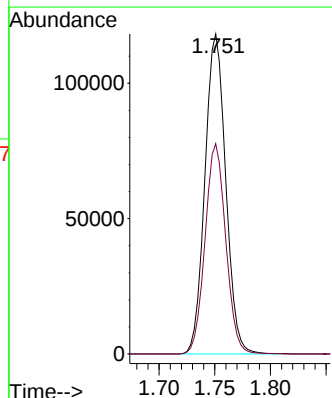
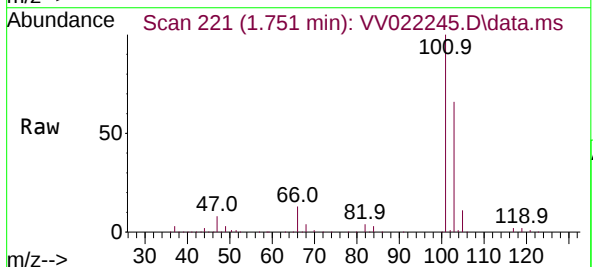
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MSVOA_V
ClientSampleId :

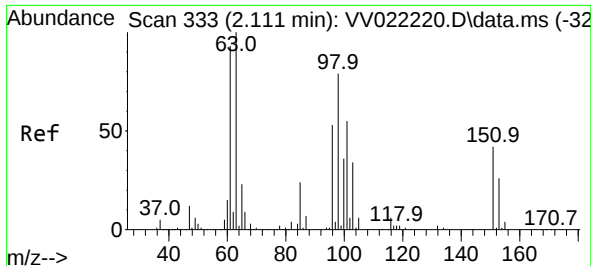
Tgt Ion: 64 Resp: 65459
Ion Ratio Lower Upper
64 100
66 31.9 22.7 42.3



#9
Trichlorofluoromethane
Concen: 46.152 ug/L
RT: 1.751 min Scan# 221
Delta R.T. -0.000 min
Lab File: VV022245.D
Acq: 20 Sep 2021 20:15

Tgt Ion:101 Resp: 153825
Ion Ratio Lower Upper
101 100
103 65.4 51.4 77.0





#10

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

Concen: 48.523 ug/L

RT: 2.114 min Scan# 334

Delta R.T. 0.003 min

Lab File: VV022245.D

Acq: 20 Sep 2021 20:15

Tgt Ion:101 Resp: 94859

Ion Ratio Lower Upper

101 100

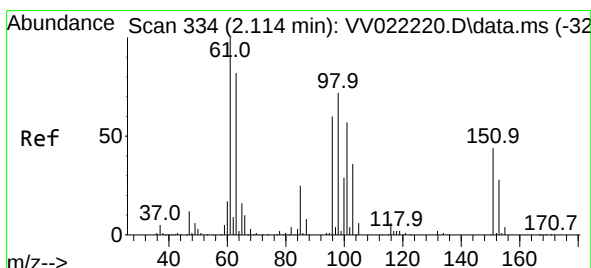
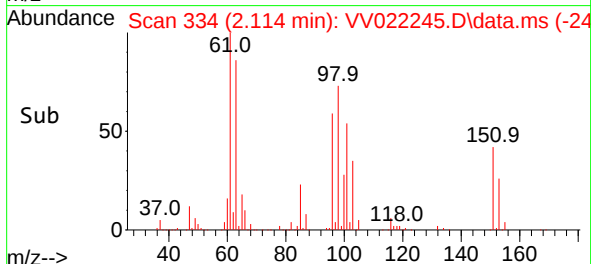
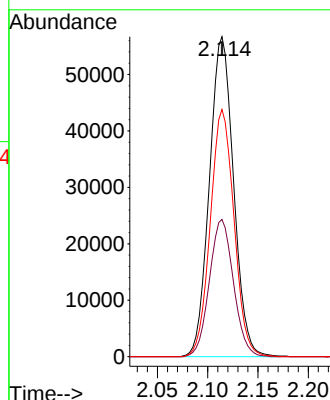
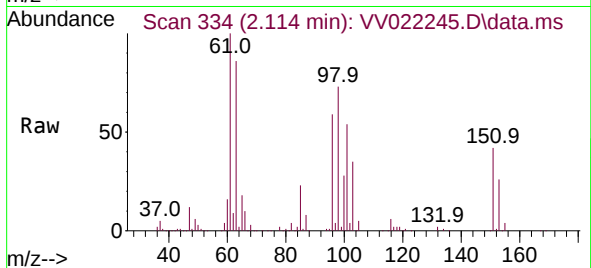
85 42.7 33.4 50.0

151 75.8 61.7 92.5

Instrument :

MSVOA_V

ClientSampleId :



#12

1,1-Dichloroethene

Concen: 47.915 ug/L

RT: 2.114 min Scan# 334

Delta R.T. -0.000 min

Lab File: VV022245.D

Acq: 20 Sep 2021 20:15

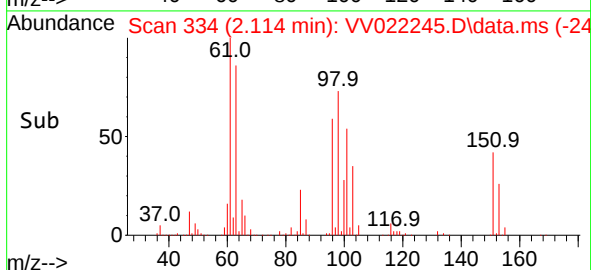
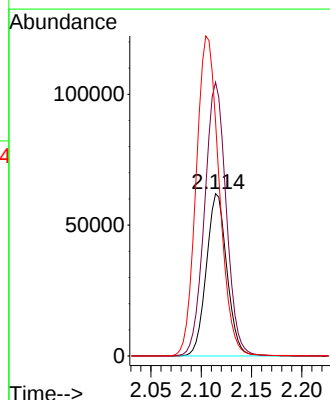
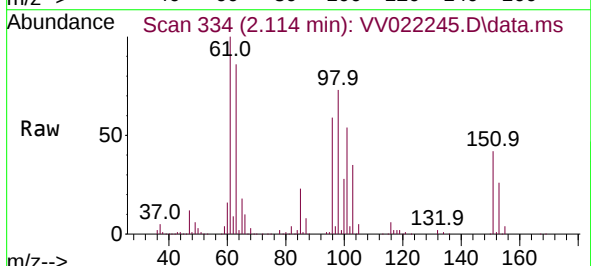
Tgt Ion: 96 Resp: 88174

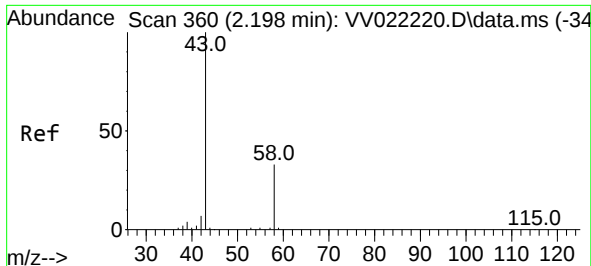
Ion Ratio Lower Upper

96 100

61 168.8 113.2 210.2

63 144.6 102.3 189.9

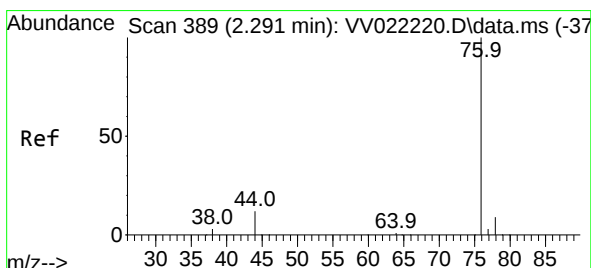
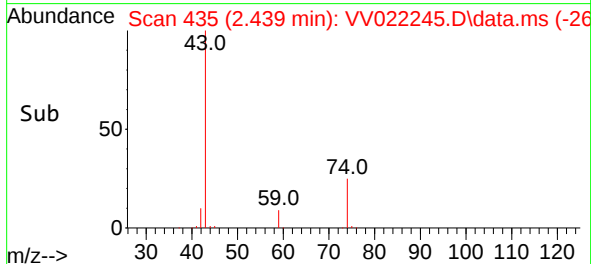
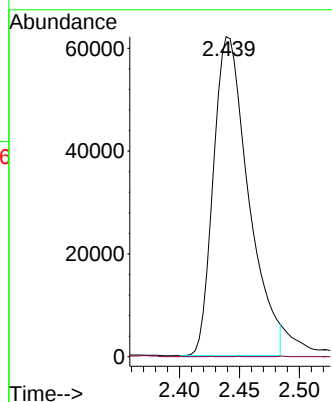
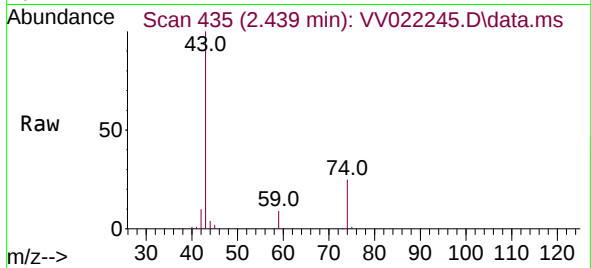




#13
Acetone
Concen: 99.326 ug/L
RT: 2.439 min Scan# 435
Delta R.T. 0.241 min
Lab File: VV022245.D
Acq: 20 Sep 2021 20:15

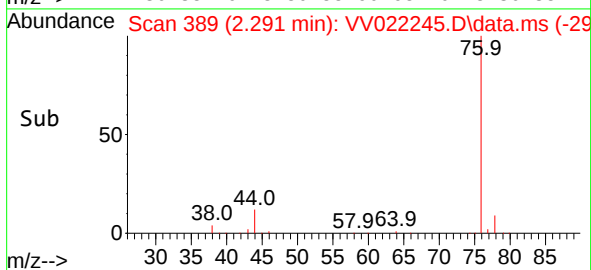
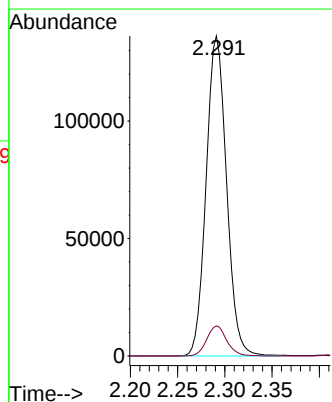
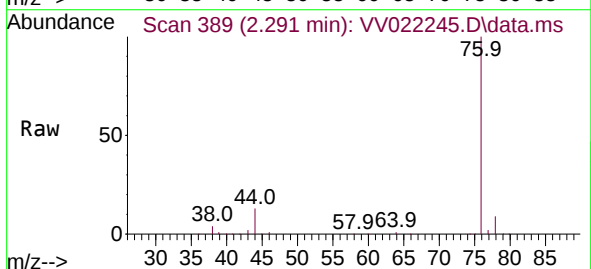
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ClientSampled :

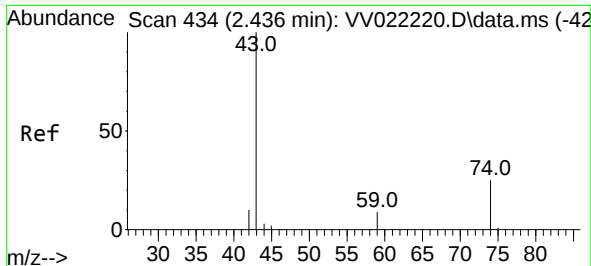
Tgt Ion: 43 Resp: 126099
Ion Ratio Lower Upper
43 100
58 0.1 0.0 0.4



#14
Carbon disulfide
Concen: 36.855 ug/L
RT: 2.291 min Scan# 389
Delta R.T. -0.000 min
Lab File: VV022245.D
Acq: 20 Sep 2021 20:15

Tgt Ion: 76 Resp: 204646
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.2

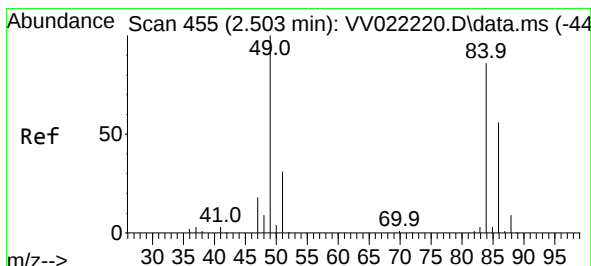
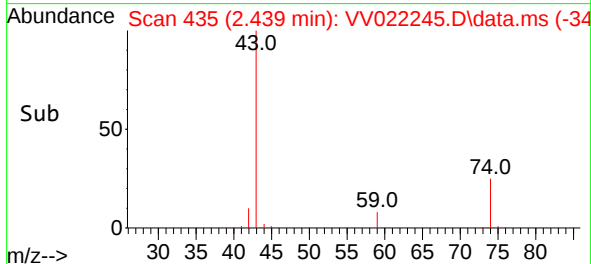
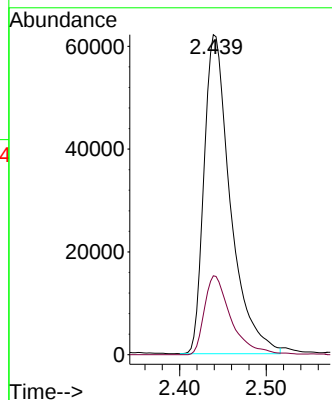
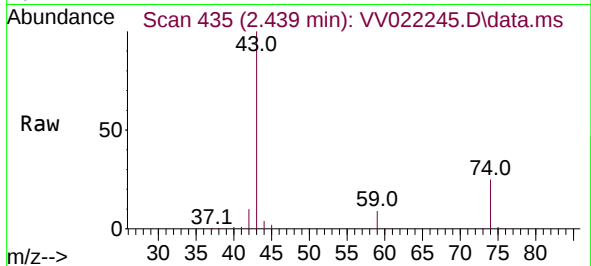




#15
Methyl Acetate
Concen: 53.075 ug/L
RT: 2.439 min Scan# 435
Delta R.T. 0.003 min
Lab File: VV022245.D
Acq: 20 Sep 2021 20:15

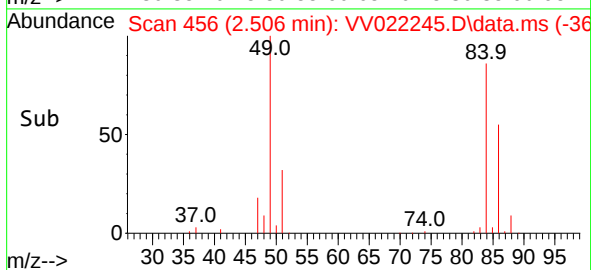
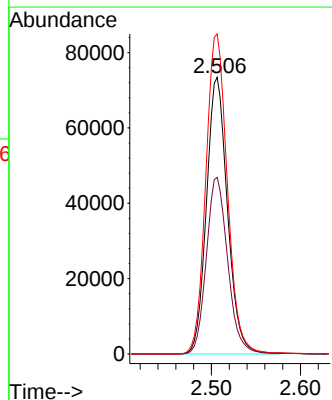
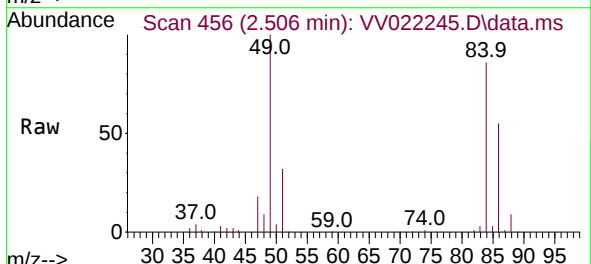
Instrument :
MSVOA_V
ClientSampled :

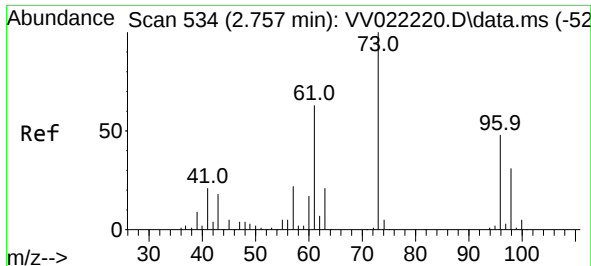
Tgt Ion: 43 Resp: 131220
Ion Ratio Lower Upper
43 100
74 24.8 20.2 30.2



#16
Methylene chloride
Concen: 48.736 ug/L
RT: 2.506 min Scan# 456
Delta R.T. 0.003 min
Lab File: VV022245.D
Acq: 20 Sep 2021 20:15

Tgt Ion: 84 Resp: 120160
Ion Ratio Lower Upper
84 100
86 63.9 44.8 83.2
49 115.7 80.2 149.0

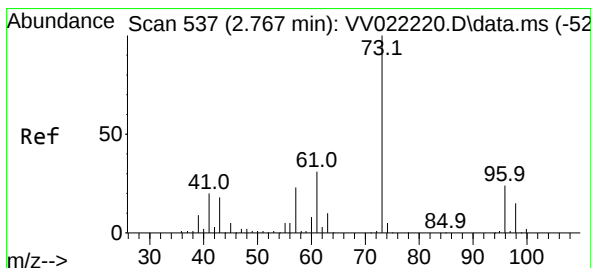
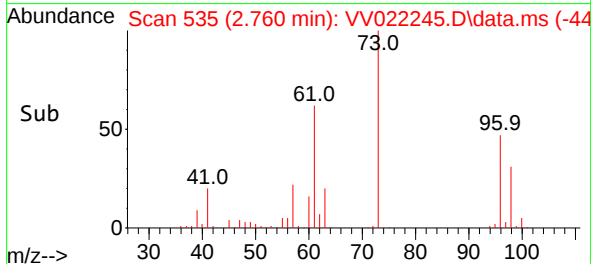
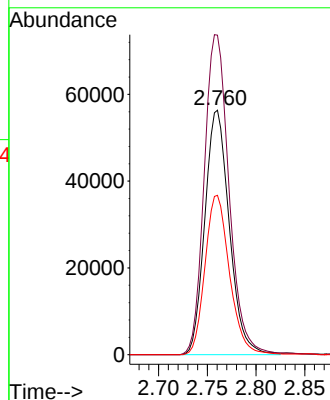
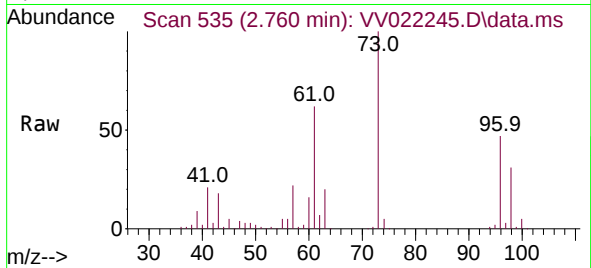




#17
trans-1,2-Dichloroethene
Concen: 44.350 ug/L
RT: 2.760 min Scan# 535
Delta R.T. 0.003 min
Lab File: VV022245.D
Acq: 20 Sep 2021 20:15

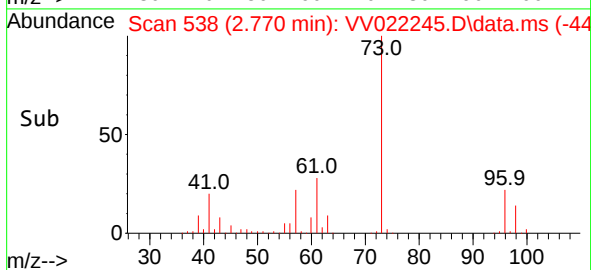
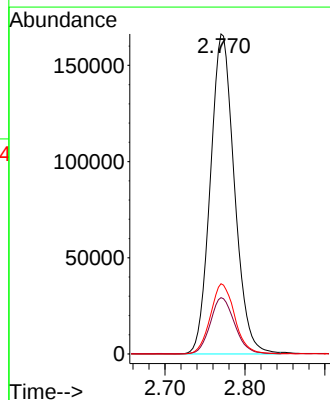
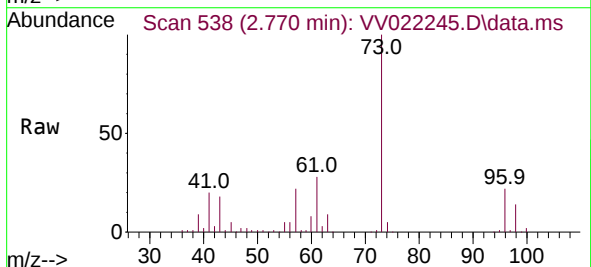
Instrument :
MSVOA_V
ClientSampleId :

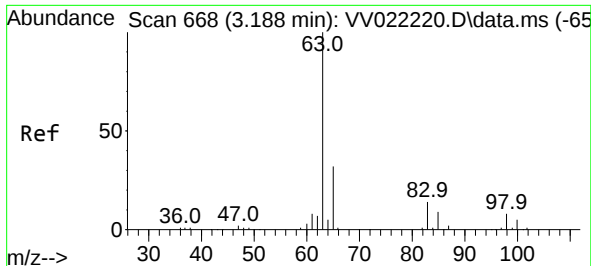
Tgt Ion: 96 Resp: 98680
Ion Ratio Lower Upper
96 100
61 130.7 89.1 165.5
98 65.2 43.8 81.3



#18
Methyl tert-butyl Ether
Concen: 49.158 ug/L
RT: 2.770 min Scan# 538
Delta R.T. 0.003 min
Lab File: VV022245.D
Acq: 20 Sep 2021 20:15

Tgt Ion: 73 Resp: 347572
Ion Ratio Lower Upper
73 100
43 17.6 13.8 20.6
57 22.1 17.1 25.7





#19

1,1-Dichloroethane

Concen: 49.773 ug/L

RT: 3.191 min Scan# 669

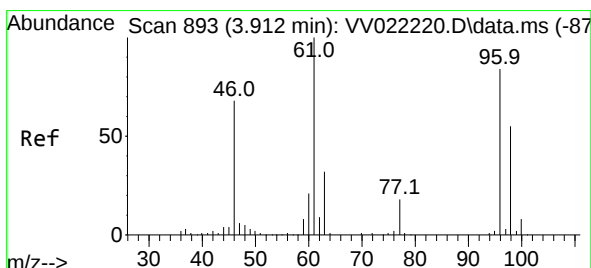
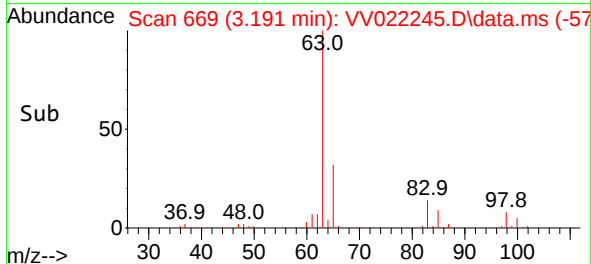
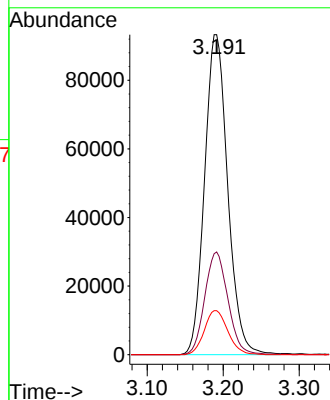
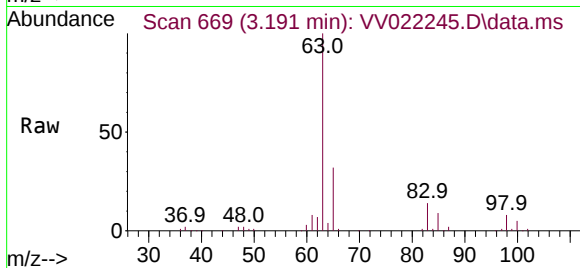
Delta R.T. 0.003 min

Lab File: VV022245.D

Acq: 20 Sep 2021 20:15

Tgt Ion: 63 Resp: 197247

Ion	Ratio	Lower	Upper
63	100		
65	32.1	22.2	41.2
83	13.7	9.7	17.9



#20

cis-1,2-Dichloroethene

Concen: 47.048 ug/L

RT: 3.912 min Scan# 893

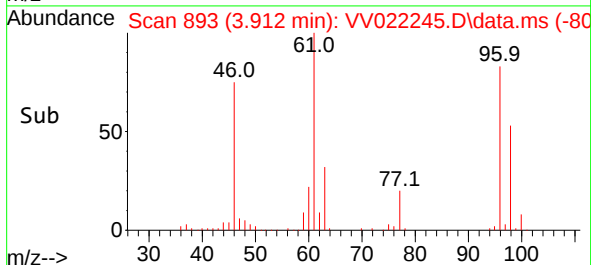
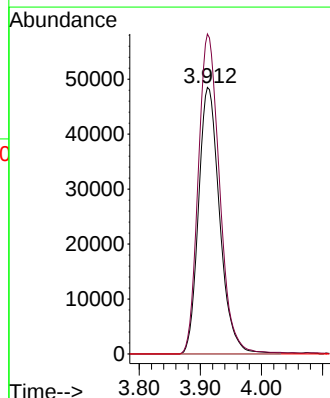
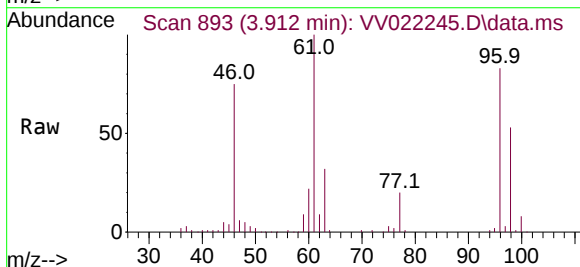
Delta R.T. -0.000 min

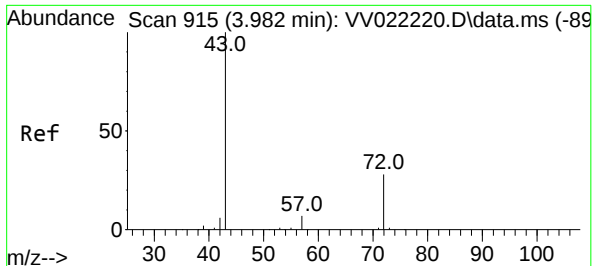
Lab File: VV022245.D

Acq: 20 Sep 2021 20:15

Tgt Ion: 96 Resp: 116513

Ion	Ratio	Lower	Upper
96	100		
61	120.1	81.8	152.0
68	0.0	0.0	0.0

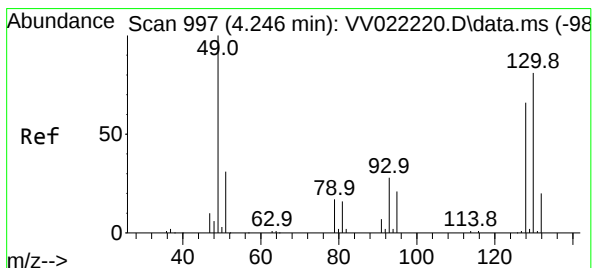
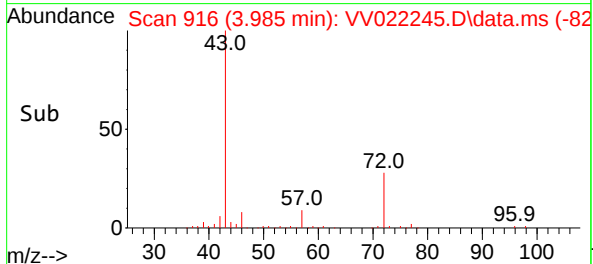
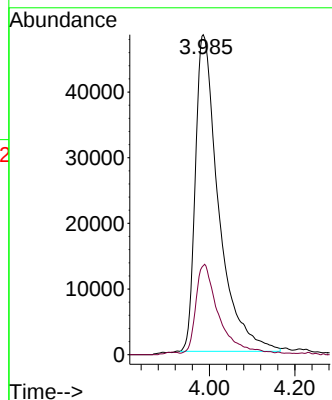
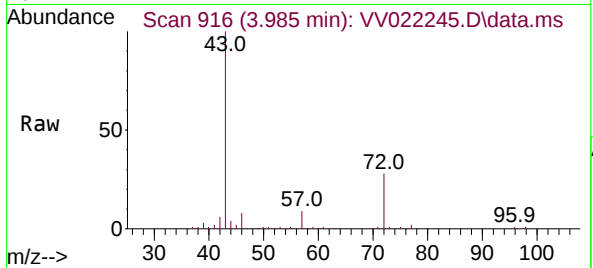




#22
2-Butanone
Concen: 102.212 ug/L
RT: 3.985 min Scan# 916
Delta R.T. 0.003 min
Lab File: VV022245.D
Acq: 20 Sep 2021 20:15

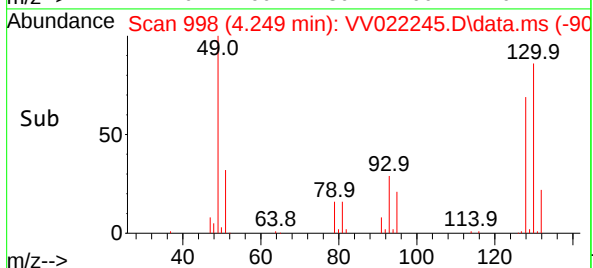
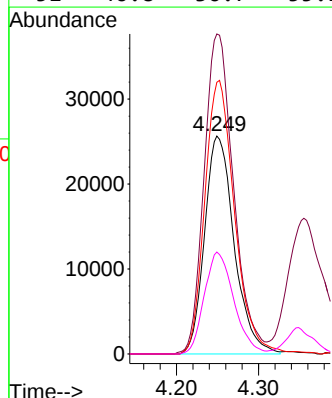
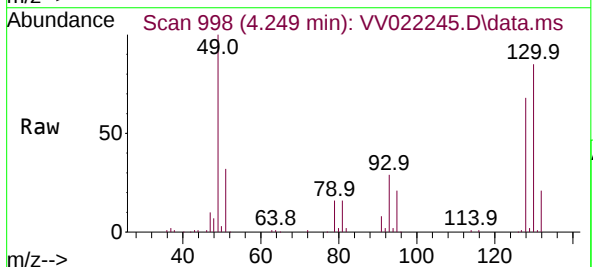
Instrument :
MSVOA_V
ClientSampled :

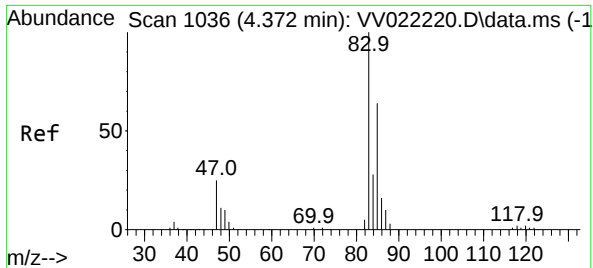
Tgt Ion: 43 Resp: 182401
Ion Ratio Lower Upper
43 100
72 26.3 13.3 39.8



#23
Bromochloromethane
Concen: 48.785 ug/L
RT: 4.249 min Scan# 998
Delta R.T. 0.003 min
Lab File: VV022245.D
Acq: 20 Sep 2021 20:15

Tgt Ion:128 Resp: 64340
Ion Ratio Lower Upper
128 100
49 146.8 101.6 188.8
130 124.7 88.5 164.3
51 46.8 36.7 55.1

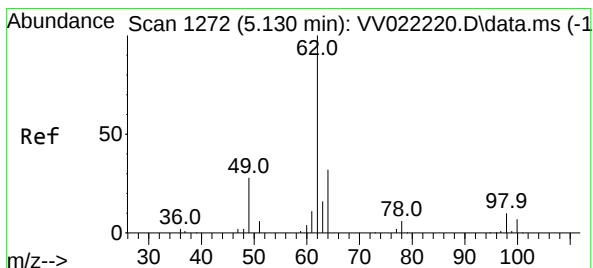
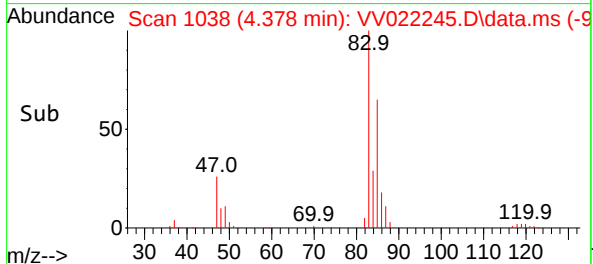
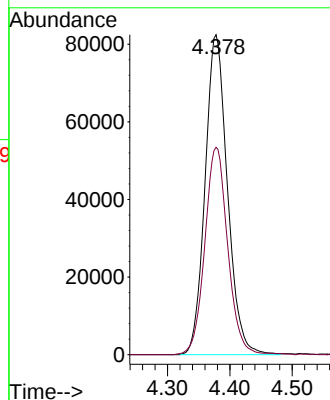
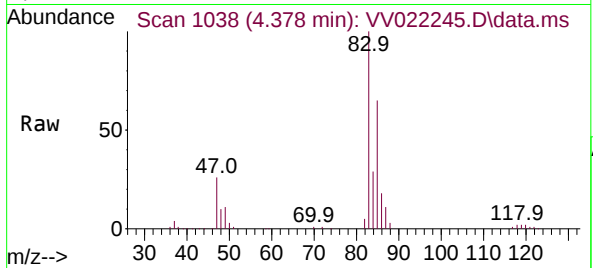




#25
Chloroform
Concen: 48.942 ug/L
RT: 4.378 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VV022245.D
Acq: 20 Sep 2021 20:15

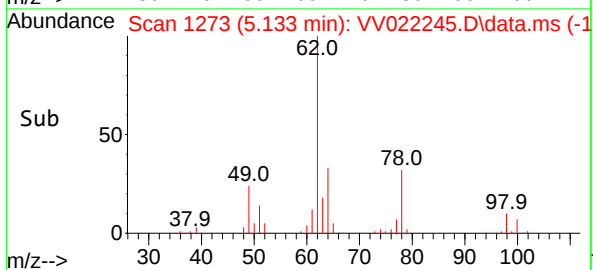
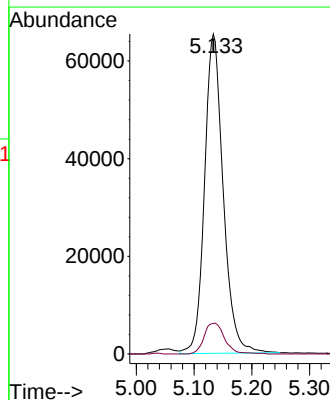
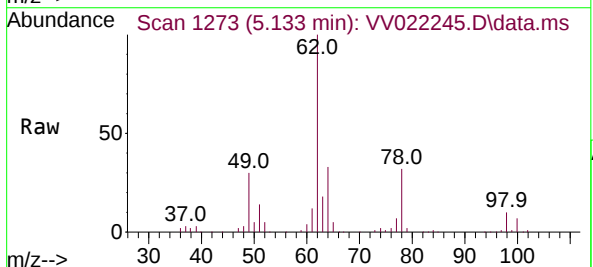
Instrument :
MSVOA_V
ClientSampled :

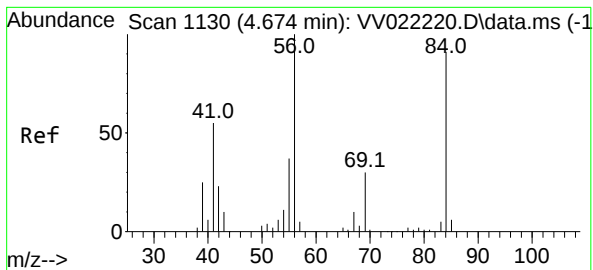
Tgt Ion: 83 Resp: 205313
Ion Ratio Lower Upper
83 100
85 64.8 46.3 85.9



#27
1,2-Dichloroethane
Concen: 52.153 ug/L
RT: 5.133 min Scan# 1273
Delta R.T. 0.003 min
Lab File: VV022245.D
Acq: 20 Sep 2021 20:15

Tgt Ion: 62 Resp: 146657
Ion Ratio Lower Upper
62 100
98 9.6 8.5 12.7

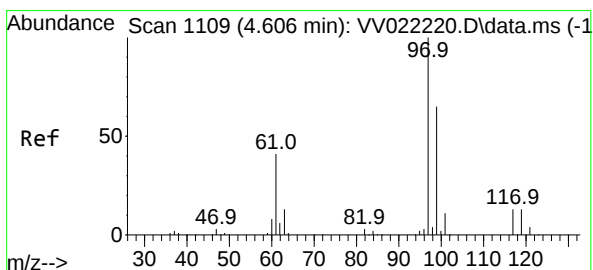
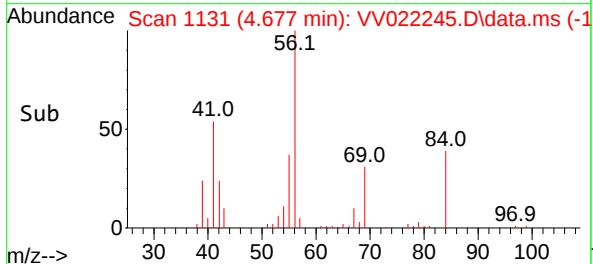
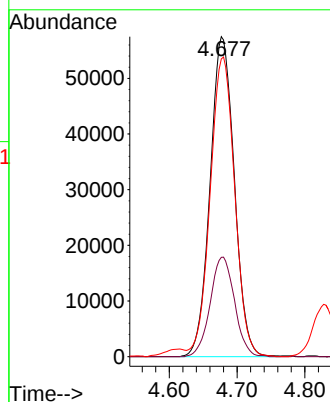
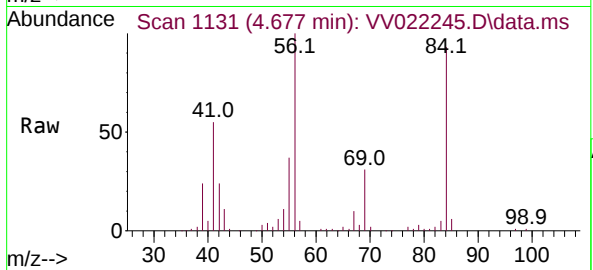




#29
Cyclohexane
Concen: 41.518 ug/L
RT: 4.677 min Scan# 1131
Delta R.T. 0.003 min
Lab File: VV022245.D
Acq: 20 Sep 2021 20:15

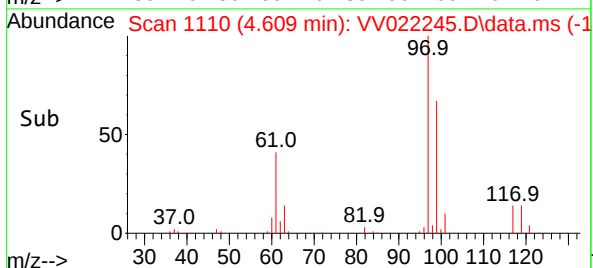
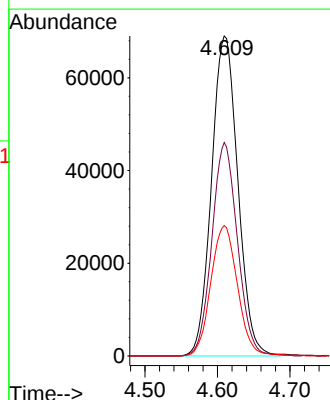
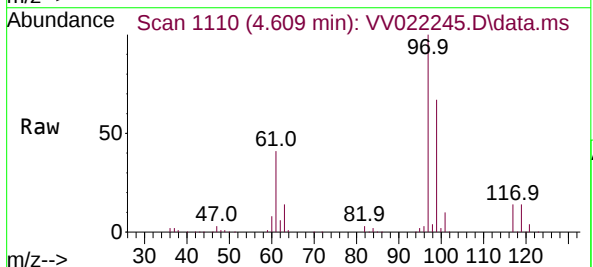
Instrument :
MSVOA_V
ClientSampleId :

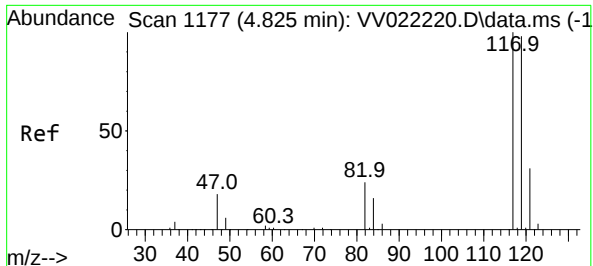
Tgt Ion:	56	Resp:	142549
Ion	Ratio	Lower	Upper
56	100		
69	31.3	25.2	37.8
84	94.9	74.6	111.8



#30
1,1,1-Trichloroethane
Concen: 47.719 ug/L
RT: 4.609 min Scan# 1110
Delta R.T. 0.003 min
Lab File: VV022245.D
Acq: 20 Sep 2021 20:15

Tgt Ion:	97	Resp:	174196
Ion	Ratio	Lower	Upper
97	100		
99	64.8	52.0	78.0
61	41.1	31.8	47.8

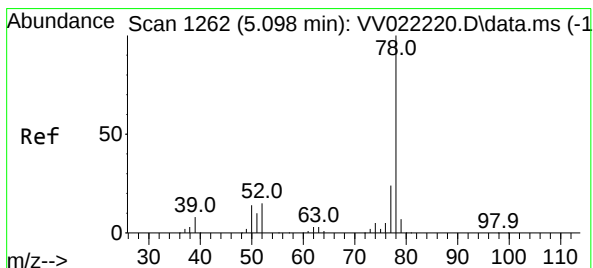
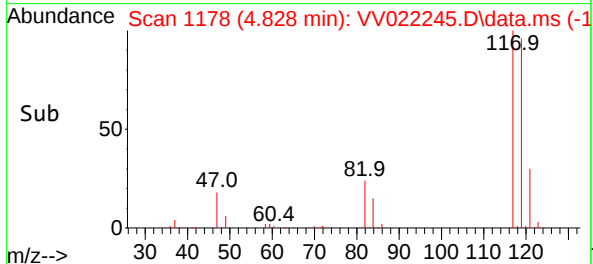
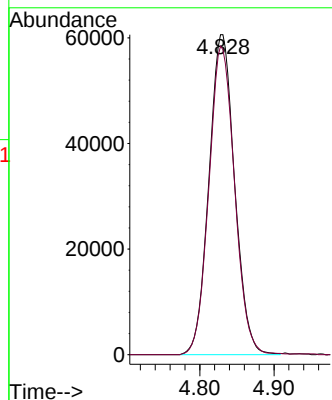
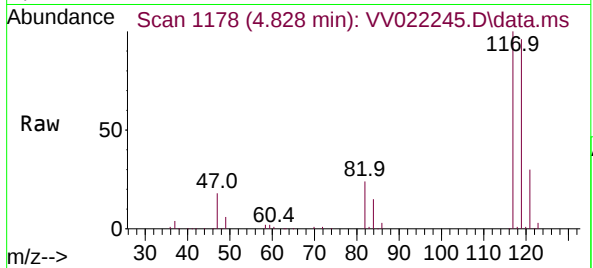




#31
Carbon tetrachloride
Concen: 46.441 ug/L
RT: 4.828 min Scan# 1178
Delta R.T. 0.003 min
Lab File: VV022245.D
Acq: 20 Sep 2021 20:15

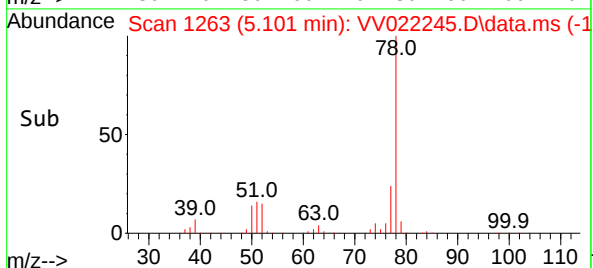
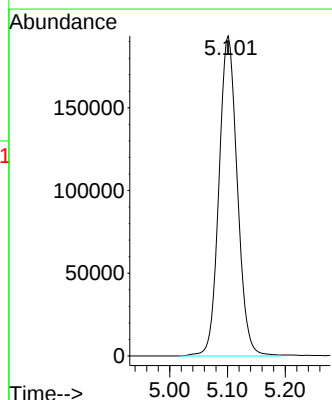
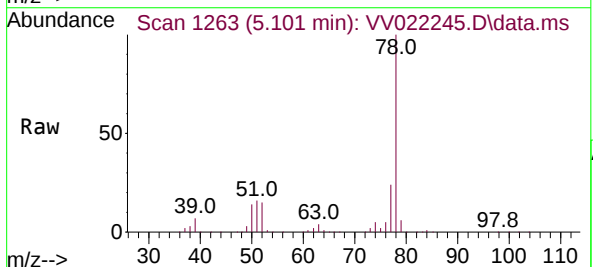
Instrument :
MSVOA_V
ClientSampled :

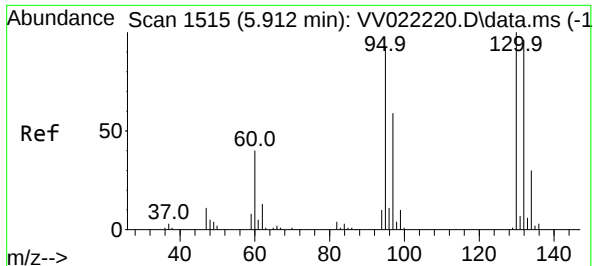
Tgt Ion:117 Resp: 145653
Ion Ratio Lower Upper
117 100
119 96.2 76.6 114.8



#33
Benzene
Concen: 47.838 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.003 min
Lab File: VV022245.D
Acq: 20 Sep 2021 20:15

Tgt Ion: 78 Resp: 427487

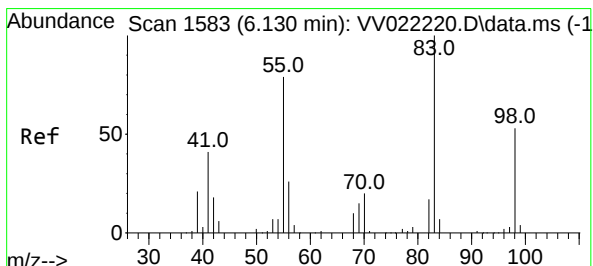
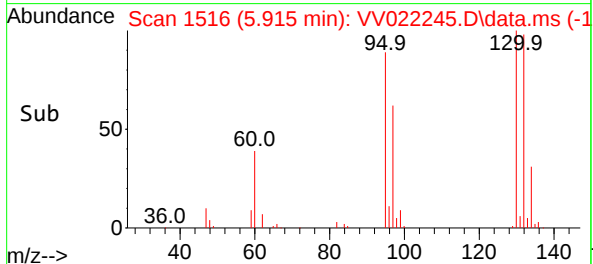
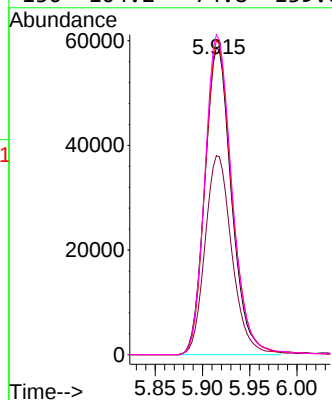
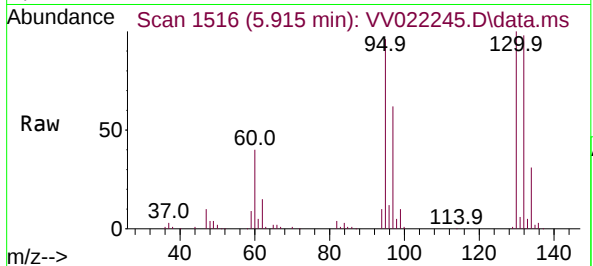




#34
Trichloroethene
Concen: 45.690 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. 0.003 min
Lab File: VV022245.D
Acq: 20 Sep 2021 20:15

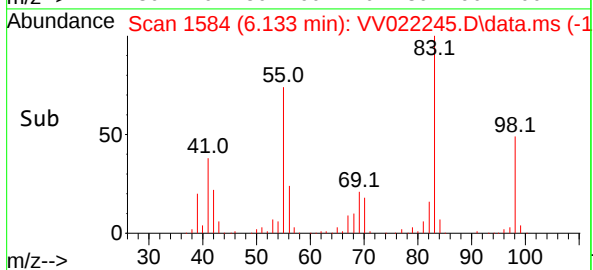
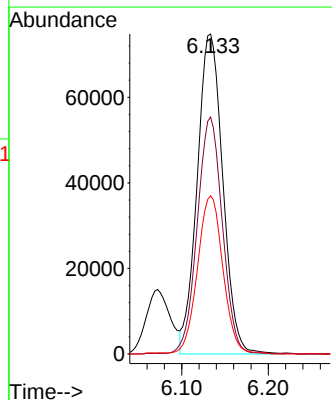
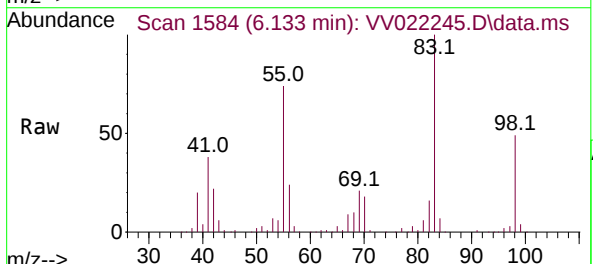
Instrument :
MSVOA_V
ClientSampled :

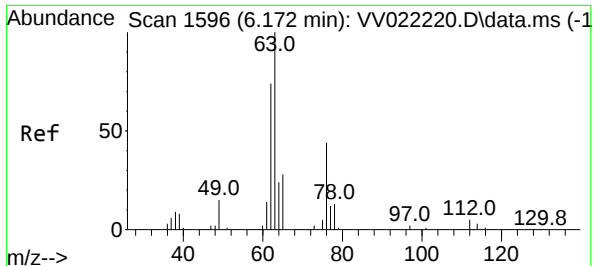
Tgt Ion: 95 Resp: 115653
Ion Ratio Lower Upper
95 100
97 64.8 44.1 81.9
132 102.4 70.7 131.3
130 104.2 74.8 139.0



#35
Methylcyclohexane
Concen: 41.541 ug/L
RT: 6.133 min Scan# 1584
Delta R.T. 0.003 min
Lab File: VV022245.D
Acq: 20 Sep 2021 20:15

Tgt Ion: 83 Resp: 153720
Ion Ratio Lower Upper
83 100
55 72.4 56.8 85.2
98 49.2 39.9 59.9

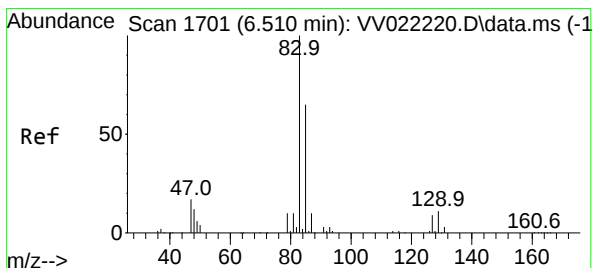
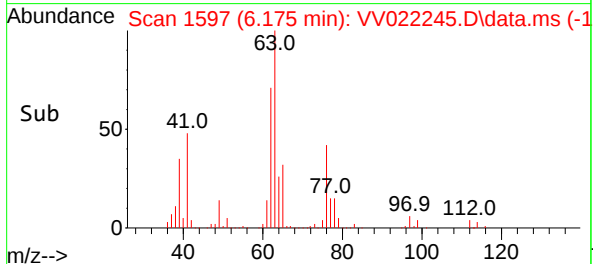
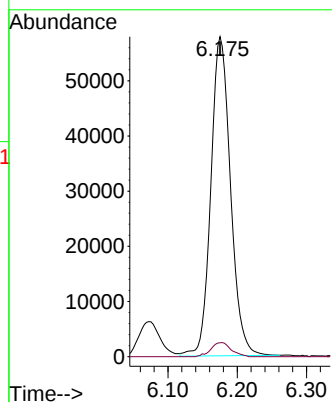
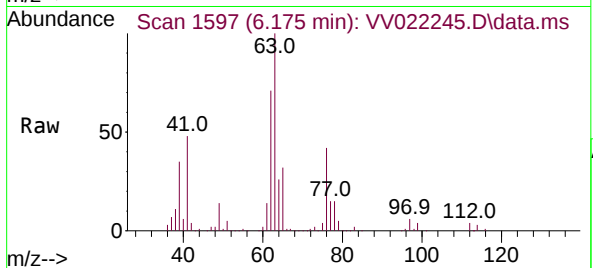




#37
1,2-Dichloropropane
Concen: 49.230 ug/L
RT: 6.175 min Scan# 1597
Delta R.T. 0.003 min
Lab File: VV022245.D
Acq: 20 Sep 2021 20:15

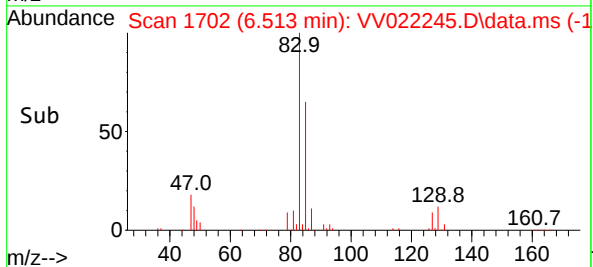
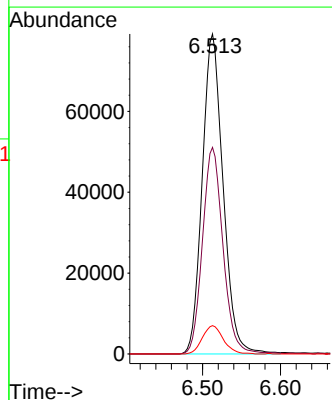
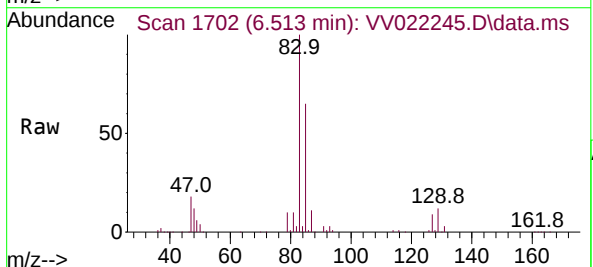
Instrument :
MSVOA_V
ClientSampled :

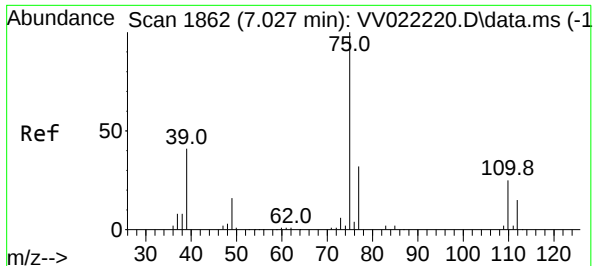
Tgt Ion: 63 Resp: 114037
Ion Ratio Lower Upper
63 100
112 4.6 3.8 5.6



#38
Bromodichloromethane
Concen: 49.695 ug/L
RT: 6.513 min Scan# 1702
Delta R.T. 0.003 min
Lab File: VV022245.D
Acq: 20 Sep 2021 20:15

Tgt Ion: 83 Resp: 147212
Ion Ratio Lower Upper
83 100
85 64.6 44.8 83.2
127 8.8 7.3 10.9

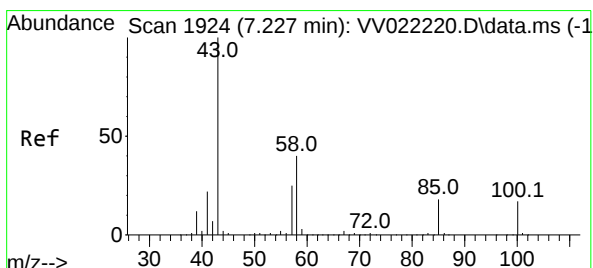
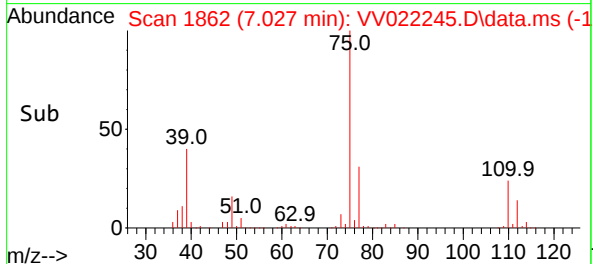
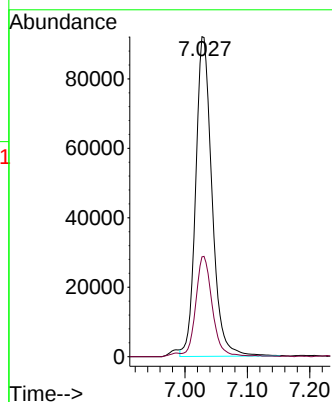
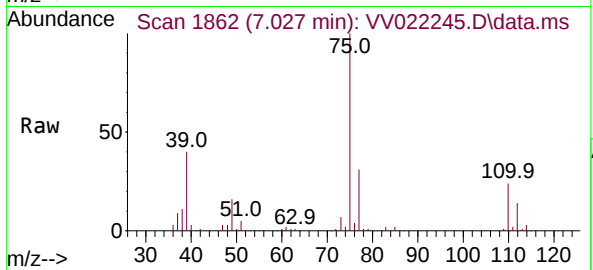




#39
 cis-1,3-Dichloropropene
 Concen: 46.742 ug/L
 RT: 7.027 min Scan# 1862
 Delta R.T. -0.000 min
 Lab File: VV022245.D
 Acq: 20 Sep 2021 20:15

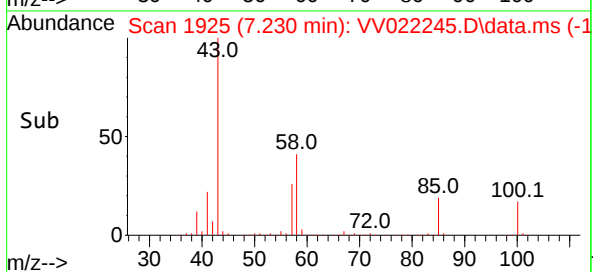
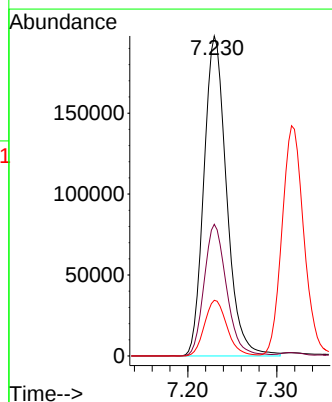
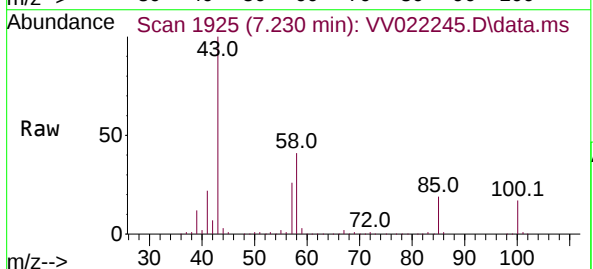
Instrument :
 MSVOA_V
 ClientSampleId :

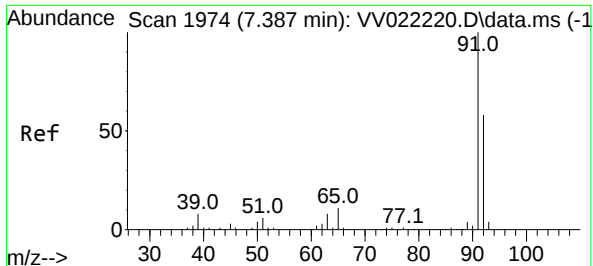
Tgt Ion: 75 Resp: 167166
 Ion Ratio Lower Upper
 75 100
 77 31.2 22.7 42.1



#40
 4-Methyl-2-pentanone
 Concen: 111.434 ug/L
 RT: 7.230 min Scan# 1925
 Delta R.T. 0.003 min
 Lab File: VV022245.D
 Acq: 20 Sep 2021 20:15

Tgt Ion: 43 Resp: 349946
 Ion Ratio Lower Upper
 43 100
 58 40.8 33.3 49.9
 100 17.3 14.5 21.7

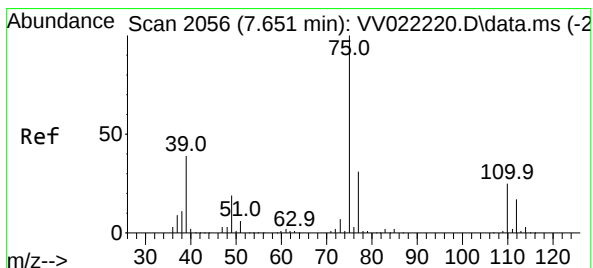
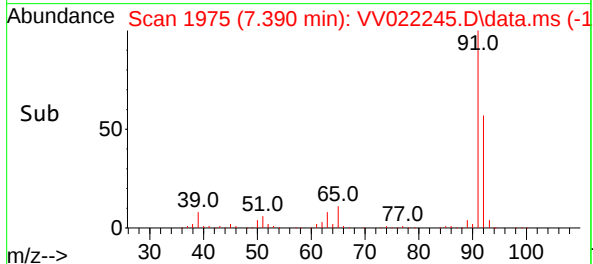
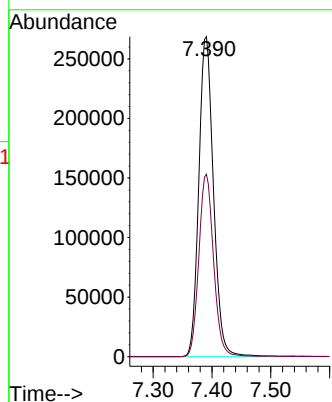
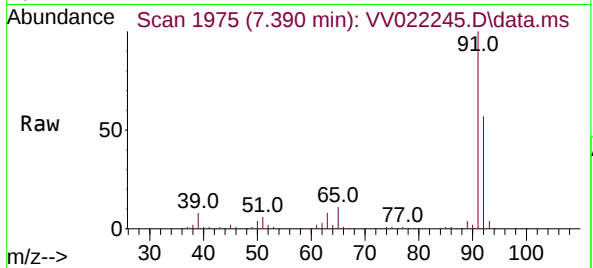




#42
Toluene
Concen: 48.295 ug/L
RT: 7.390 min Scan# 1975
Delta R.T. 0.003 min
Lab File: VV022245.D
Acq: 20 Sep 2021 20:15

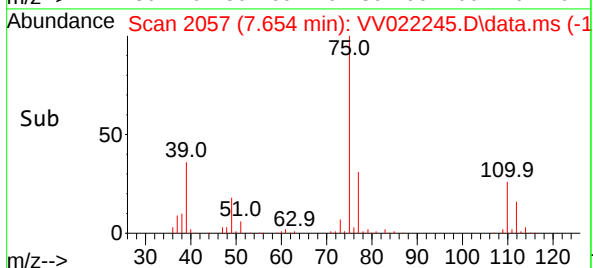
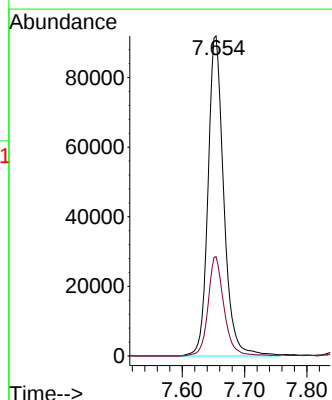
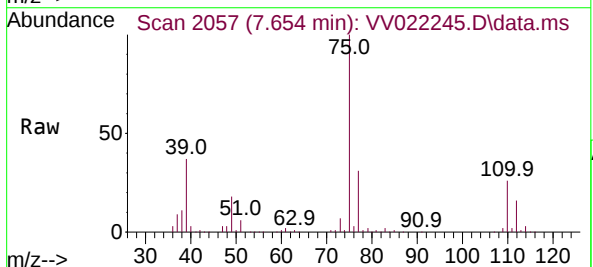
Instrument :
MSVOA_V
ClientSampled :

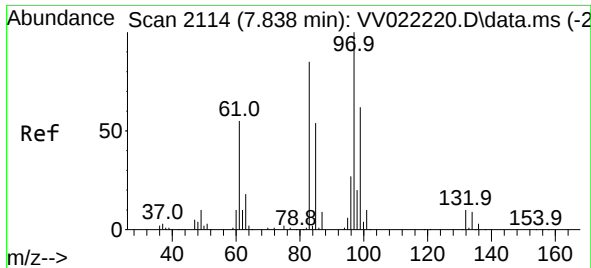
Tgt Ion: 91 Resp: 465789
Ion Ratio Lower Upper
91 100
92 57.0 40.3 74.8



#44
trans-1,3-Dichloropropene
Concen: 48.670 ug/L
RT: 7.654 min Scan# 2057
Delta R.T. 0.003 min
Lab File: VV022245.D
Acq: 20 Sep 2021 20:15

Tgt Ion: 75 Resp: 162001
Ion Ratio Lower Upper
75 100
77 31.1 21.8 40.6





#45

1,1,2-Trichloroethane

Concen: 50.747 ug/L

RT: 7.841 min Scan# 2115

Delta R.T. 0.003 min

Lab File: VV022245.D

Acq: 20 Sep 2021 20:15

Tgt Ion: 97 Resp: 119608

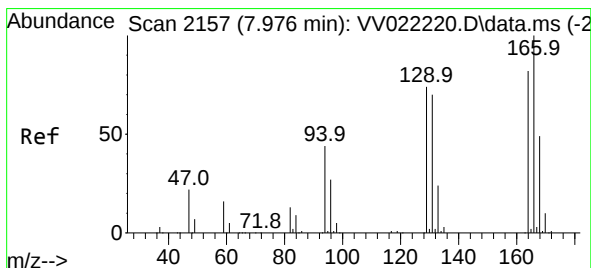
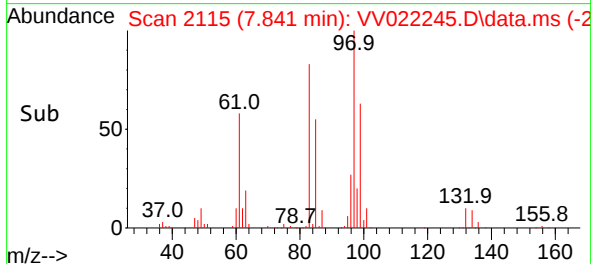
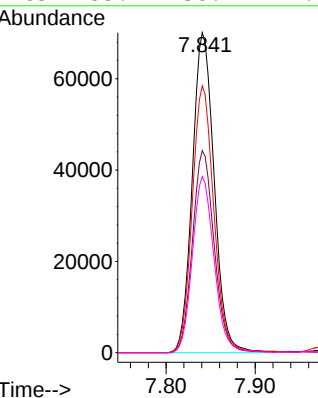
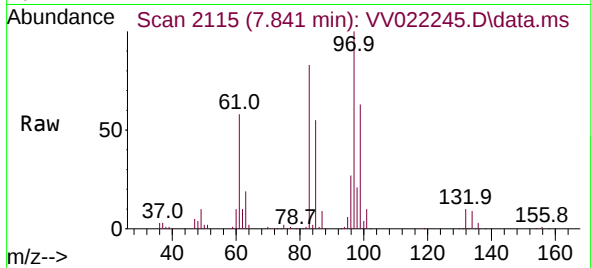
Ion Ratio Lower Upper

97 100

99 63.2 43.8 81.4

83 83.4 58.8 109.2

85 55.1 38.4 71.4



#46

Tetrachloroethene

Concen: 44.114 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.000 min

Lab File: VV022245.D

Acq: 20 Sep 2021 20:15

Tgt Ion:164 Resp: 86826

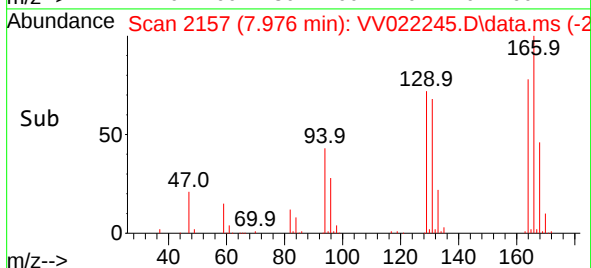
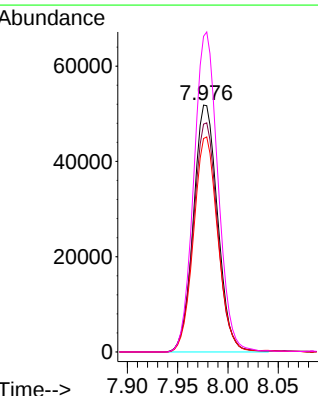
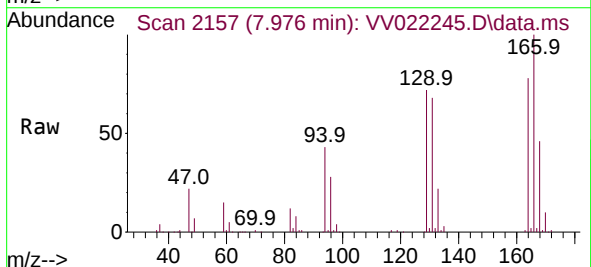
Ion Ratio Lower Upper

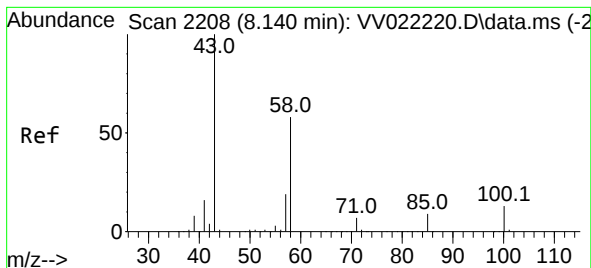
164 100

129 92.3 62.9 116.9

131 86.5 61.0 113.4

166 127.9 90.6 168.3





#48

2-Hexanone

Concen: 112.516 ug/L

RT: 8.143 min Scan# 2209

Delta R.T. 0.003 min

Lab File: VV022245.D

Acq: 20 Sep 2021 20:15

Tgt Ion: 43 Resp: 274156

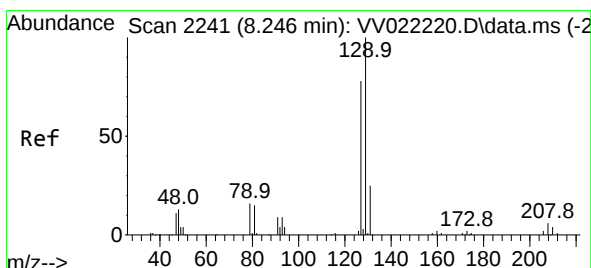
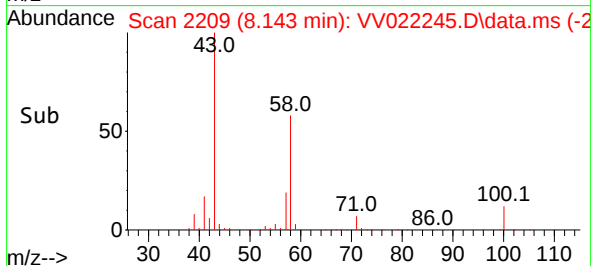
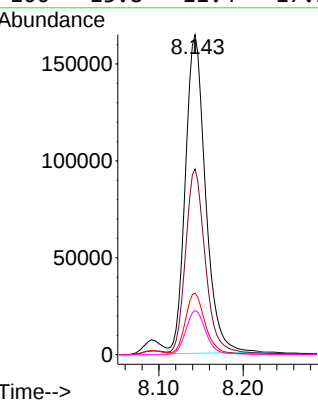
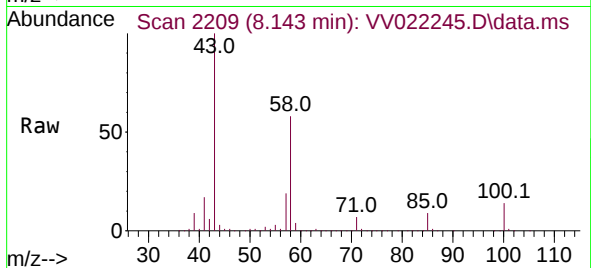
Ion Ratio Lower Upper

43 100

58 57.2 47.5 71.3

57 19.0 15.9 23.9

100 13.8 11.4 17.2



#49

Dibromochloromethane

Concen: 49.507 ug/L

RT: 8.249 min Scan# 2242

Delta R.T. 0.003 min

Lab File: VV022245.D

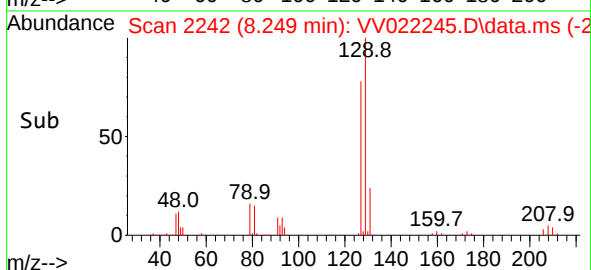
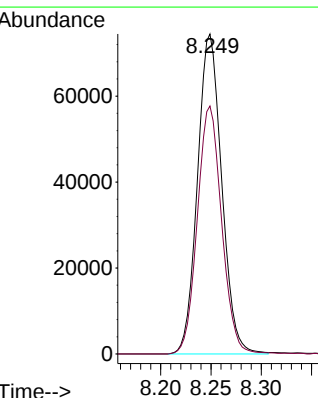
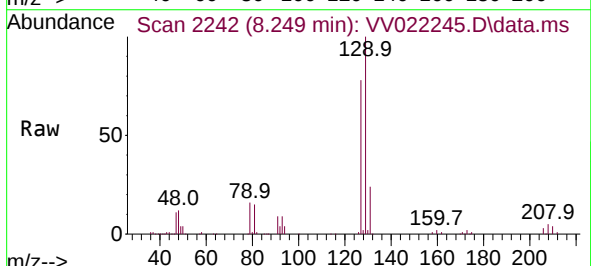
Acq: 20 Sep 2021 20:15

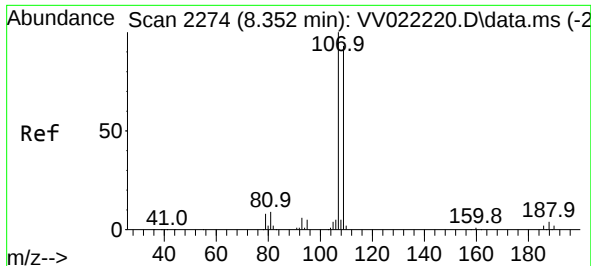
Tgt Ion: 129 Resp: 124901

Ion Ratio Lower Upper

129 100

127 77.5 54.1 100.5





#50

1,2-Dibromoethane

Concen: 49.329 ug/L

RT: 8.355 min Scan# 2275

Delta R.T. 0.003 min

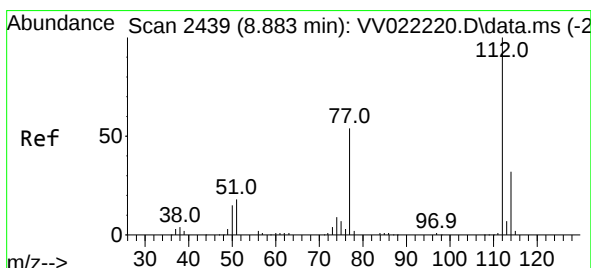
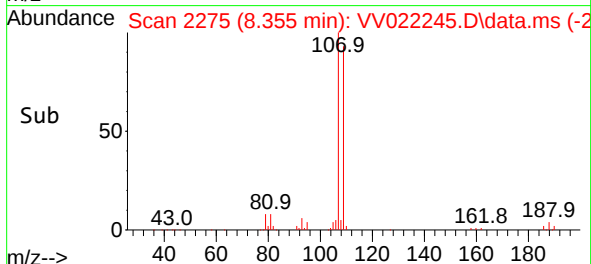
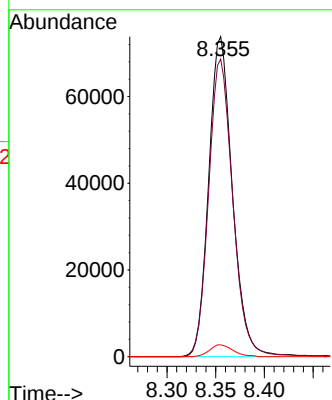
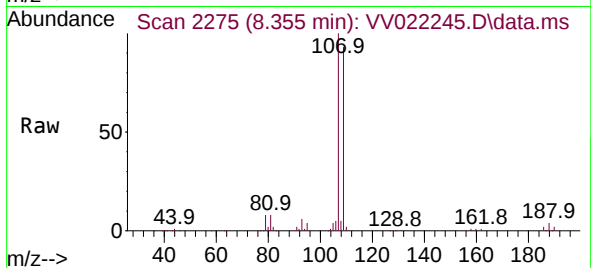
Lab File: VV022245.D

Acq: 20 Sep 2021 20:15

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:107 Resp: 124779

Ion	Ratio	Lower	Upper
107	100		
109	93.0	65.5	121.6
188	3.7	3.2	4.8



#51

Chlorobenzene

Concen: 46.869 ug/L

RT: 8.882 min Scan# 2439

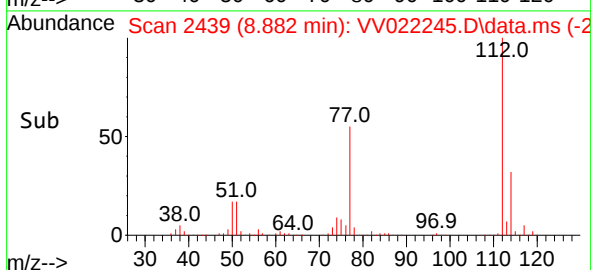
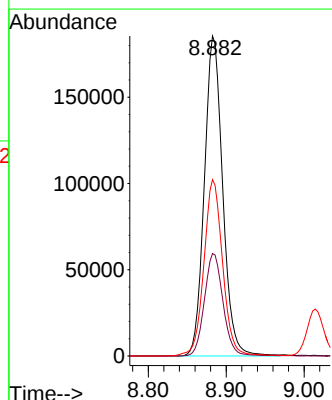
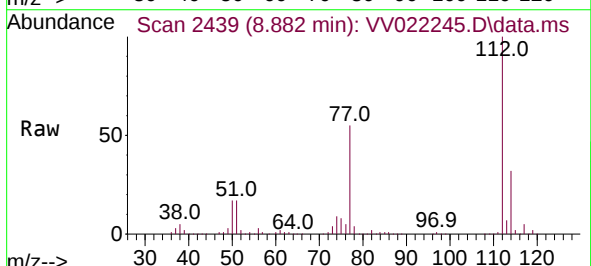
Delta R.T. -0.000 min

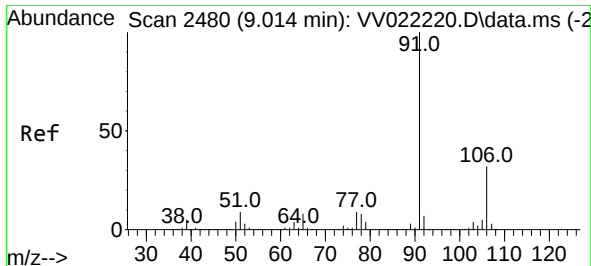
Lab File: VV022245.D

Acq: 20 Sep 2021 20:15

Tgt Ion:112 Resp: 303921

Ion	Ratio	Lower	Upper
112	100		
114	32.0	22.0	41.0
77	55.1	43.2	64.8





#52

Ethylbenzene

Concen: 46.619 ug/L

RT: 9.014 min Scan# 2480

Delta R.T. -0.000 min

Lab File: VV022245.D

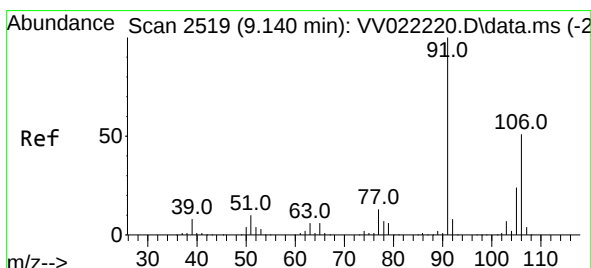
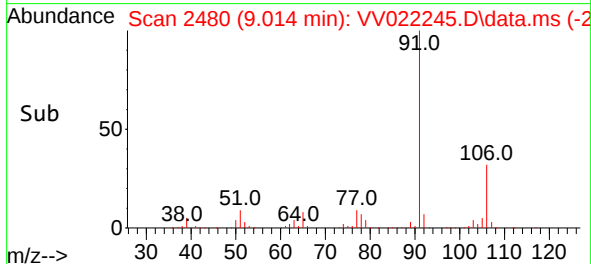
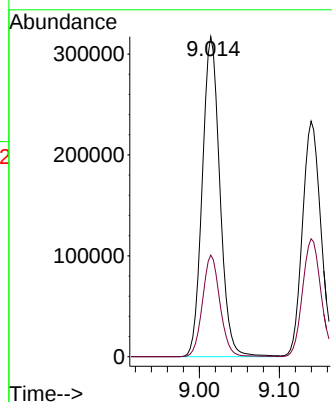
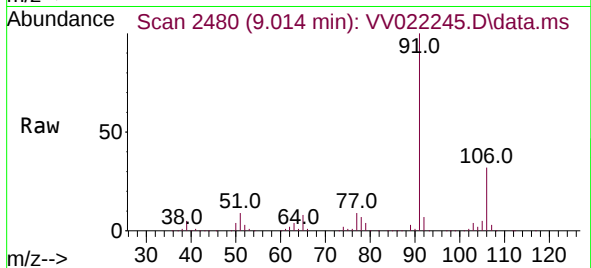
Acq: 20 Sep 2021 20:15

Tgt Ion: 91 Resp: 486733

Ion Ratio Lower Upper

91 100

106 31.7 21.7 40.3



#53

m,p-Xylene

Concen: 46.529 ug/L

RT: 9.140 min Scan# 2519

Delta R.T. -0.000 min

Lab File: VV022245.D

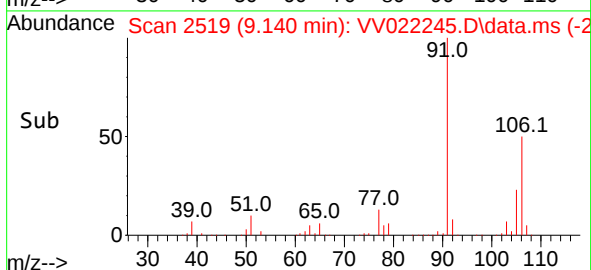
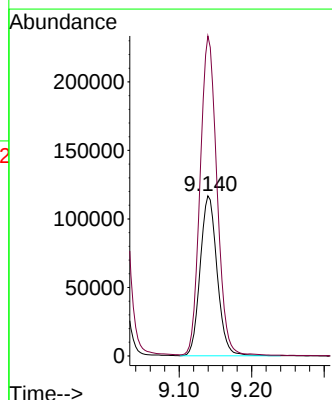
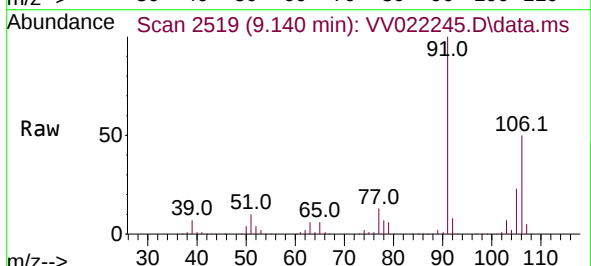
Acq: 20 Sep 2021 20:15

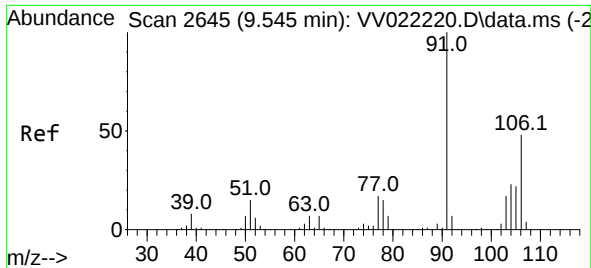
Tgt Ion: 106 Resp: 188819

Ion Ratio Lower Upper

106 100

91 199.8 139.1 258.3

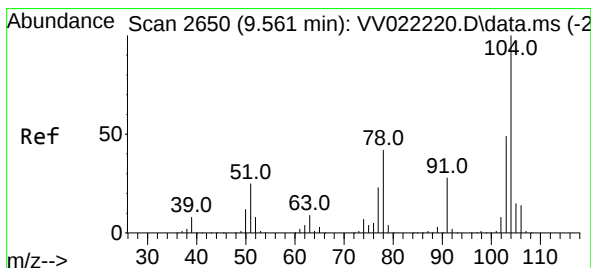
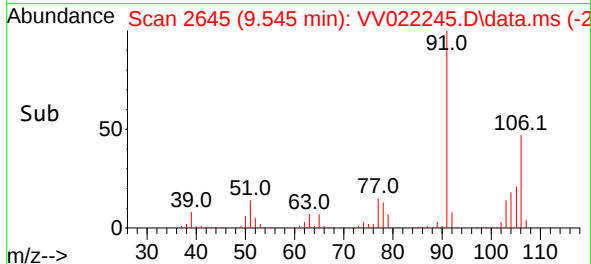
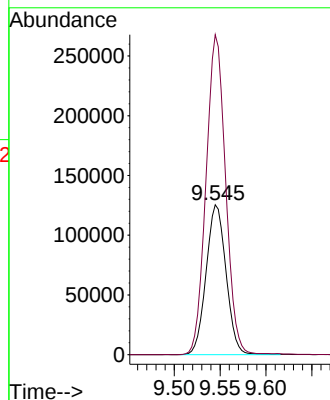
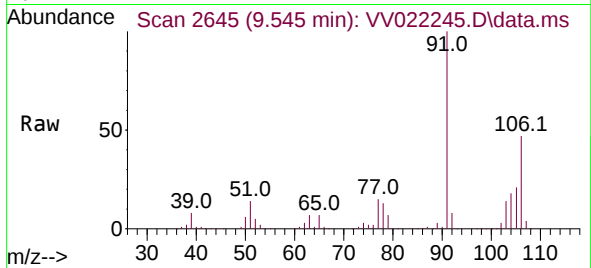




#54
o-Xylene
Concen: 47.228 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. -0.000 min
Lab File: VV022245.D
Acq: 20 Sep 2021 20:15

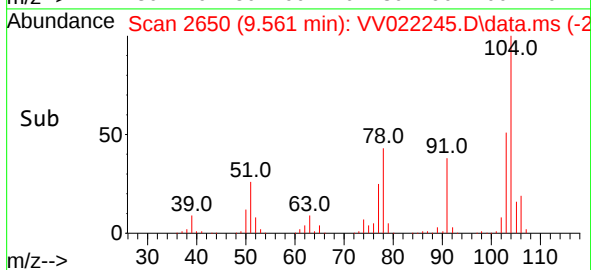
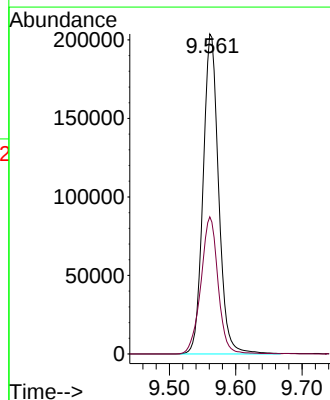
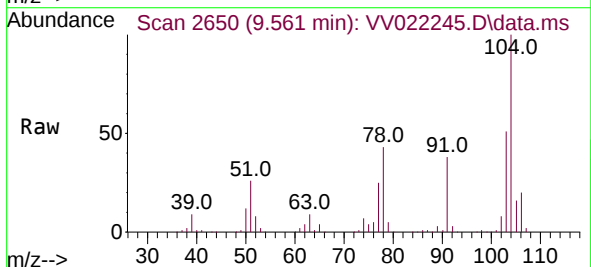
Instrument :
MSVOA_V
ClientSampleId :

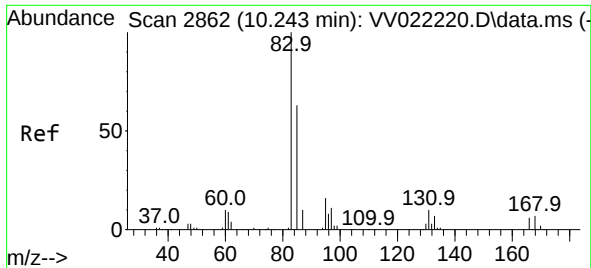
Tgt Ion:106 Resp: 189630
Ion Ratio Lower Upper
106 100
91 213.5 150.1 278.9



#55
Styrene
Concen: 48.470 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. -0.000 min
Lab File: VV022245.D
Acq: 20 Sep 2021 20:15

Tgt Ion:104 Resp: 332136
Ion Ratio Lower Upper
104 100
78 42.8 28.6 53.2

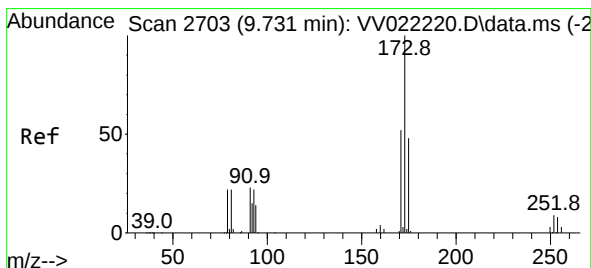
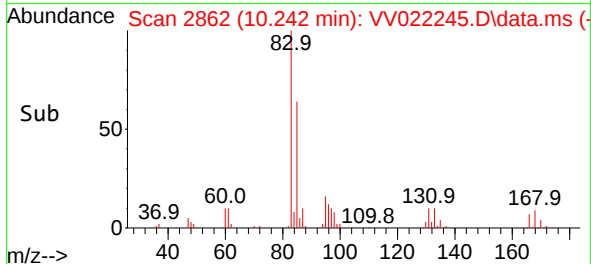
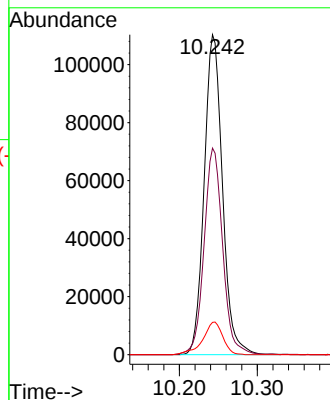
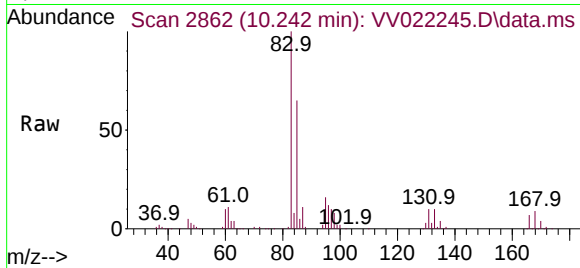




#57
1,1,2,2-Tetrachloroethane
Concen: 52.622 ug/L
RT: 10.242 min Scan# 2862
Delta R.T. -0.000 min
Lab File: VV022245.D
Acq: 20 Sep 2021 20:15

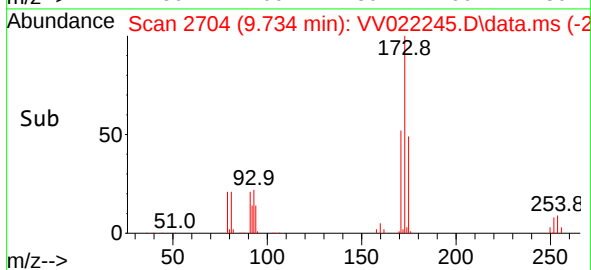
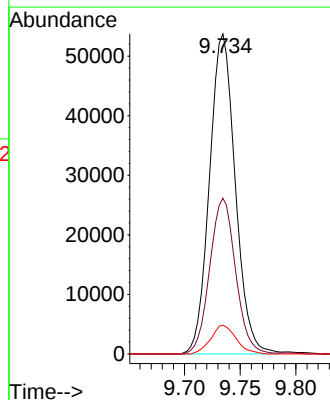
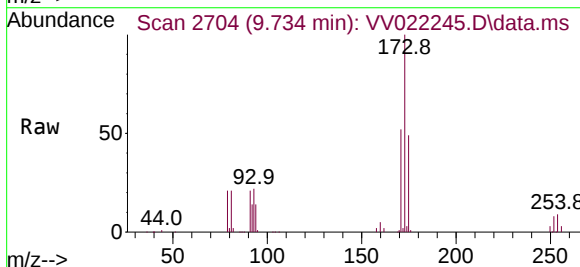
Instrument :
MSVOA_V
ClientSampled :

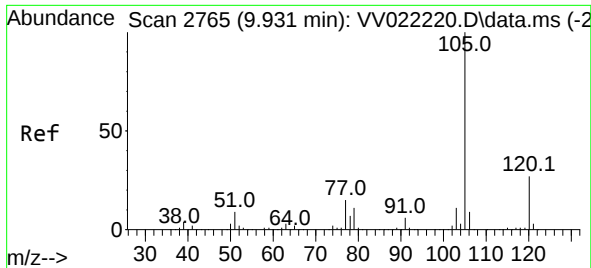
Tgt Ion: 83 Resp: 179701
Ion Ratio Lower Upper
83 100
85 64.5 44.7 83.1
131 10.1 8.2 12.2



#59
Bromoform
Concen: 51.887 ug/L
RT: 9.734 min Scan# 2704
Delta R.T. 0.003 min
Lab File: VV022245.D
Acq: 20 Sep 2021 20:15

Tgt Ion: 173 Resp: 86544
Ion Ratio Lower Upper
173 100
175 48.7 38.8 58.2
254 8.8 7.0 10.4

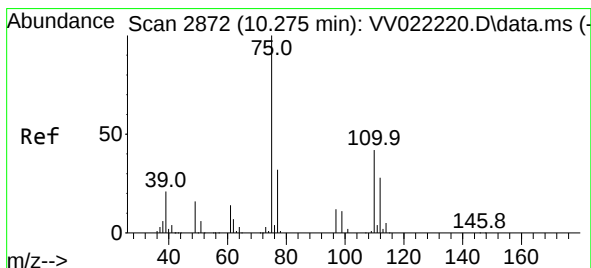
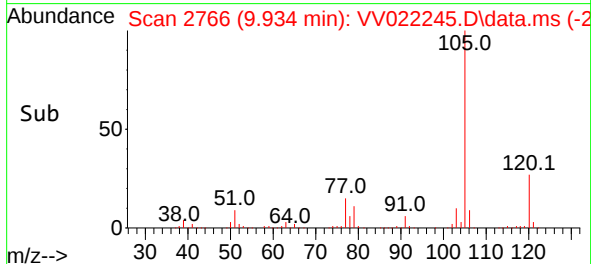
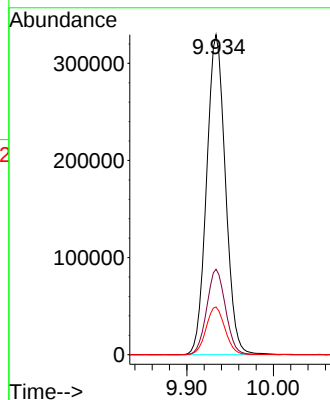
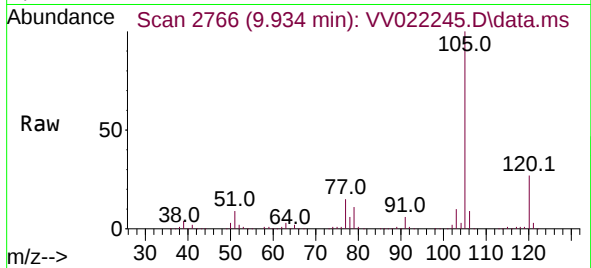




#60
Isopropylbenzene
Concen: 50.418 ug/L
RT: 9.934 min Scan# 2766
Delta R.T. 0.003 min
Lab File: VV022245.D
Acq: 20 Sep 2021 20:15

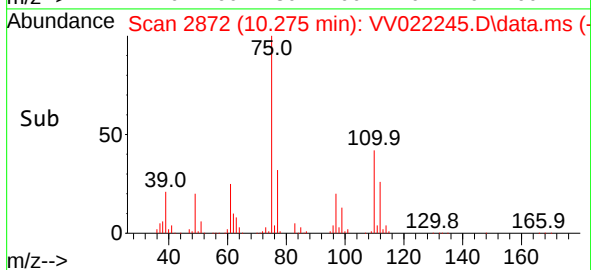
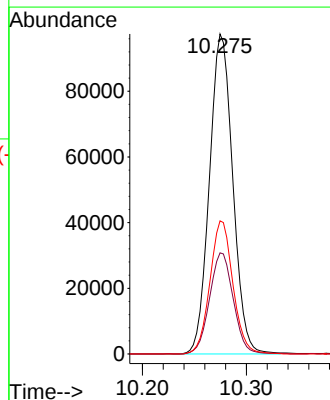
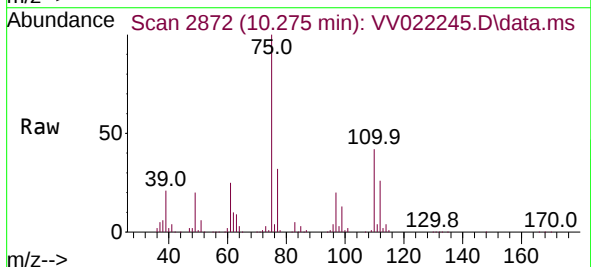
Instrument :
MSVOA_V
ClientSampleId :

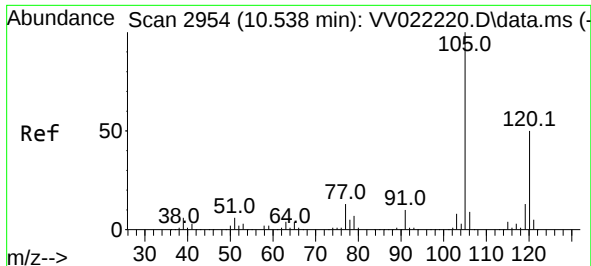
Tgt Ion:105 Resp: 497507
Ion Ratio Lower Upper
105 100
120 26.7 21.5 32.3
77 15.0 11.8 17.6



#61
1,2,3-Trichloropropane
Concen: 55.966 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. -0.000 min
Lab File: VV022245.D
Acq: 20 Sep 2021 20:15

Tgt Ion: 75 Resp: 152325
Ion Ratio Lower Upper
75 100
77 31.9 26.2 39.2
110 41.0 33.8 50.6

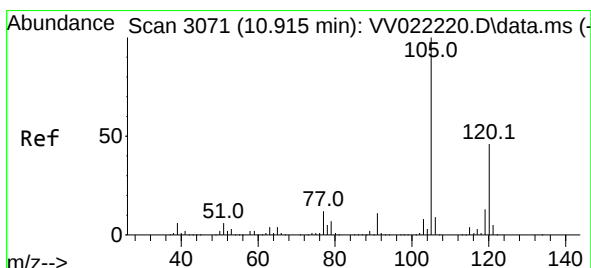
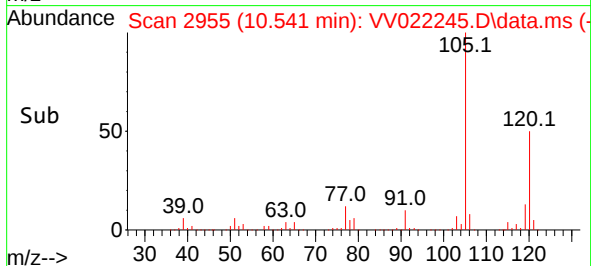
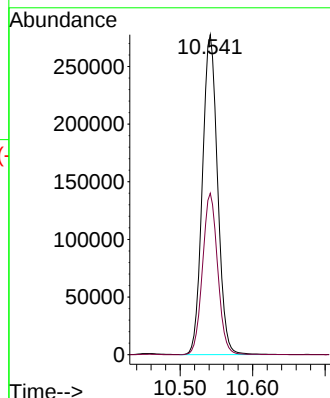
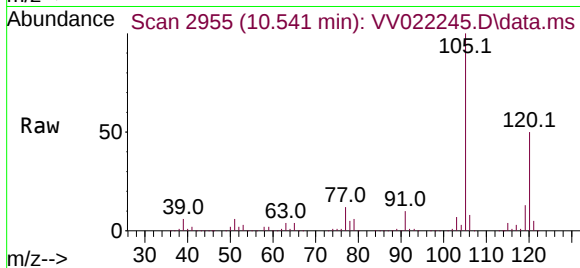




#62
1,3,5-Trimethylbenzene
Concen: 48.738 ug/L
RT: 10.541 min Scan# 2955
Delta R.T. 0.003 min
Lab File: VV022245.D
Acq: 20 Sep 2021 20:15

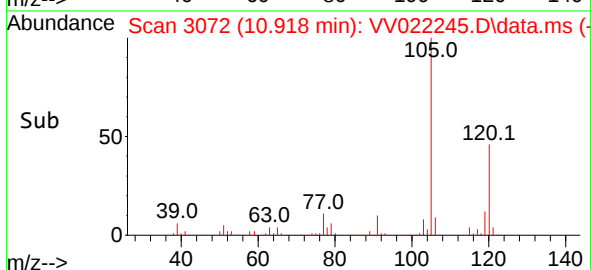
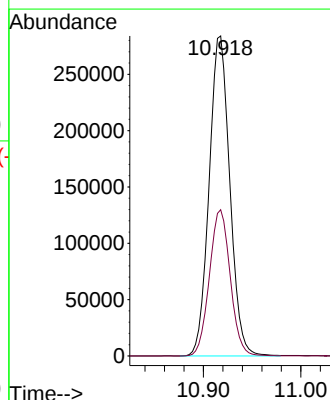
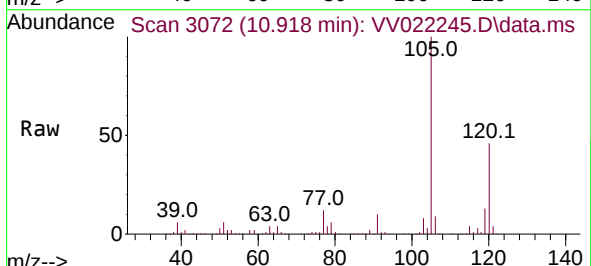
Instrument :
MSVOA_V
ClientSampleId :

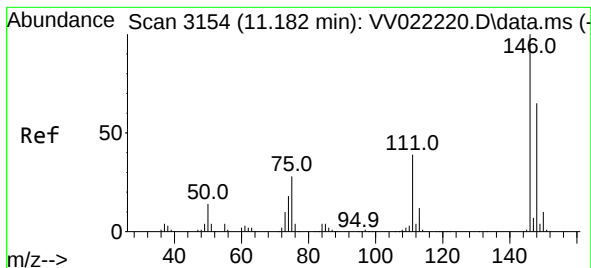
Tgt Ion:105 Resp: 403756
Ion Ratio Lower Upper
105 100
120 50.3 39.6 59.4



#63
1,2,4-Trimethylbenzene
Concen: 49.790 ug/L
RT: 10.918 min Scan# 3072
Delta R.T. 0.003 min
Lab File: VV022245.D
Acq: 20 Sep 2021 20:15

Tgt Ion:105 Resp: 419249
Ion Ratio Lower Upper
105 100
120 46.0 37.4 56.0

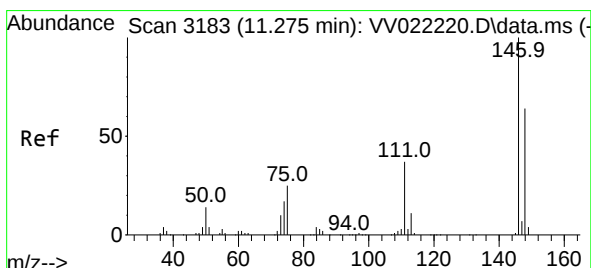
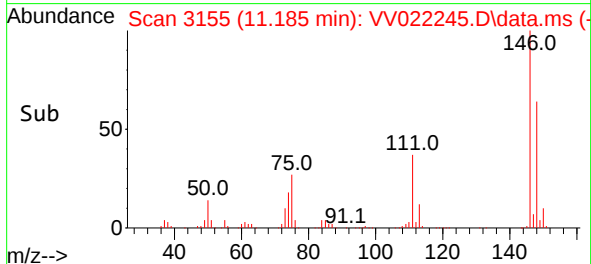
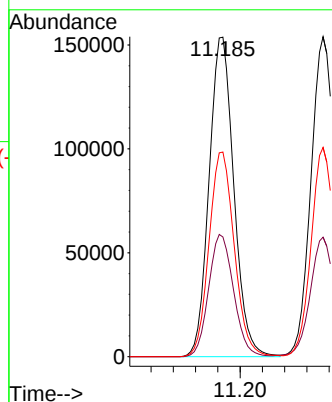
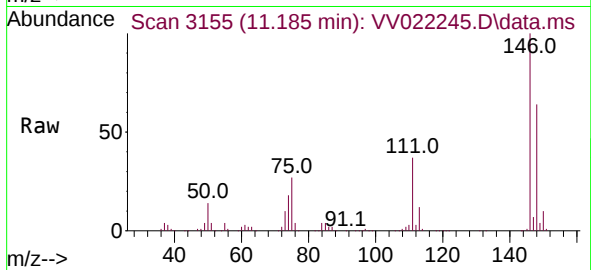




#64
1,3-Dichlorobenzene
Concen: 47.378 ug/L
RT: 11.185 min Scan# 3155
Delta R.T. 0.003 min
Lab File: VV022245.D
Acq: 20 Sep 2021 20:15

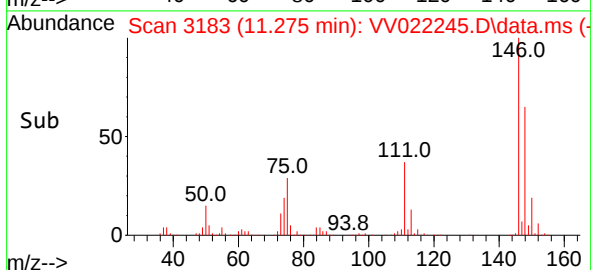
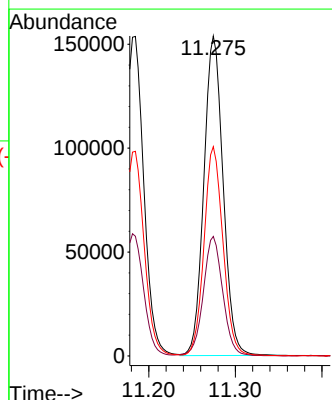
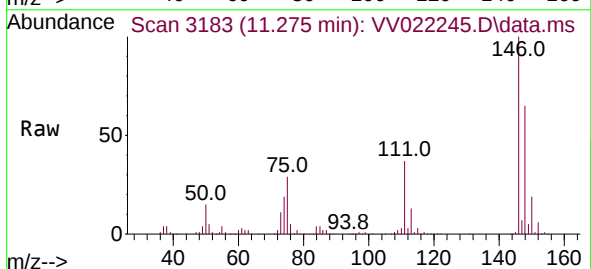
Instrument :
MSVOA_V
ClientSampled :

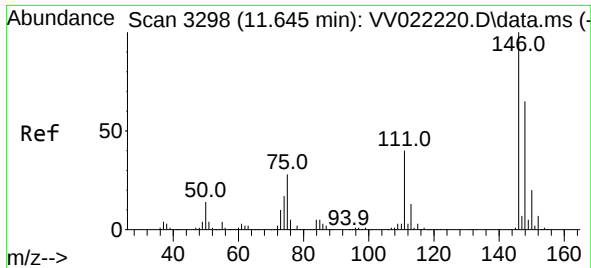
Tgt Ion:146 Resp: 237369
Ion Ratio Lower Upper
146 100
111 37.4 26.9 50.1
148 64.0 45.5 84.5



#65
1,4-Dichlorobenzene
Concen: 46.348 ug/L
RT: 11.275 min Scan# 3183
Delta R.T. -0.000 min
Lab File: VV022245.D
Acq: 20 Sep 2021 20:15

Tgt Ion:146 Resp: 237613
Ion Ratio Lower Upper
146 100
111 37.4 25.3 46.9
148 65.4 44.4 82.5

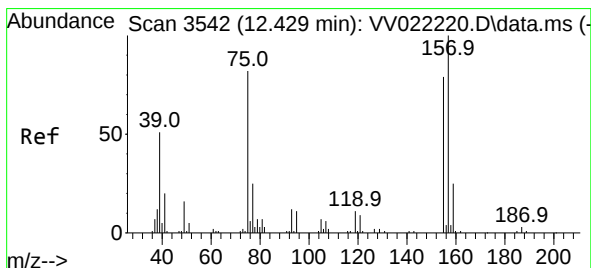
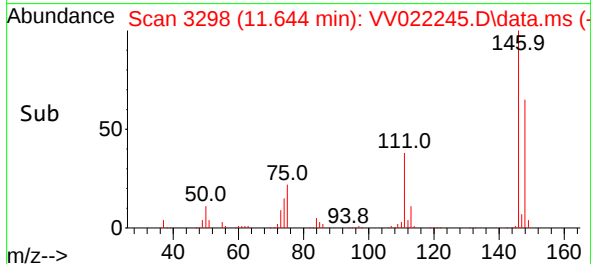
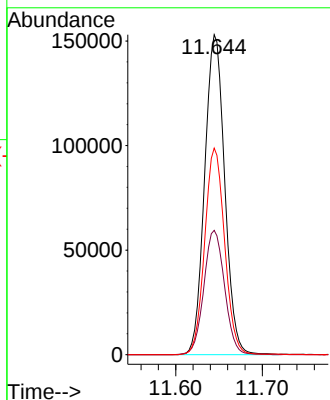
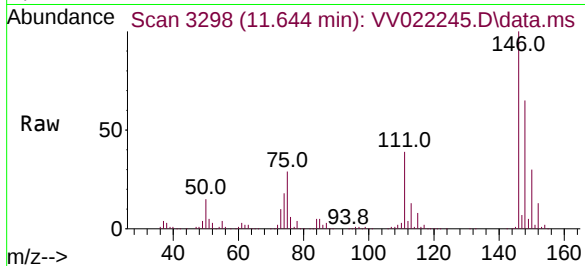




#67
1,2-Dichlorobenzene
Concen: 49.498 ug/L
RT: 11.644 min Scan# 3298
Delta R.T. -0.000 min
Lab File: VV022245.D
Acq: 20 Sep 2021 20:15

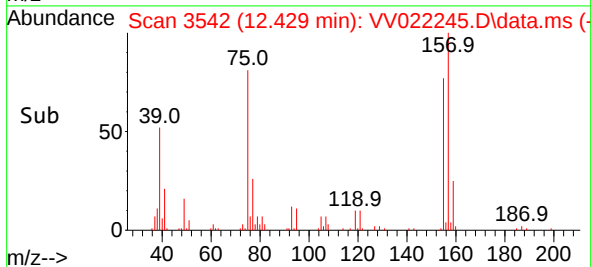
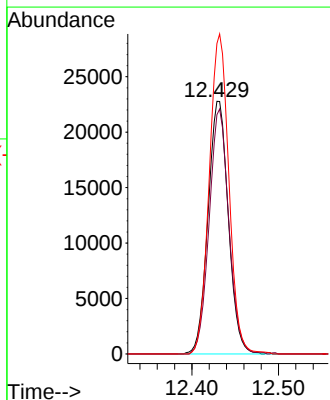
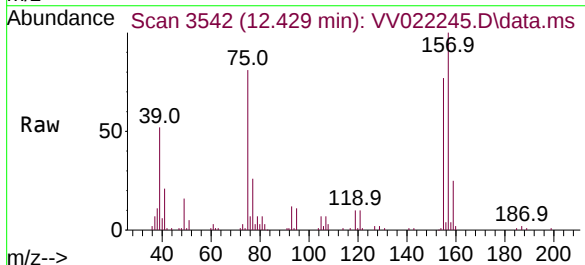
Instrument :
MSVOA_V
ClientSampleId :

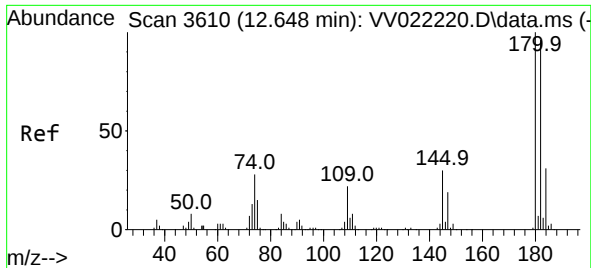
Tgt Ion:146 Resp: 246241
Ion Ratio Lower Upper
146 100
111 38.9 31.6 47.4
148 64.5 50.6 75.8



#68
1,2-Dibromo-3-chloropropane
Concen: 56.561 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. -0.000 min
Lab File: VV022245.D
Acq: 20 Sep 2021 20:15

Tgt Ion: 75 Resp: 37102
Ion Ratio Lower Upper
75 100
155 94.7 79.8 119.6
157 122.9 98.3 147.5



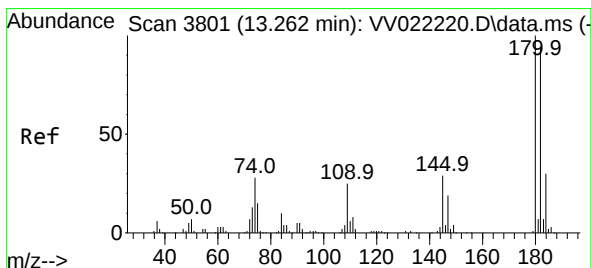
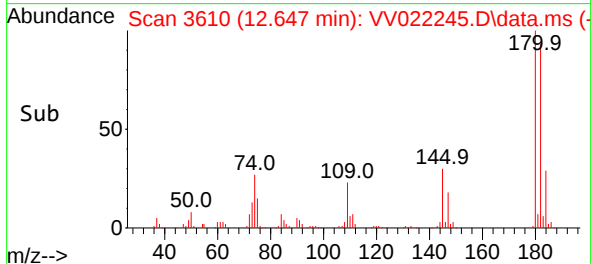
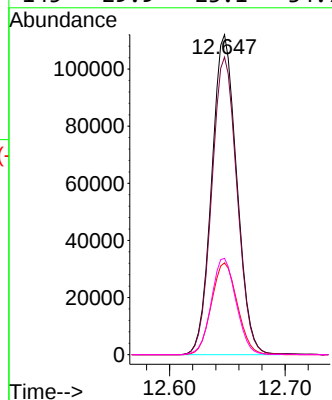
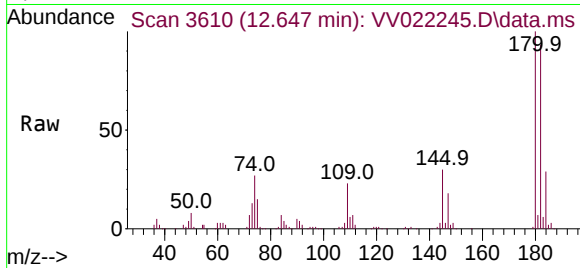


#69
 1,3,5-Trichlorobenzene
 Concen: 45.035 ug/L
 RT: 12.647 min Scan# 3610
 Delta R.T. -0.000 min
 Lab File: VV022245.D
 Acq: 20 Sep 2021 20:15

Instrument :
 MSVOA_V
 ClientSampleId :

Tgt Ion:180 Resp: 168713

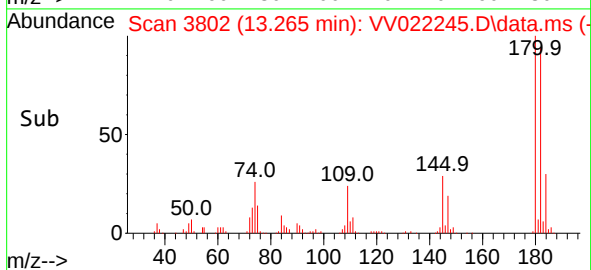
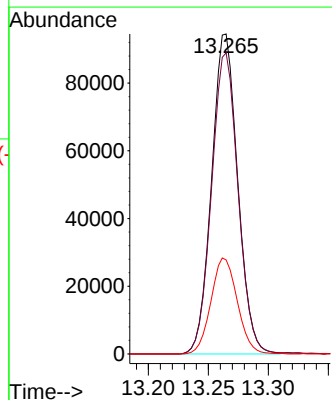
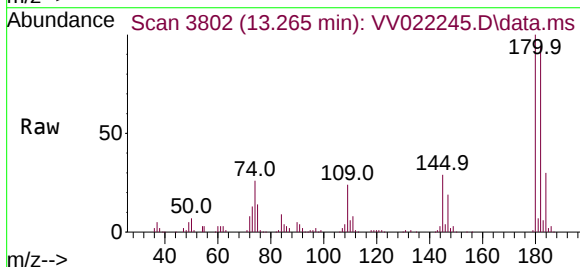
Ion	Ratio	Lower	Upper
180	100		
182	94.0	76.4	114.6
184	29.6	24.0	36.0
145	29.9	23.1	34.7

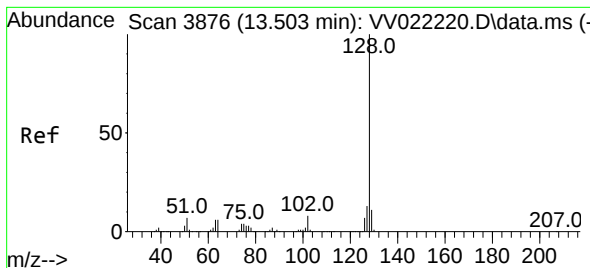


#70
 1,2,4-trichlorobenzene
 Concen: 43.407 ug/L
 RT: 13.265 min Scan# 3802
 Delta R.T. 0.003 min
 Lab File: VV022245.D
 Acq: 20 Sep 2021 20:15

Tgt Ion:180 Resp: 143049

Ion	Ratio	Lower	Upper
180	100		
182	95.4	75.9	113.9
145	30.2	23.8	35.6

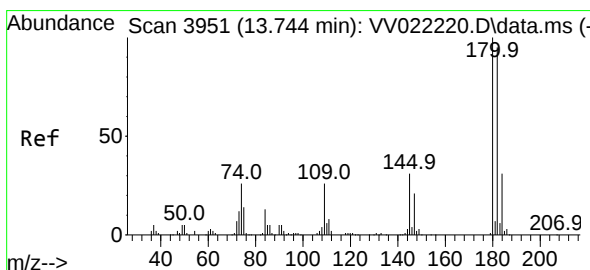
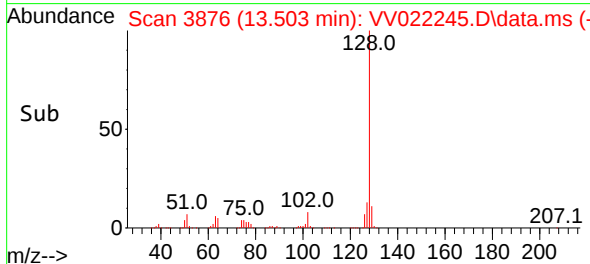
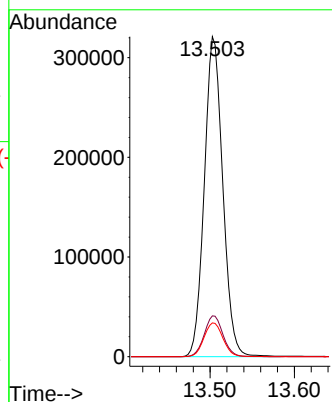
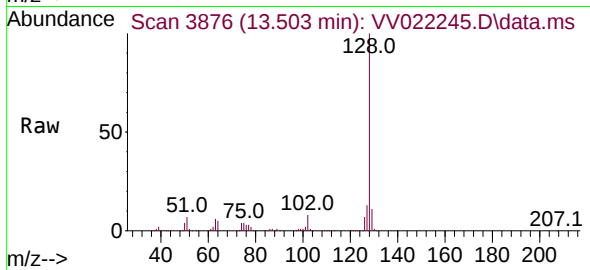




#71
Naphthalene
Concen: 51.678 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. -0.000 min
Lab File: VV022245.D
Acq: 20 Sep 2021 20:15

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 489902
Ion Ratio Lower Upper
128 100
127 13.0 10.1 15.1
129 10.9 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 48.022 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. -0.000 min
Lab File: VV022245.D
Acq: 20 Sep 2021 20:15

Tgt Ion:180 Resp: 154361
Ion Ratio Lower Upper
180 100
182 96.1 76.3 114.5
145 31.9 25.4 38.0

