

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090221\
 Data File : VV022077.D
 Acq On : 02 Sep 2021 15:46
 Operator : SY/MD
 Sample : M3608-20MS
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 03 01:01:14 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 03 00:59:14 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	368158	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	345060	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	187532	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	103003	40.401	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.800%
7) Chloroethane-d5	1.561	69	83051	41.713	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.420%
11) 1,1-Dichloroethene-d2	2.108	63	183103	43.425	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.860%
21) 2-Butanone-d5	3.876	46	165793	94.819	ug/L	-0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.820%
24) Chloroform-d	4.352	84	213173	45.855	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.720%
26) 1,2-Dichloroethane-d4	5.034	65	127090	46.413	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.820%
32) Benzene-d6	5.050	84	425617	45.476	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.960%
36) 1,2-Dichloropropane-d6	6.069	67	131402	44.644	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.280%
41) Toluene-d8	7.317	98	396307	44.857	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.720%
43) trans-1,3-Dichloroprop...	7.622	79	63798	45.540	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.080%
47) 2-Hexanone-d5	8.088	63	127270	112.693	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	112.690%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	185962	49.332	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.660%
66) 1,2-Dichlorobenzene-d4	11.625	152	164978	44.750	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.500%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	98310	38.848	ug/L	100
3) Chloromethane	1.240	50	99301	37.057	ug/L	99
5) Vinyl chloride	1.307	62	104522	38.699	ug/L	98
6) Bromomethane	1.513	94	59482	36.630	ug/L	98
8) Chloroethane	1.577	64	67262	39.809	ug/L	98
9) Trichlorofluoromethane	1.748	101	169045	43.951	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	94276	41.790	ug/L	98
12) 1,1-Dichloroethene	2.114	96	87787	41.339	ug/L	96
13) Acetone	2.163	43	101984	69.612	ug/L #	75
14) Carbon disulfide	2.291	76	249525	38.941	ug/L	100
15) Methyl Acetate	2.426	43	122040	42.775	ug/L	99
16) Methylene chloride	2.507	84	117252	41.211	ug/L	99
17) trans-1,2-Dichloroethene	2.757	96	107131	41.723	ug/L	100
18) Methyl tert-butyl Ether	2.767	73	366446	44.911	ug/L	100
19) 1,1-Dichloroethane	3.188	63	198083	43.315	ug/L	99
20) cis-1,2-Dichloroethene	3.912	96	124354	43.514	ug/L	96
22) 2-Butanone	3.960	43	163491	79.390	ug/L	96
23) Bromochloromethane	4.249	128	64864	42.619	ug/L	98
25) Chloroform	4.378	83	207392	42.841	ug/L	98

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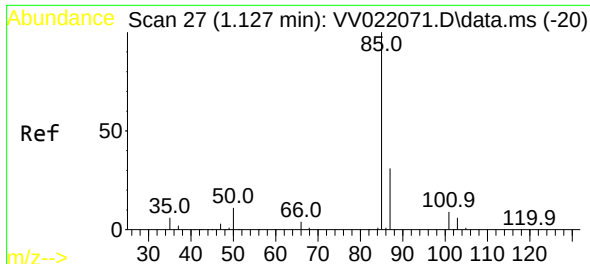
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	147259	45.380	ug/L	100
29) Cyclohexane	4.677	56	167535	43.433	ug/L	99
30) 1,1,1-Trichloroethane	4.609	97	183236	44.680	ug/L	99
31) Carbon tetrachloride	4.828	117	157295	44.643	ug/L	100
33) Benzene	5.101	78	571171	56.894	ug/L	100
34) Trichloroethene	5.915	95	115636	40.664	ug/L	98
35) Methylcyclohexane	6.133	83	178044	42.828	ug/L	98
37) 1,2-Dichloropropane	6.175	63	116145	44.631	ug/L	100
38) Bromodichloromethane	6.513	83	149411	44.895	ug/L	97
39) cis-1,3-Dichloropropene	7.027	75	185380	46.139	ug/L	98
40) 4-Methyl-2-pentanone	7.227	43	333679	94.580	ug/L	99
42) Toluene	7.387	91	939419	86.700	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	174720	46.724	ug/L	99
45) 1,1,2-Trichloroethane	7.841	97	119805	45.246	ug/L	99
46) Tetrachloroethene	7.979	164	96829	43.791	ug/L	99
48) 2-Hexanone	8.140	43	247606	90.454	ug/L	99
49) Dibromochloromethane	8.249	129	131258	46.310	ug/L	97
50) 1,2-Dibromoethane	8.355	107	127864	44.994	ug/L	98
51) Chlorobenzene	8.882	112	320356	43.975	ug/L	99
52) Ethylbenzene	9.014	91	1913201	163.113	ug/L	99
53) m,p-Xylene	9.140	106	621605	136.347	ug/L	99
54) o-Xylene	9.545	106	456665	101.236	ug/L	96
55) Styrene	9.561	104	397590	51.647	ug/L	93
57) 1,1,2,2-Tetrachloroethane	10.243	83	189328	49.350	ug/L	99
59) Bromoform	9.735	173	94902	47.647	ug/L	100
60) Isopropylbenzene	9.934	105	558144	47.366	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	145532	44.777	ug/L	99
62) 1,3,5-Trimethylbenzene	10.542	105	586253	59.261	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	867547	86.278	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	264332	44.181	ug/L	99
65) 1,4-Dichlorobenzene	11.275	146	263353	43.016	ug/L	99
67) 1,2-Dichlorobenzene	11.644	146	260636	43.874	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.429	75	46843	59.800	ug/L	97
69) 1,3,5-Trichlorobenzene	12.648	180	211305	47.233	ug/L	99
70) 1,2,4-trichlorobenzene	13.265	180	201682	51.248	ug/L	99
72) 1,2,3-Trichlorobenzene	13.747	180	187778	48.920	ug/L	97

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

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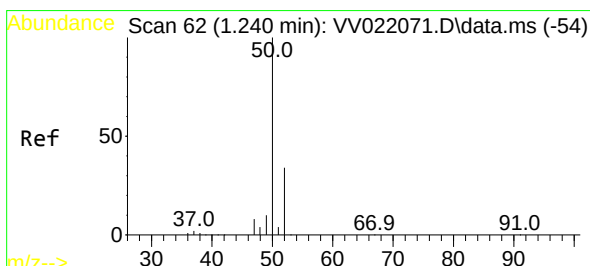
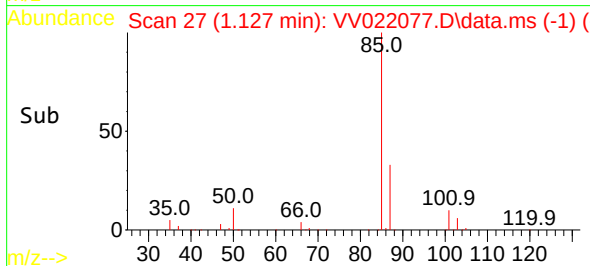
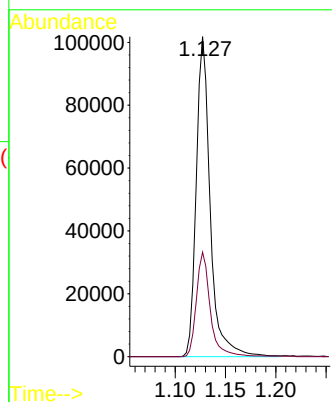
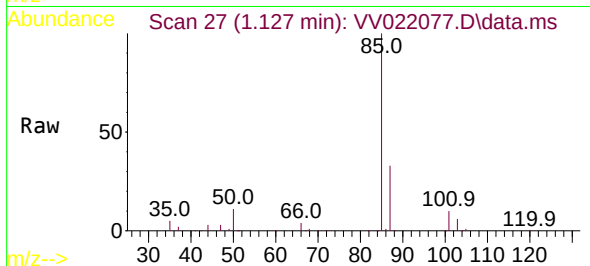




#2
Dichlorodifluoromethane
Concen: 38.848 ug/L
RT: 1.127 min Scan# 27
Delta R.T. 0.000 min
Lab File: VV022077.D
Acq: 02 Sep 2021 15:46

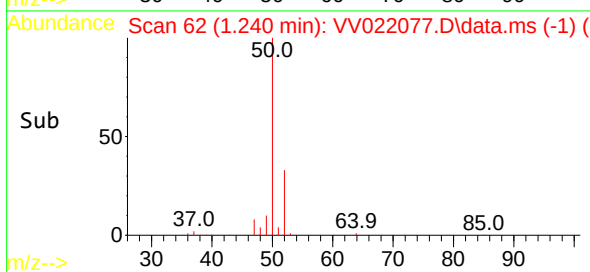
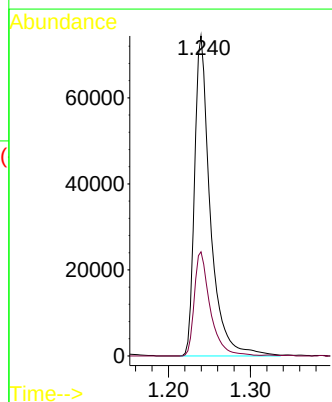
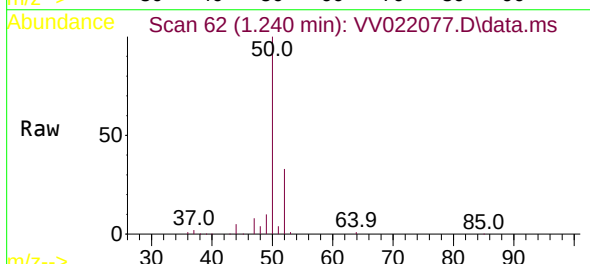
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MSVOA_V
ClientSampleId :

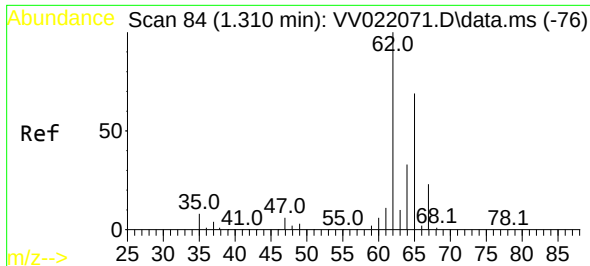
Tgt Ion: 85 Resp: 98310
Ion Ratio Lower Upper
85 100
87 32.6 26.0 39.0



#3
Chloromethane
Concen: 37.057 ug/L
RT: 1.240 min Scan# 62
Delta R.T. 0.000 min
Lab File: VV022077.D
Acq: 02 Sep 2021 15:46

Tgt Ion: 50 Resp: 99301
Ion Ratio Lower Upper
50 100
52 32.5 22.5 41.9

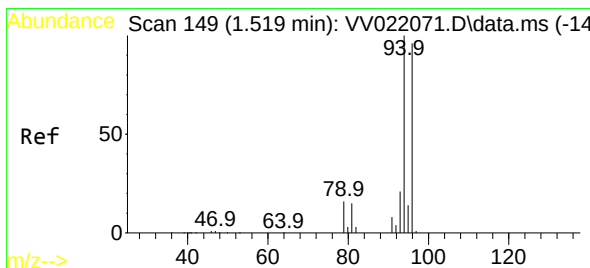
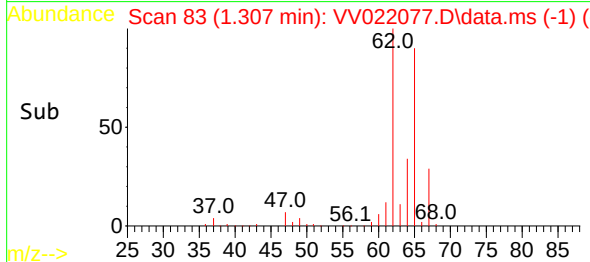
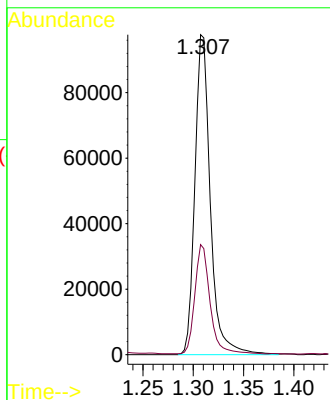
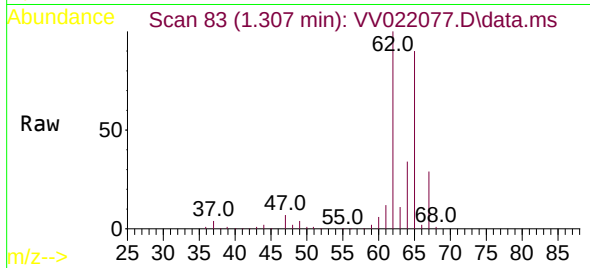




#5
 Vinyl chloride
 Concen: 38.699 ug/L
 RT: 1.307 min Scan# 83
 Delta R.T. -0.003 min
 Lab File: VV022077.D
 Acq: 02 Sep 2021 15:46

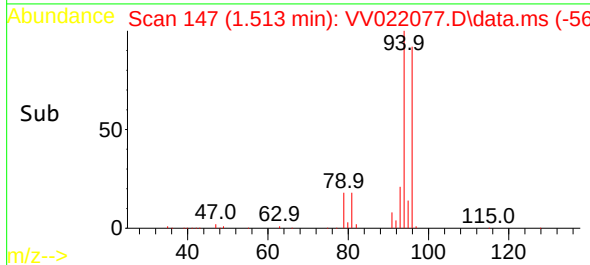
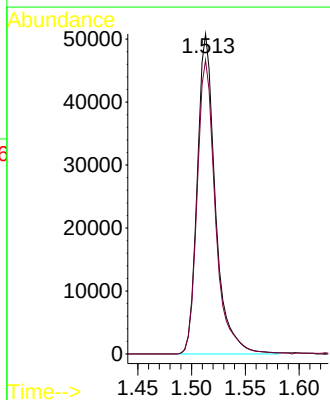
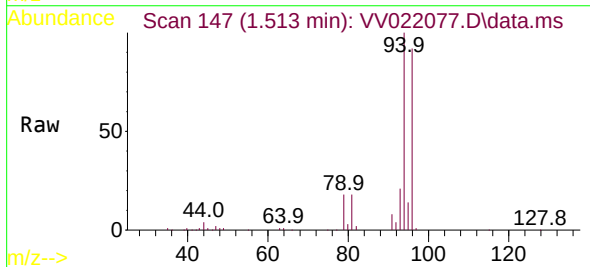
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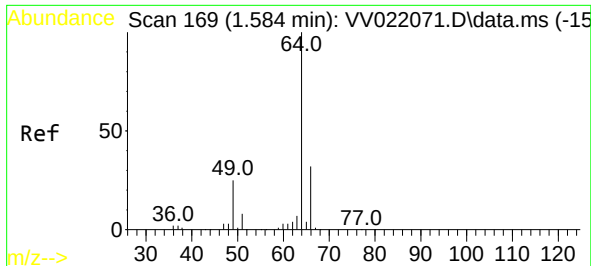
Tgt Ion: 62 Resp: 104522
 Ion Ratio Lower Upper
 62 100
 64 34.4 23.4 43.6



#6
 Bromomethane
 Concen: 36.630 ug/L
 RT: 1.513 min Scan# 147
 Delta R.T. -0.006 min
 Lab File: VV022077.D
 Acq: 02 Sep 2021 15:46

Tgt Ion: 94 Resp: 59482
 Ion Ratio Lower Upper
 94 100
 96 91.8 65.8 122.2

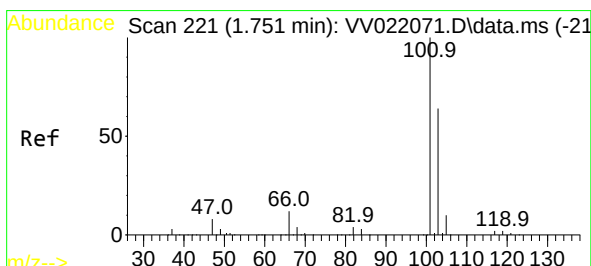
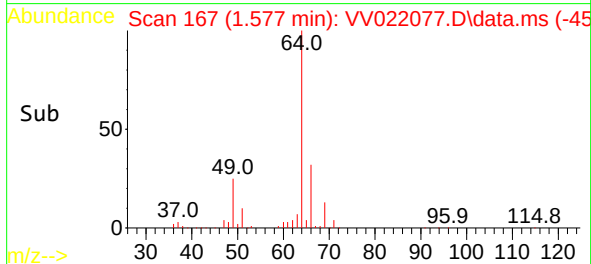
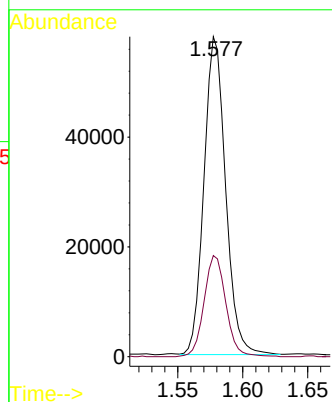
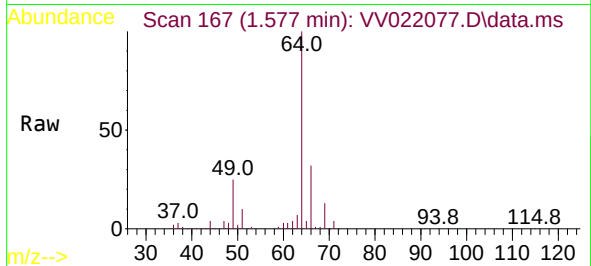




#8
Chloroethane
Concen: 39.809 ug/L
RT: 1.577 min Scan# 167
Delta R.T. -0.006 min
Lab File: VV022077.D
Acq: 02 Sep 2021 15:46

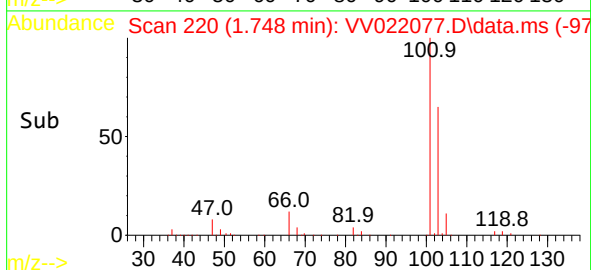
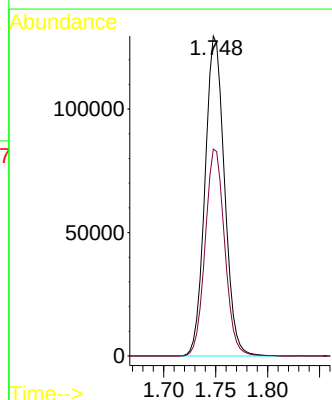
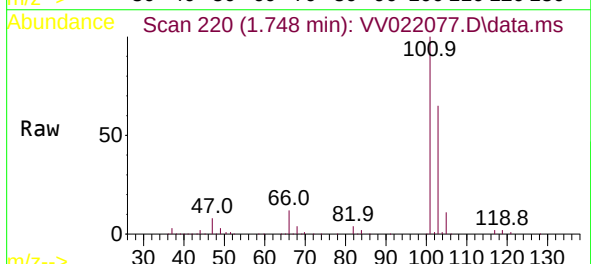
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MSVOA_V
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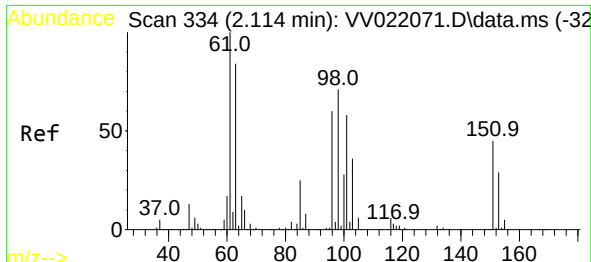
Tgt Ion: 64 Resp: 67262
Ion Ratio Lower Upper
64 100
66 31.6 22.7 42.3



#9
Trichlorofluoromethane
Concen: 43.951 ug/L
RT: 1.748 min Scan# 220
Delta R.T. -0.003 min
Lab File: VV022077.D
Acq: 02 Sep 2021 15:46

Tgt Ion:101 Resp: 169045
Ion Ratio Lower Upper
101 100
103 64.6 51.4 77.0

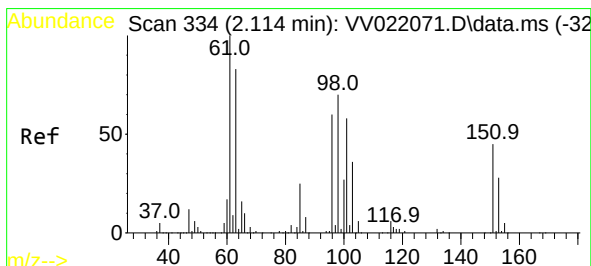
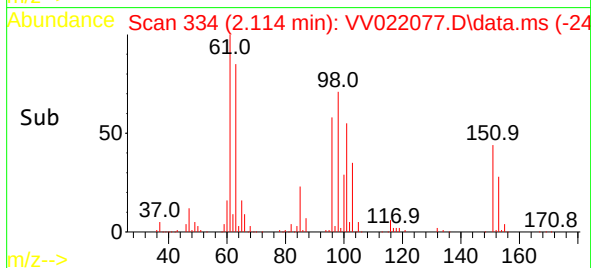
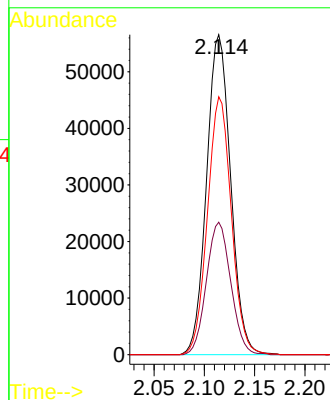
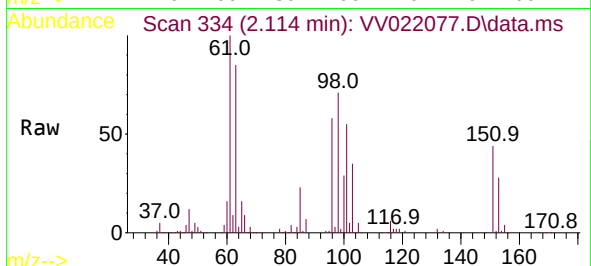




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 41.790 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. 0.000 min
 Lab File: VV022077.D
 Acq: 02 Sep 2021 15:46

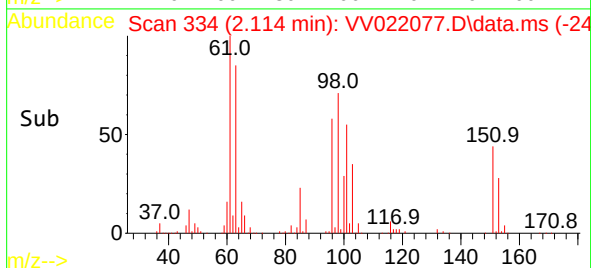
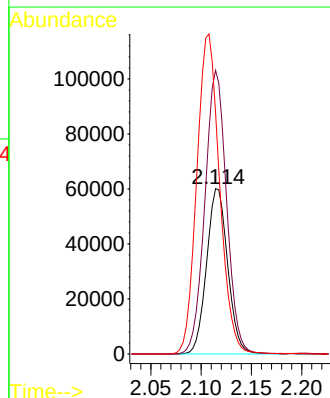
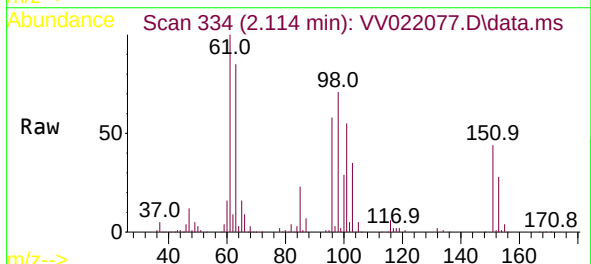
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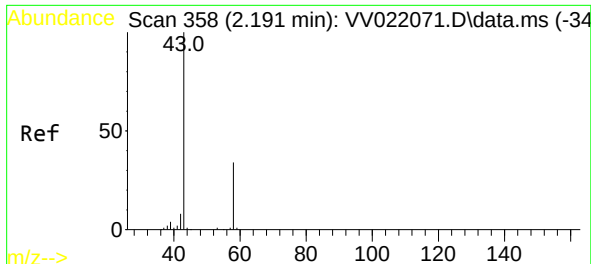
Tgt Ion:101 Resp: 94276
 Ion Ratio Lower Upper
 101 100
 85 41.8 33.4 50.0
 151 80.1 61.7 92.5



#12
 1,1-Dichloroethene
 Concen: 41.339 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. 0.000 min
 Lab File: VV022077.D
 Acq: 02 Sep 2021 15:46

Tgt Ion: 96 Resp: 87787
 Ion Ratio Lower Upper
 96 100
 61 171.7 113.2 210.2
 63 146.2 102.3 189.9

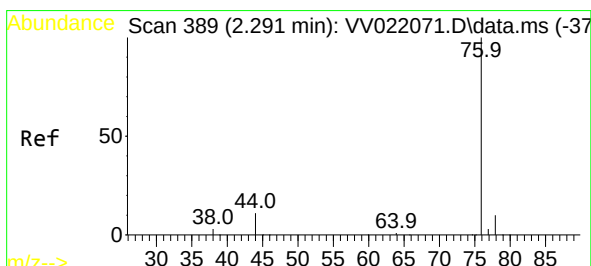
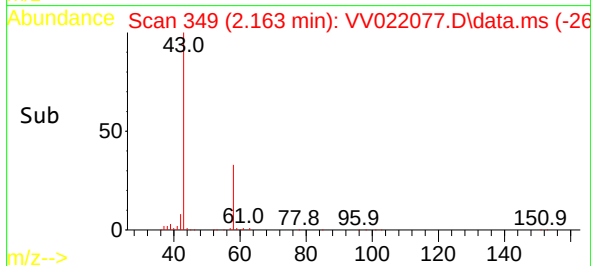
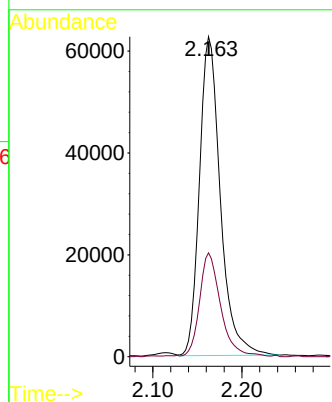
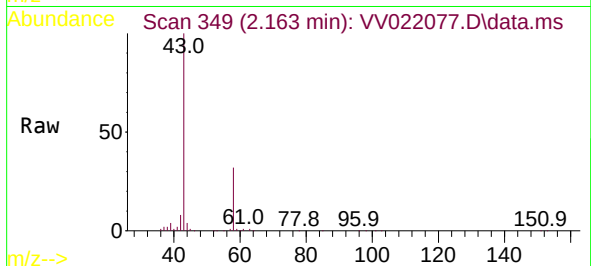




#13
Acetone
Concen: 69.612 ug/L
RT: 2.163 min Scan# 349
Delta R.T. -0.029 min
Lab File: VV022077.D
Acq: 02 Sep 2021 15:46

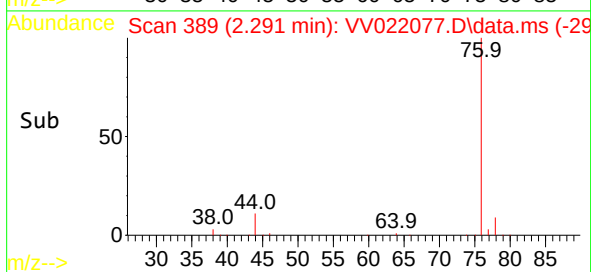
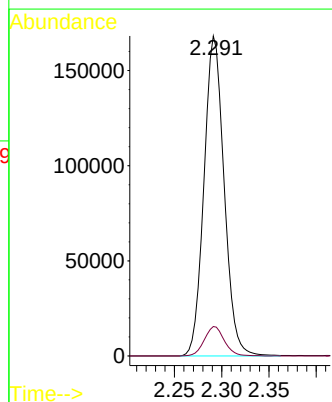
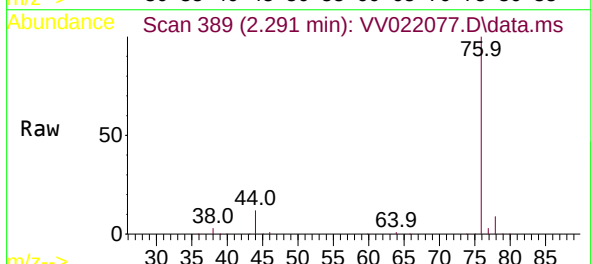
Instrument :
MSVOA_V
ClientSampled :

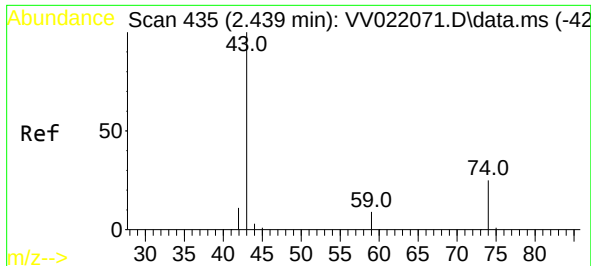
Tgt Ion: 43 Resp: 101984
Ion Ratio Lower Upper
43 100
58 32.8 0.0 0.4#



#14
Carbon disulfide
Concen: 38.941 ug/L
RT: 2.291 min Scan# 389
Delta R.T. 0.000 min
Lab File: VV022077.D
Acq: 02 Sep 2021 15:46

Tgt Ion: 76 Resp: 249525
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.2

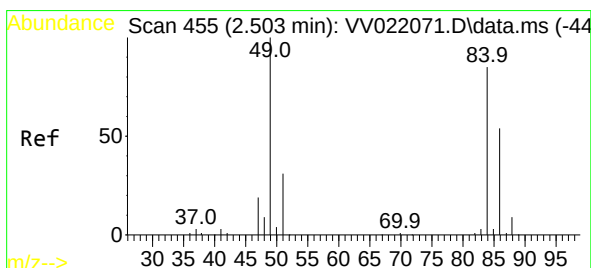
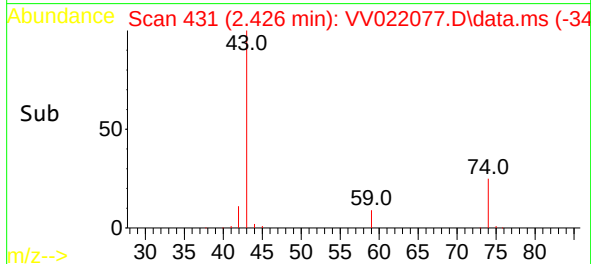
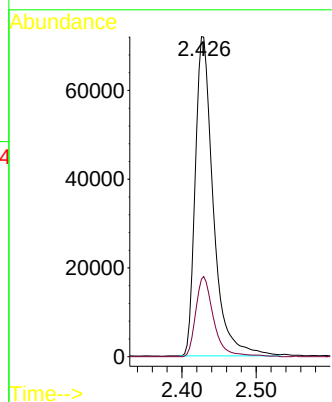
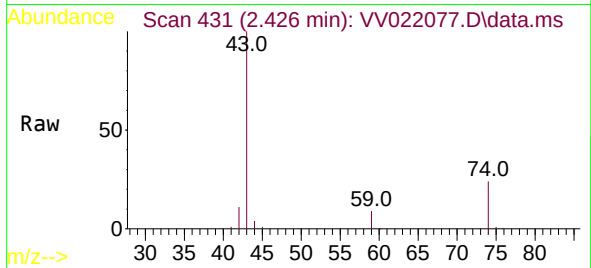




#15
Methyl Acetate
Concen: 42.775 ug/L
RT: 2.426 min Scan# 431
Delta R.T. -0.013 min
Lab File: VV022077.D
Acq: 02 Sep 2021 15:46

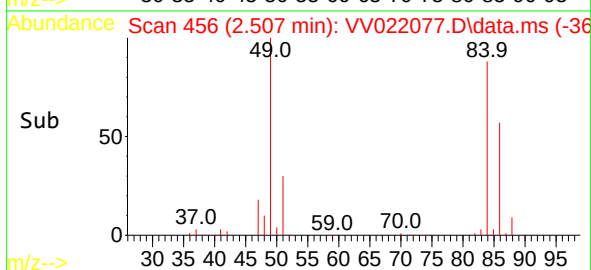
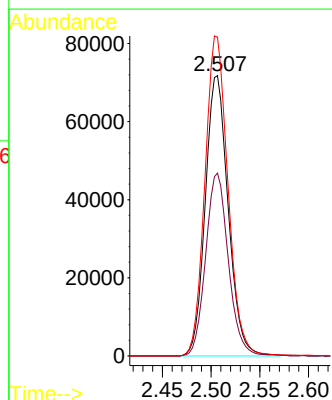
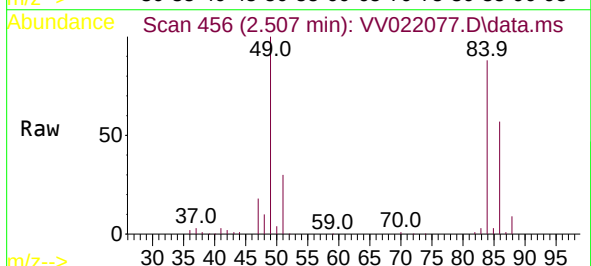
Instrument :
MSVOA_V
ClientSampled :

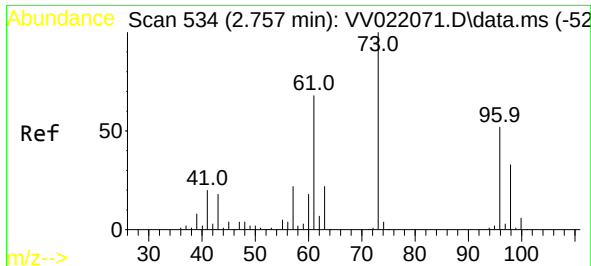
Tgt Ion: 43 Resp: 122040
Ion Ratio Lower Upper
43 100
74 24.6 20.2 30.2



#16
Methylene chloride
Concen: 41.211 ug/L
RT: 2.507 min Scan# 456
Delta R.T. 0.003 min
Lab File: VV022077.D
Acq: 02 Sep 2021 15:46

Tgt Ion: 84 Resp: 117252
Ion Ratio Lower Upper
84 100
86 65.2 44.8 83.2
49 113.7 80.2 149.0

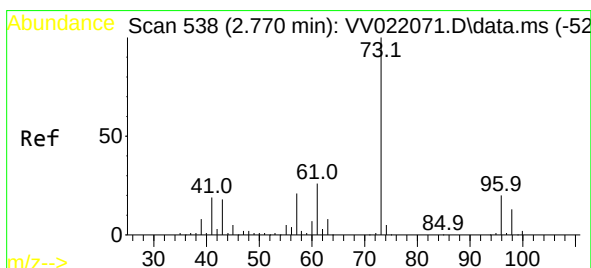
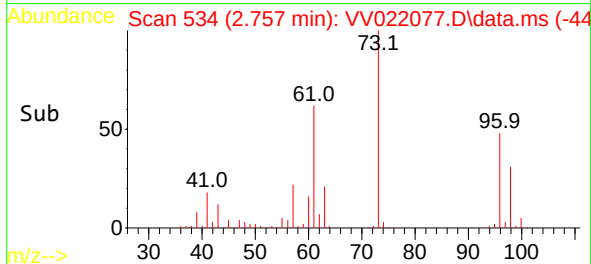
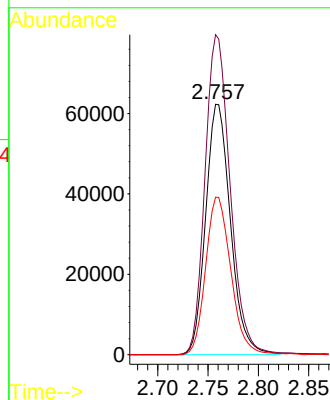
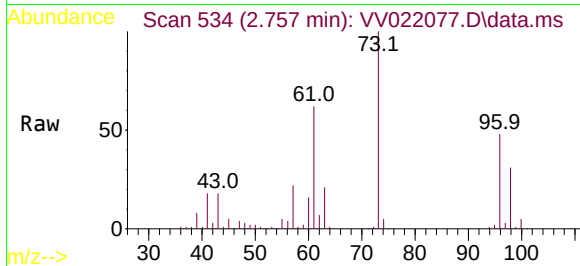




#17
trans-1,2-Dichloroethene
Concen: 41.723 ug/L
RT: 2.757 min Scan# 534
Delta R.T. 0.000 min
Lab File: VV022077.D
Acq: 02 Sep 2021 15:46

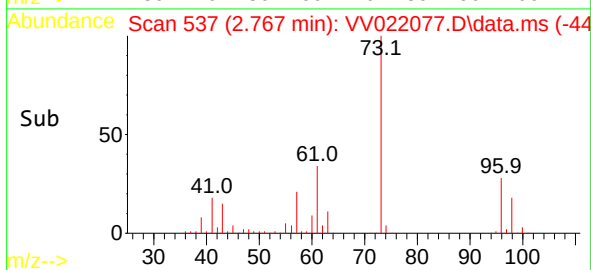
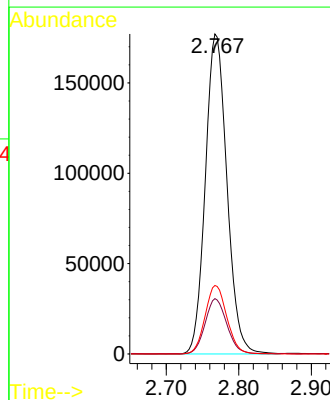
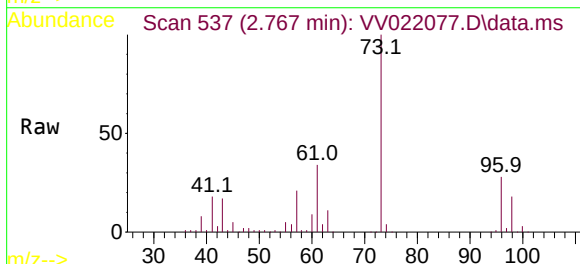
Instrument :
MSVOA_V
ClientSampleId :

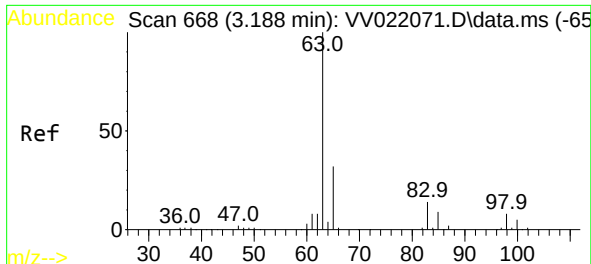
Tgt Ion: 96 Resp: 107131
Ion Ratio Lower Upper
96 100
61 127.8 89.1 165.5
98 62.9 43.8 81.3



#18
Methyl tert-butyl Ether
Concen: 44.911 ug/L
RT: 2.767 min Scan# 537
Delta R.T. -0.003 min
Lab File: VV022077.D
Acq: 02 Sep 2021 15:46

Tgt Ion: 73 Resp: 366446
Ion Ratio Lower Upper
73 100
43 17.2 13.8 20.6
57 21.5 17.1 25.7





#19

1,1-Dichloroethane

Concen: 43.315 ug/L

RT: 3.188 min Scan# 668

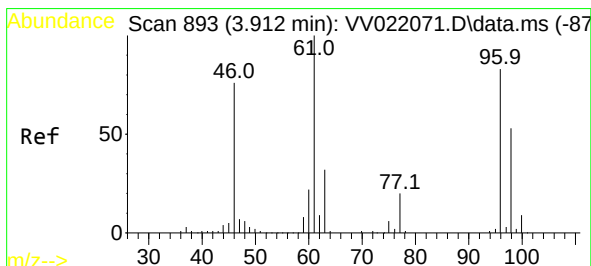
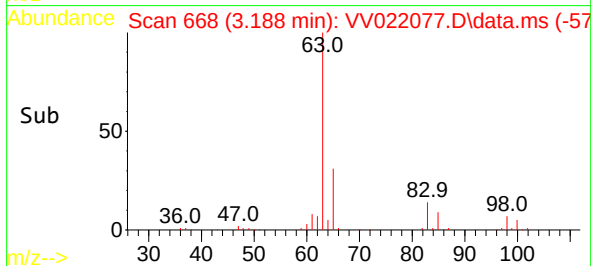
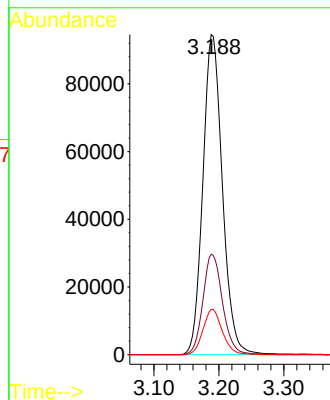
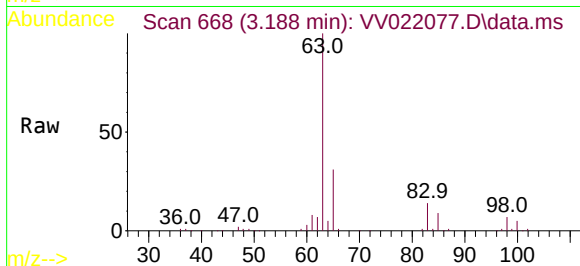
Delta R.T. 0.000 min

Lab File: VV022077.D

Acq: 02 Sep 2021 15:46

Tgt Ion: 63 Resp: 198083

Ion	Ratio	Lower	Upper
63	100		
65	31.4	22.2	41.2
83	14.2	9.7	17.9



#20

cis-1,2-Dichloroethene

Concen: 43.514 ug/L

RT: 3.912 min Scan# 893

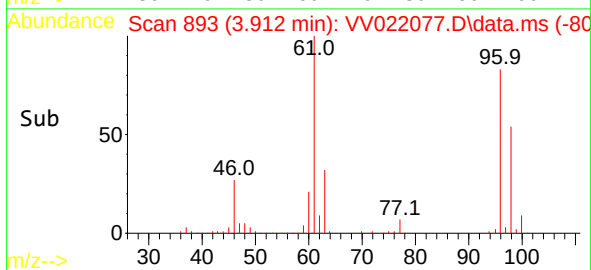
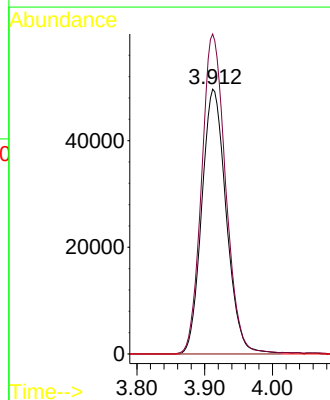
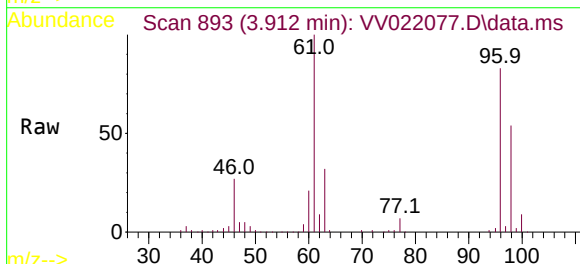
Delta R.T. 0.000 min

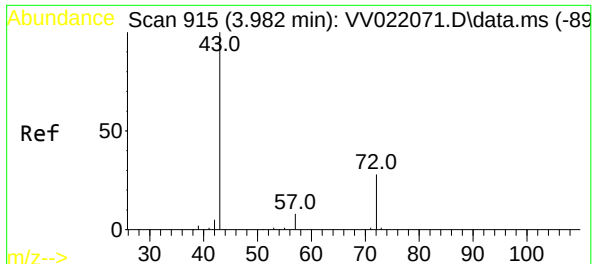
Lab File: VV022077.D

Acq: 02 Sep 2021 15:46

Tgt Ion: 96 Resp: 124354

Ion	Ratio	Lower	Upper
96	100		
61	120.9	81.8	152.0
68	0.0	0.0	0.0

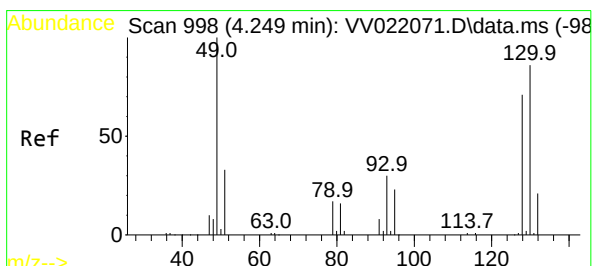
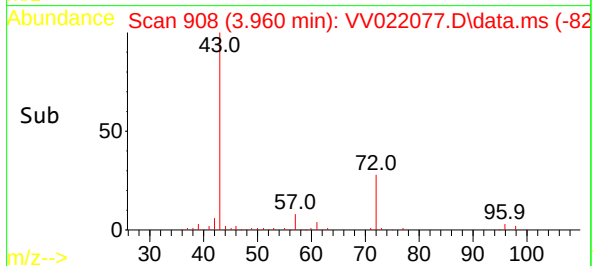
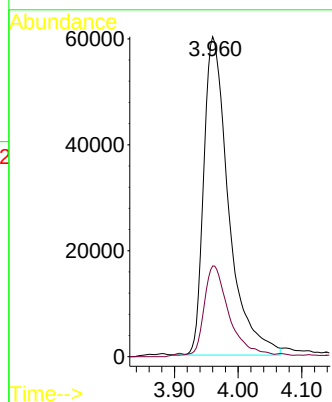
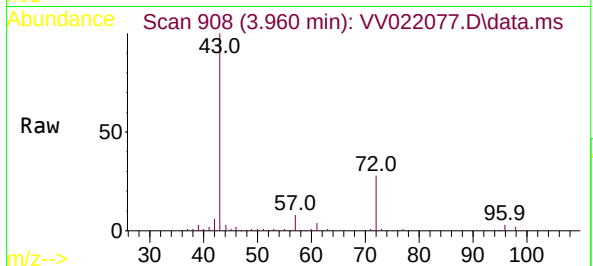




#22
2-Butanone
Concen: 79.390 ug/L
RT: 3.960 min Scan# 908
Delta R.T. -0.022 min
Lab File: VV022077.D
Acq: 02 Sep 2021 15:46

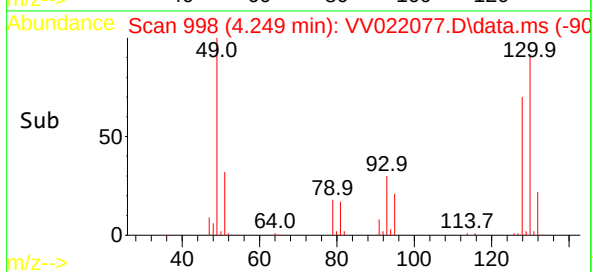
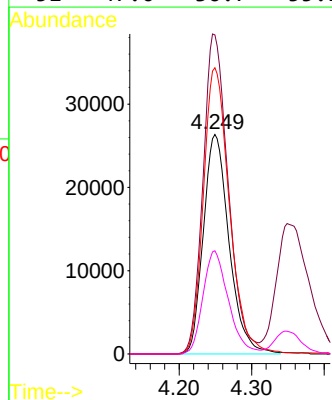
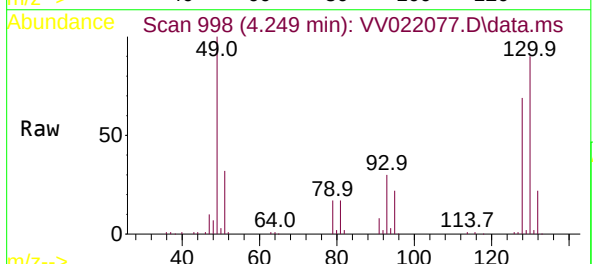
Instrument :
MSVOA_V
ClientSampled :

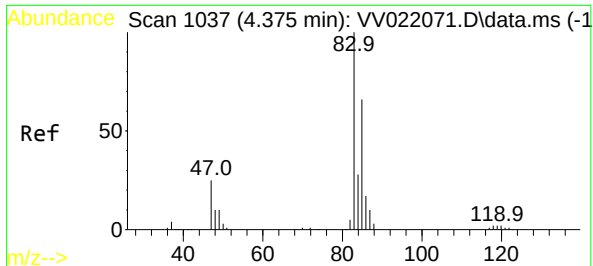
Tgt Ion: 43 Resp: 163491
Ion Ratio Lower Upper
43 100
72 28.8 13.3 39.8



#23
Bromochloromethane
Concen: 42.619 ug/L
RT: 4.249 min Scan# 998
Delta R.T. 0.000 min
Lab File: VV022077.D
Acq: 02 Sep 2021 15:46

Tgt Ion: 128 Resp: 64864
Ion Ratio Lower Upper
128 100
49 145.3 101.6 188.8
130 130.4 88.5 164.3
51 47.0 36.7 55.1



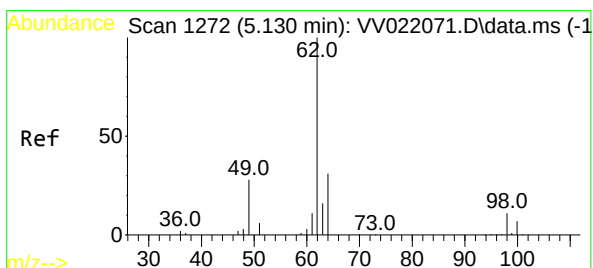
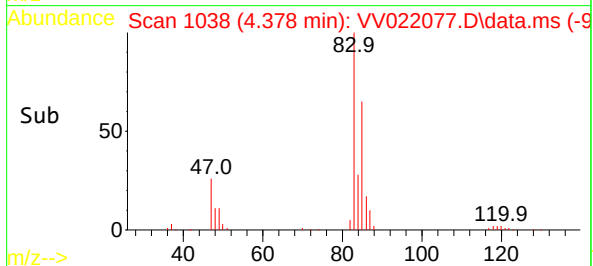
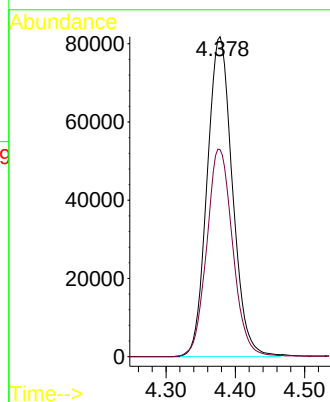
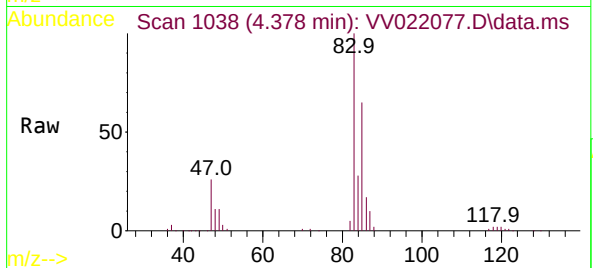


#25

Chloroform
Concen: 42.841 ug/L
RT: 4.378 min Scan# 1038
Delta R.T. 0.003 min
Lab File: VV022077.D
Acq: 02 Sep 2021 15:46

Instrument :
MSVOA_V
ClientSampled :

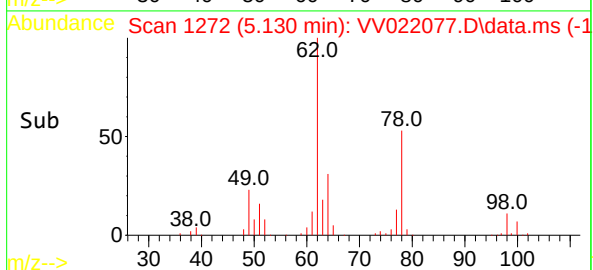
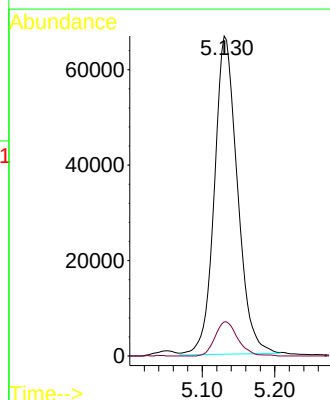
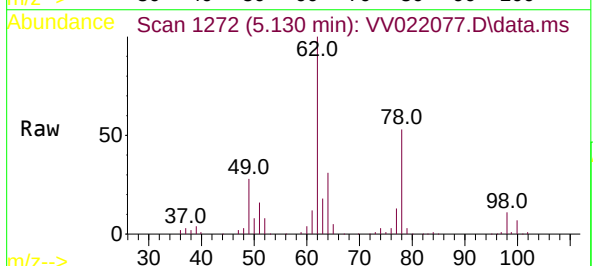
Tgt Ion: 83 Resp: 207392
Ion Ratio Lower Upper
83 100
85 64.7 46.3 85.9

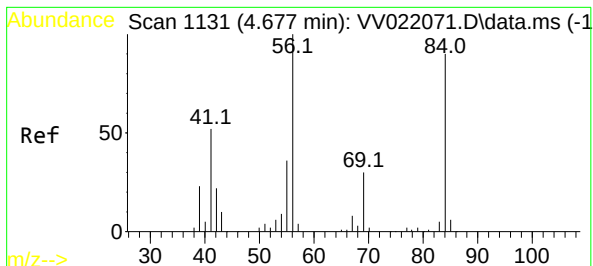


#27

1,2-Dichloroethane
Concen: 45.380 ug/L
RT: 5.130 min Scan# 1272
Delta R.T. 0.000 min
Lab File: VV022077.D
Acq: 02 Sep 2021 15:46

Tgt Ion: 62 Resp: 147259
Ion Ratio Lower Upper
62 100
98 10.6 8.5 12.7

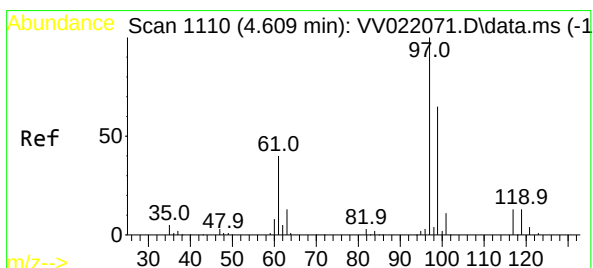
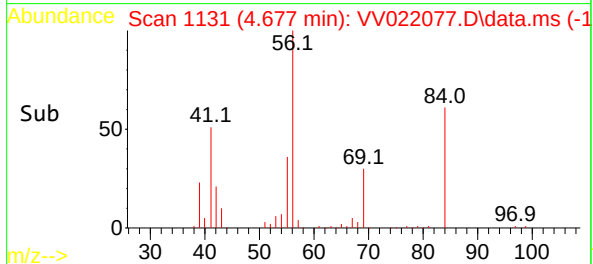
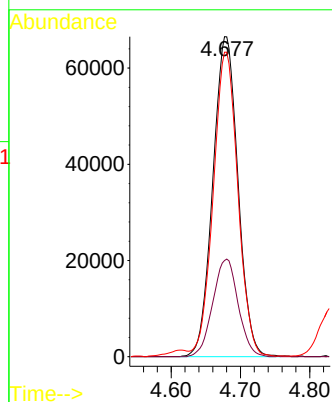
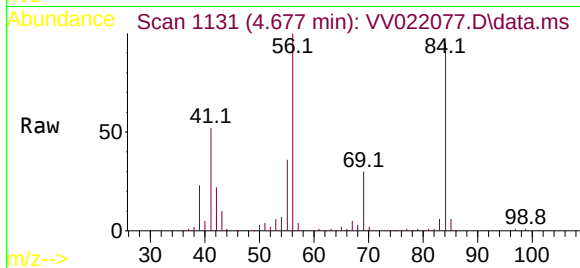




#29
Cyclohexane
Concen: 43.433 ug/L
RT: 4.677 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VV022077.D
Acq: 02 Sep 2021 15:46

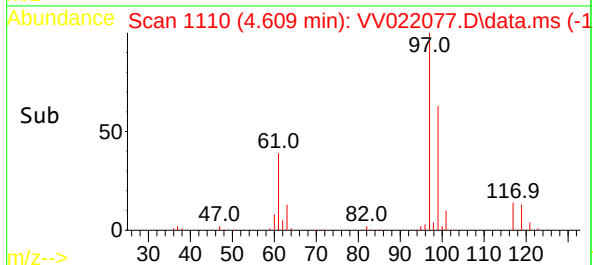
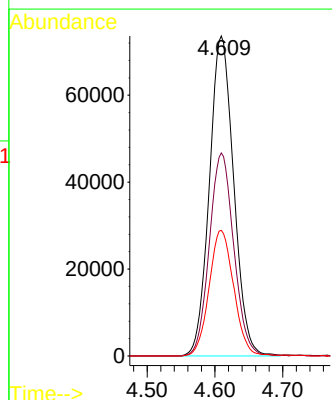
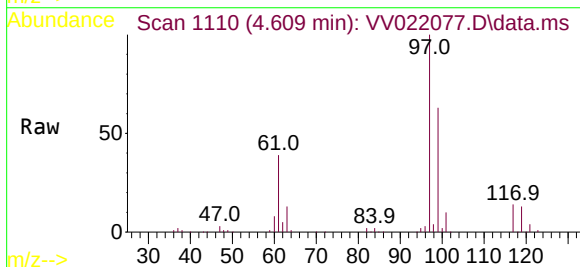
Instrument :
MSVOA_V
ClientSampleId :

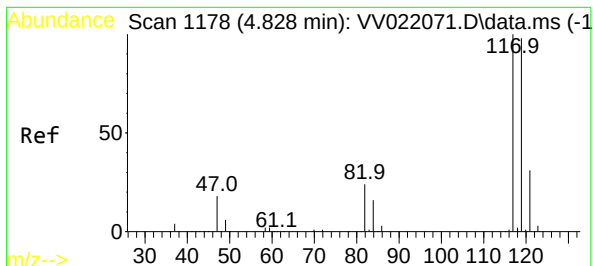
Tgt Ion: 56 Resp: 167535
Ion Ratio Lower Upper
56 100
69 30.8 25.2 37.8
84 93.5 74.6 111.8



#30
1,1,1-Trichloroethane
Concen: 44.680 ug/L
RT: 4.609 min Scan# 1110
Delta R.T. 0.000 min
Lab File: VV022077.D
Acq: 02 Sep 2021 15:46

Tgt Ion: 97 Resp: 183236
Ion Ratio Lower Upper
97 100
99 63.7 52.0 78.0
61 39.7 31.8 47.8

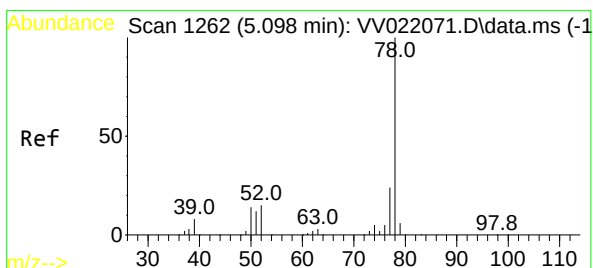
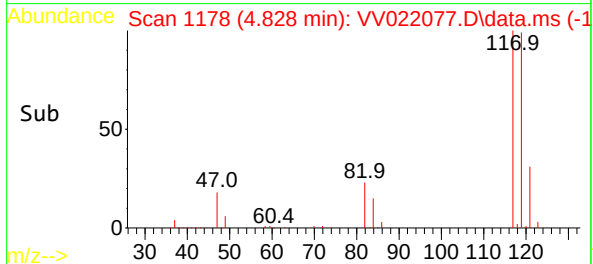
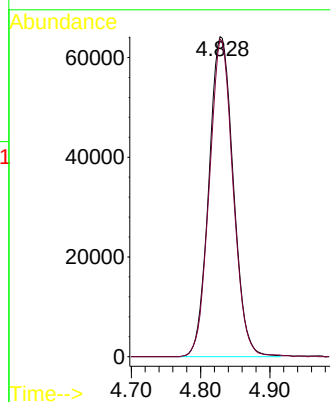
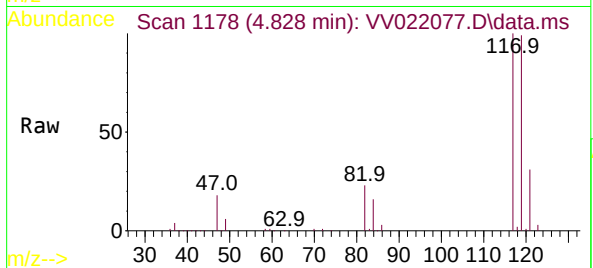




#31
Carbon tetrachloride
Concen: 44.643 ug/L
RT: 4.828 min Scan# 1178
Delta R.T. 0.000 min
Lab File: VV022077.D
Acq: 02 Sep 2021 15:46

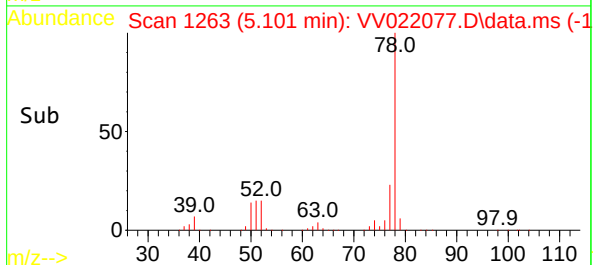
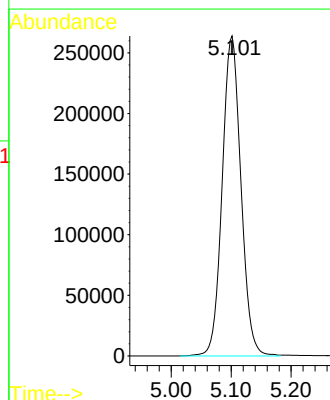
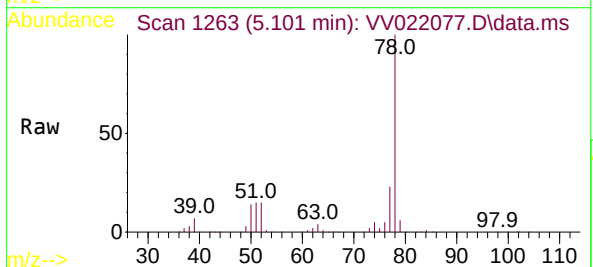
Instrument :
MSVOA_V
ClientSampled :

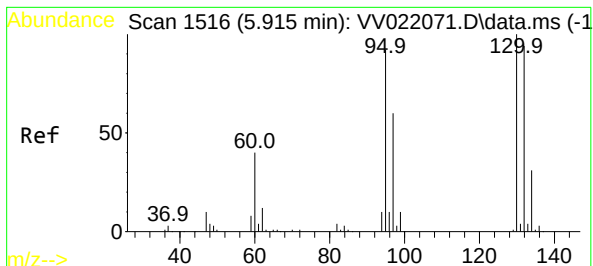
Tgt Ion:117 Resp: 157295
Ion Ratio Lower Upper
117 100
119 96.0 76.6 114.8



#33
Benzene
Concen: 56.894 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.003 min
Lab File: VV022077.D
Acq: 02 Sep 2021 15:46

Tgt Ion: 78 Resp: 571171





#34

Trichloroethene

Concen: 40.664 ug/L

RT: 5.915 min Scan# 1516

Delta R.T. 0.000 min

Lab File: VV022077.D

Acq: 02 Sep 2021 15:46

Tgt Ion: 95 Resp: 115636

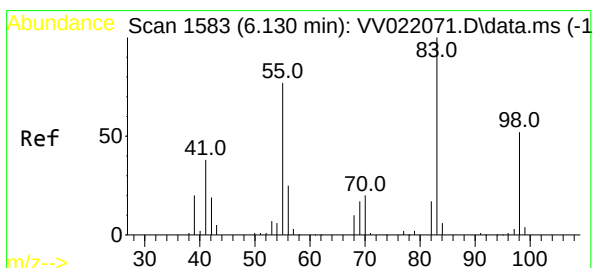
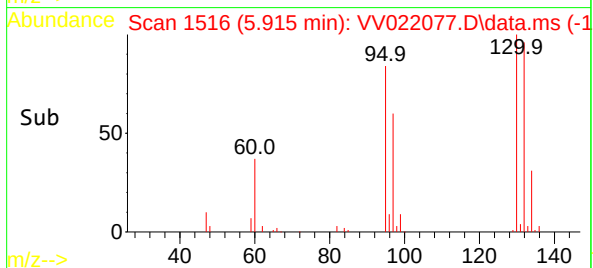
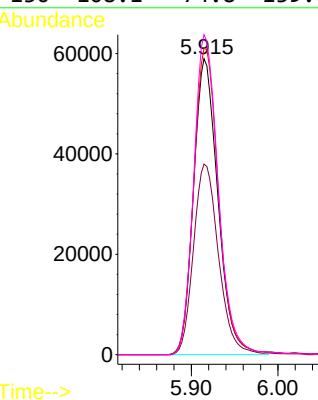
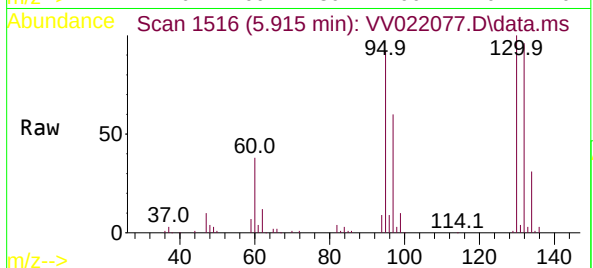
Ion Ratio Lower Upper

95 100

97 64.4 44.1 81.9

132 103.6 70.7 131.3

130 108.1 74.8 139.0



#35

Methylcyclohexane

Concen: 42.828 ug/L

RT: 6.133 min Scan# 1584

Delta R.T. 0.003 min

Lab File: VV022077.D

Acq: 02 Sep 2021 15:46

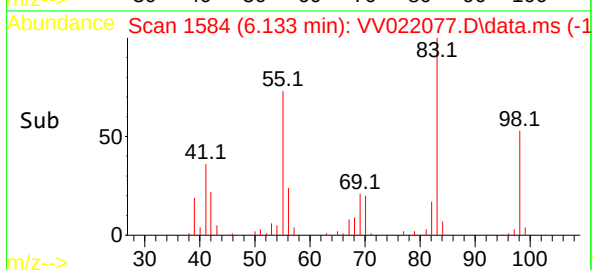
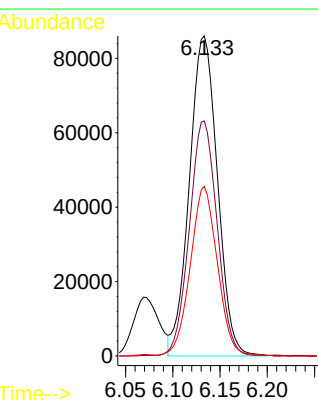
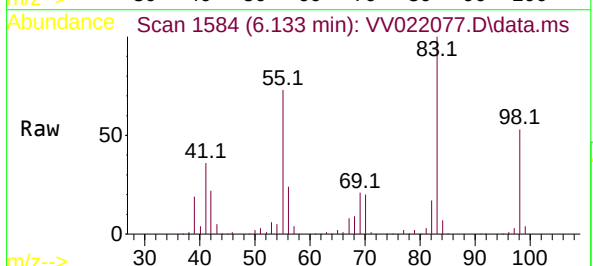
Tgt Ion: 83 Resp: 178044

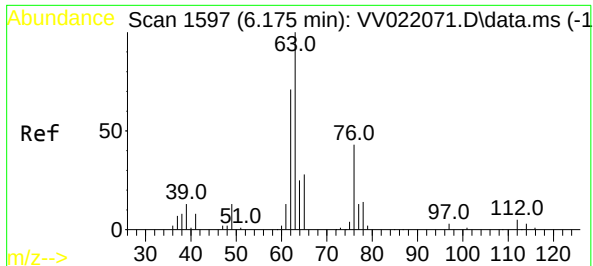
Ion Ratio Lower Upper

83 100

55 72.5 56.8 85.2

98 51.1 39.9 59.9

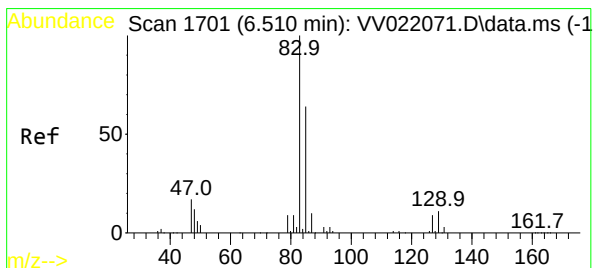
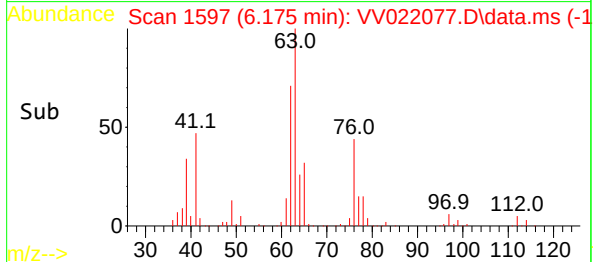
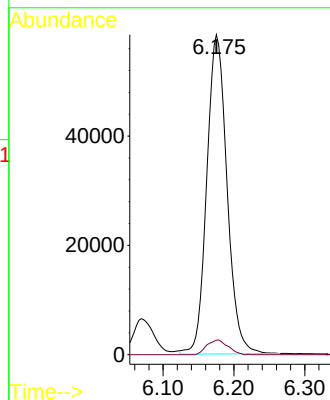
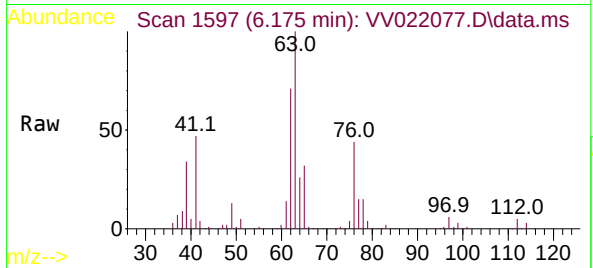




#37
1,2-Dichloropropane
Concen: 44.631 ug/L
RT: 6.175 min Scan# 1597
Delta R.T. 0.000 min
Lab File: VV022077.D
Acq: 02 Sep 2021 15:46

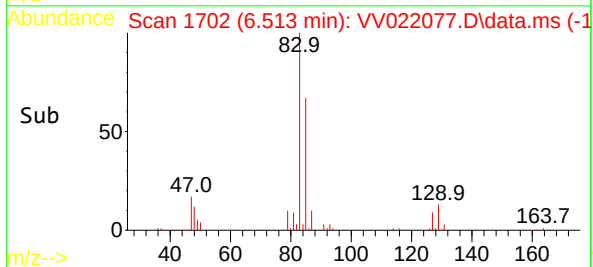
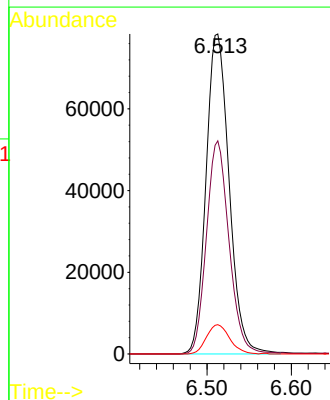
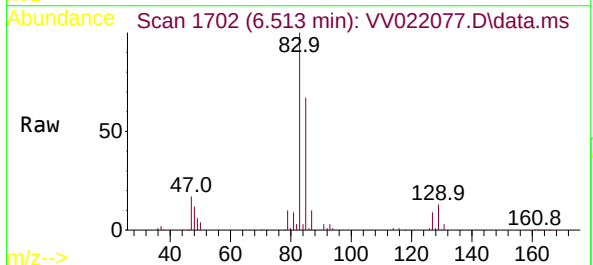
Instrument :
MSVOA_V
ClientSampled :

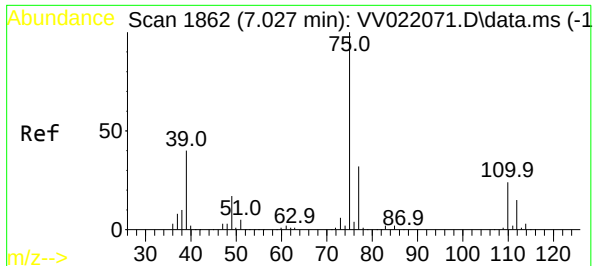
Tgt Ion: 63 Resp: 116145
Ion Ratio Lower Upper
63 100
112 4.8 3.8 5.6



#38
Bromodichloromethane
Concen: 44.895 ug/L
RT: 6.513 min Scan# 1702
Delta R.T. 0.003 min
Lab File: VV022077.D
Acq: 02 Sep 2021 15:46

Tgt Ion: 83 Resp: 149411
Ion Ratio Lower Upper
83 100
85 66.6 44.8 83.2
127 9.1 7.3 10.9

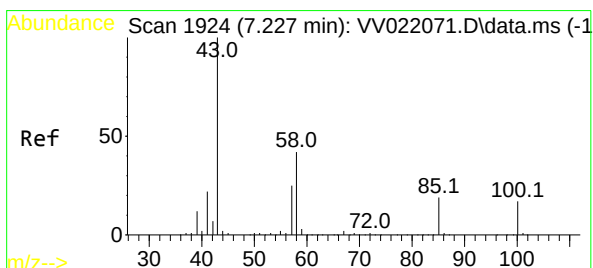
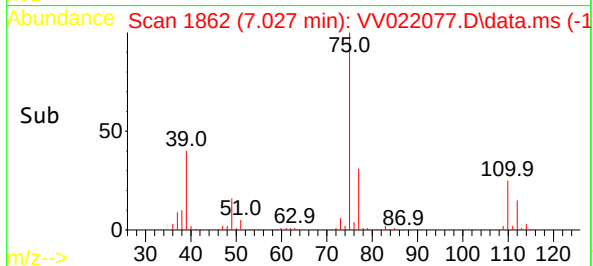
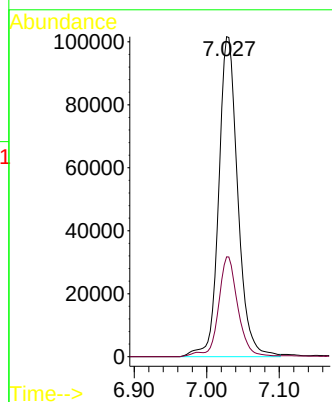
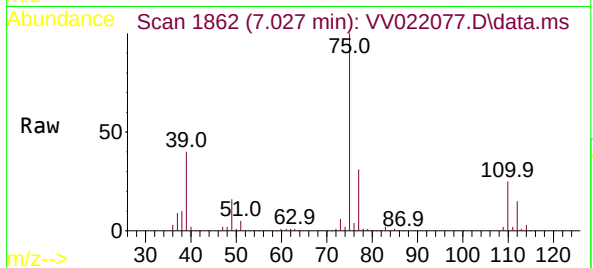




#39
 cis-1,3-Dichloropropene
 Concen: 46.139 ug/L
 RT: 7.027 min Scan# 1862
 Delta R.T. 0.000 min
 Lab File: VV022077.D
 Acq: 02 Sep 2021 15:46

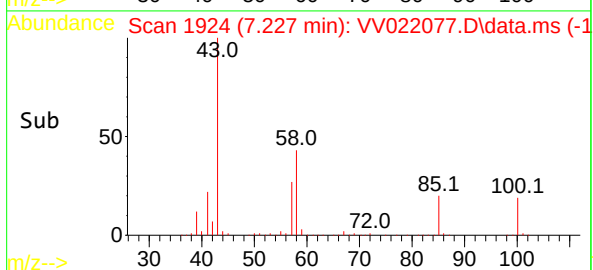
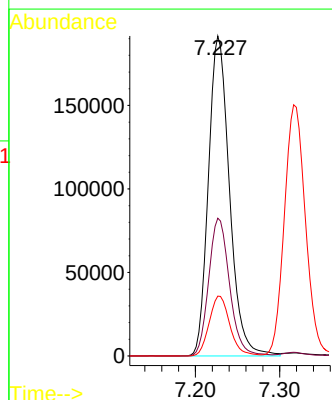
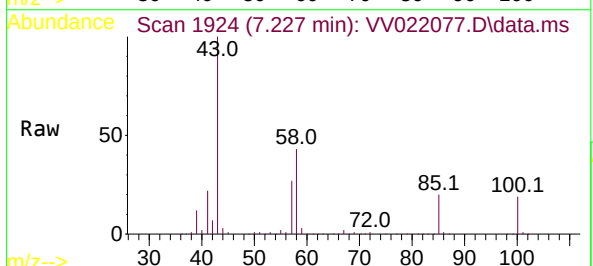
Instrument :
 MSVOA_V
 ClientSampled :

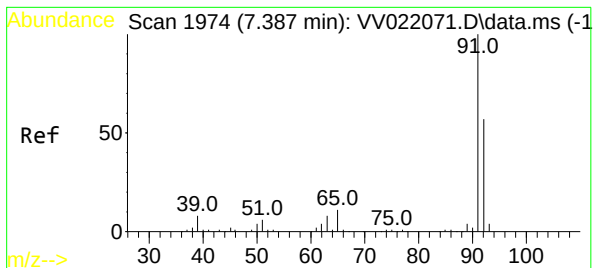
Tgt Ion: 75 Resp: 185380
 Ion Ratio Lower Upper
 75 100
 77 31.2 22.7 42.1



#40
 4-Methyl-2-pentanone
 Concen: 94.580 ug/L
 RT: 7.227 min Scan# 1924
 Delta R.T. 0.000 min
 Lab File: VV022077.D
 Acq: 02 Sep 2021 15:46

Tgt Ion: 43 Resp: 333679
 Ion Ratio Lower Upper
 43 100
 58 42.6 33.3 49.9
 100 18.3 14.5 21.7





#42

Toluene

Concen: 86.700 ug/L

RT: 7.387 min Scan# 1974

Delta R.T. 0.000 min

Lab File: VV022077.D

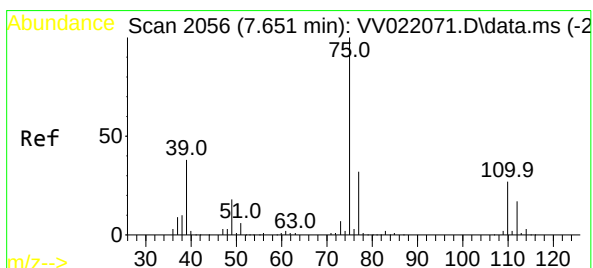
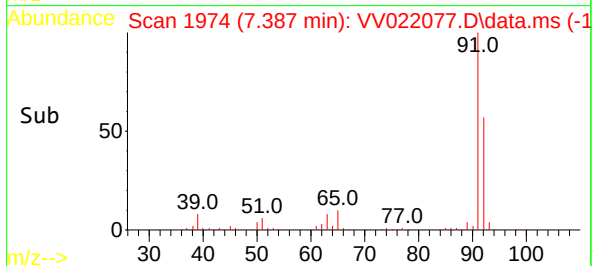
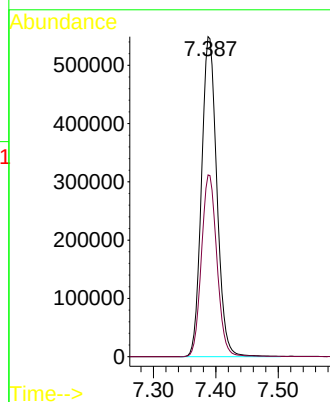
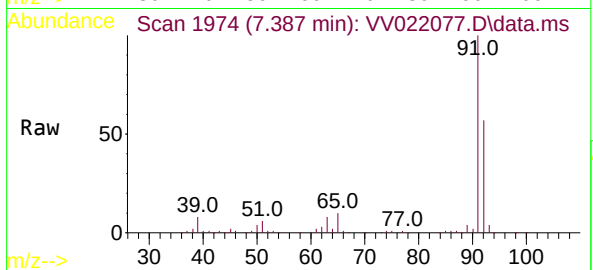
Acq: 02 Sep 2021 15:46

Tgt Ion: 91 Resp: 939419

Ion Ratio Lower Upper

91 100

92 56.8 40.3 74.8



#44

trans-1,3-Dichloropropene

Concen: 46.724 ug/L

RT: 7.651 min Scan# 2056

Delta R.T. 0.000 min

Lab File: VV022077.D

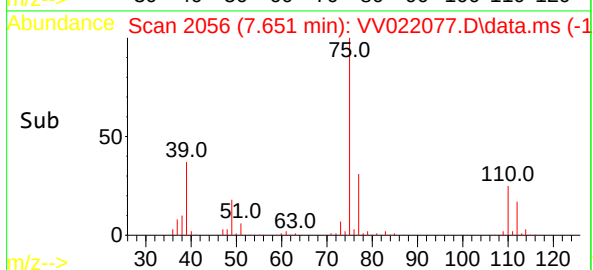
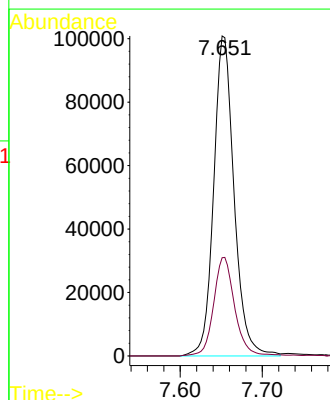
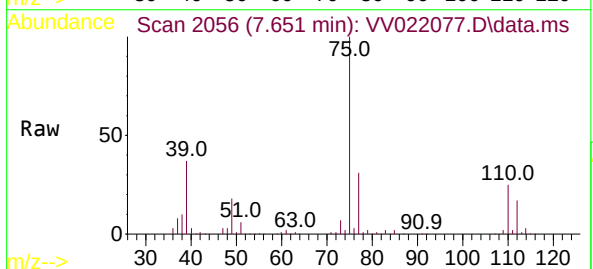
Acq: 02 Sep 2021 15:46

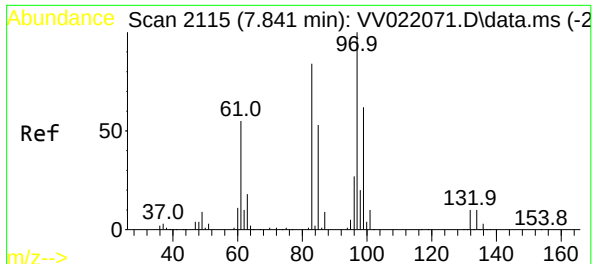
Tgt Ion: 75 Resp: 174720

Ion Ratio Lower Upper

75 100

77 30.7 21.8 40.6



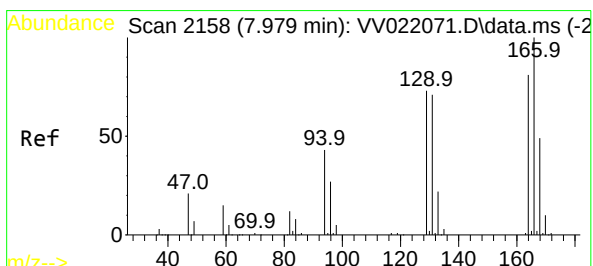
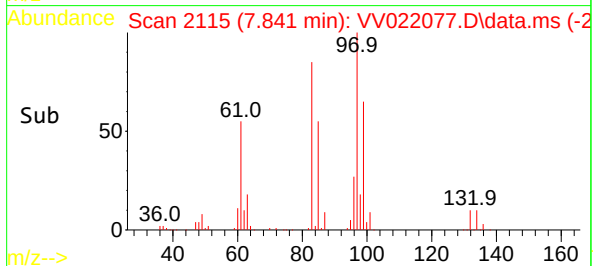
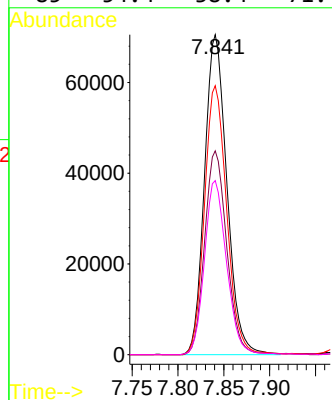
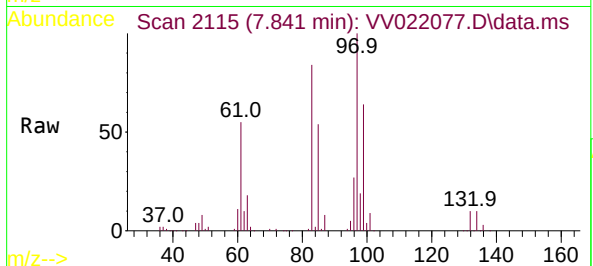


#45
1,1,2-Trichloroethane
Concen: 45.246 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. 0.000 min
Lab File: VV022077.D
Acq: 02 Sep 2021 15:46

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 97 Resp: 119805

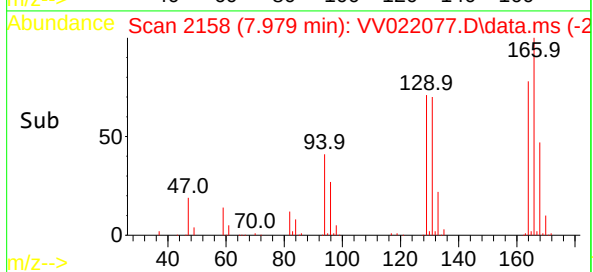
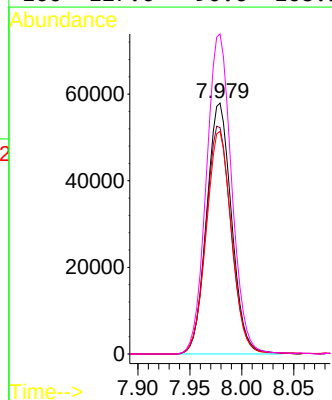
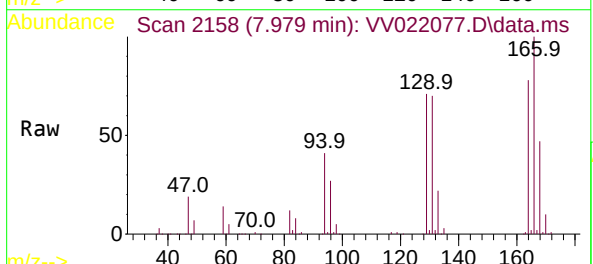
Ion	Ratio	Lower	Upper
97	100		
99	63.7	43.8	81.4
83	84.0	58.8	109.2
85	54.4	38.4	71.4

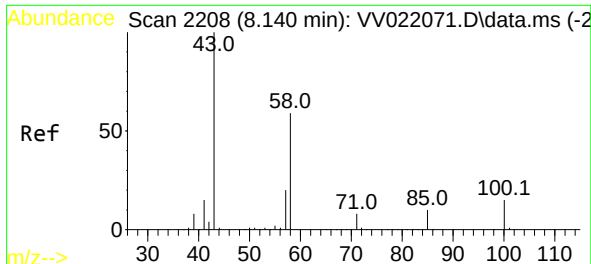


#46
Tetrachloroethene
Concen: 43.791 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. 0.000 min
Lab File: VV022077.D
Acq: 02 Sep 2021 15:46

Tgt Ion: 164 Resp: 96829

Ion	Ratio	Lower	Upper
164	100		
129	90.3	62.9	116.9
131	88.7	61.0	113.4
166	127.6	90.6	168.3



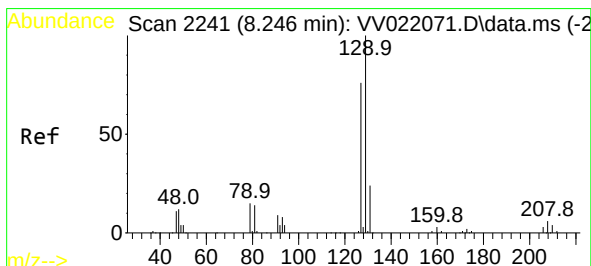
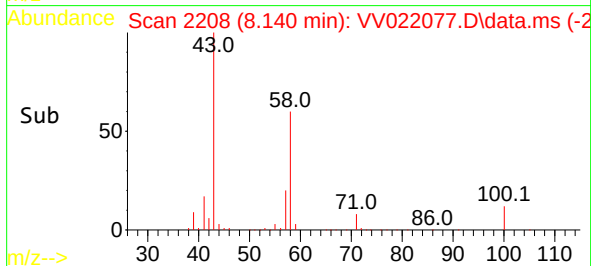
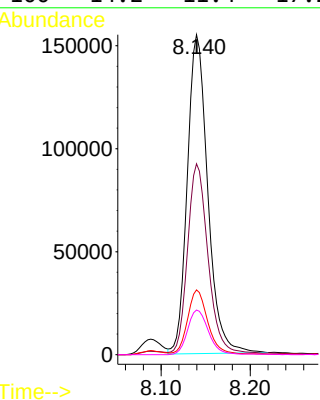
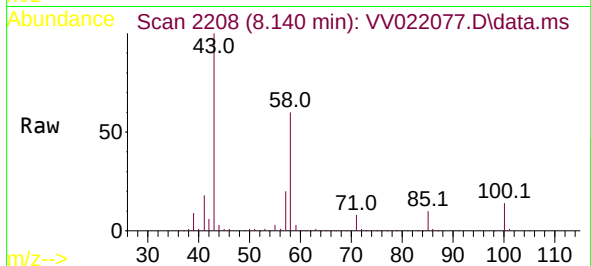


#48
2-Hexanone
Concen: 90.454 ug/L
RT: 8.140 min Scan# 2208
Delta R.T. 0.000 min
Lab File: VV022077.D
Acq: 02 Sep 2021 15:46

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion: 43 Resp: 247606

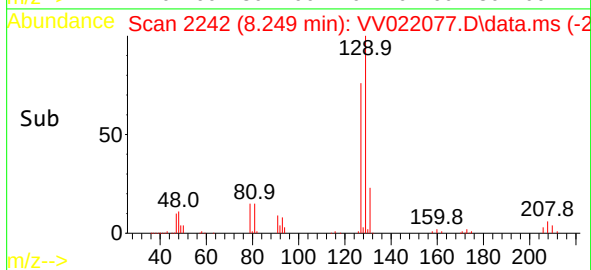
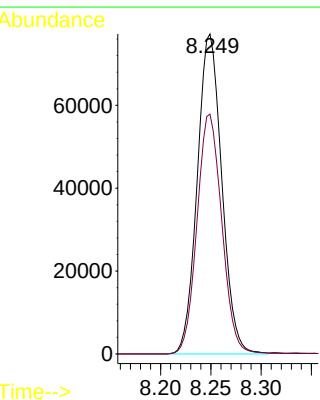
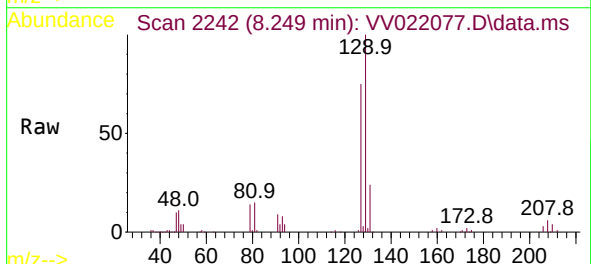
Ion	Ratio	Lower	Upper
43	100		
58	60.0	47.5	71.3
57	20.1	15.9	23.9
100	14.2	11.4	17.2

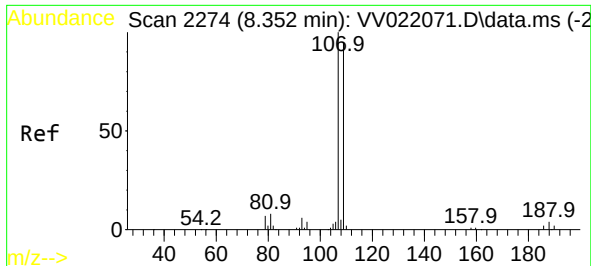


#49
Dibromochloromethane
Concen: 46.310 ug/L
RT: 8.249 min Scan# 2242
Delta R.T. 0.003 min
Lab File: VV022077.D
Acq: 02 Sep 2021 15:46

Tgt Ion: 129 Resp: 131258

Ion	Ratio	Lower	Upper
129	100		
127	74.9	54.1	100.5

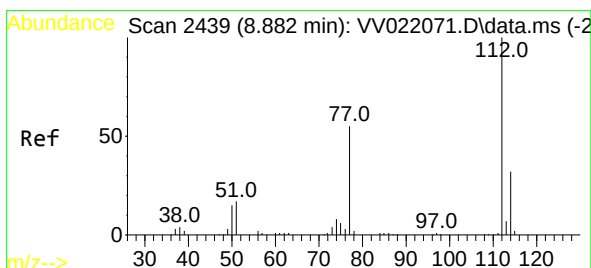
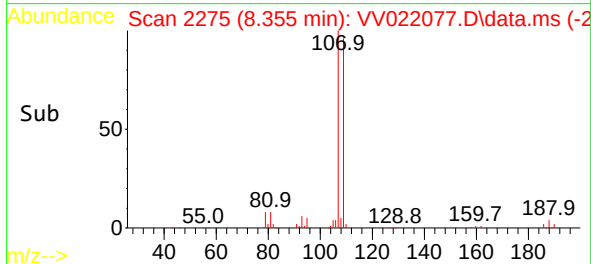
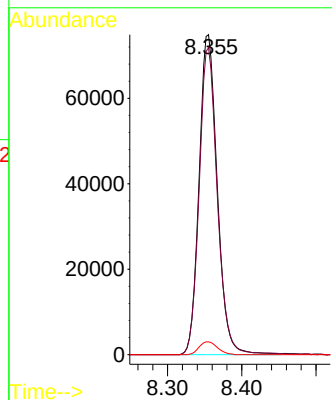
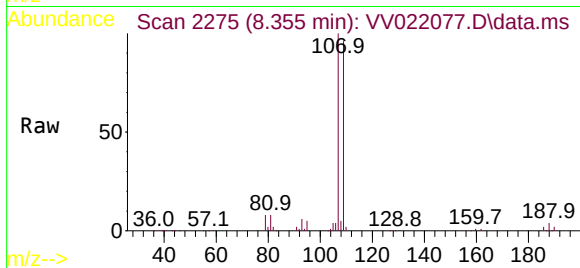




#50
1,2-Dibromoethane
Concen: 44.994 ug/L
RT: 8.355 min Scan# 2275
Delta R.T. 0.003 min
Lab File: VV022077.D
Acq: 02 Sep 2021 15:46

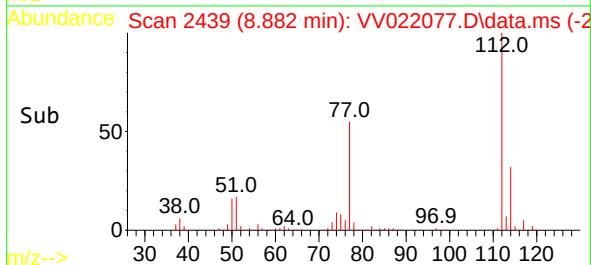
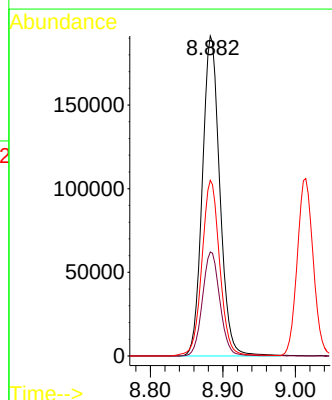
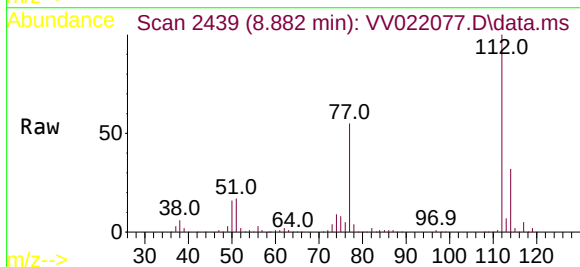
Instrument :
MSVOA_V
ClientSampleId :

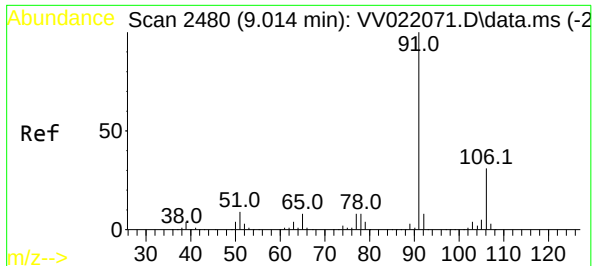
Tgt Ion:107 Resp: 127864
Ion Ratio Lower Upper
107 100
109 96.0 65.5 121.6
188 4.0 3.2 4.8



#51
Chlorobenzene
Concen: 43.975 ug/L
RT: 8.882 min Scan# 2439
Delta R.T. 0.000 min
Lab File: VV022077.D
Acq: 02 Sep 2021 15:46

Tgt Ion:112 Resp: 320356
Ion Ratio Lower Upper
112 100
114 32.5 22.0 41.0
77 54.9 43.2 64.8

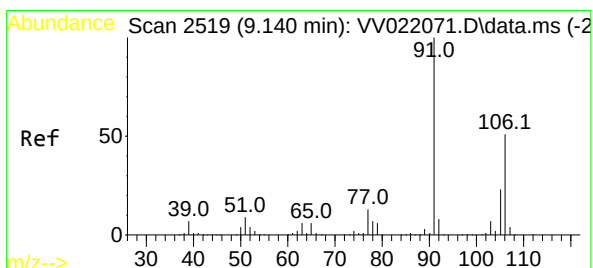
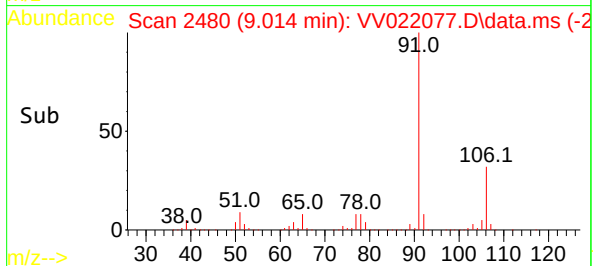
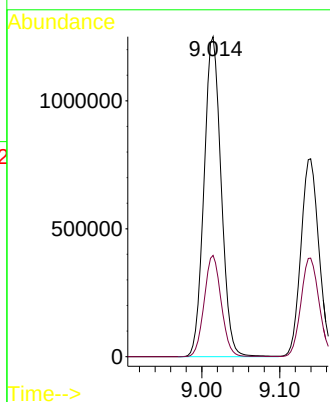
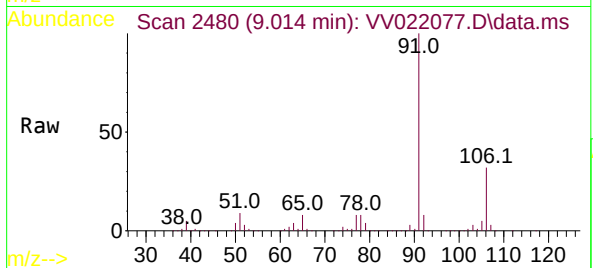




#52
Ethylbenzene
Concen: 163.113 ug/L
RT: 9.014 min Scan# 2480
Delta R.T. 0.000 min
Lab File: VV022077.D
Acq: 02 Sep 2021 15:46

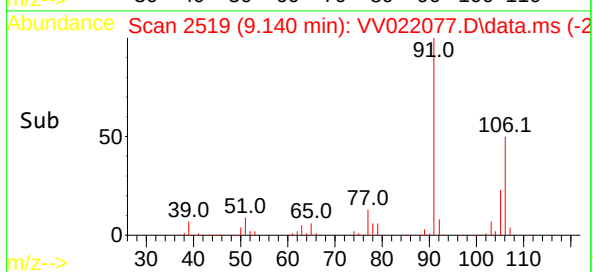
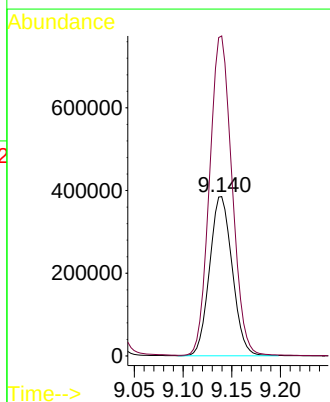
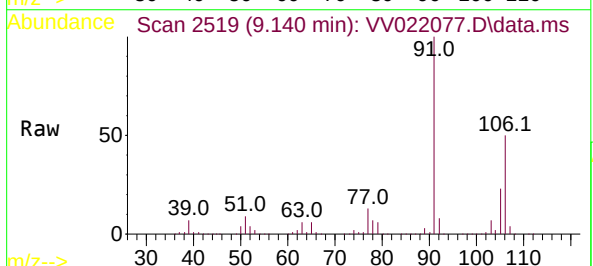
Instrument :
MSVOA_V
ClientSampled :

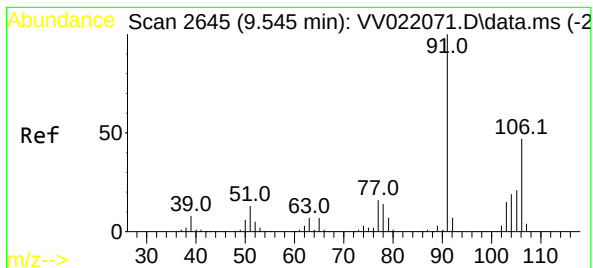
Tgt Ion: 91 Resp: 1913201
Ion Ratio Lower Upper
91 100
106 31.7 21.7 40.3



#53
m,p-Xylene
Concen: 136.347 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. 0.000 min
Lab File: VV022077.D
Acq: 02 Sep 2021 15:46

Tgt Ion: 106 Resp: 621605
Ion Ratio Lower Upper
106 100
91 200.9 139.1 258.3

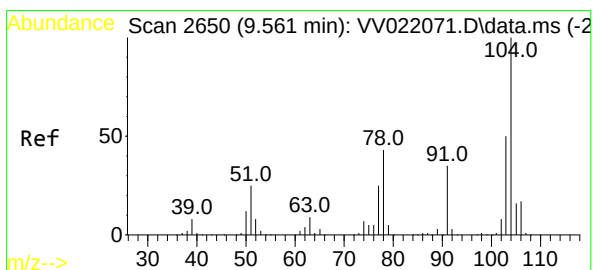
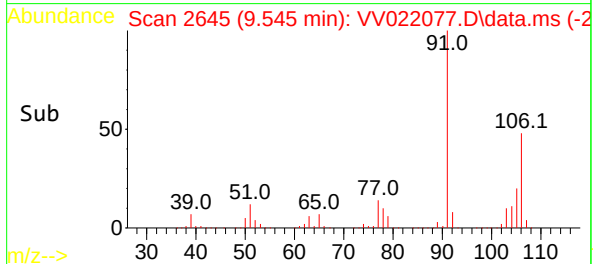
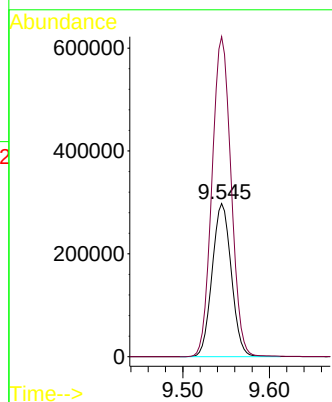
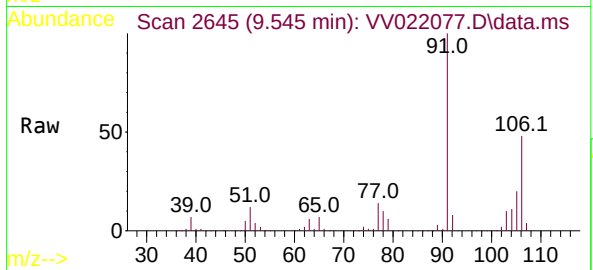




#54
o-Xylene
Concen: 101.236 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.000 min
Lab File: VV022077.D
Acq: 02 Sep 2021 15:46

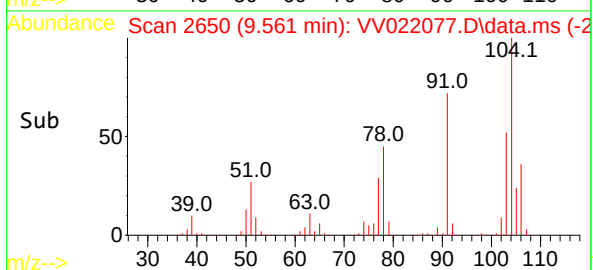
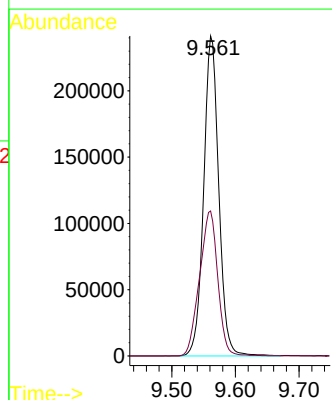
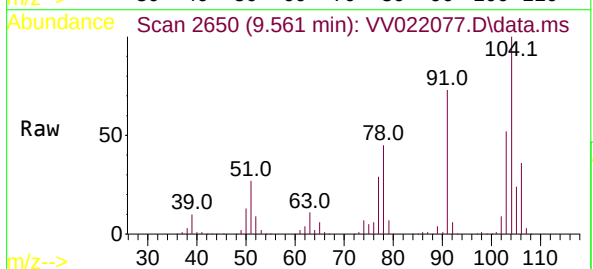
Instrument :
MSVOA_V
ClientSampleId :

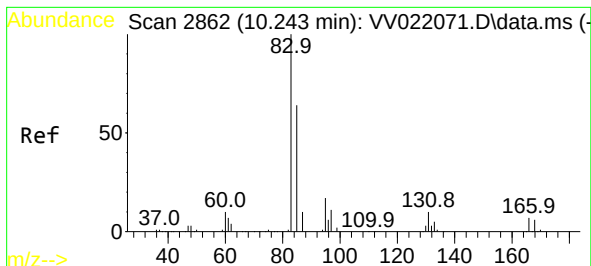
Tgt Ion:106 Resp: 456665
Ion Ratio Lower Upper
106 100
91 208.9 150.1 278.9



#55
Styrene
Concen: 51.647 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.000 min
Lab File: VV022077.D
Acq: 02 Sep 2021 15:46

Tgt Ion:104 Resp: 397590
Ion Ratio Lower Upper
104 100
78 45.3 28.6 53.2



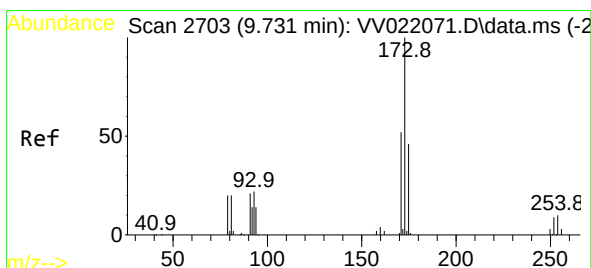
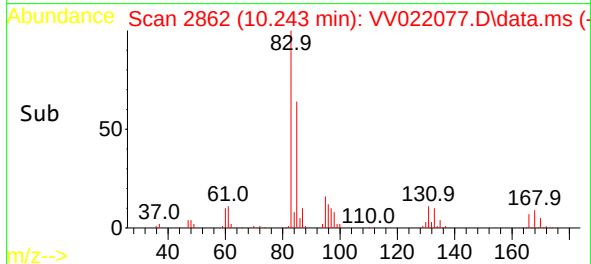
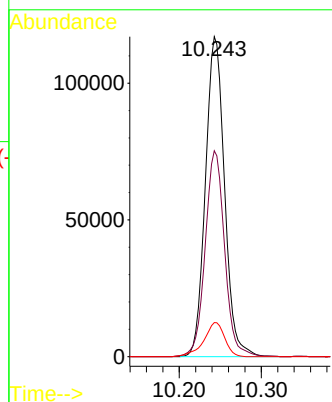
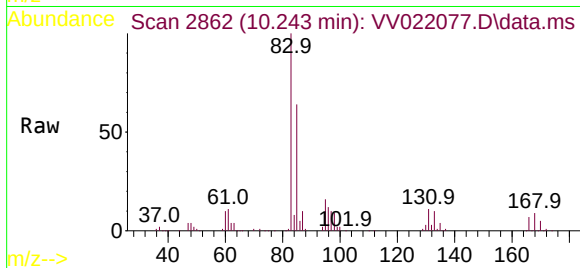


#57
 1,1,2,2-Tetrachloroethane
 Concen: 49.350 ug/L
 RT: 10.243 min Scan# 2862
 Delta R.T. 0.000 min
 Lab File: VV022077.D
 Acq: 02 Sep 2021 15:46

Instrument :
 MSVOA_V
 ClientSampleId :

Tgt Ion: 83 Resp: 189328

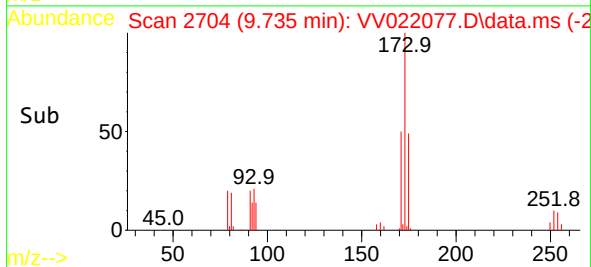
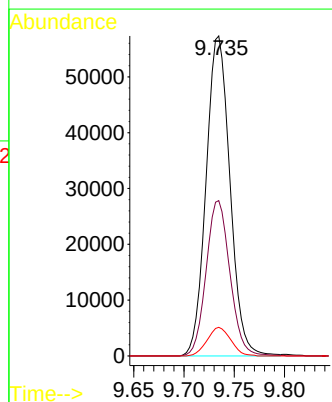
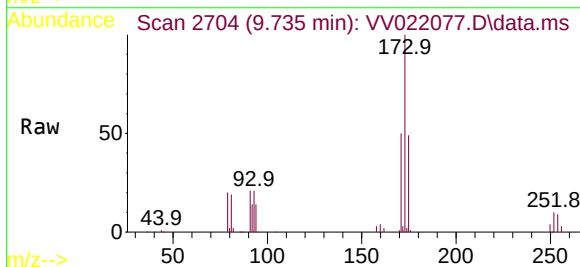
Ion	Ratio	Lower	Upper
83	100		
85	64.3	44.7	83.1
131	10.7	8.2	12.2

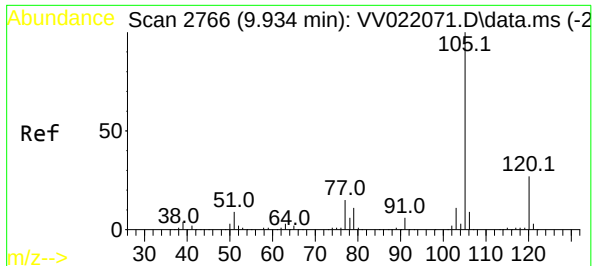


#59
 Bromoform
 Concen: 47.647 ug/L
 RT: 9.735 min Scan# 2704
 Delta R.T. 0.003 min
 Lab File: VV022077.D
 Acq: 02 Sep 2021 15:46

Tgt Ion: 173 Resp: 94902

Ion	Ratio	Lower	Upper
173	100		
175	48.3	38.8	58.2
254	8.8	7.0	10.4

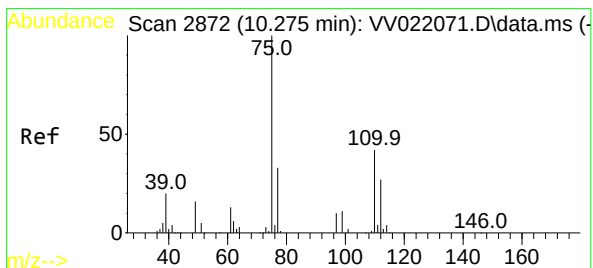
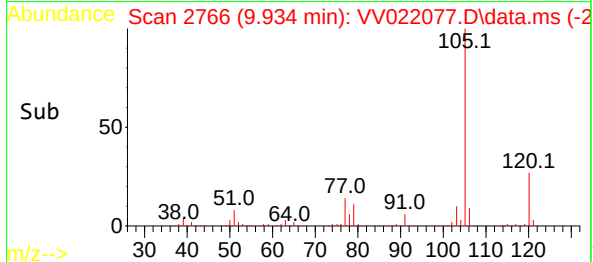
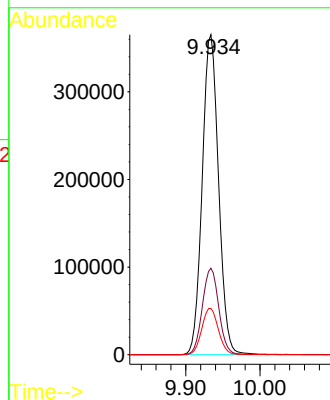
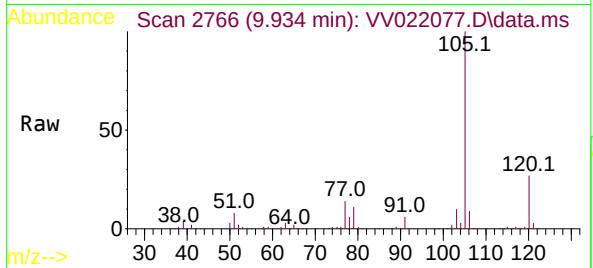




#60
Isopropylbenzene
Concen: 47.366 ug/L
RT: 9.934 min Scan# 2766
Delta R.T. 0.000 min
Lab File: VV022077.D
Acq: 02 Sep 2021 15:46

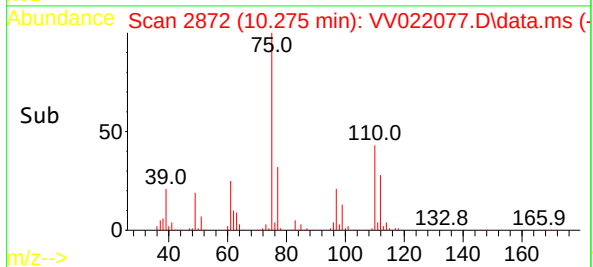
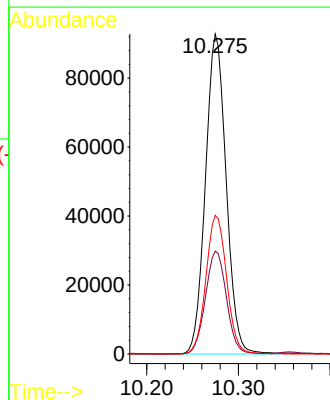
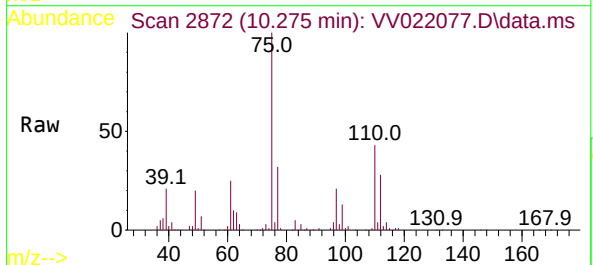
Instrument :
MSVOA_V
ClientSampleId :

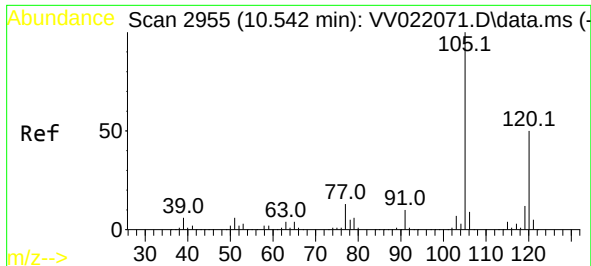
Tgt Ion:105 Resp: 558144
Ion Ratio Lower Upper
105 100
120 27.2 21.5 32.3
77 14.7 11.8 17.6



#61
1,2,3-Trichloropropane
Concen: 44.777 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. 0.000 min
Lab File: VV022077.D
Acq: 02 Sep 2021 15:46

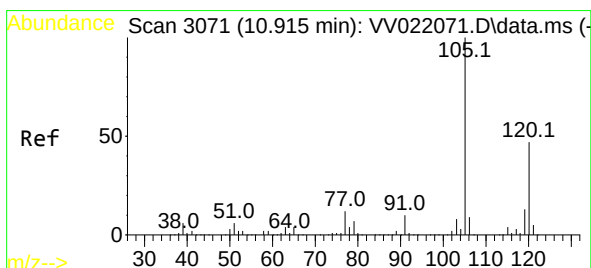
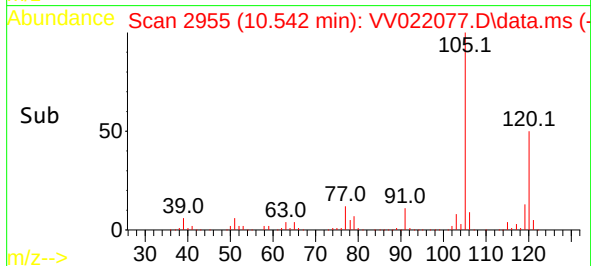
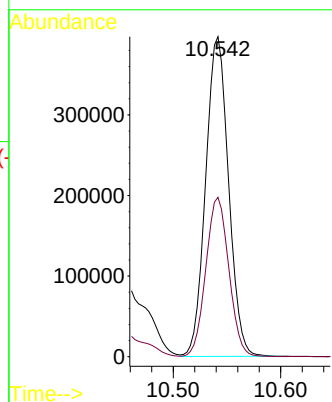
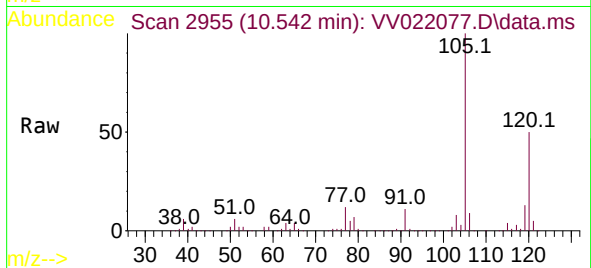
Tgt Ion: 75 Resp: 145532
Ion Ratio Lower Upper
75 100
77 32.2 26.2 39.2
110 43.4 33.8 50.6





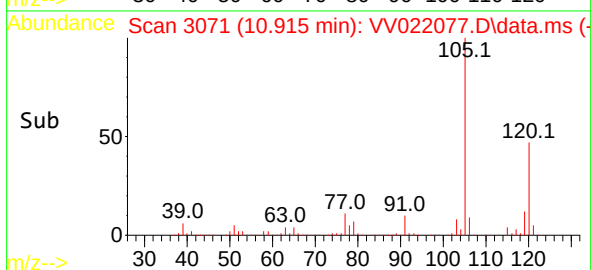
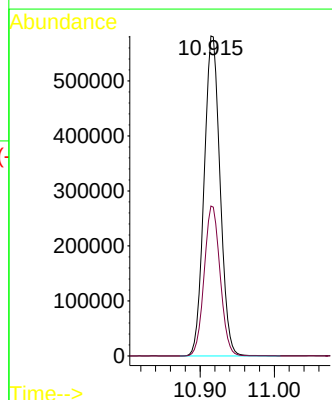
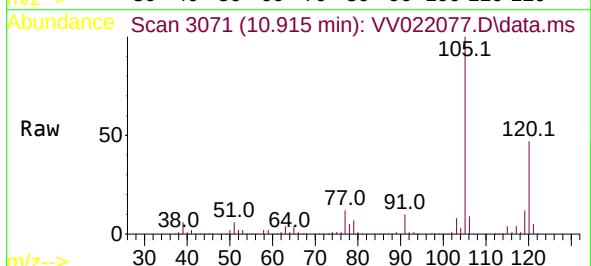
#62
1,3,5-Trimethylbenzene
Concen: 59.261 ug/L
RT: 10.542 min Scan# 2955
Delta R.T. 0.000 min
Lab File: VV022077.D
Acq: 02 Sep 2021 15:46

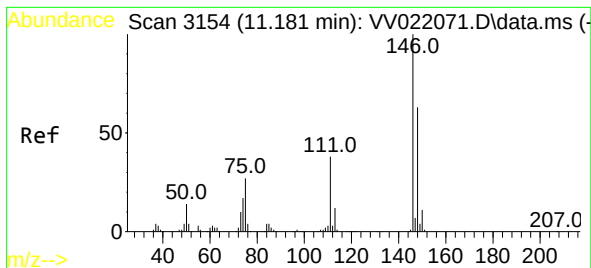
Tgt Ion:105 Resp: 586253
Ion Ratio Lower Upper
105 100
120 50.0 39.6 59.4



#63
1,2,4-Trimethylbenzene
Concen: 86.278 ug/L
RT: 10.915 min Scan# 3071
Delta R.T. 0.000 min
Lab File: VV022077.D
Acq: 02 Sep 2021 15:46

Tgt Ion:105 Resp: 867547
Ion Ratio Lower Upper
105 100
120 46.7 37.4 56.0

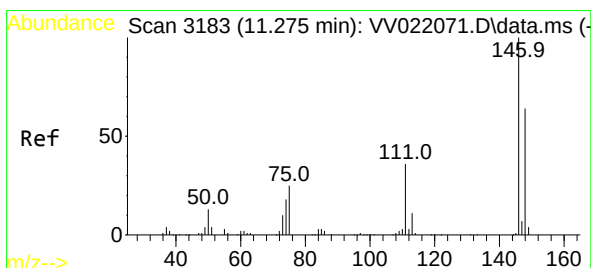
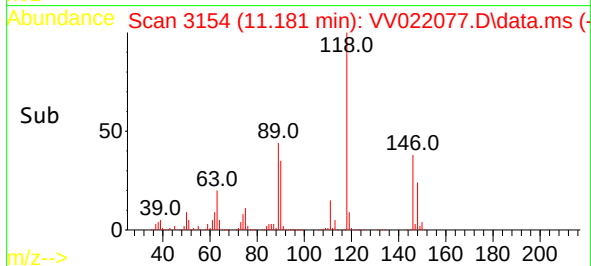
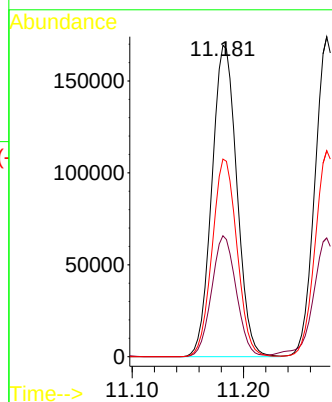
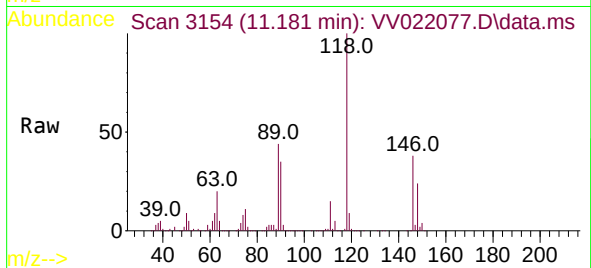




#64
1,3-Dichlorobenzene
Concen: 44.181 ug/L
RT: 11.181 min Scan# 3154
Delta R.T. 0.000 min
Lab File: VV022077.D
Acq: 02 Sep 2021 15:46

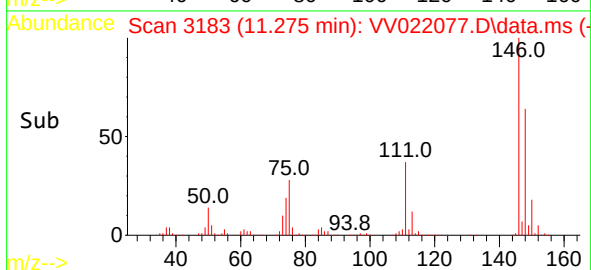
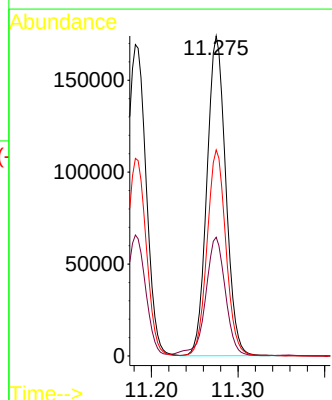
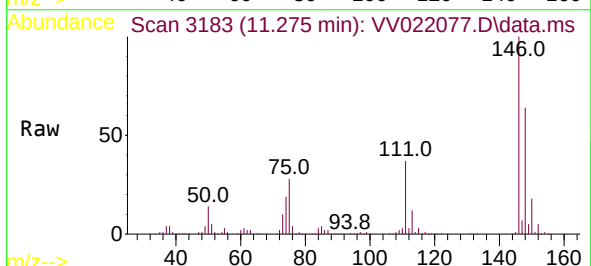
Instrument :
MSVOA_V
ClientSampleId :

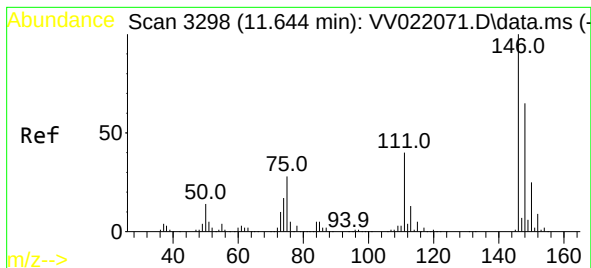
Tgt Ion:146 Resp: 264332
Ion Ratio Lower Upper
146 100
111 38.9 26.9 50.1
148 63.5 45.5 84.5



#65
1,4-Dichlorobenzene
Concen: 43.016 ug/L
RT: 11.275 min Scan# 3183
Delta R.T. 0.000 min
Lab File: VV022077.D
Acq: 02 Sep 2021 15:46

Tgt Ion:146 Resp: 263353
Ion Ratio Lower Upper
146 100
111 37.1 25.3 46.9
148 64.4 44.4 82.5

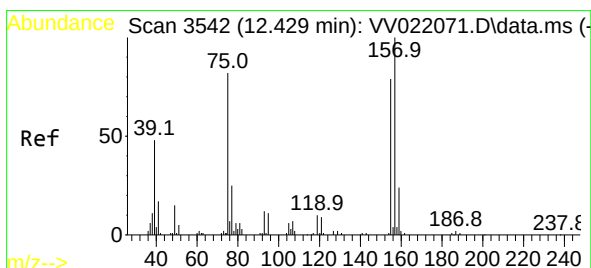
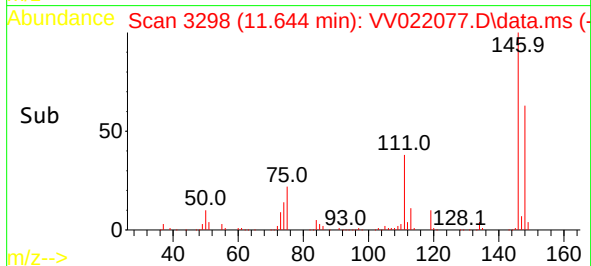
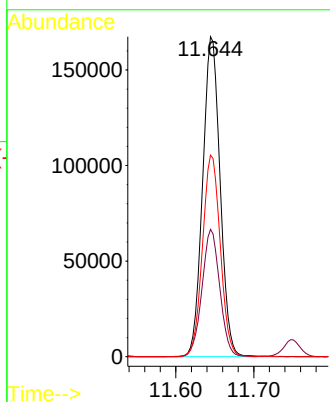
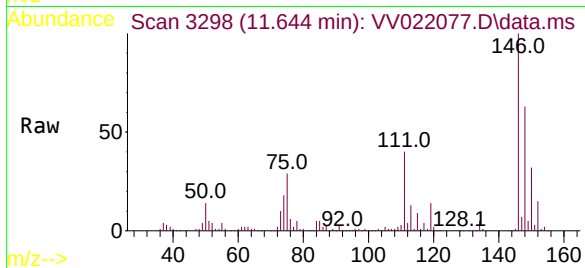




#67
1,2-Dichlorobenzene
Concen: 43.874 ug/L
RT: 11.644 min Scan# 3298
Delta R.T. 0.000 min
Lab File: VV022077.D
Acq: 02 Sep 2021 15:46

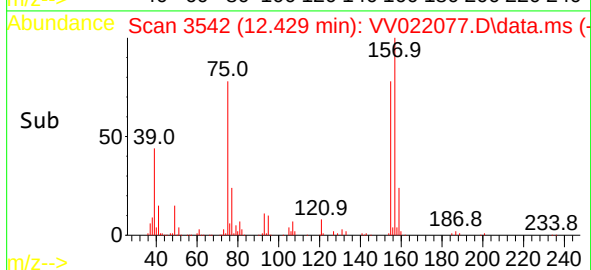
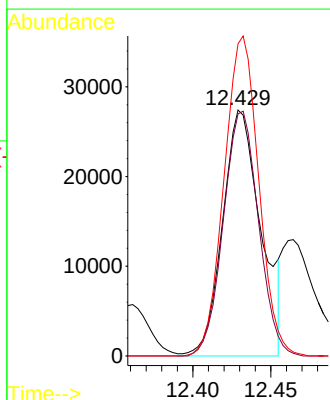
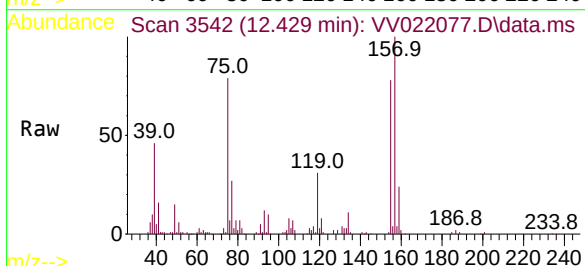
Instrument :
MSVOA_V
ClientSampled :

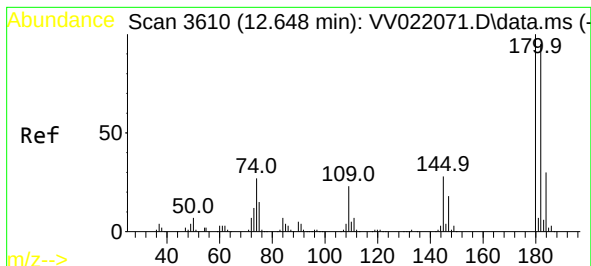
Tgt Ion:146 Resp: 260636
Ion Ratio Lower Upper
146 100
111 39.8 31.6 47.4
148 63.0 50.6 75.8



#68
1,2-Dibromo-3-chloropropane
Concen: 59.800 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. 0.000 min
Lab File: VV022077.D
Acq: 02 Sep 2021 15:46

Tgt Ion: 75 Resp: 46843
Ion Ratio Lower Upper
75 100
155 98.4 79.8 119.6
157 126.9 98.3 147.5

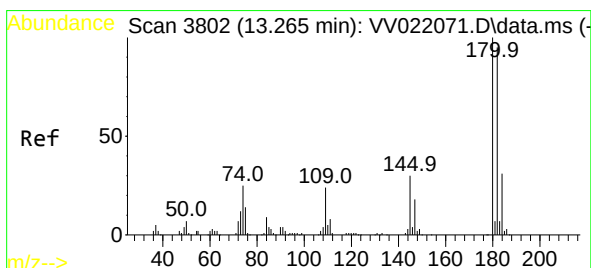
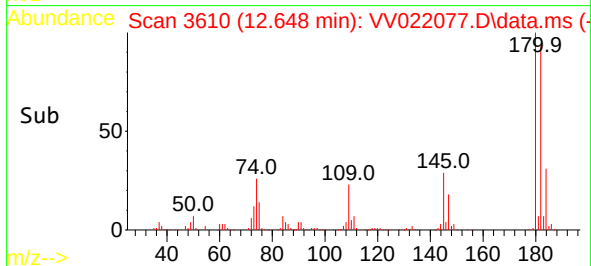
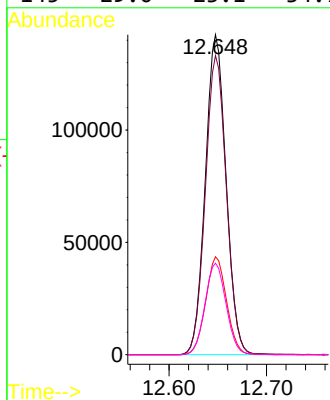
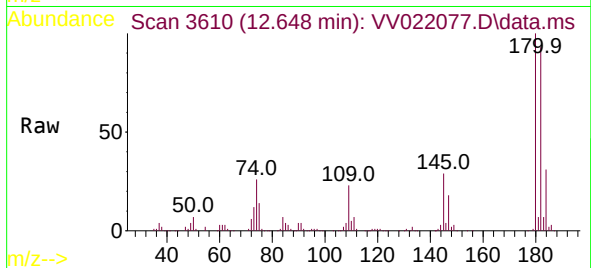




#69
1,3,5-Trichlorobenzene
Concen: 47.233 ug/L
RT: 12.648 min Scan# 3610
Delta R.T. 0.000 min
Lab File: VV022077.D
Acq: 02 Sep 2021 15:46

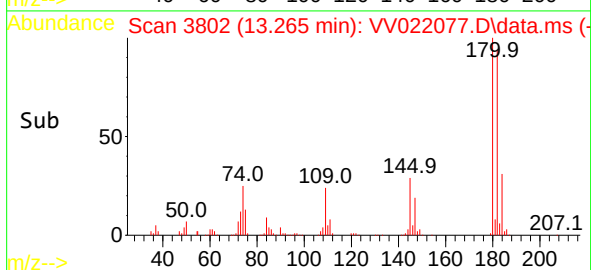
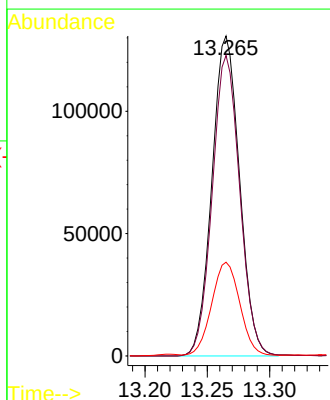
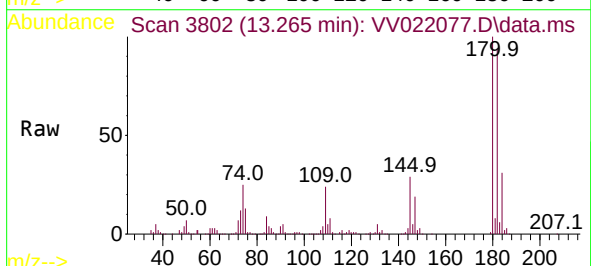
Instrument :
MSVOA_V
ClientSampled :

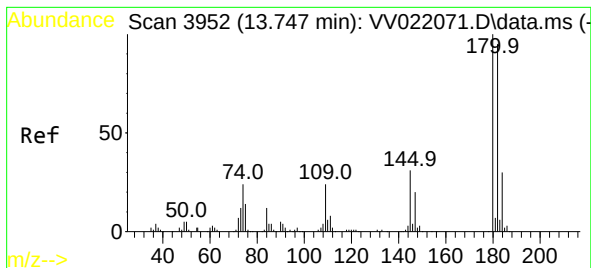
Tgt Ion:	180	Resp:	211305
Ion Ratio	Lower	Upper	
180	100		
182	94.4	76.4	114.6
184	30.8	24.0	36.0
145	29.0	23.1	34.7



#70
1,2,4-trichlorobenzene
Concen: 51.248 ug/L
RT: 13.265 min Scan# 3802
Delta R.T. 0.000 min
Lab File: VV022077.D
Acq: 02 Sep 2021 15:46

Tgt Ion:	180	Resp:	201682
Ion Ratio	Lower	Upper	
180	100		
182	93.5	75.9	113.9
145	30.0	23.8	35.6





#72
1,2,3-Trichlorobenzene
Concen: 48.920 ug/L
RT: 13.747 min Scan# 3952
Delta R.T. 0.000 min
Lab File: VV022077.D
Acq: 02 Sep 2021 15:46

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:180 Resp: 187778
Ion Ratio Lower Upper
180 100
182 94.9 76.3 114.5
145 37.6 25.4 38.0

