

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092121\
 Data File : VV022271.D
 Acq On : 21 Sep 2021 15:51
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 22 01:14:07 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 22 01:12:58 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	326008	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	314608	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	170679	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	93797	41.546	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.100%
7) Chloroethane-d5	1.558	69	81082	45.989	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.980%
11) 1,1-Dichloroethene-d2	2.105	63	181476	48.604	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.200%
21) 2-Butanone-d5	3.870	46	151416	97.793	ug/L	-0.03
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.790%
24) Chloroform-d	4.342	84	199226	48.396	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.800%
26) 1,2-Dichloroethane-d4	5.027	65	115322	47.560	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.120%
32) Benzene-d6	5.043	84	388337	45.509	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.020%
36) 1,2-Dichloropropane-d6	6.066	67	120566	44.927	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.860%
41) Toluene-d8	7.313	98	358069	44.452	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.900%
43) trans-1,3-Dichloroprop...	7.619	79	56846	44.505	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.020%
47) 2-Hexanone-d5	8.085	63	102357	99.406	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.410%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	165696	48.210	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.420%
66) 1,2-Dichlorobenzene-d4	11.625	152	146261	43.590	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.180%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	79179	35.333	ug/L	99
3) Chloromethane	1.240	50	91913	38.735	ug/L	99
5) Vinyl chloride	1.310	62	97252	40.663	ug/L	99
6) Bromomethane	1.510	94	65784	45.749	ug/L	98
8) Chloroethane	1.577	64	67969	45.429	ug/L	99
9) Trichlorofluoromethane	1.748	101	160058	46.995	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	102713	51.417	ug/L	97
12) 1,1-Dichloroethene	2.114	96	90020	47.871	ug/L	89
13) Acetone	2.156	43	149740	115.424	ug/L #	75
14) Carbon disulfide	2.291	76	212336	37.421	ug/L	100
15) Methyl Acetate	2.423	43	123231	48.777	ug/L	100
16) Methylene chloride	2.503	84	119791	47.547	ug/L	97
17) trans-1,2-Dichloroethene	2.754	96	100657	44.270	ug/L	98
18) Methyl tert-butyl Ether	2.764	73	348206	48.194	ug/L	98
19) 1,1-Dichloroethane	3.185	63	200918	49.615	ug/L	98
20) cis-1,2-Dichloroethene	3.905	96	116986	46.228	ug/L	96
22) 2-Butanone	3.953	43	183076	100.395	ug/L	96
23) Bromochloromethane	4.243	128	62947	46.707	ug/L	97
25) Chloroform	4.371	83	207891	48.496	ug/L	97

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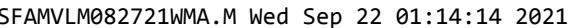
Instrument :
 MSVOA_V
 ClientSampleId :

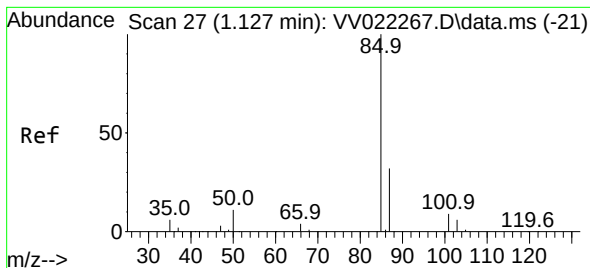
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.124	62	147761	51.421	ug/L	100
29) Cyclohexane	4.674	56	151196	42.992	ug/L	97
30) 1,1,1-Trichloroethane	4.603	97	177000	47.337	ug/L	99
31) Carbon tetrachloride	4.825	117	149550	46.553	ug/L	99
33) Benzene	5.095	78	432170	47.215	ug/L	100
34) Trichloroethene	5.908	95	116788	45.044	ug/L	98
35) Methylcyclohexane	6.127	83	163316	43.088	ug/L	98
37) 1,2-Dichloropropane	6.169	63	116198	48.973	ug/L	100
38) Bromodichloromethane	6.506	83	147982	48.770	ug/L	100
39) cis-1,3-Dichloropropene	7.024	75	169305	46.217	ug/L	99
40) 4-Methyl-2-pentanone	7.223	43	320122	99.520	ug/L	99
42) Toluene	7.384	91	467049	47.277	ug/L	100
44) trans-1,3-Dichloropropene	7.648	75	166468	48.826	ug/L	100
45) 1,1,2-Trichloroethane	7.838	97	116329	48.185	ug/L	99
46) Tetrachloroethene	7.973	164	89282	44.286	ug/L	97
48) 2-Hexanone	8.137	43	257081	103.006	ug/L	96
49) Dibromochloromethane	8.246	129	127194	49.220	ug/L	98
50) 1,2-Dibromoethane	8.352	107	123562	47.689	ug/L	100
51) Chlorobenzene	8.882	112	309548	46.604	ug/L	99
52) Ethylbenzene	9.011	91	494886	46.276	ug/L	99
53) m,p-Xylene	9.136	106	194315	46.748	ug/L	100
54) o-Xylene	9.542	106	192799	46.878	ug/L	98
55) Styrene	9.561	104	341411	48.642	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.243	83	179071	51.194	ug/L	98
59) Bromoform	9.731	173	85623	47.233	ug/L	99
60) Isopropylbenzene	9.931	105	513381	47.869	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	148164	50.088	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	424664	47.165	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	441892	48.286	ug/L	99
64) 1,3-Dichlorobenzene	11.181	146	250893	46.076	ug/L	99
65) 1,4-Dichlorobenzene	11.275	146	257161	46.153	ug/L	100
67) 1,2-Dichlorobenzene	11.644	146	255665	47.286	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.429	75	34174	47.935	ug/L	94
69) 1,3,5-Trichlorobenzene	12.648	180	182099	44.724	ug/L	100
70) 1,2,4-trichlorobenzene	13.262	180	149131	41.636	ug/L	100
71) Naphthalene	13.503	128	435742	42.292	ug/L	100
72) 1,2,3-Trichlorobenzene	13.744	180	152081	43.532	ug/L	100

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

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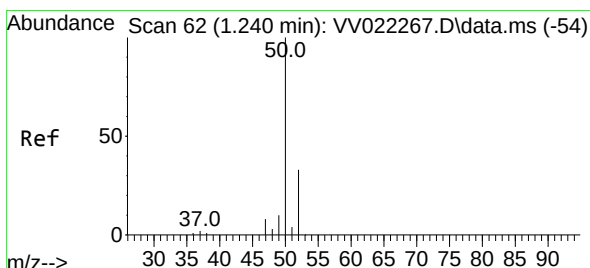
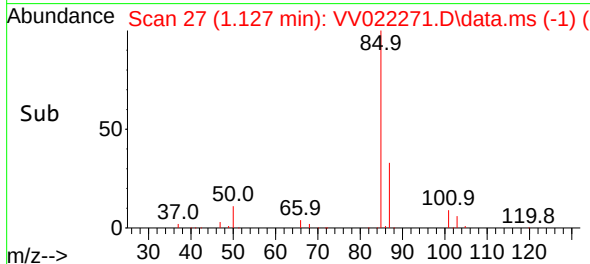
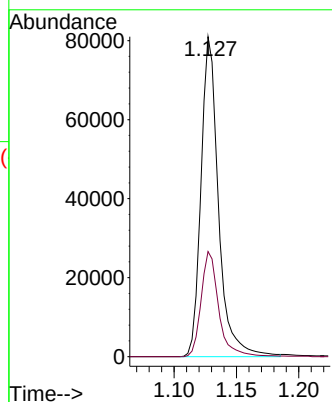
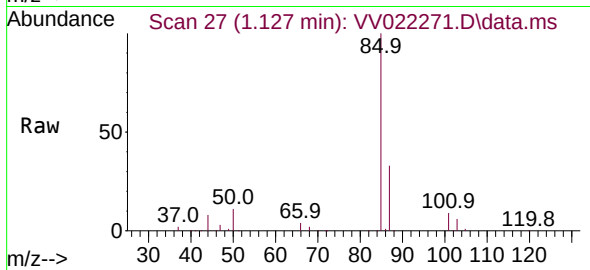




#2
Dichlorodifluoromethane
Concen: 35.333 ug/L
RT: 1.127 min Scan# 27
Delta R.T. 0.000 min
Lab File: VV022271.D
Acq: 21 Sep 2021 15:51

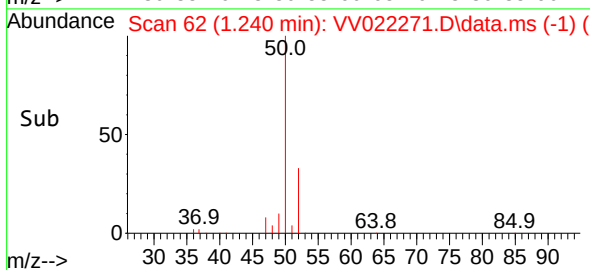
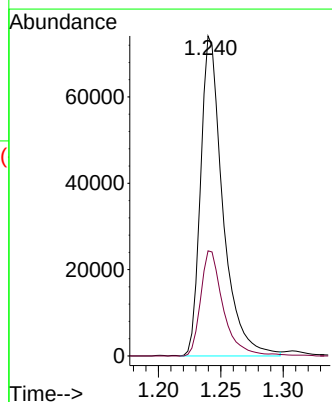
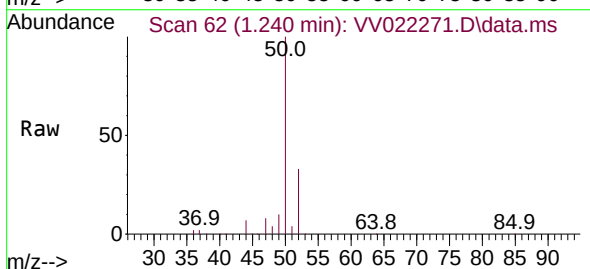
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MSVOA_V
ClientSampleId :

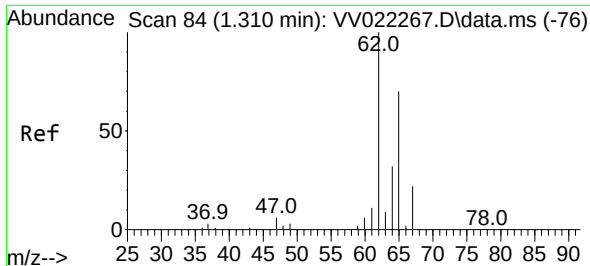
Tgt Ion: 85 Resp: 79179
Ion Ratio Lower Upper
85 100
87 33.3 26.0 39.0



#3
Chloromethane
Concen: 38.735 ug/L
RT: 1.240 min Scan# 62
Delta R.T. 0.000 min
Lab File: VV022271.D
Acq: 21 Sep 2021 15:51

Tgt Ion: 50 Resp: 91913
Ion Ratio Lower Upper
50 100
52 32.9 22.5 41.9

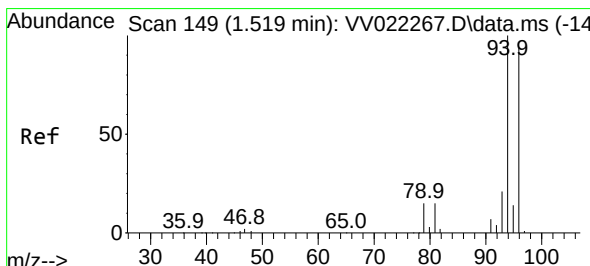
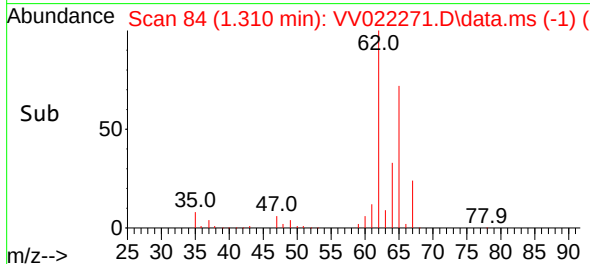
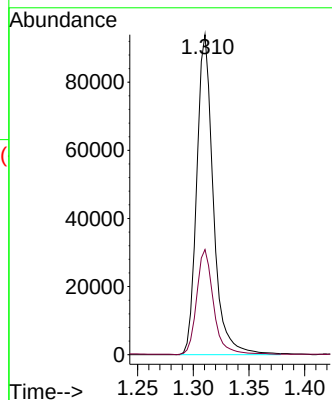
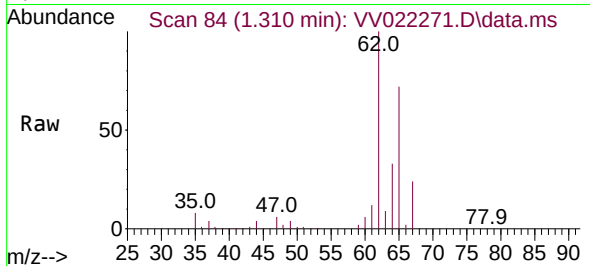




#5
 Vinyl chloride
 Concen: 40.663 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VV022271.D
 Acq: 21 Sep 2021 15:51

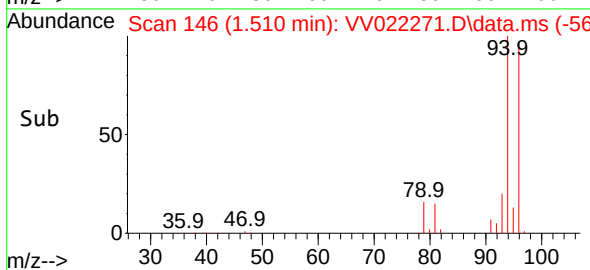
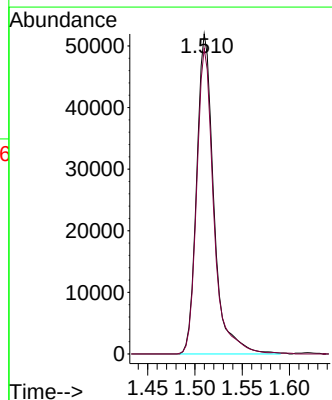
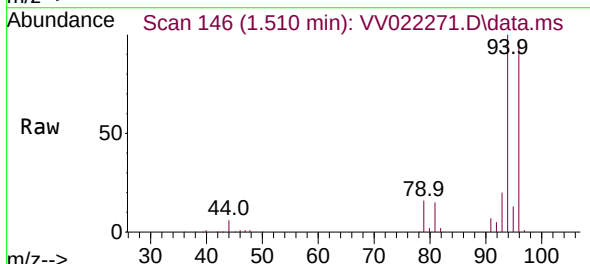
Instrument :
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 ClientSampled :

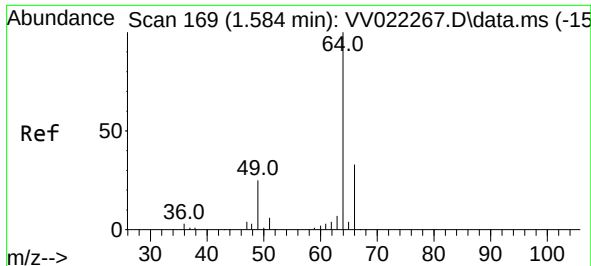
Tgt Ion: 62 Resp: 97252
 Ion Ratio Lower Upper
 62 100
 64 32.8 23.4 43.6



#6
 Bromomethane
 Concen: 45.749 ug/L
 RT: 1.510 min Scan# 146
 Delta R.T. -0.010 min
 Lab File: VV022271.D
 Acq: 21 Sep 2021 15:51

Tgt Ion: 94 Resp: 65784
 Ion Ratio Lower Upper
 94 100
 96 95.5 65.8 122.2

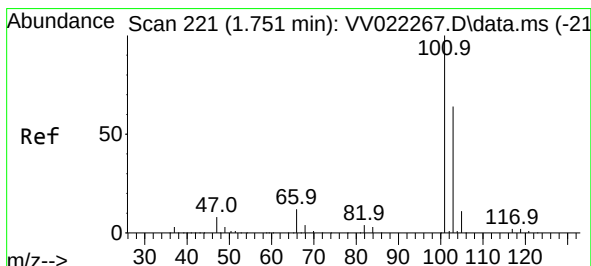
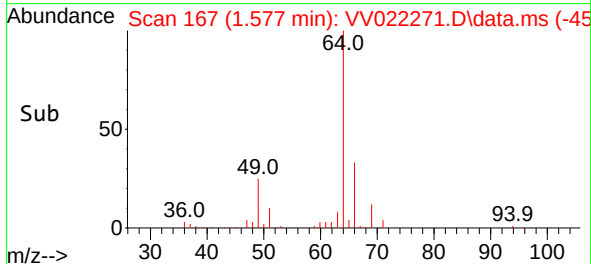
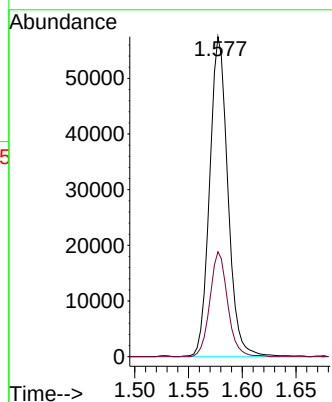
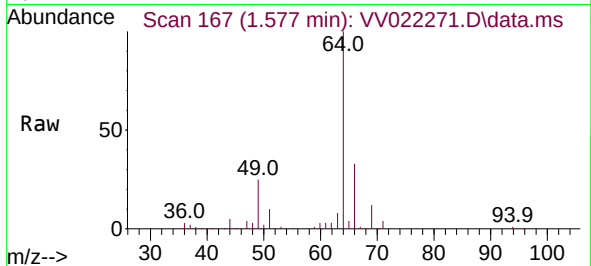




#8
Chloroethane
Concen: 45.429 ug/L
RT: 1.577 min Scan# 167
Delta R.T. -0.006 min
Lab File: VV022271.D
Acq: 21 Sep 2021 15:51

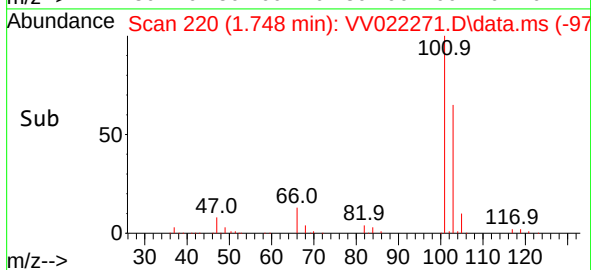
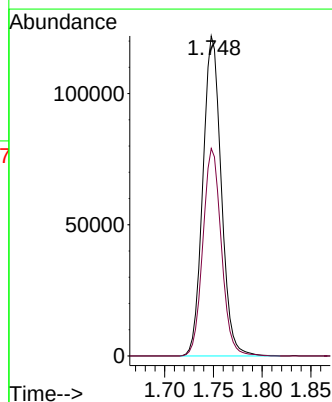
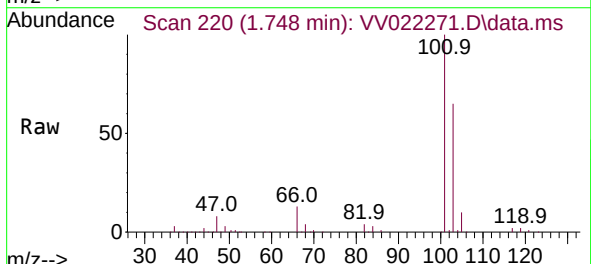
Instrument :
MSVOA_V
ClientSampled :

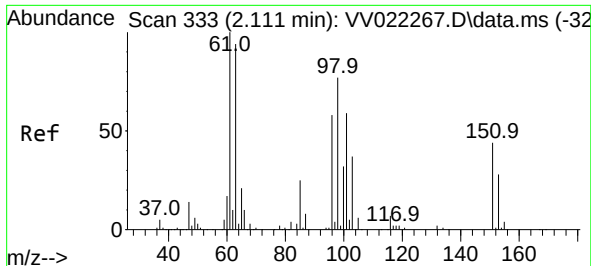
Tgt Ion: 64 Resp: 67969
Ion Ratio Lower Upper
64 100
66 32.8 22.7 42.3



#9
Trichlorofluoromethane
Concen: 46.995 ug/L
RT: 1.748 min Scan# 220
Delta R.T. -0.003 min
Lab File: VV022271.D
Acq: 21 Sep 2021 15:51

Tgt Ion:101 Resp: 160058
Ion Ratio Lower Upper
101 100
103 65.0 51.4 77.0





#10

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

Concen: 51.417 ug/L

RT: 2.114 min Scan# 334

Delta R.T. 0.003 min

Lab File: VV022271.D

Acq: 21 Sep 2021 15:51

Tgt Ion:101 Resp: 102713

Ion Ratio Lower Upper

101 100

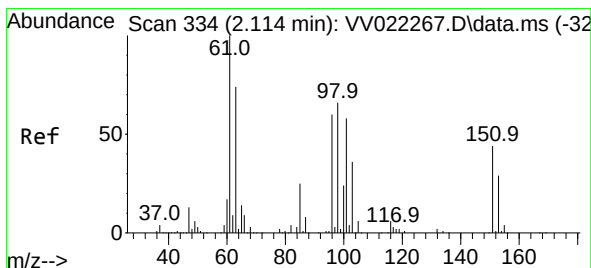
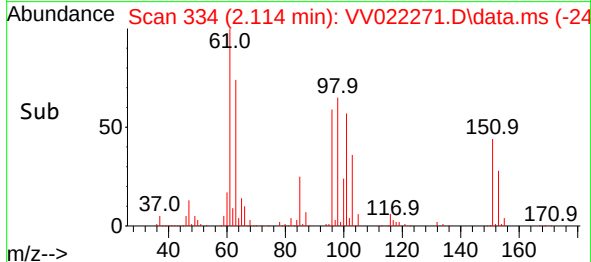
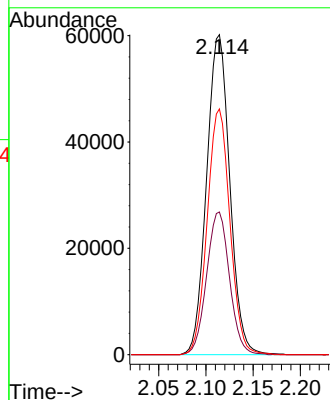
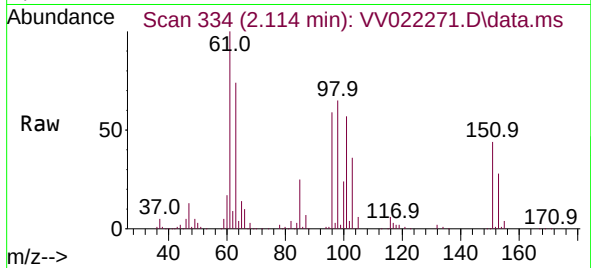
85 44.0 33.4 50.0

151 75.3 61.7 92.5

Instrument :

MSVOA_V

ClientSampleId :



#12

1,1-Dichloroethene

Concen: 47.871 ug/L

RT: 2.114 min Scan# 334

Delta R.T. 0.000 min

Lab File: VV022271.D

Acq: 21 Sep 2021 15:51

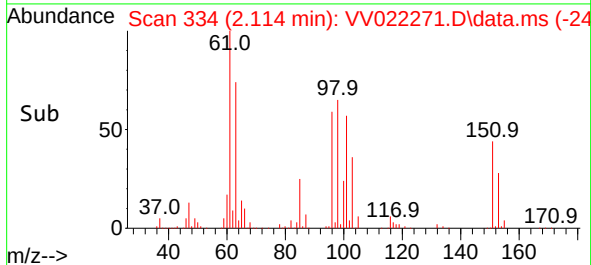
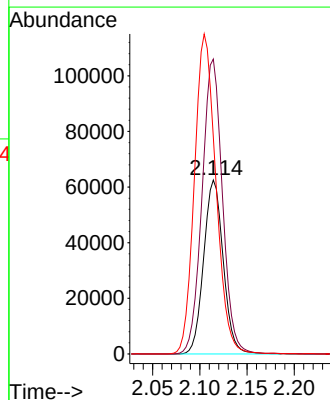
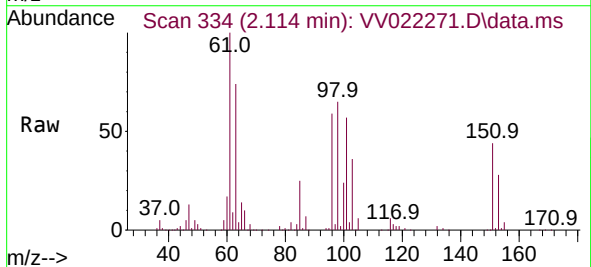
Tgt Ion: 96 Resp: 90020

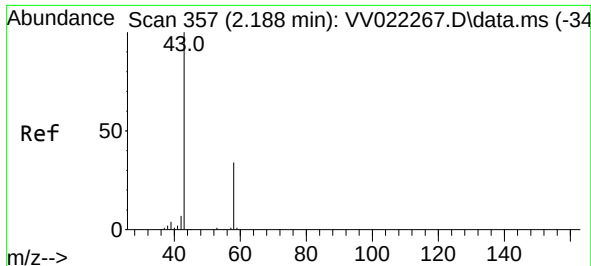
Ion Ratio Lower Upper

96 100

61 169.5 113.2 210.2

63 124.7 102.3 189.9

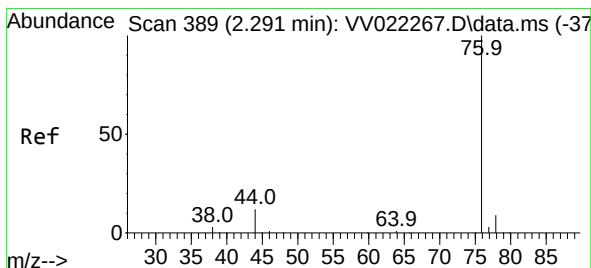
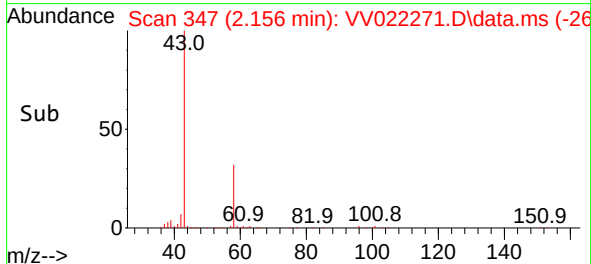
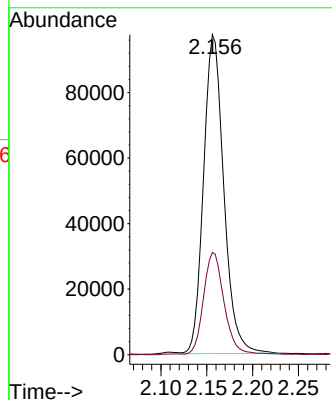
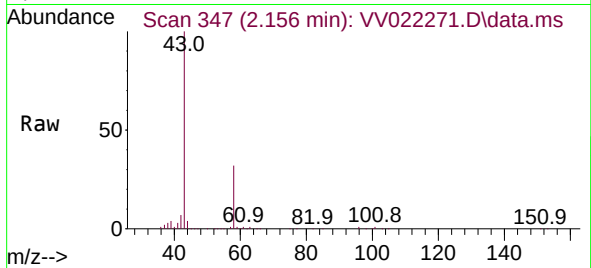




#13
Acetone
Concen: 115.424 ug/L
RT: 2.156 min Scan# 347
Delta R.T. -0.032 min
Lab File: VV022271.D
Acq: 21 Sep 2021 15:51

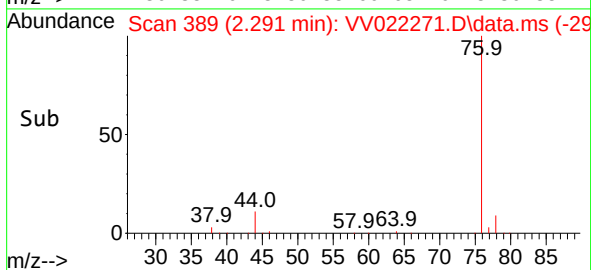
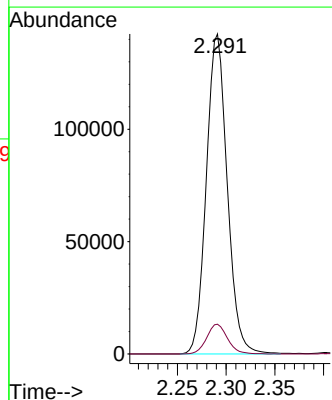
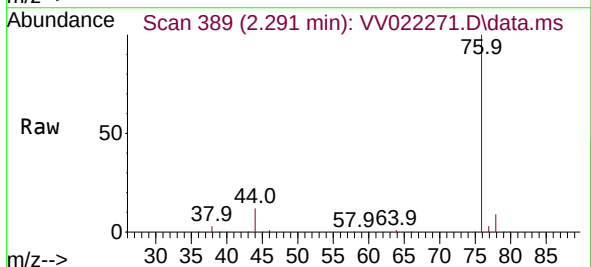
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MSVOA_V
ClientSampled :

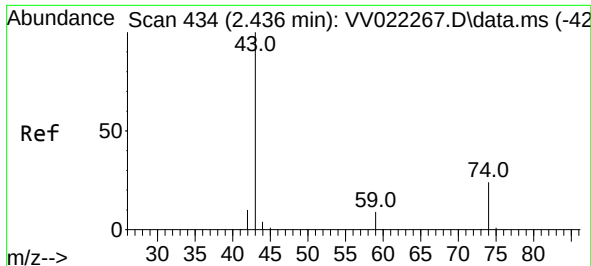
Tgt Ion: 43 Resp: 149740
Ion Ratio Lower Upper
43 100
58 31.9 0.0 0.4#



#14
Carbon disulfide
Concen: 37.421 ug/L
RT: 2.291 min Scan# 389
Delta R.T. 0.000 min
Lab File: VV022271.D
Acq: 21 Sep 2021 15:51

Tgt Ion: 76 Resp: 212336
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.2

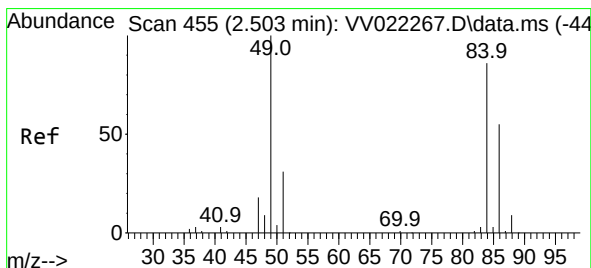
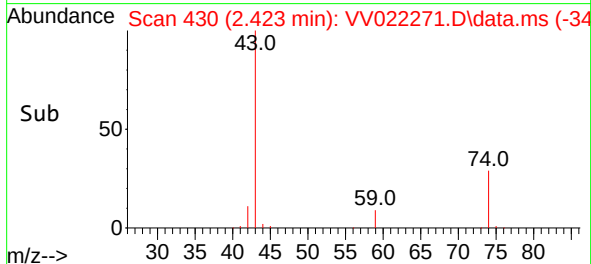
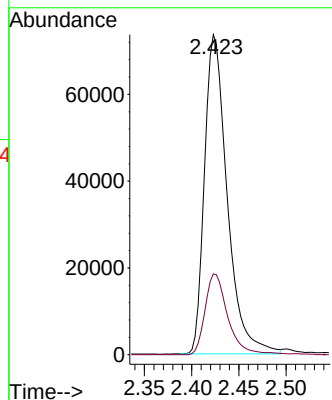
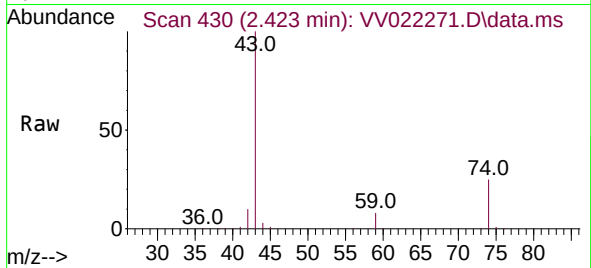




#15
Methyl Acetate
Concen: 48.777 ug/L
RT: 2.423 min Scan# 430
Delta R.T. -0.013 min
Lab File: VV022271.D
Acq: 21 Sep 2021 15:51

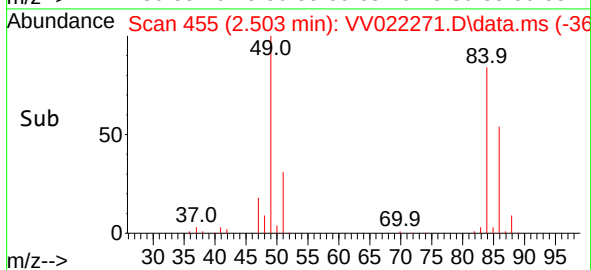
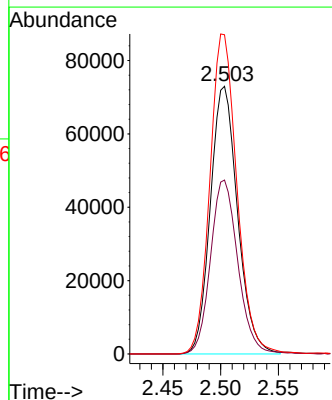
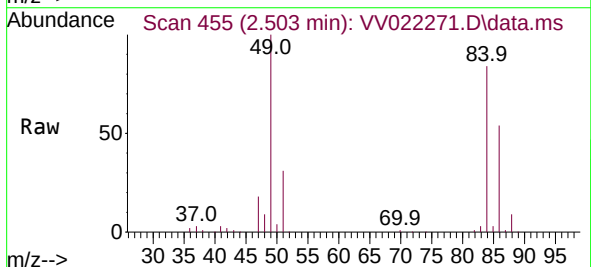
Instrument :
MSVOA_V
ClientSampleId :

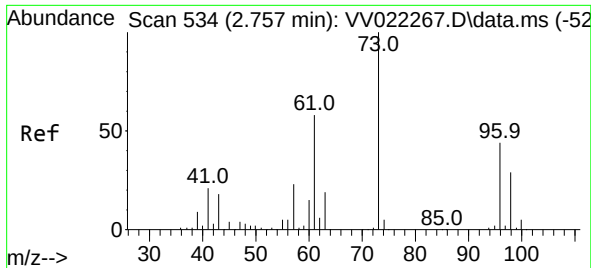
Tgt Ion: 43 Resp: 123231
Ion Ratio Lower Upper
43 100
74 25.3 20.2 30.2



#16
Methylene chloride
Concen: 47.547 ug/L
RT: 2.503 min Scan# 455
Delta R.T. 0.000 min
Lab File: VV022271.D
Acq: 21 Sep 2021 15:51

Tgt Ion: 84 Resp: 119791
Ion Ratio Lower Upper
84 100
86 64.9 44.8 83.2
49 119.2 80.2 149.0

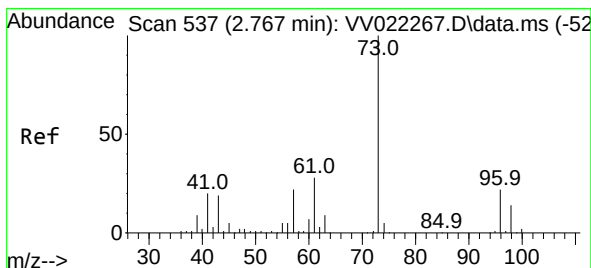
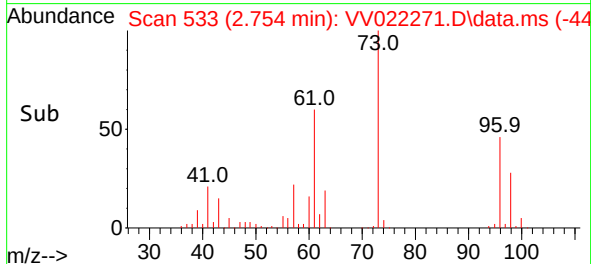
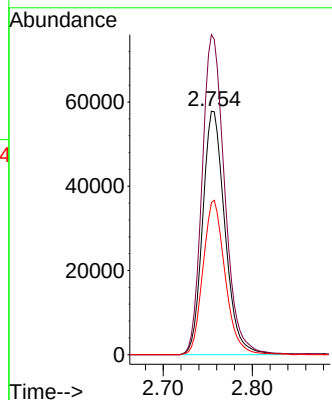
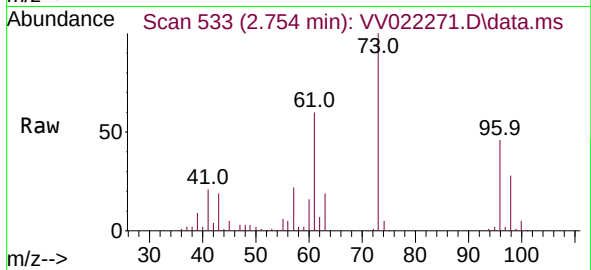




#17
trans-1,2-Dichloroethene
Concen: 44.270 ug/L
RT: 2.754 min Scan# 533
Delta R.T. -0.003 min
Lab File: VV022271.D
Acq: 21 Sep 2021 15:51

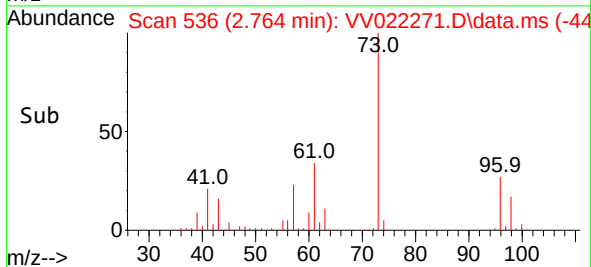
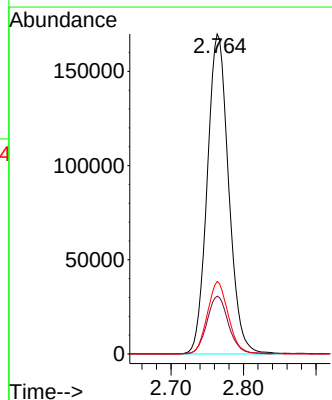
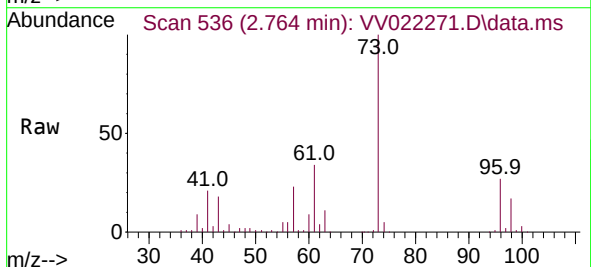
Instrument :
MSVOA_V
ClientSampleId :

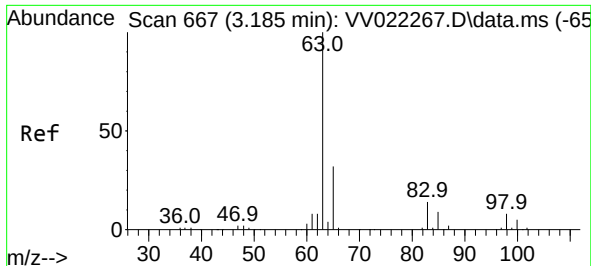
Tgt Ion: 96 Resp: 100657
Ion Ratio Lower Upper
96 100
61 131.4 89.1 165.5
98 62.5 43.8 81.3



#18
Methyl tert-butyl Ether
Concen: 48.194 ug/L
RT: 2.764 min Scan# 536
Delta R.T. -0.003 min
Lab File: VV022271.D
Acq: 21 Sep 2021 15:51

Tgt Ion: 73 Resp: 348206
Ion Ratio Lower Upper
73 100
43 18.2 13.8 20.6
57 22.2 17.1 25.7





#19

1,1-Dichloroethane

Concen: 49.615 ug/L

RT: 3.185 min Scan# 667

Delta R.T. 0.000 min

Lab File: VV022271.D

Acq: 21 Sep 2021 15:51

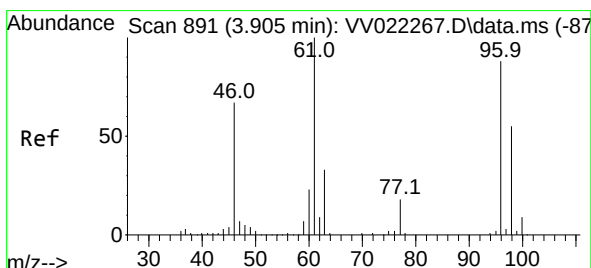
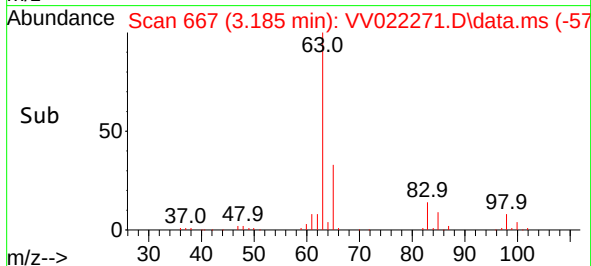
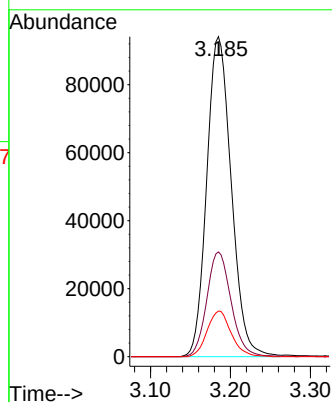
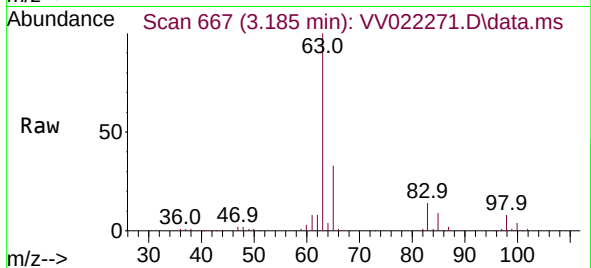
Tgt Ion: 63 Resp: 200918

Ion Ratio Lower Upper

63 100

65 32.7 22.2 41.2

83 14.3 9.7 17.9



#20

cis-1,2-Dichloroethene

Concen: 46.228 ug/L

RT: 3.905 min Scan# 891

Delta R.T. 0.000 min

Lab File: VV022271.D

Acq: 21 Sep 2021 15:51

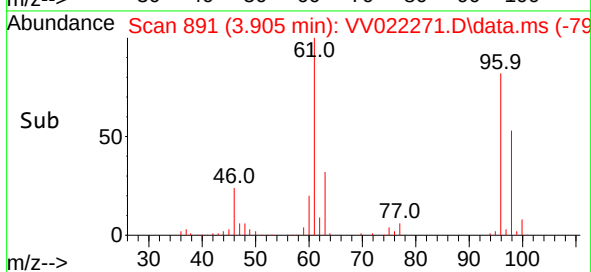
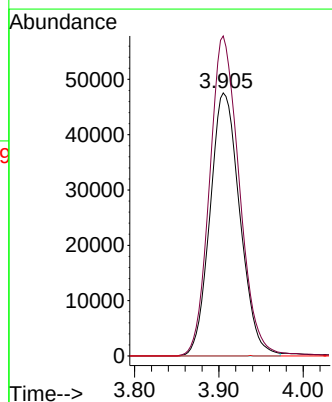
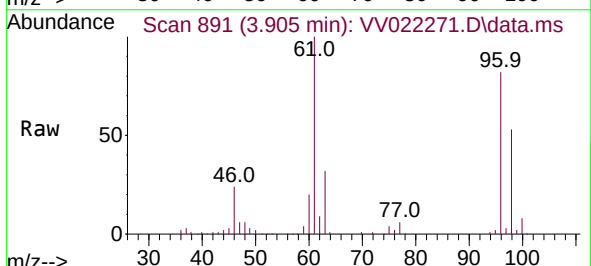
Tgt Ion: 96 Resp: 116986

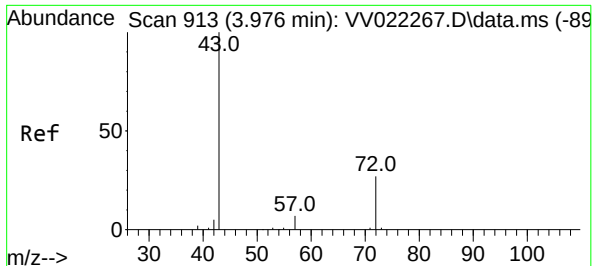
Ion Ratio Lower Upper

96 100

61 121.7 81.8 152.0

68 0.0 0.0 0.0

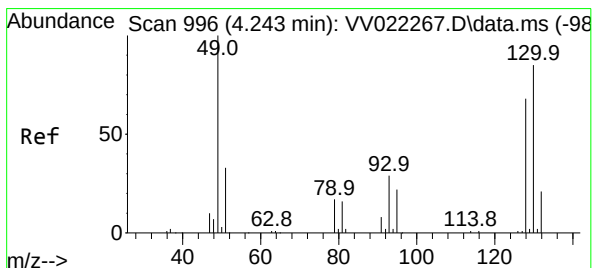
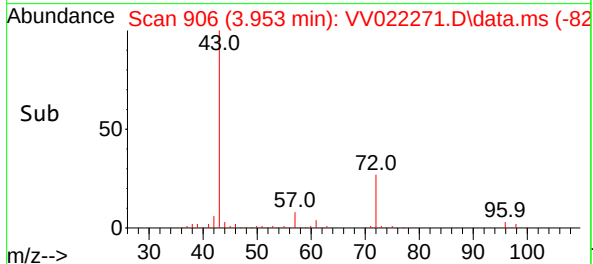
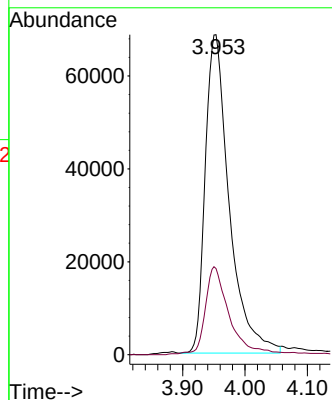
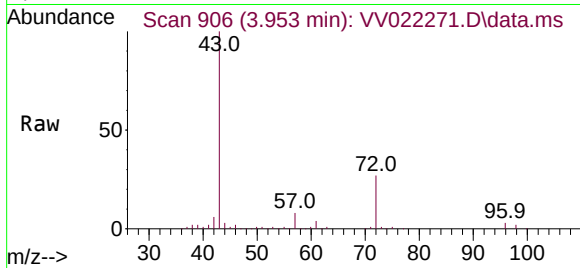




#22
2-Butanone
Concen: 100.395 ug/L
RT: 3.953 min Scan# 906
Delta R.T. -0.022 min
Lab File: VV022271.D
Acq: 21 Sep 2021 15:51

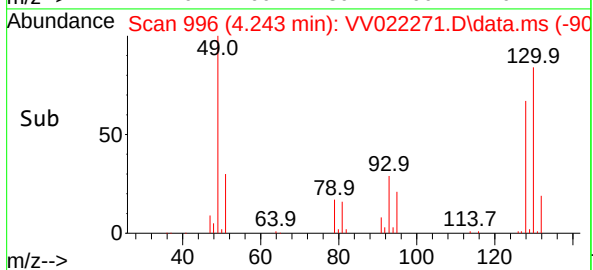
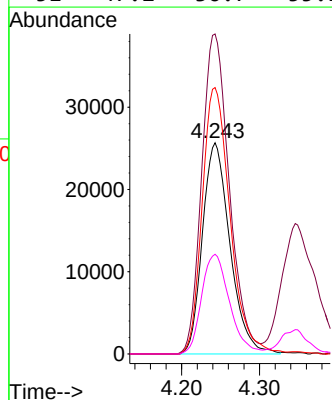
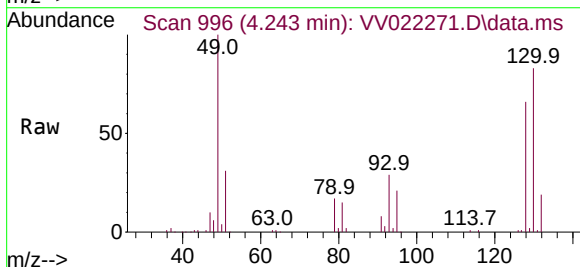
Instrument :
MSVOA_V
ClientSampleId :

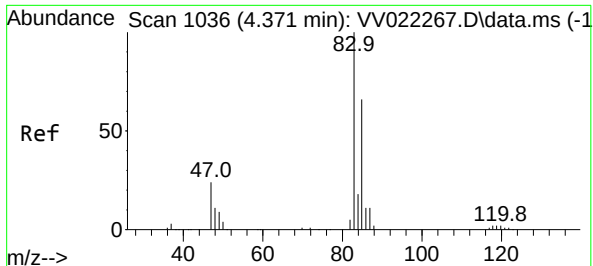
Tgt Ion: 43 Resp: 183076
Ion Ratio Lower Upper
43 100
72 24.4 13.3 39.8



#23
Bromochloromethane
Concen: 46.707 ug/L
RT: 4.243 min Scan# 996
Delta R.T. 0.000 min
Lab File: VV022271.D
Acq: 21 Sep 2021 15:51

Tgt Ion:128 Resp: 62947
Ion Ratio Lower Upper
128 100
49 151.5 101.6 188.8
130 126.1 88.5 164.3
51 47.2 36.7 55.1





#25

Chloroform

Concen: 48.496 ug/L

RT: 4.371 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VV022271.D

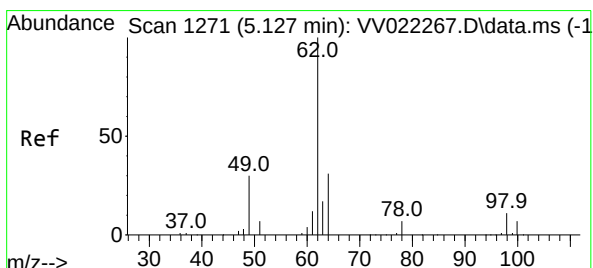
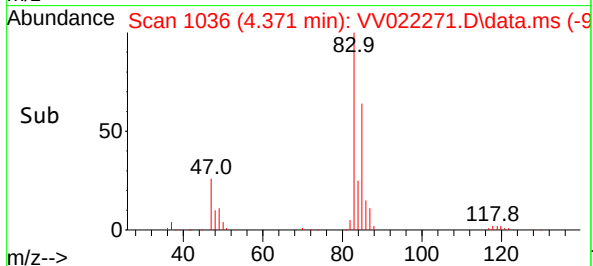
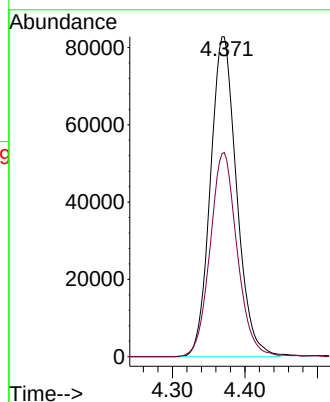
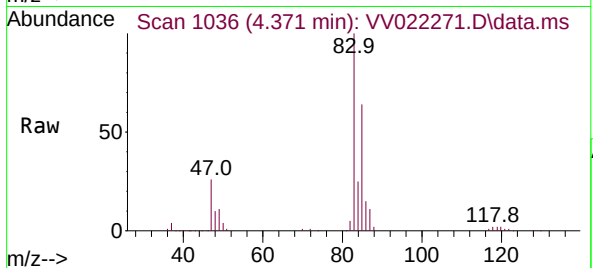
Acq: 21 Sep 2021 15:51

Tgt Ion: 83 Resp: 207891

Ion Ratio Lower Upper

83 100

85 63.8 46.3 85.9



#27

1,2-Dichloroethane

Concen: 51.421 ug/L

RT: 5.124 min Scan# 1270

Delta R.T. -0.003 min

Lab File: VV022271.D

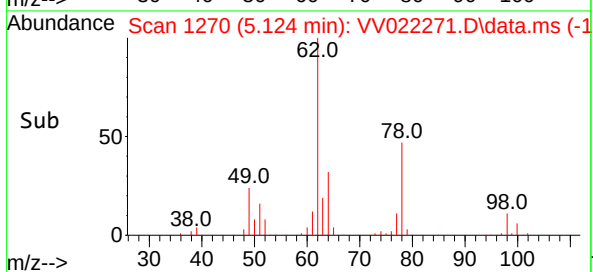
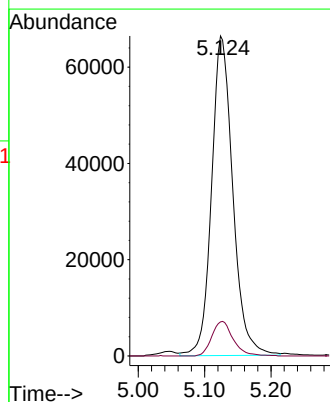
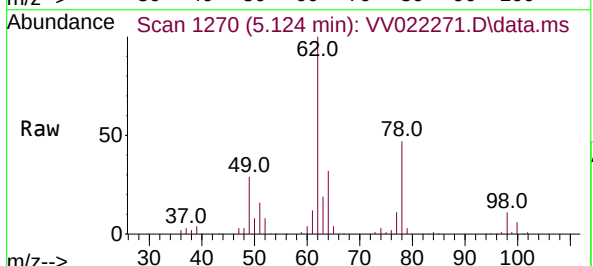
Acq: 21 Sep 2021 15:51

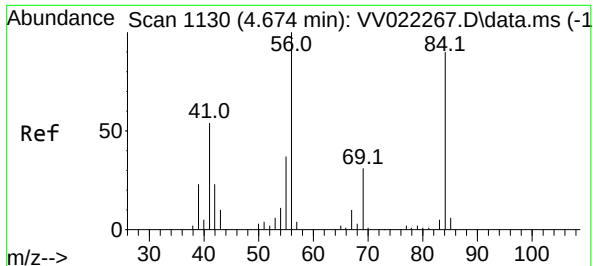
Tgt Ion: 62 Resp: 147761

Ion Ratio Lower Upper

62 100

98 10.7 8.5 12.7





#29

Cyclohexane

Concen: 42.992 ug/L

RT: 4.674 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VV022271.D

Acq: 21 Sep 2021 15:51

Tgt Ion: 56 Resp: 151196

Ion Ratio Lower Upper

56 100

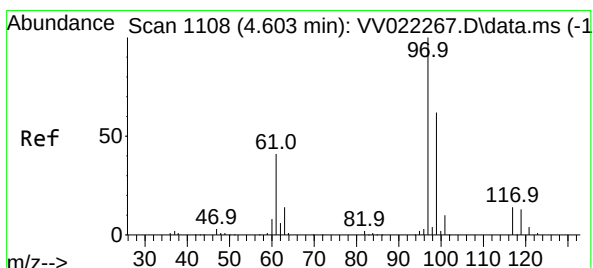
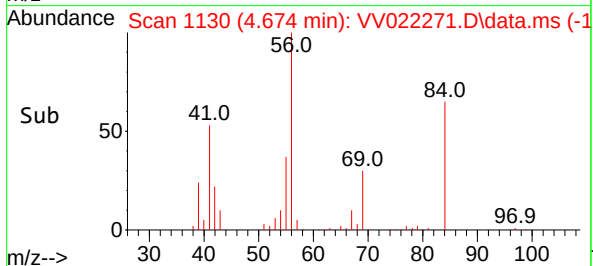
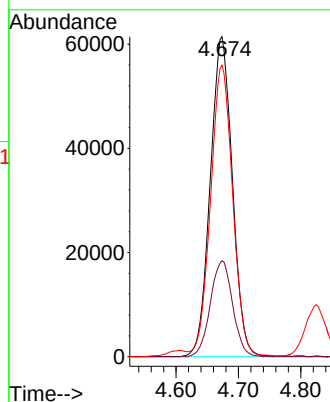
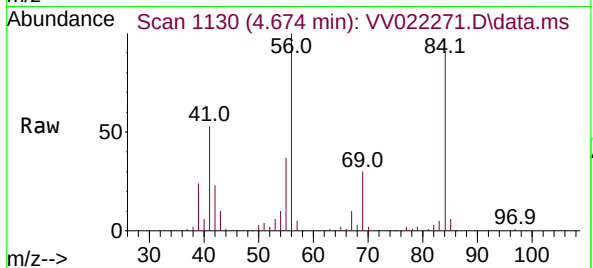
69 30.1 25.2 37.8

84 90.2 74.6 111.8

Instrument :

MSVOA_V

ClientSampleId :



#30

1,1,1-Trichloroethane

Concen: 47.337 ug/L

RT: 4.603 min Scan# 1108

Delta R.T. 0.000 min

Lab File: VV022271.D

Acq: 21 Sep 2021 15:51

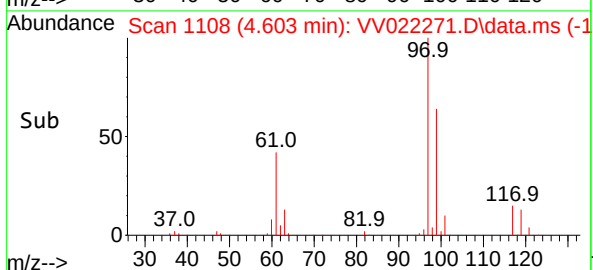
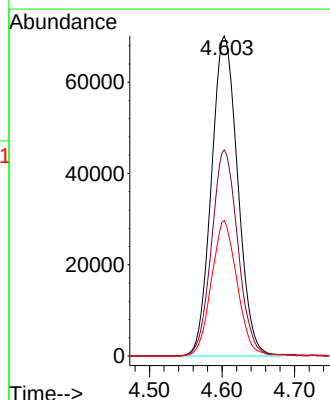
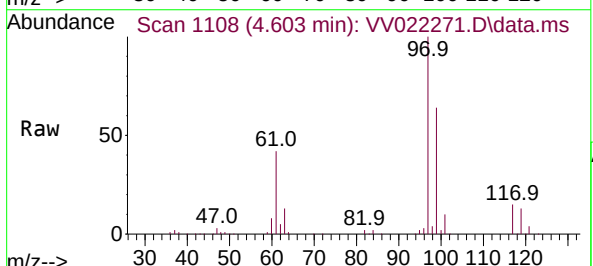
Tgt Ion: 97 Resp: 177000

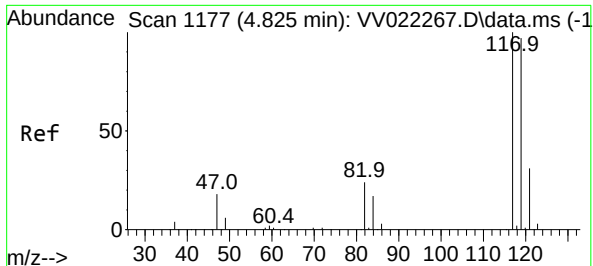
Ion Ratio Lower Upper

97 100

99 64.5 52.0 78.0

61 41.2 31.8 47.8

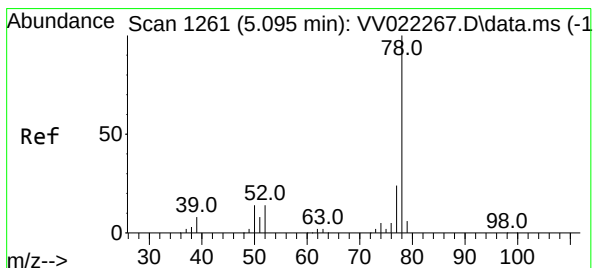
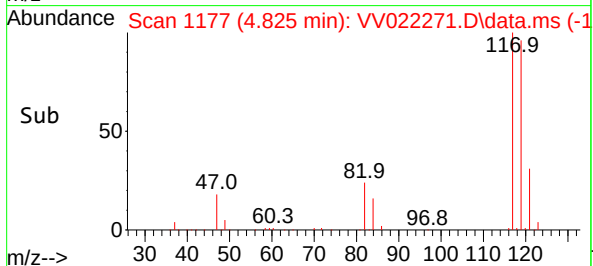
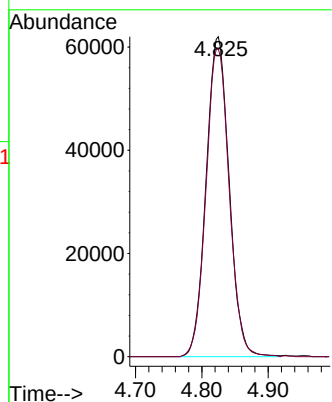
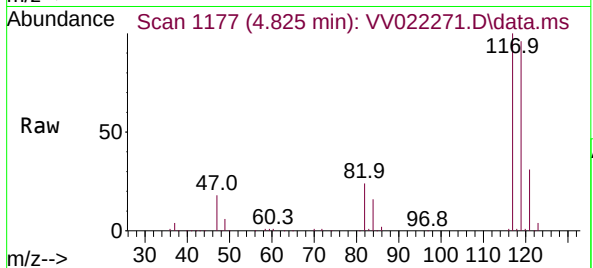




#31
Carbon tetrachloride
Concen: 46.553 ug/L
RT: 4.825 min Scan# 1177
Delta R.T. 0.000 min
Lab File: VV022271.D
Acq: 21 Sep 2021 15:51

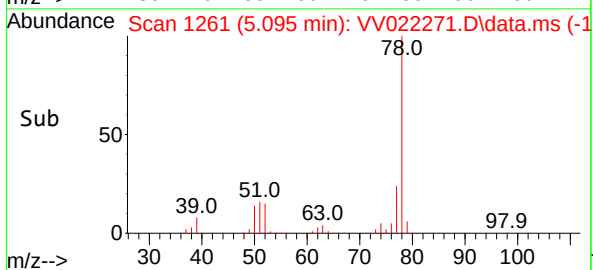
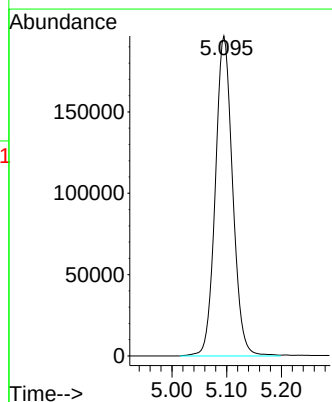
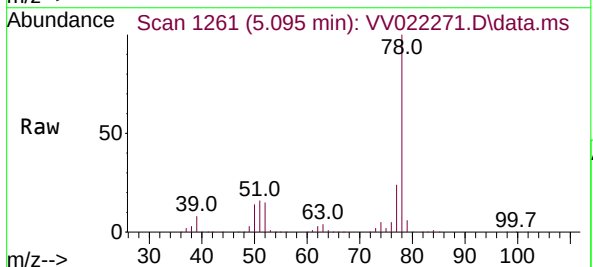
Instrument :
MSVOA_V
ClientSampled :

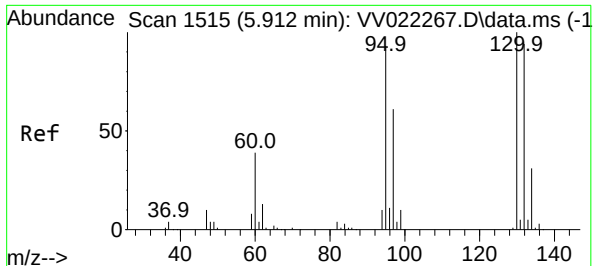
Tgt Ion:117 Resp: 149550
Ion Ratio Lower Upper
117 100
119 97.1 76.6 114.8



#33
Benzene
Concen: 47.215 ug/L
RT: 5.095 min Scan# 1261
Delta R.T. 0.000 min
Lab File: VV022271.D
Acq: 21 Sep 2021 15:51

Tgt Ion: 78 Resp: 432170





#34

Trichloroethene

Concen: 45.044 ug/L

RT: 5.908 min Scan# 1514

Delta R.T. -0.003 min

Lab File: VV022271.D

Acq: 21 Sep 2021 15:51

Tgt Ion: 95 Resp: 116788

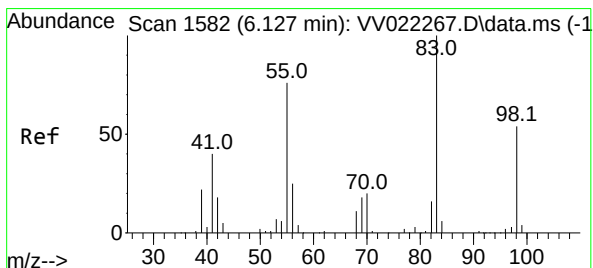
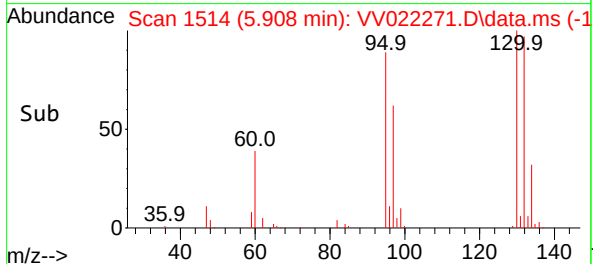
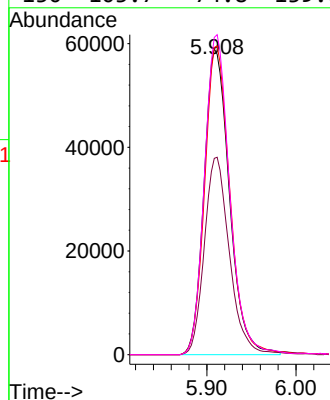
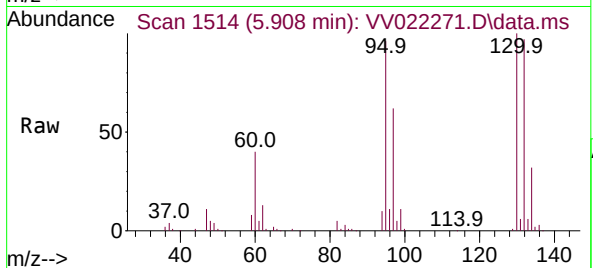
Ion Ratio Lower Upper

95 100

97 64.2 44.1 81.9

132 100.4 70.7 131.3

130 103.7 74.8 139.0



#35

Methylcyclohexane

Concen: 43.088 ug/L

RT: 6.127 min Scan# 1582

Delta R.T. 0.000 min

Lab File: VV022271.D

Acq: 21 Sep 2021 15:51

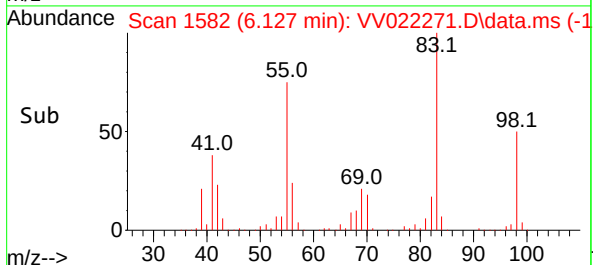
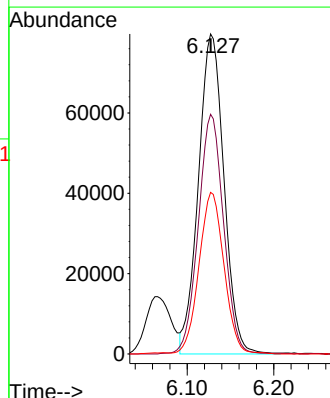
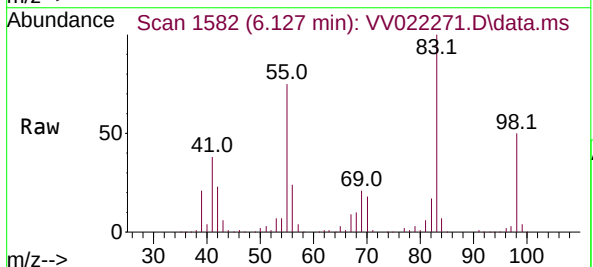
Tgt Ion: 83 Resp: 163316

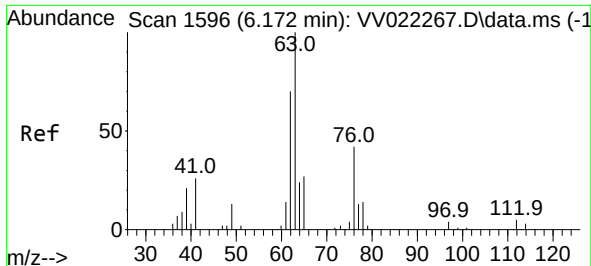
Ion Ratio Lower Upper

83 100

55 74.0 56.8 85.2

98 49.5 39.9 59.9





#37

1,2-Dichloropropane

Concen: 48.973 ug/L

RT: 6.169 min Scan# 1595

Delta R.T. -0.003 min

Lab File: VV022271.D

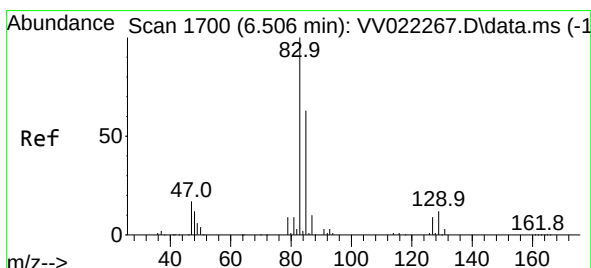
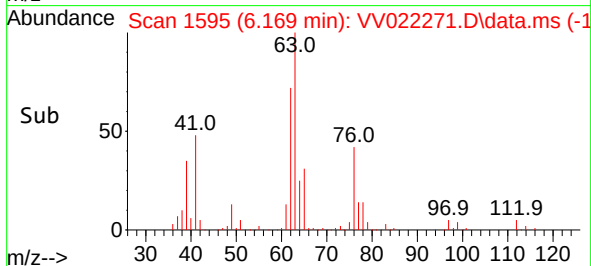
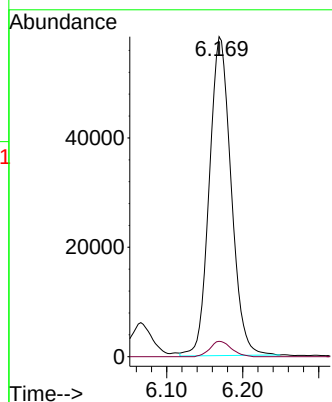
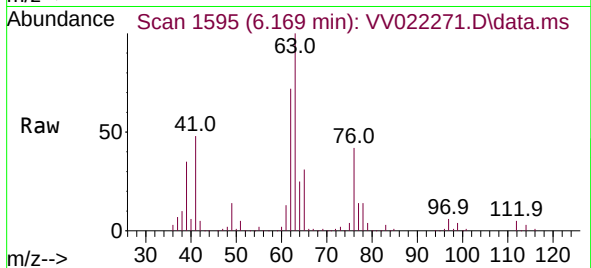
Acq: 21 Sep 2021 15:51

Tgt Ion: 63 Resp: 116198

Ion Ratio Lower Upper

63 100

112 4.7 3.8 5.6



#38

Bromodichloromethane

Concen: 48.770 ug/L

RT: 6.506 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VV022271.D

Acq: 21 Sep 2021 15:51

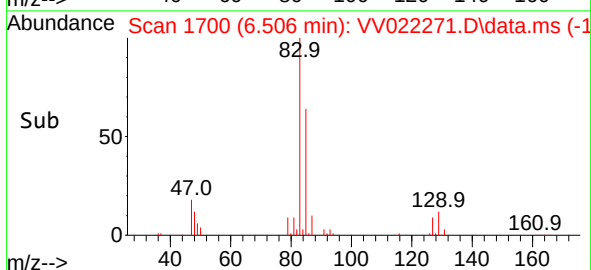
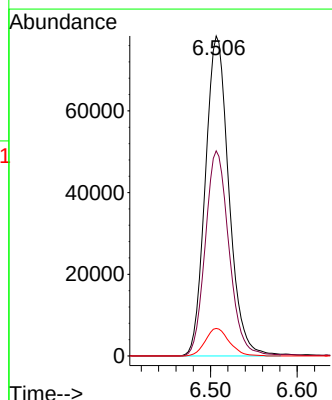
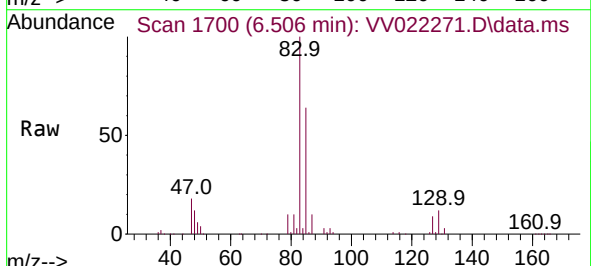
Tgt Ion: 83 Resp: 147982

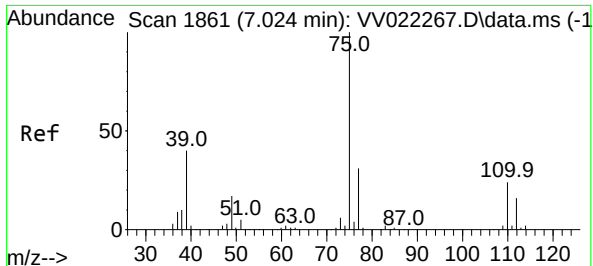
Ion Ratio Lower Upper

83 100

85 64.1 44.8 83.2

127 8.6 7.3 10.9



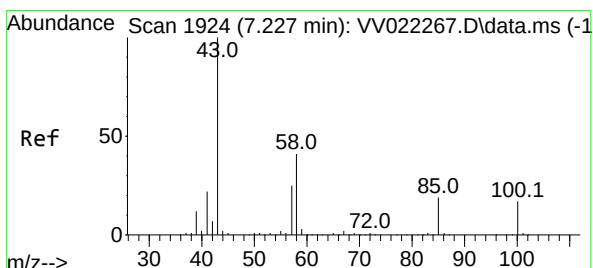
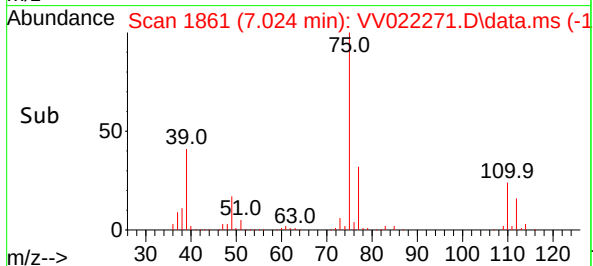
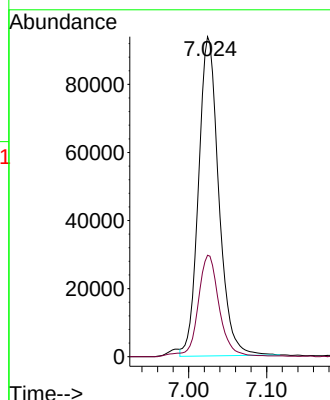
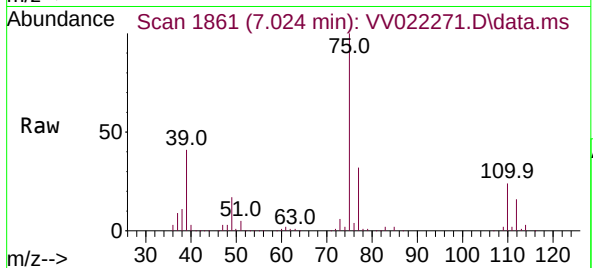


#39

cis-1,3-Dichloropropene
 Concen: 46.217 ug/L
 RT: 7.024 min Scan# 1861
 Delta R.T. 0.000 min
 Lab File: VV022271.D
 Acq: 21 Sep 2021 15:51

Instrument :
 MSVOA_V
 ClientSampled :

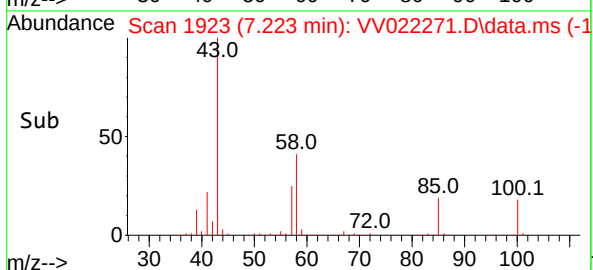
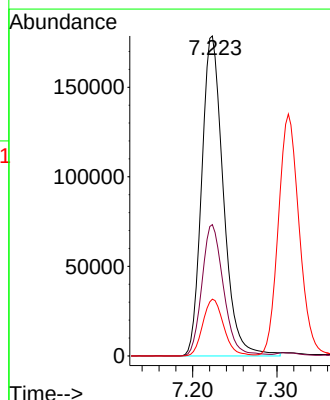
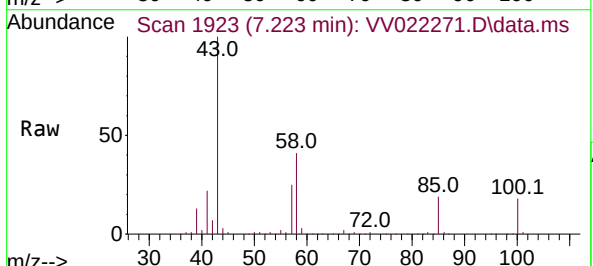
Tgt Ion: 75 Resp: 169305
 Ion Ratio Lower Upper
 75 100
 77 31.7 22.7 42.1

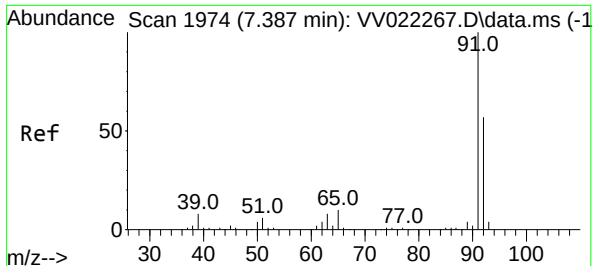


#40

4-Methyl-2-pentanone
 Concen: 99.520 ug/L
 RT: 7.223 min Scan# 1923
 Delta R.T. -0.003 min
 Lab File: VV022271.D
 Acq: 21 Sep 2021 15:51

Tgt Ion: 43 Resp: 320122
 Ion Ratio Lower Upper
 43 100
 58 41.0 33.3 49.9
 100 17.1 14.5 21.7

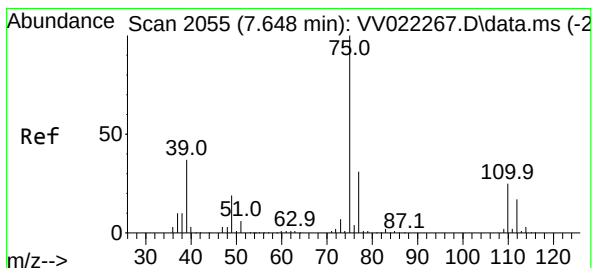
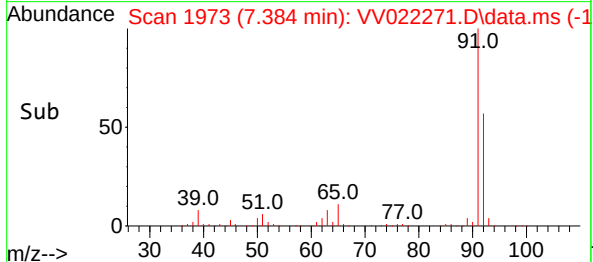
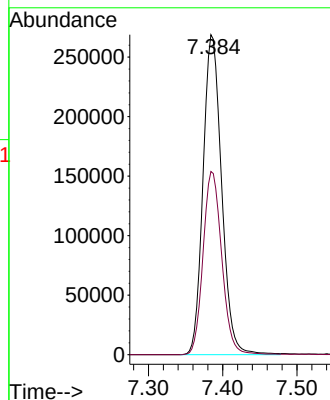
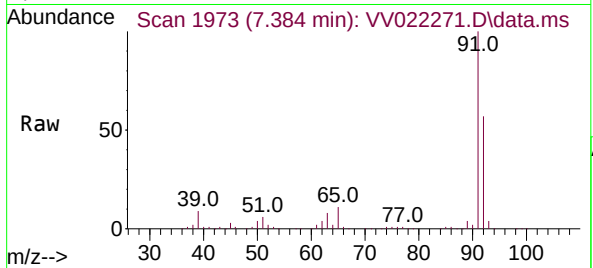




#42
Toluene
Concen: 47.277 ug/L
RT: 7.384 min Scan# 1973
Delta R.T. -0.003 min
Lab File: VV022271.D
Acq: 21 Sep 2021 15:51

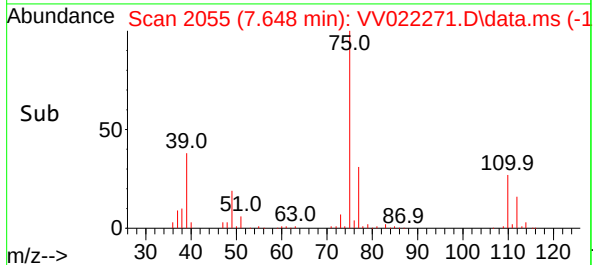
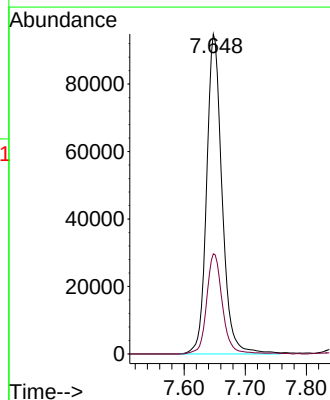
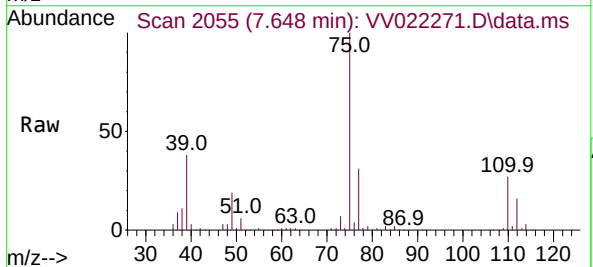
Instrument :
MSVOA_V
ClientSampled :

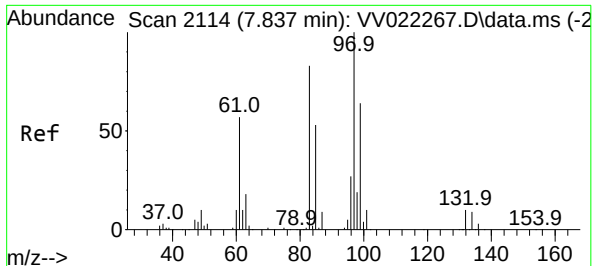
Tgt Ion: 91 Resp: 467049
Ion Ratio Lower Upper
91 100
92 57.3 40.3 74.8



#44
trans-1,3-Dichloropropene
Concen: 48.826 ug/L
RT: 7.648 min Scan# 2055
Delta R.T. 0.000 min
Lab File: VV022271.D
Acq: 21 Sep 2021 15:51

Tgt Ion: 75 Resp: 166468
Ion Ratio Lower Upper
75 100
77 31.3 21.8 40.6





#45

1,1,2-Trichloroethane

Concen: 48.185 ug/L

RT: 7.838 min Scan# 2114

Delta R.T. 0.000 min

Lab File: VV022271.D

Acq: 21 Sep 2021 15:51

Tgt Ion: 97 Resp: 116329

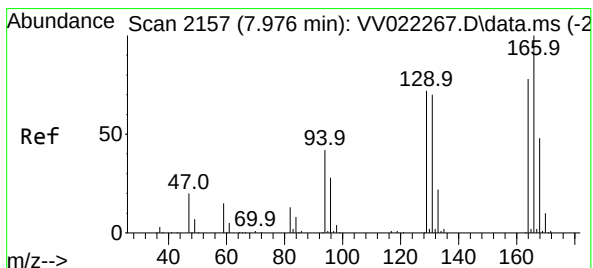
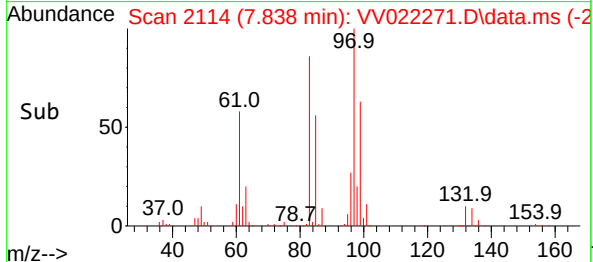
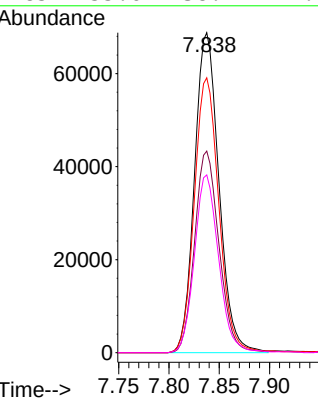
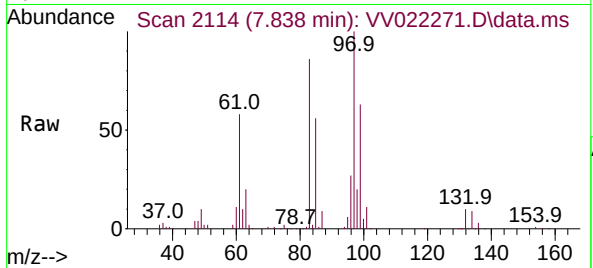
Ion Ratio Lower Upper

97 100

99 63.0 43.8 81.4

83 85.9 58.8 109.2

85 55.6 38.4 71.4



#46

Tetrachloroethene

Concen: 44.286 ug/L

RT: 7.973 min Scan# 2156

Delta R.T. -0.003 min

Lab File: VV022271.D

Acq: 21 Sep 2021 15:51

Tgt Ion:164 Resp: 89282

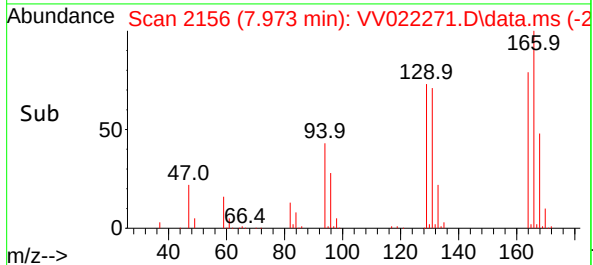
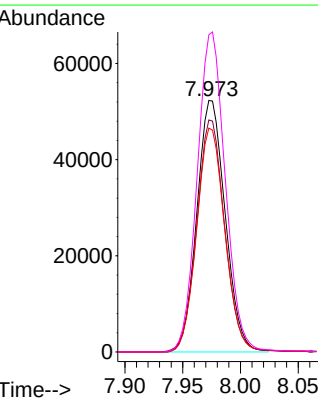
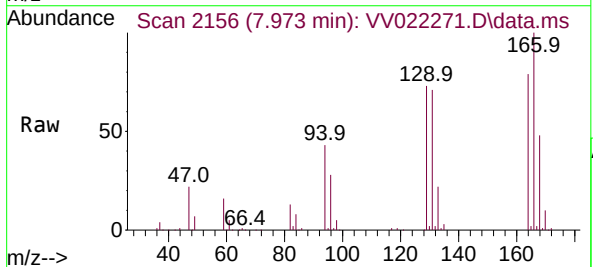
Ion Ratio Lower Upper

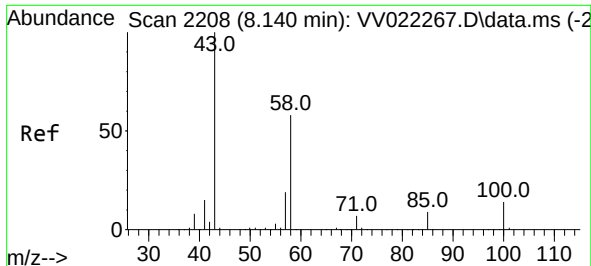
164 100

129 92.3 62.9 116.9

131 89.0 61.0 113.4

166 126.1 90.6 168.3



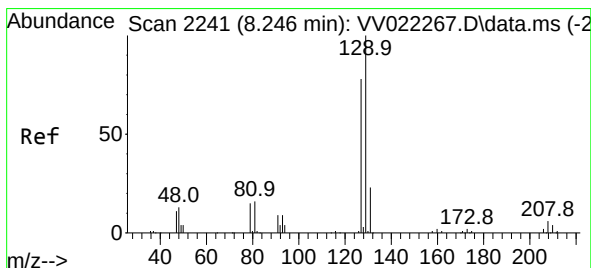
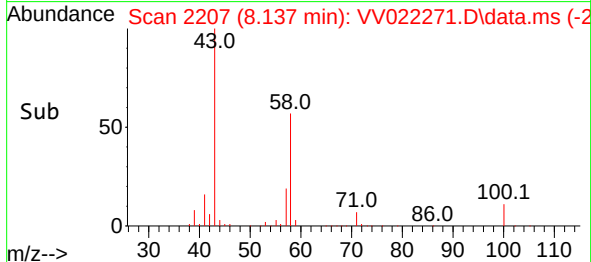
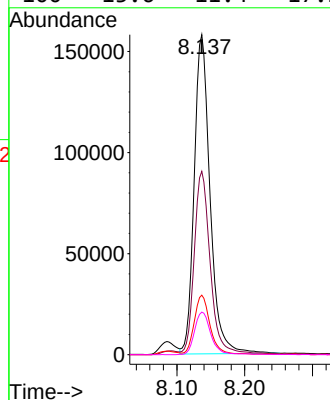
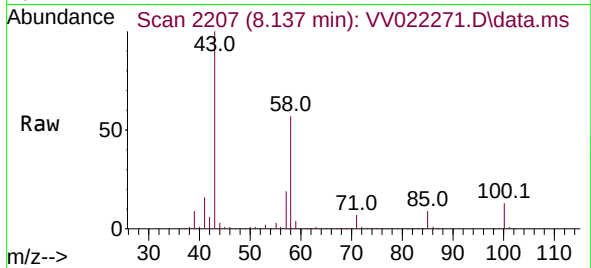


#48
2-Hexanone
Concen: 103.006 ug/L
RT: 8.137 min Scan# 2207
Delta R.T. -0.003 min
Lab File: VV022271.D
Acq: 21 Sep 2021 15:51

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion: 43 Resp: 257081

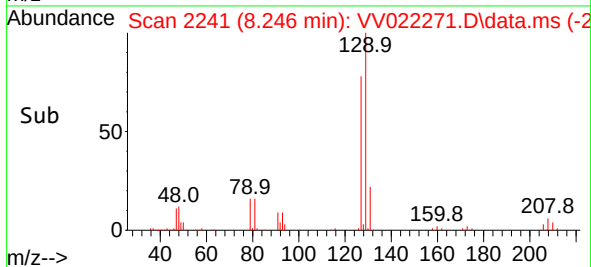
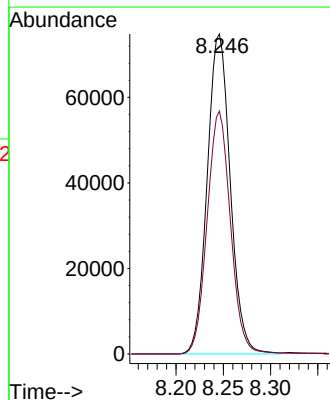
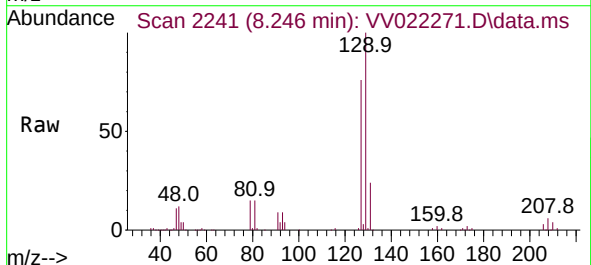
Ion	Ratio	Lower	Upper
43	100		
58	56.5	47.5	71.3
57	17.9	15.9	23.9
100	13.6	11.4	17.2

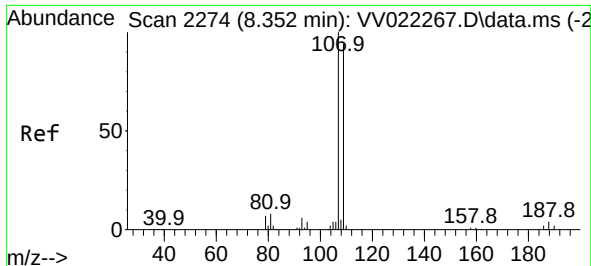


#49
Dibromochloromethane
Concen: 49.220 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. 0.000 min
Lab File: VV022271.D
Acq: 21 Sep 2021 15:51

Tgt Ion: 129 Resp: 127194

Ion	Ratio	Lower	Upper
129	100		
127	75.9	54.1	100.5





#50

1,2-Dibromoethane

Concen: 47.689 ug/L

RT: 8.352 min Scan# 2274

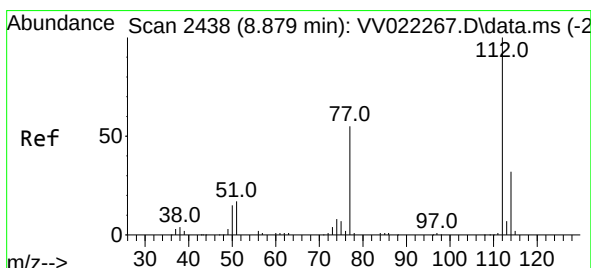
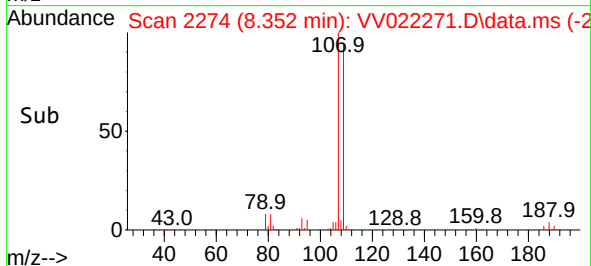
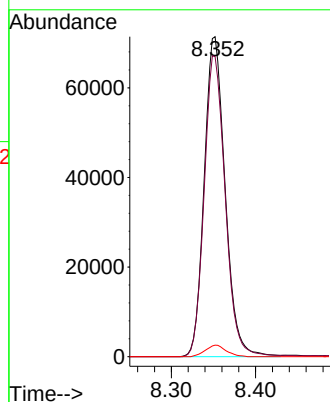
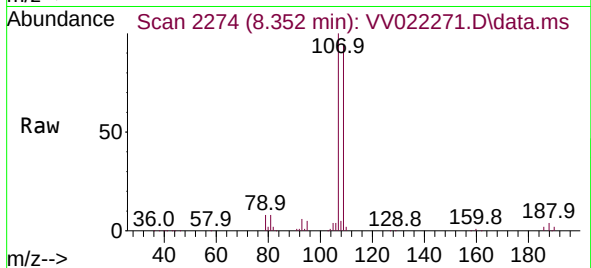
Delta R.T. 0.000 min

Lab File: VV022271.D

Acq: 21 Sep 2021 15:51

Tgt Ion:	107	Resp:	123562
Ion Ratio	Lower	Upper	
107	100		
109	93.8	65.5	121.6
188	3.6	3.2	4.8

Instrument :
MSVOA_V
ClientSampleId :



#51

Chlorobenzene

Concen: 46.604 ug/L

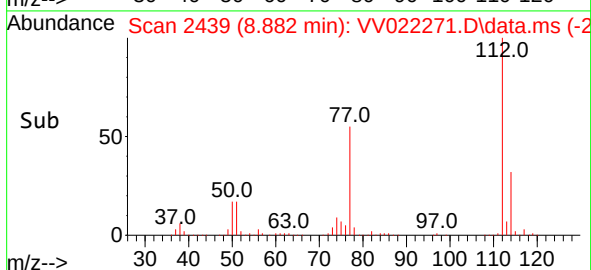
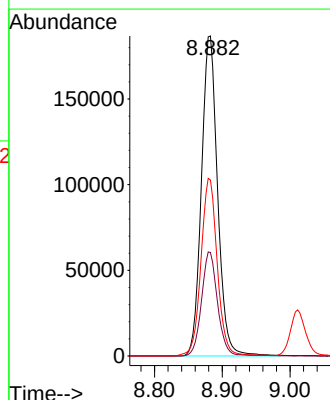
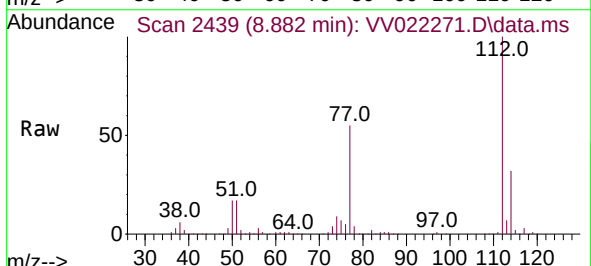
RT: 8.882 min Scan# 2439

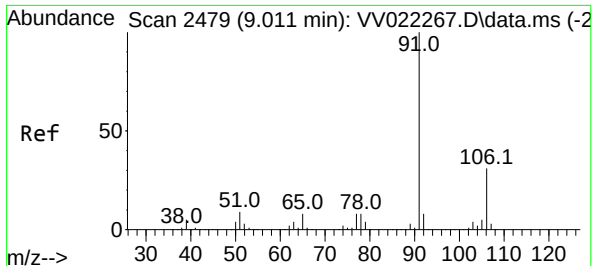
Delta R.T. 0.003 min

Lab File: VV022271.D

Acq: 21 Sep 2021 15:51

Tgt Ion:	112	Resp:	309548
Ion Ratio	Lower	Upper	
112	100		
114	32.4	22.0	41.0
77	55.0	43.2	64.8

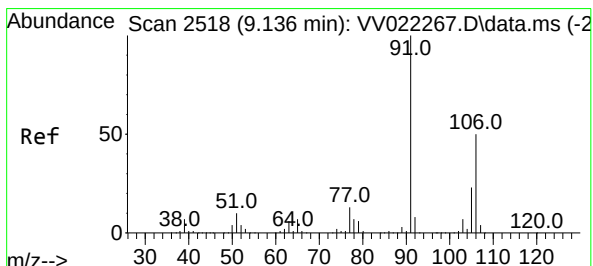
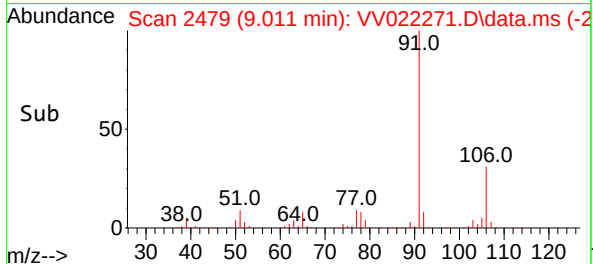
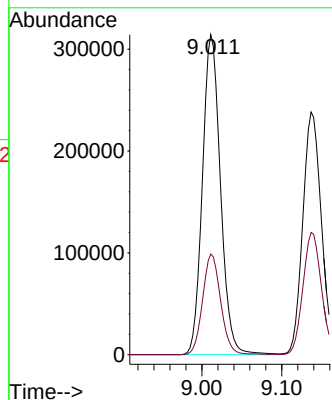
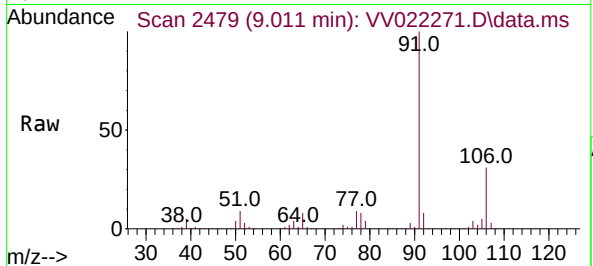




#52
Ethylbenzene
Concen: 46.276 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. 0.000 min
Lab File: VV022271.D
Acq: 21 Sep 2021 15:51

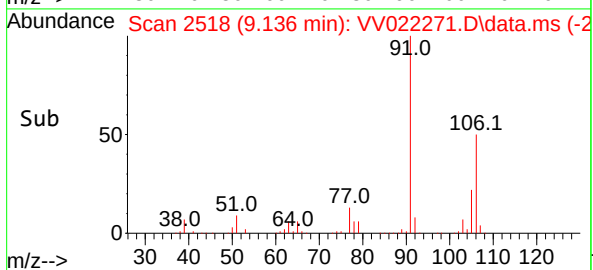
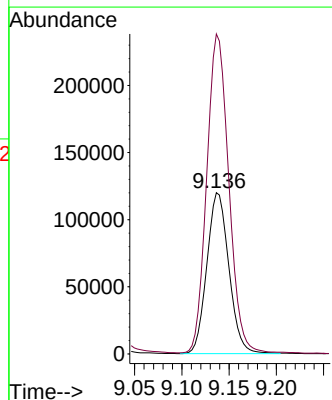
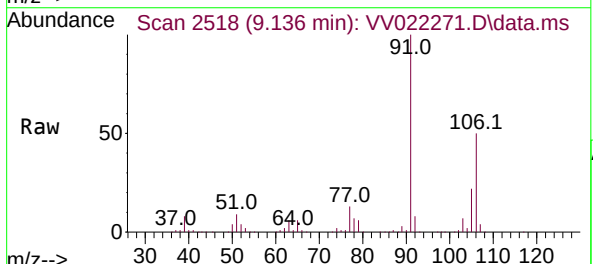
Instrument :
MSVOA_V
ClientSampled :

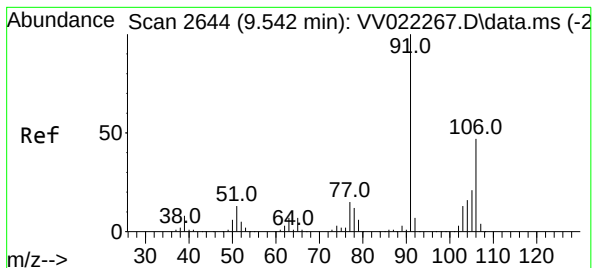
Tgt Ion: 91 Resp: 494886
Ion Ratio Lower Upper
91 100
106 31.5 21.7 40.3



#53
m,p-Xylene
Concen: 46.748 ug/L
RT: 9.136 min Scan# 2518
Delta R.T. 0.000 min
Lab File: VV022271.D
Acq: 21 Sep 2021 15:51

Tgt Ion: 106 Resp: 194315
Ion Ratio Lower Upper
106 100
91 198.5 139.1 258.3





#54

o-Xylene

Concen: 46.878 ug/L

RT: 9.542 min Scan# 2644

Delta R.T. 0.000 min

Lab File: VV022271.D

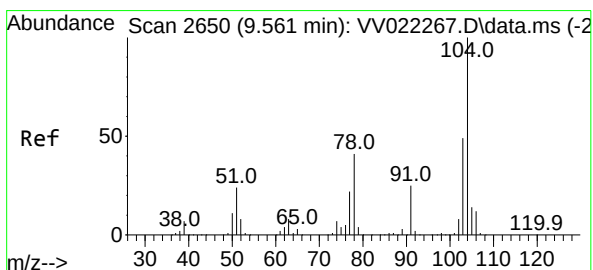
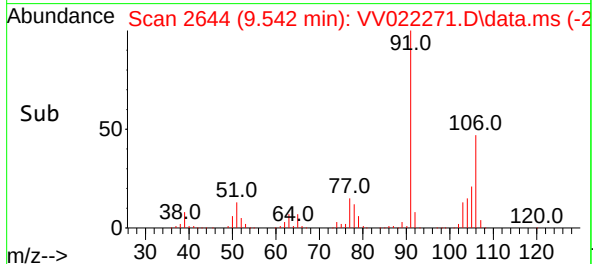
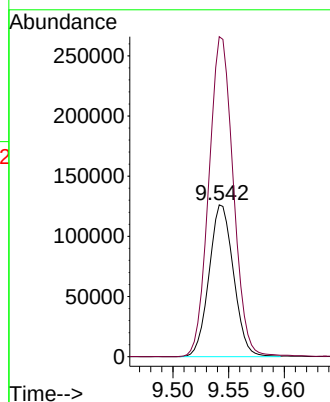
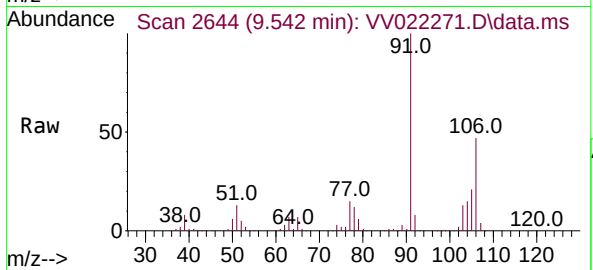
Acq: 21 Sep 2021 15:51

Tgt Ion:106 Resp: 192799

Ion Ratio Lower Upper

106 100

91 210.8 150.1 278.9



#55

Styrene

Concen: 48.642 ug/L

RT: 9.561 min Scan# 2650

Delta R.T. 0.000 min

Lab File: VV022271.D

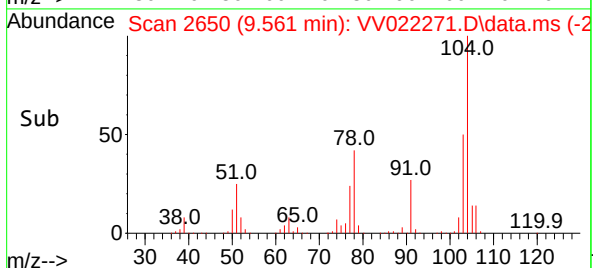
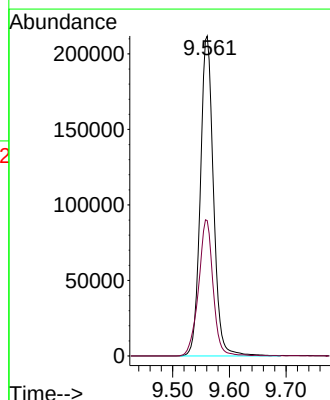
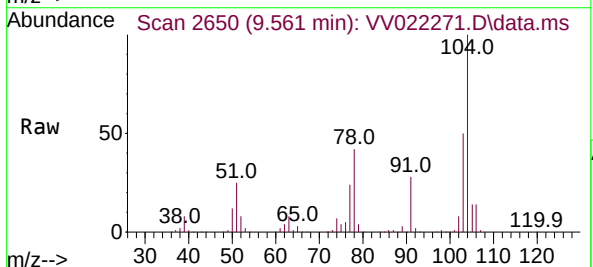
Acq: 21 Sep 2021 15:51

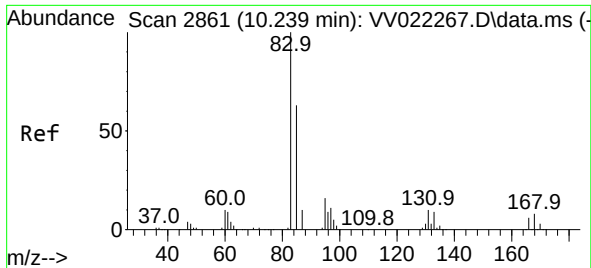
Tgt Ion:104 Resp: 341411

Ion Ratio Lower Upper

104 100

78 42.3 28.6 53.2

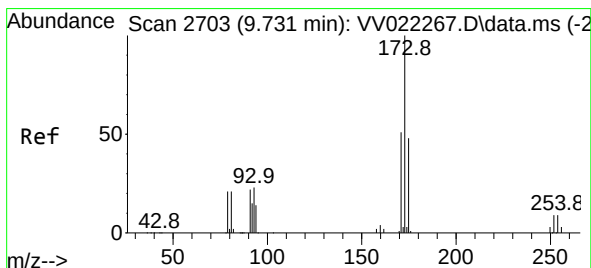
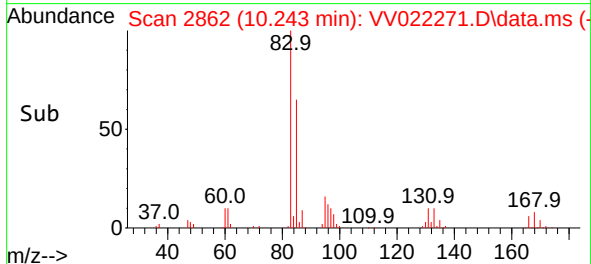
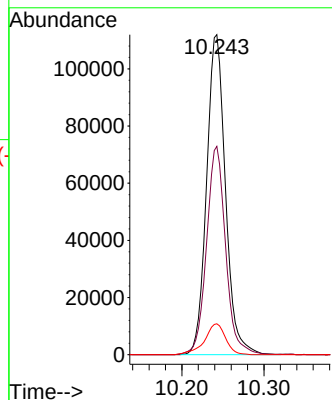
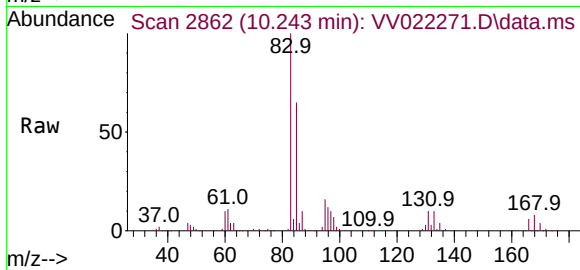




#57
1,1,2,2-Tetrachloroethane
Concen: 51.194 ug/L
RT: 10.243 min Scan# 2862
Delta R.T. 0.003 min
Lab File: VV022271.D
Acq: 21 Sep 2021 15:51

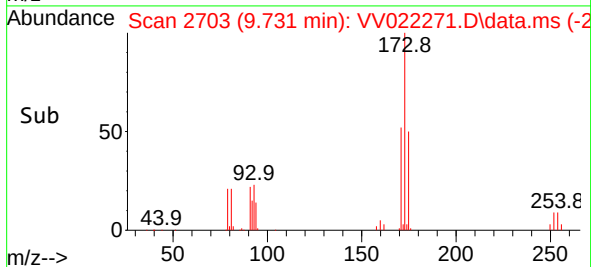
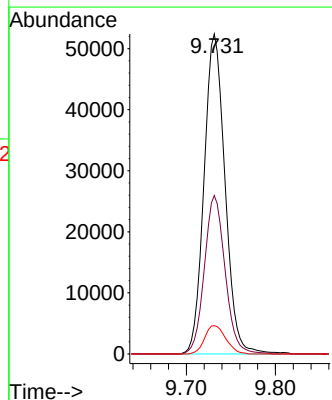
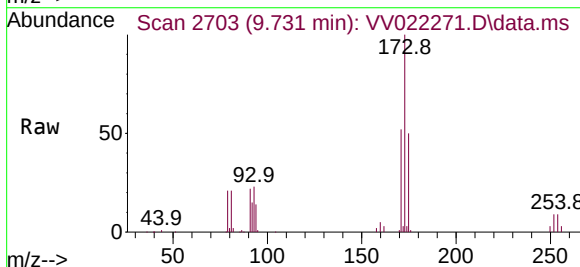
Instrument :
MSVOA_V
ClientSampleId :

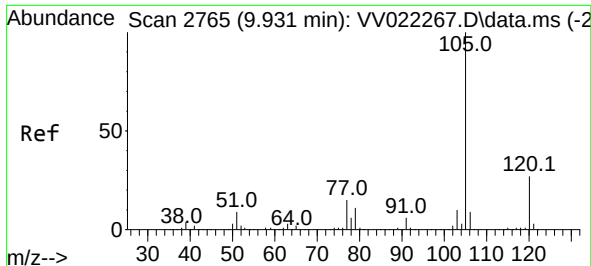
Tgt Ion: 83 Resp: 179071
Ion Ratio Lower Upper
83 100
85 65.1 44.7 83.1
131 9.6 8.2 12.2



#59
Bromoform
Concen: 47.233 ug/L
RT: 9.731 min Scan# 2703
Delta R.T. 0.000 min
Lab File: VV022271.D
Acq: 21 Sep 2021 15:51

Tgt Ion: 173 Resp: 85623
Ion Ratio Lower Upper
173 100
175 48.9 38.8 58.2
254 8.9 7.0 10.4

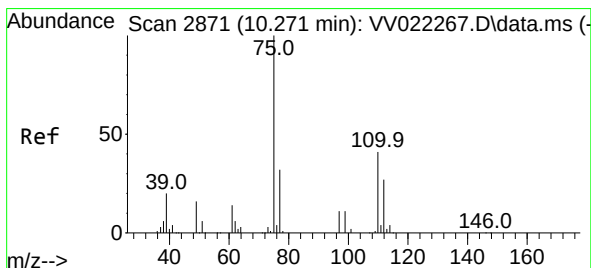
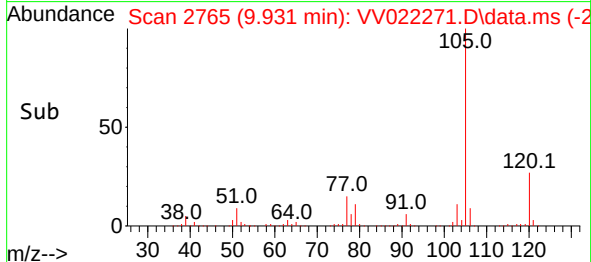
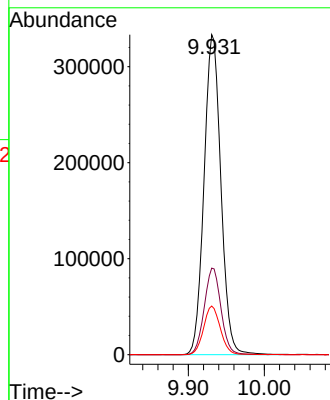
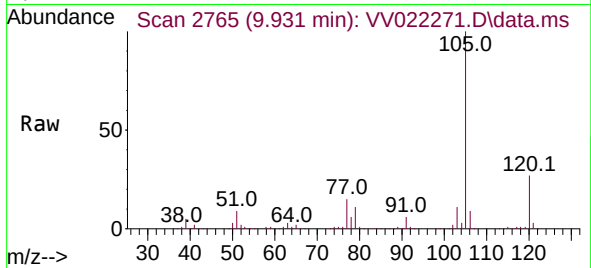




#60
Isopropylbenzene
Concen: 47.869 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. 0.000 min
Lab File: VV022271.D
Acq: 21 Sep 2021 15:51

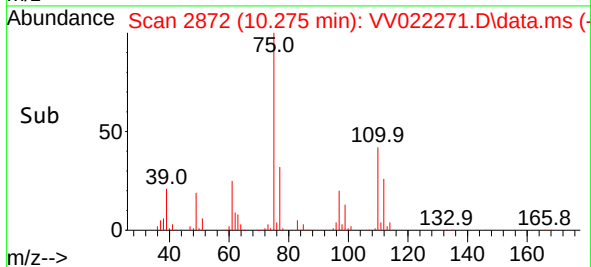
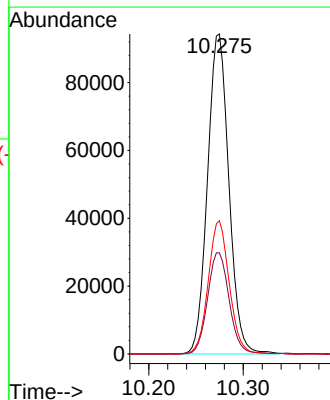
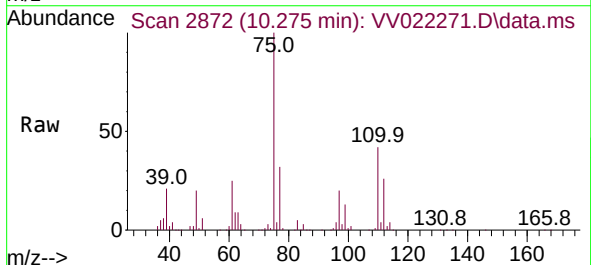
Instrument :
MSVOA_V
ClientSampled :

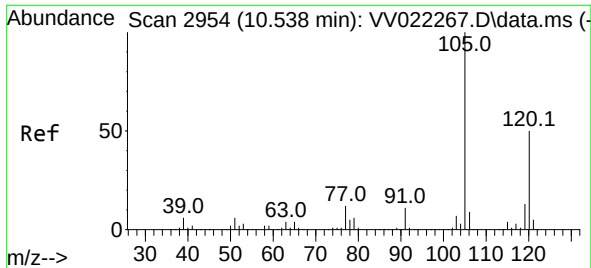
Tgt Ion:105 Resp: 513381
Ion Ratio Lower Upper
105 100
120 26.9 21.5 32.3
77 15.1 11.8 17.6



#61
1,2,3-Trichloropropane
Concen: 50.088 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. 0.003 min
Lab File: VV022271.D
Acq: 21 Sep 2021 15:51

Tgt Ion: 75 Resp: 148164
Ion Ratio Lower Upper
75 100
77 32.0 26.2 39.2
110 40.9 33.8 50.6

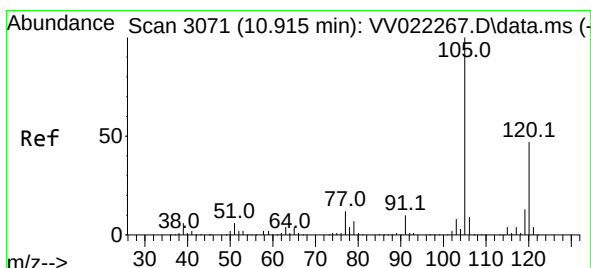
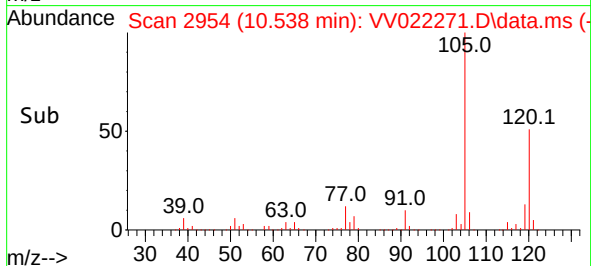
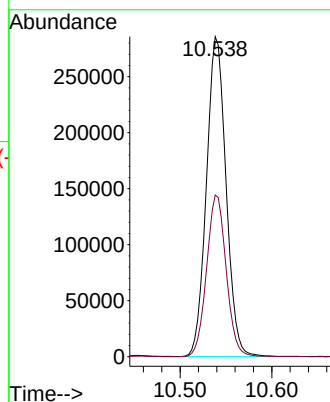
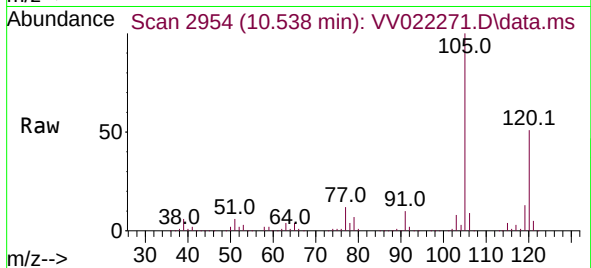




#62
1,3,5-Trimethylbenzene
Concen: 47.165 ug/L
RT: 10.538 min Scan# 2954
Delta R.T. 0.000 min
Lab File: VV022271.D
Acq: 21 Sep 2021 15:51

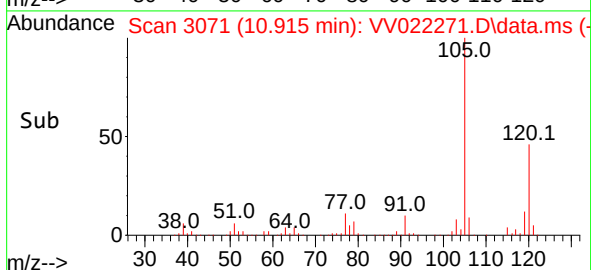
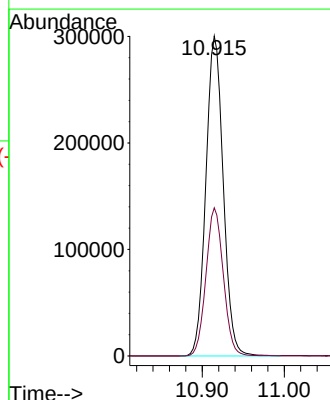
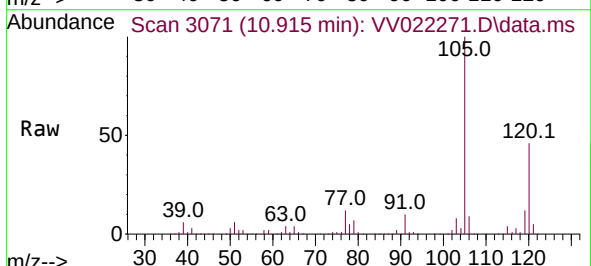
Instrument :
MSVOA_V
ClientSampled :

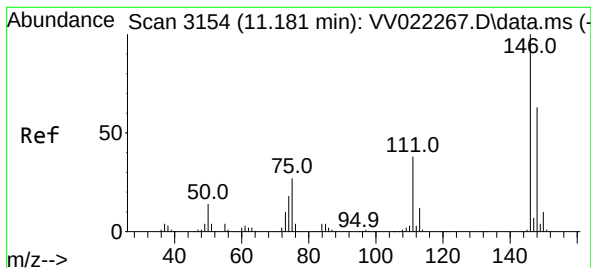
Tgt Ion:105 Resp: 424664
Ion Ratio Lower Upper
105 100
120 50.5 39.6 59.4



#63
1,2,4-Trimethylbenzene
Concen: 48.286 ug/L
RT: 10.915 min Scan# 3071
Delta R.T. 0.000 min
Lab File: VV022271.D
Acq: 21 Sep 2021 15:51

Tgt Ion:105 Resp: 441892
Ion Ratio Lower Upper
105 100
120 46.3 37.4 56.0





#64

1,3-Dichlorobenzene

Concen: 46.076 ug/L

RT: 11.181 min Scan# 3154

Delta R.T. 0.000 min

Lab File: VV022271.D

Acq: 21 Sep 2021 15:51

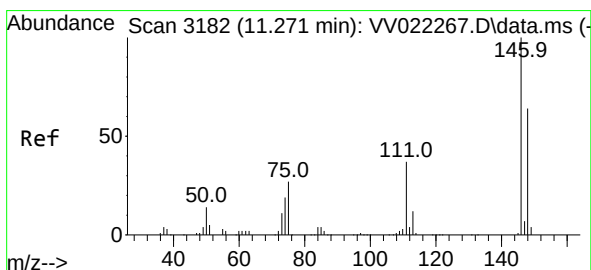
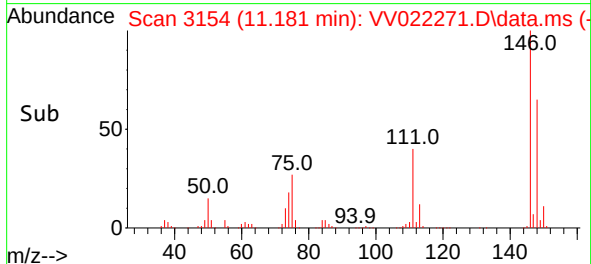
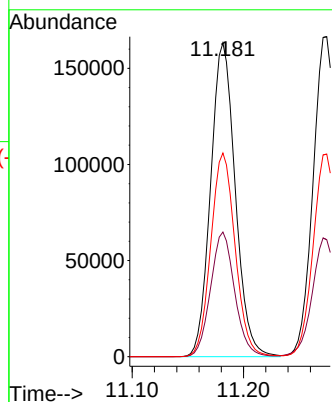
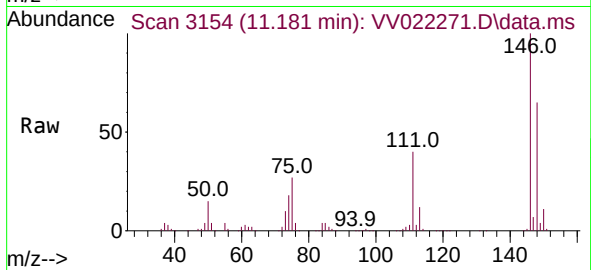
Tgt Ion:146 Resp: 250893

Ion Ratio Lower Upper

146 100

111 39.7 26.9 50.1

148 64.9 45.5 84.5



#65

1,4-Dichlorobenzene

Concen: 46.153 ug/L

RT: 11.275 min Scan# 3183

Delta R.T. 0.003 min

Lab File: VV022271.D

Acq: 21 Sep 2021 15:51

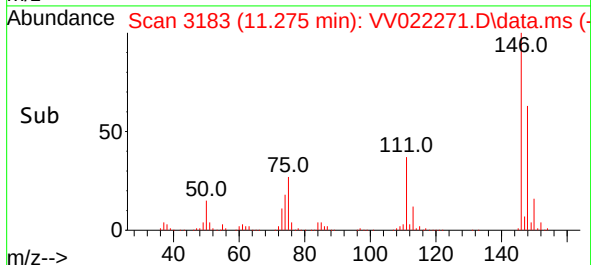
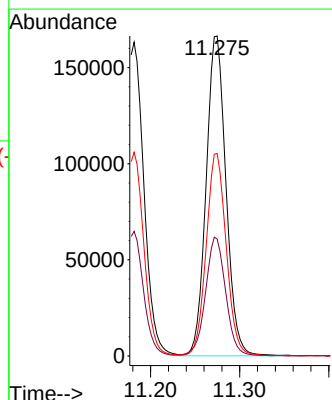
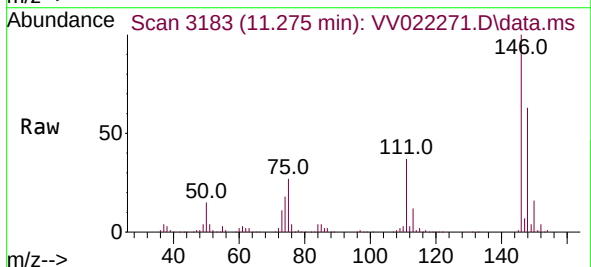
Tgt Ion:146 Resp: 257161

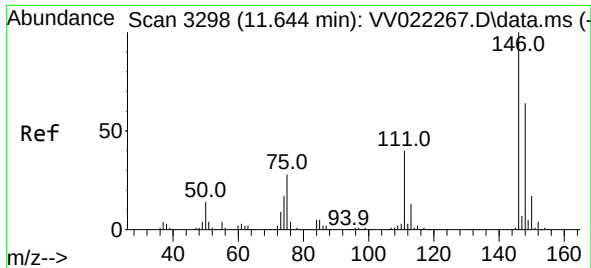
Ion Ratio Lower Upper

146 100

111 36.6 25.3 46.9

148 63.3 44.4 82.5

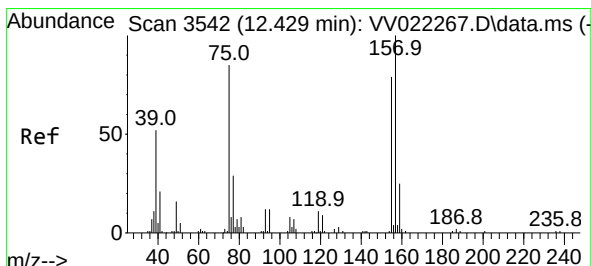
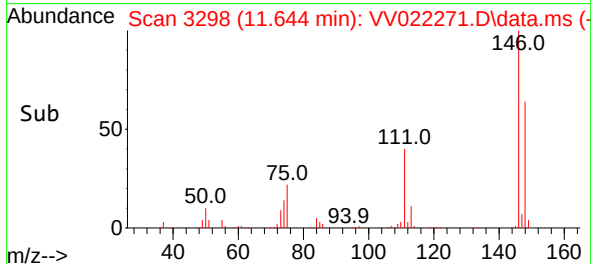
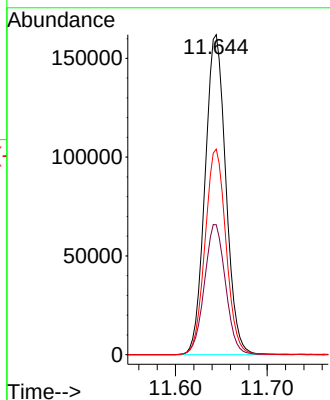
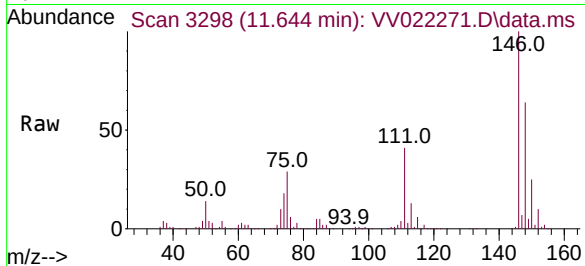




#67
1,2-Dichlorobenzene
Concen: 47.286 ug/L
RT: 11.644 min Scan# 3298
Delta R.T. 0.000 min
Lab File: VV022271.D
Acq: 21 Sep 2021 15:51

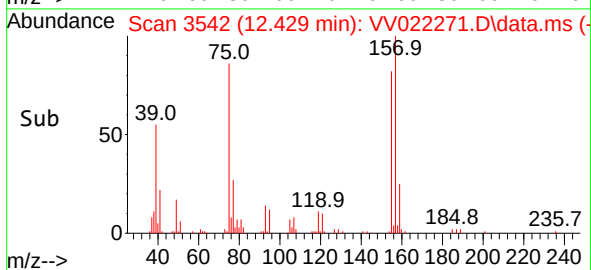
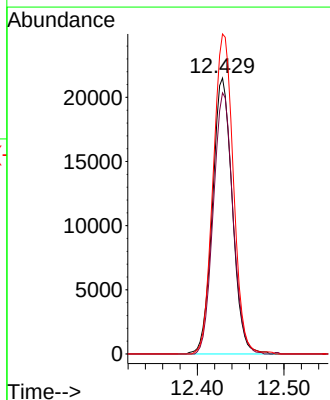
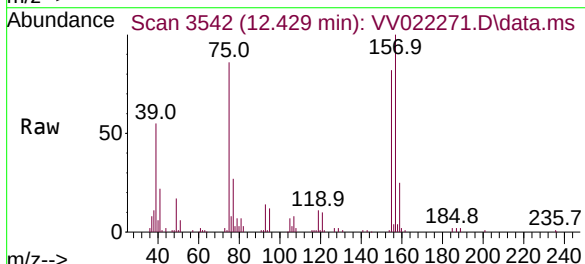
Instrument :
MSVOA_V
ClientSampleId :

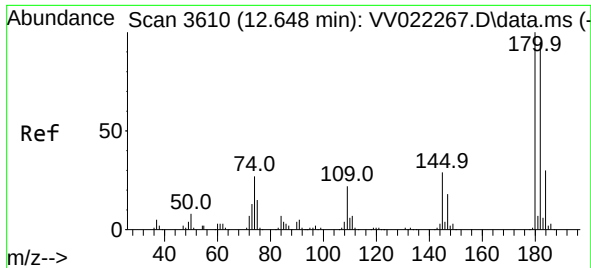
Tgt Ion:146 Resp: 255665
Ion Ratio Lower Upper
146 100
111 40.6 31.6 47.4
148 64.3 50.6 75.8



#68
1,2-Dibromo-3-chloropropane
Concen: 47.935 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. 0.000 min
Lab File: VV022271.D
Acq: 21 Sep 2021 15:51

Tgt Ion: 75 Resp: 34174
Ion Ratio Lower Upper
75 100
155 94.7 79.8 119.6
157 116.0 98.3 147.5

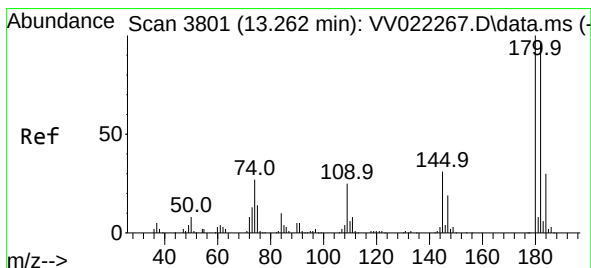
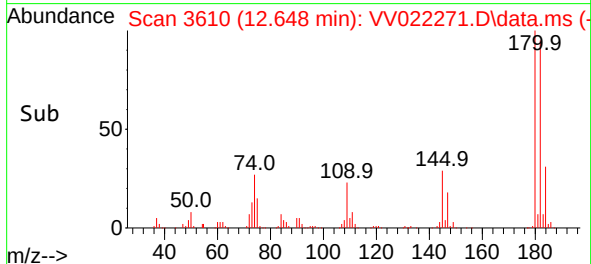
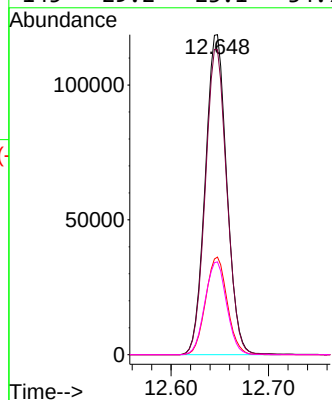
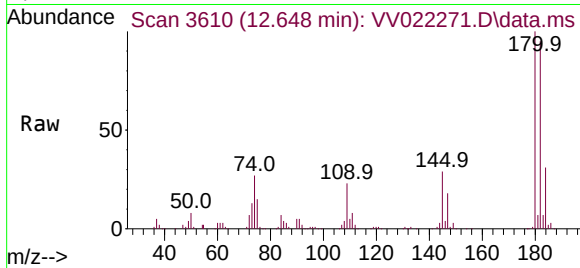




#69
1,3,5-Trichlorobenzene
Concen: 44.724 ug/L
RT: 12.648 min Scan# 3610
Delta R.T. 0.000 min
Lab File: VV022271.D
Acq: 21 Sep 2021 15:51

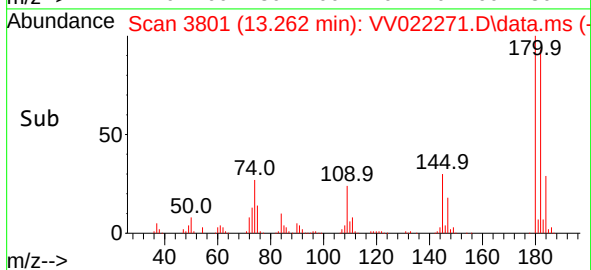
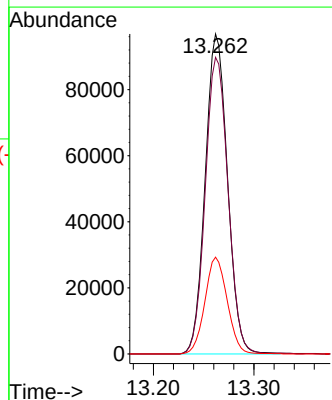
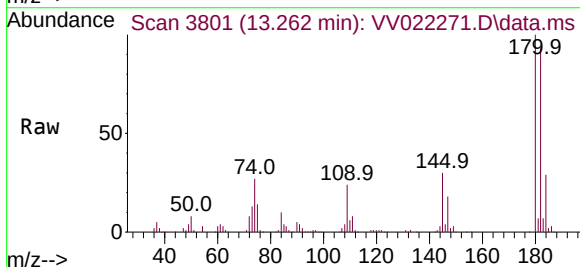
Instrument :
MSVOA_V
ClientSampleId :

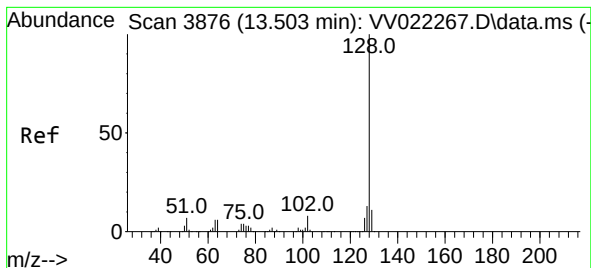
Tgt Ion:	180	Resp:	182099
Ion Ratio	Lower	Upper	
180	100		
182	95.5	76.4	114.6
184	30.6	24.0	36.0
145	29.2	23.1	34.7



#70
1,2,4-trichlorobenzene
Concen: 41.636 ug/L
RT: 13.262 min Scan# 3801
Delta R.T. 0.000 min
Lab File: VV022271.D
Acq: 21 Sep 2021 15:51

Tgt Ion:	180	Resp:	149131
Ion Ratio	Lower	Upper	
180	100		
182	94.7	75.9	113.9
145	30.2	23.8	35.6

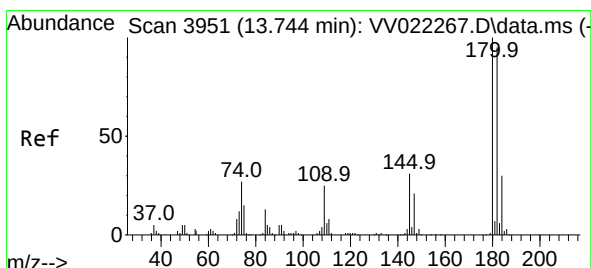
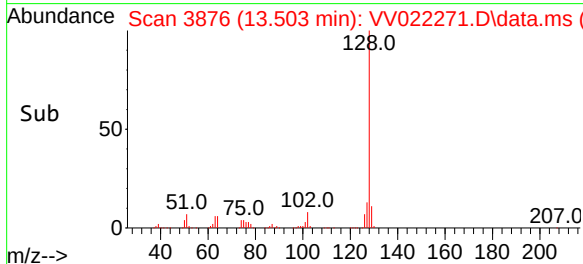
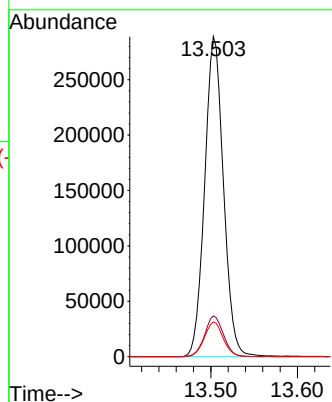
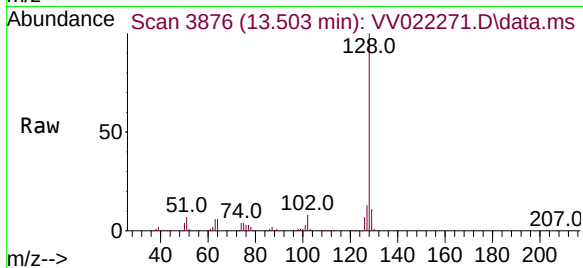




#71
Naphthalene
Concen: 42.292 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. 0.000 min
Lab File: VV022271.D
Acq: 21 Sep 2021 15:51

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion:128 Resp: 435742
Ion Ratio Lower Upper
128 100
127 12.7 10.1 15.1
129 10.9 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 43.532 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. 0.000 min
Lab File: VV022271.D
Acq: 21 Sep 2021 15:51

Tgt Ion:180 Resp: 152081
Ion Ratio Lower Upper
180 100
182 95.6 76.3 114.5
145 31.8 25.4 38.0

