

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071421\
 Data File : VV021659.D
 Acq On : 14 Jul 2021 17:36
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 15 02:00:43 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jul 15 01:57:12 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	457397	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	429949	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	228329	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	127513	44.062	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.120%
7) Chloroethane-d5	1.558	69	104395	44.137	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.280%
11) 1,1-Dichloroethene-d2	2.105	63	230984	43.624	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.240%
21) 2-Butanone-d5	3.873	46	240819	97.435	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.440%
24) Chloroform-d	4.349	84	280807	46.390	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.780%
26) 1,2-Dichloroethane-d4	5.034	65	167146	46.862	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.720%
32) Benzene-d6	5.050	84	563810	46.704	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.400%
36) 1,2-Dichloropropane-d6	6.072	67	179386	47.114	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.220%
41) Toluene-d8	7.317	98	523734	46.911	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.820%
43) trans-1,3-Dichloroprop...	7.622	79	88466	46.708	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.420%
47) 2-Hexanone-d5	8.088	63	177222	100.343	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.340%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	256845	50.068	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.140%
66) 1,2-Dichlorobenzene-d4	11.625	152	217406	47.760	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.520%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	165253	41.772	ug/L	98
3) Chloromethane	1.240	50	169804	44.584	ug/L	100
5) Vinyl chloride	1.307	62	164610	43.657	ug/L	99
6) Bromomethane	1.507	94	98412	44.789	ug/L	98
8) Chloroethane	1.574	64	97558	45.004	ug/L	100
9) Trichlorofluoromethane	1.748	101	222580	46.905	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	123308	45.359	ug/L	99
12) 1,1-Dichloroethene	2.114	96	117489	44.977	ug/L	97
13) Acetone	2.159	43	143446	70.204	ug/L #	100
14) Carbon disulfide	2.291	76	375919	40.818	ug/L	100
15) Methyl Acetate	2.426	43	173725	45.754	ug/L	100
16) Methylene chloride	2.503	84	158486	44.693	ug/L	99
17) trans-1,2-Dichloroethene	2.757	96	143226	44.943	ug/L	100
18) Methyl tert-butyl Ether	2.767	73	476462	46.162	ug/L	99
19) 1,1-Dichloroethane	3.188	63	270440	46.587	ug/L	99
20) cis-1,2-Dichloroethene	3.912	96	166028	46.851	ug/L	98
22) 2-Butanone	3.957	43	237093	84.019	ug/L	96
23) Bromochloromethane	4.249	128	88754	47.450	ug/L	96
25) Chloroform	4.375	83	273643	46.237	ug/L	99

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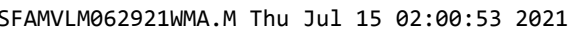
Instrument :
 MSVOA_V
 ClientSampleId :

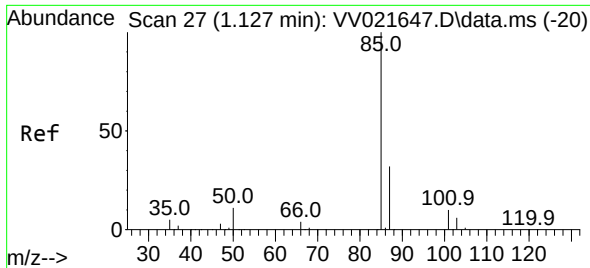
Quant Time: Jul 15 02:00:43 2021
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 Quant Title : VOC Analysis
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	198668	46.153	ug/L	99
29) Cyclohexane	4.677	56	233099	42.936	ug/L	99
30) 1,1,1-Trichloroethane	4.609	97	244311	45.198	ug/L	99
31) Carbon tetrachloride	4.828	117	213010	44.746	ug/L	99
33) Benzene	5.101	78	609126	46.553	ug/L	100
34) Trichloroethene	5.915	95	158796	44.897	ug/L	99
35) Methylcyclohexane	6.133	83	241429	42.995	ug/L	100
37) 1,2-Dichloropropane	6.175	63	156650	46.059	ug/L	99
38) Bromodichloromethane	6.513	83	208605	45.386	ug/L	99
39) cis-1,3-Dichloropropene	7.031	75	253800	45.253	ug/L	100
40) 4-Methyl-2-pentanone	7.227	43	463041	92.747	ug/L	100
42) Toluene	7.391	91	653708	46.643	ug/L	100
44) trans-1,3-Dichloropropene	7.651	75	239085	45.648	ug/L	100
45) 1,1,2-Trichloroethane	7.841	97	158239	47.360	ug/L	99
46) Tetrachloroethene	7.979	164	128498	45.679	ug/L	97
48) 2-Hexanone	8.140	43	345602	87.578	ug/L	99
49) Dibromochloromethane	8.249	129	180079	46.800	ug/L	97
50) 1,2-Dibromoethane	8.355	107	169722	46.330	ug/L	98
51) Chlorobenzene	8.883	112	427827	46.908	ug/L	99
52) Ethylbenzene	9.014	91	702420	46.133	ug/L	100
53) m,p-Xylene	9.140	106	270960	46.372	ug/L	100
54) o-Xylene	9.545	106	274352	47.063	ug/L	98
55) Styrene	9.561	104	460015	46.700	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.243	83	255990	49.150	ug/L	99
59) Bromoform	9.735	173	135220	46.076	ug/L	99
60) Isopropylbenzene	9.934	105	711534	45.688	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	203829	46.179	ug/L	100
62) 1,3,5-Trimethylbenzene	10.542	105	603253	45.450	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	607984	45.264	ug/L	99
64) 1,3-Dichlorobenzene	11.181	146	338760	46.258	ug/L	98
65) 1,4-Dichlorobenzene	11.275	146	337187	46.065	ug/L	99
67) 1,2-Dichlorobenzene	11.644	146	343476	46.801	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.429	75	56229	42.972	ug/L	95
69) 1,3,5-Trichlorobenzene	12.648	180	246818	45.099	ug/L	98
70) 1,2,4-trichlorobenzene	13.262	180	212267	45.099	ug/L	99
71) Naphthalene	13.503	128	655977	45.763	ug/L	100
72) 1,2,3-Trichlorobenzene	13.744	180	217753	46.842	ug/L	99

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

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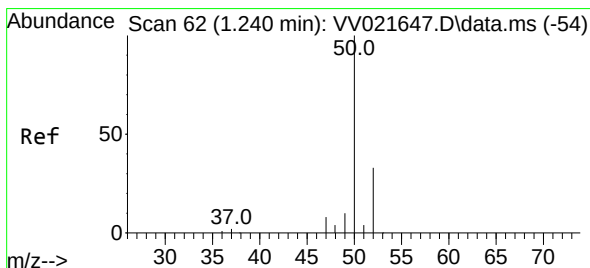
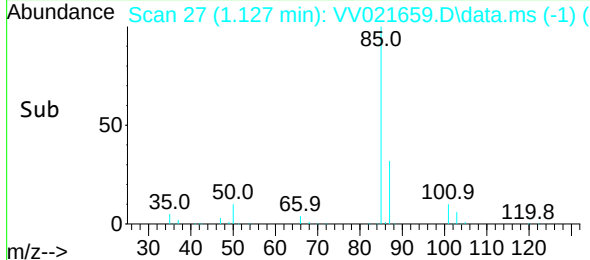
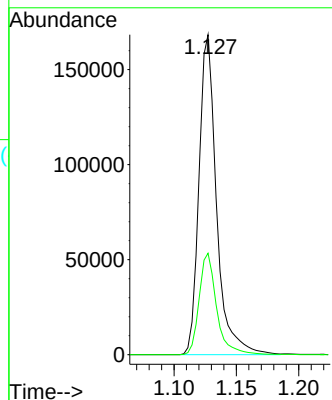
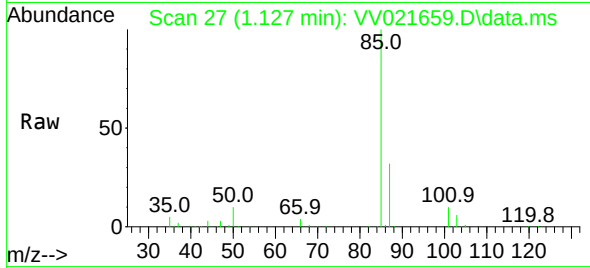




#2
Dichlorodifluoromethane
Concen: 41.772 ug/L
RT: 1.127 min Scan# 27
Delta R.T. -0.000 min
Lab File: VV021659.D
Acq: 14 Jul 2021 17:36

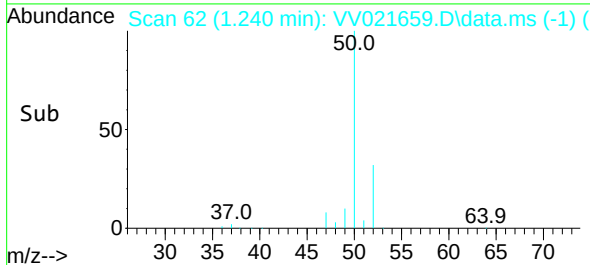
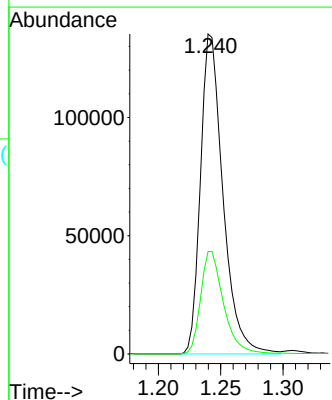
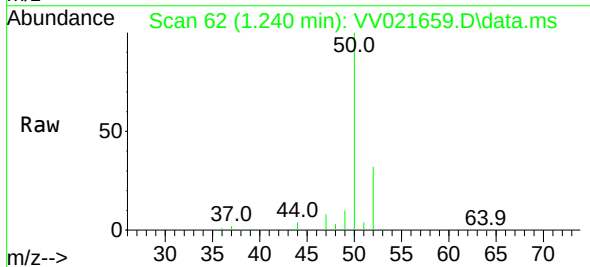
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MSVOA_V
ClientSampled :

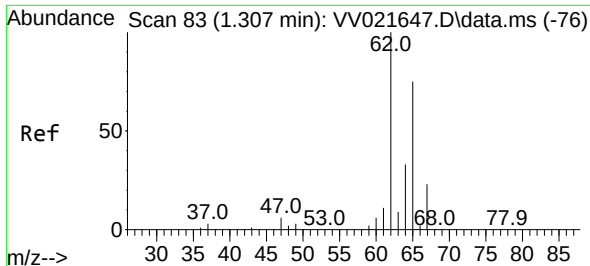
Tgt Ion: 85 Resp: 165253
Ion Ratio Lower Upper
85 100
87 31.6 26.1 39.1



#3
Chloromethane
Concen: 44.584 ug/L
RT: 1.240 min Scan# 62
Delta R.T. -0.000 min
Lab File: VV021659.D
Acq: 14 Jul 2021 17:36

Tgt Ion: 50 Resp: 169804
Ion Ratio Lower Upper
50 100
52 32.0 22.3 41.5

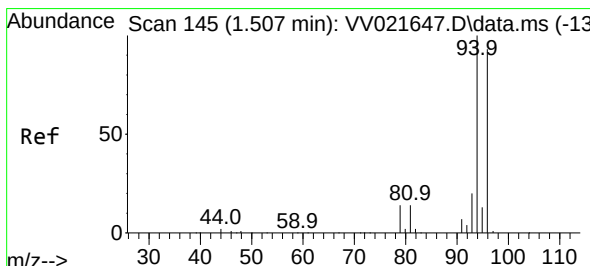
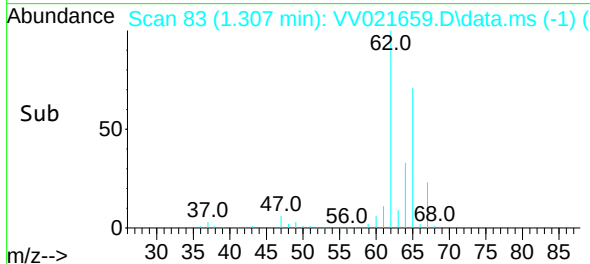
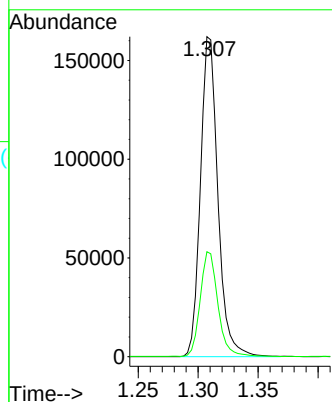
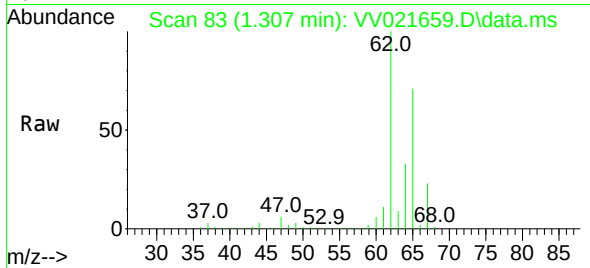




#5
 Vinyl chloride
 Concen: 43.657 ug/L
 RT: 1.307 min Scan# 83
 Delta R.T. -0.000 min
 Lab File: VV021659.D
 Acq: 14 Jul 2021 17:36

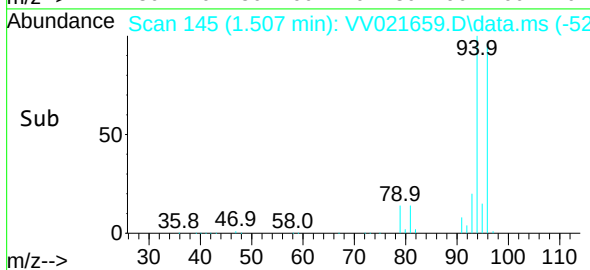
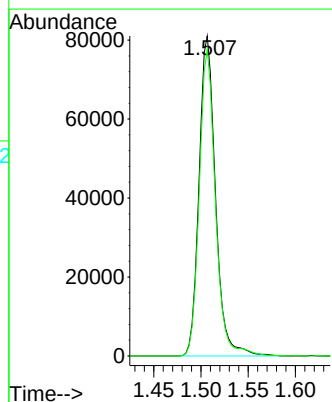
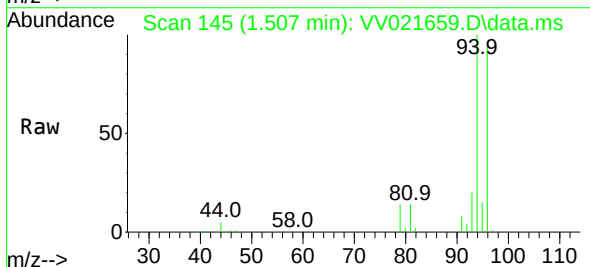
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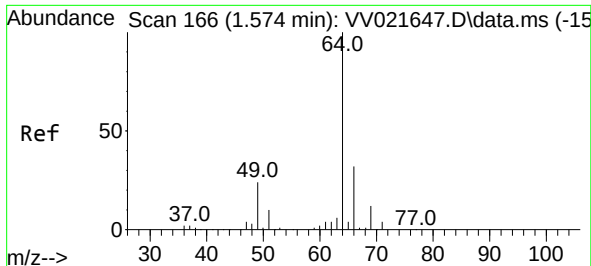
Tgt Ion: 62 Resp: 164610
 Ion Ratio Lower Upper
 62 100
 64 32.8 23.3 43.3



#6
 Bromomethane
 Concen: 44.789 ug/L
 RT: 1.507 min Scan# 145
 Delta R.T. -0.000 min
 Lab File: VV021659.D
 Acq: 14 Jul 2021 17:36

Tgt Ion: 94 Resp: 98412
 Ion Ratio Lower Upper
 94 100
 96 95.7 65.5 121.7

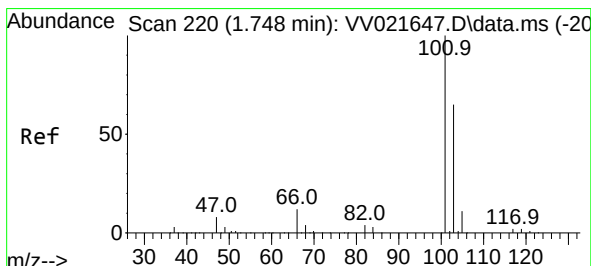
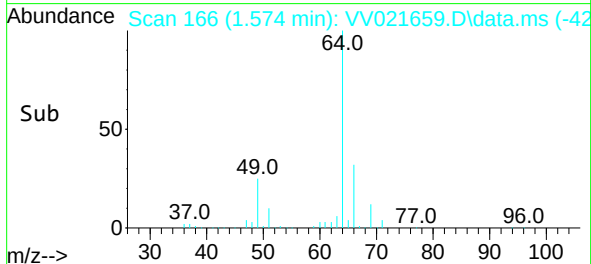
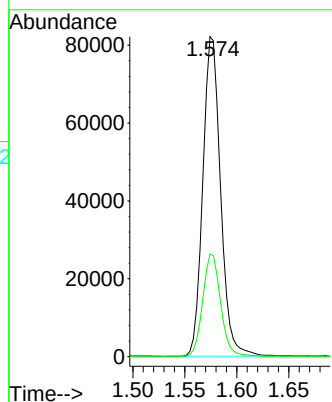
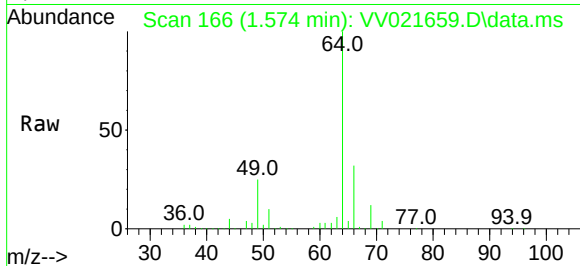




#8
Chloroethane
Concen: 45.004 ug/L
RT: 1.574 min Scan# 166
Delta R.T. -0.000 min
Lab File: VV021659.D
Acq: 14 Jul 2021 17:36

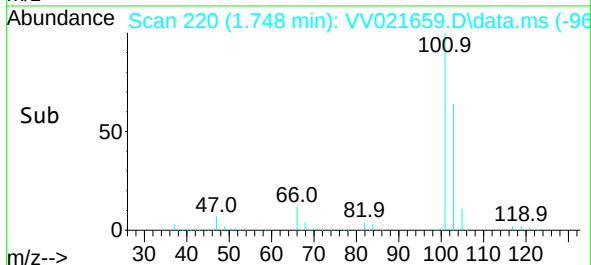
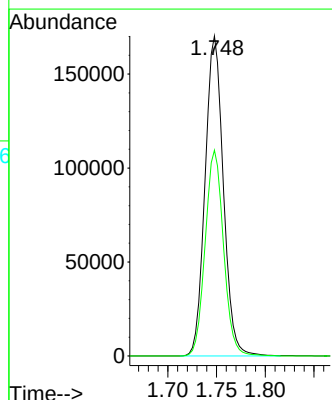
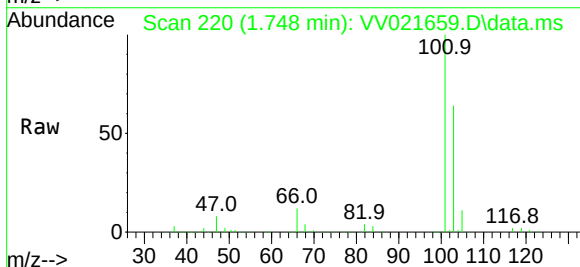
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ClientSampled :

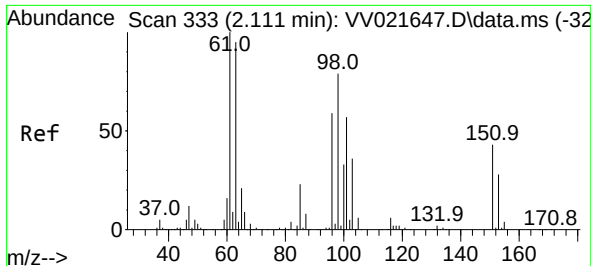
Tgt Ion: 64 Resp: 97558
Ion Ratio Lower Upper
64 100
66 32.0 22.3 41.3



#9
Trichlorofluoromethane
Concen: 46.905 ug/L
RT: 1.748 min Scan# 220
Delta R.T. -0.000 min
Lab File: VV021659.D
Acq: 14 Jul 2021 17:36

Tgt Ion:101 Resp: 222580
Ion Ratio Lower Upper
101 100
103 64.4 52.4 78.6

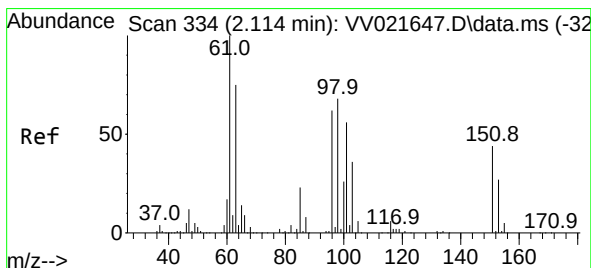
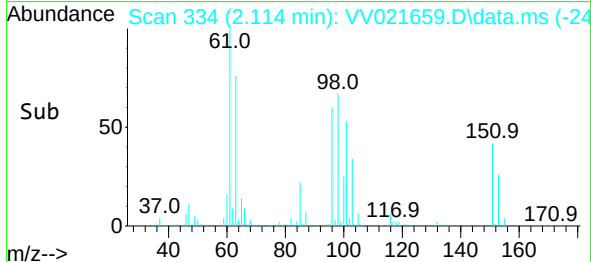
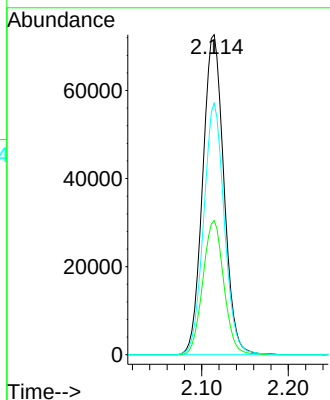
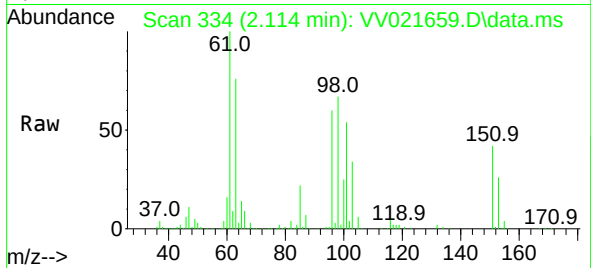




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 45.359 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. 0.003 min
 Lab File: VV021659.D
 Acq: 14 Jul 2021 17:36

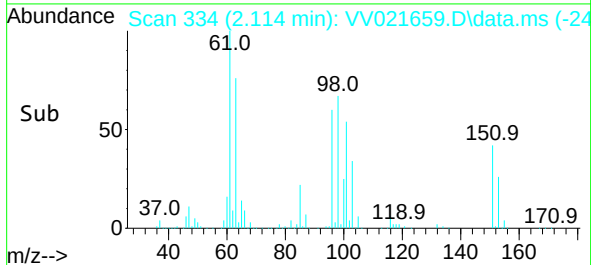
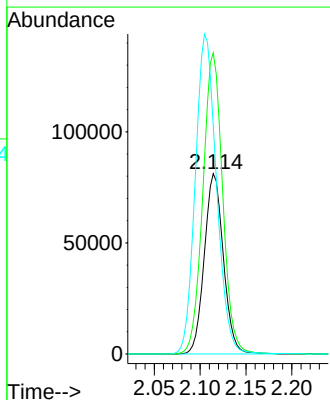
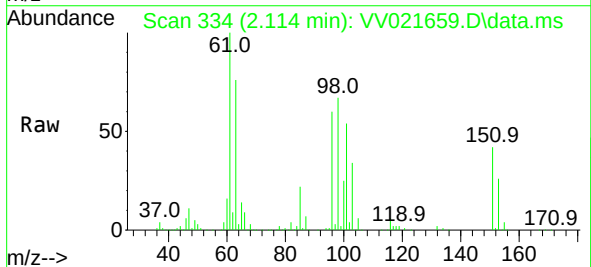
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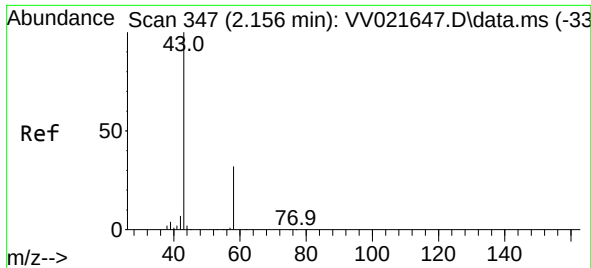
Tgt Ion:101 Resp: 123308
 Ion Ratio Lower Upper
 101 100
 85 41.5 33.3 49.9
 151 77.0 62.8 94.2



#12
 1,1-Dichloroethene
 Concen: 44.977 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. -0.000 min
 Lab File: VV021659.D
 Acq: 14 Jul 2021 17:36

Tgt Ion: 96 Resp: 117489
 Ion Ratio Lower Upper
 96 100
 61 166.9 112.9 209.7
 63 126.7 90.8 168.6

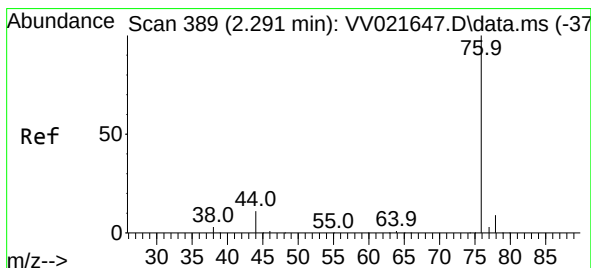
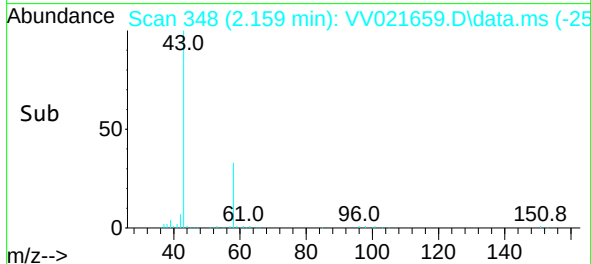
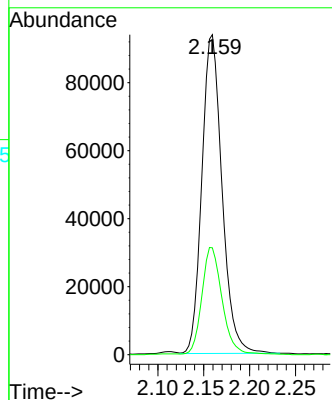
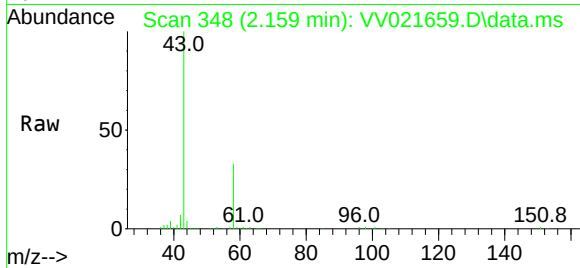




#13
Acetone
Concen: 70.204 ug/L
RT: 2.159 min Scan# 348
Delta R.T. 0.003 min
Lab File: VV021659.D
Acq: 14 Jul 2021 17:36

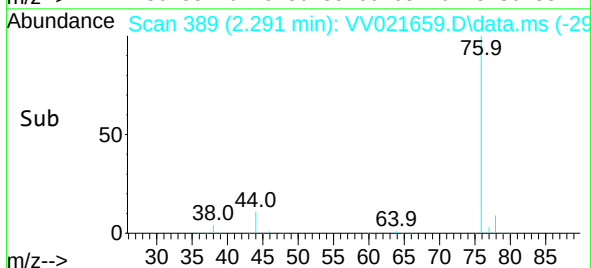
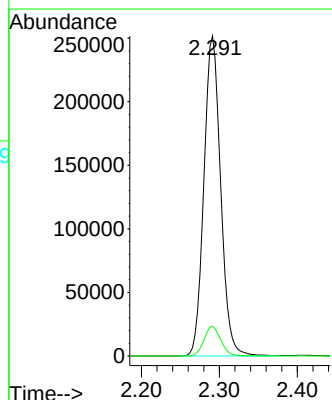
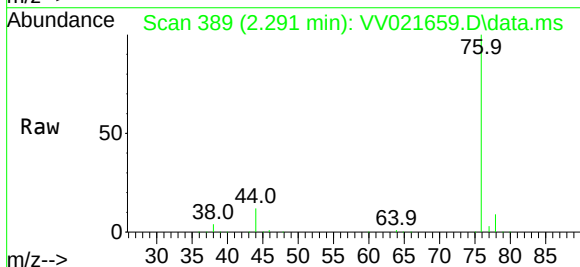
Instrument :
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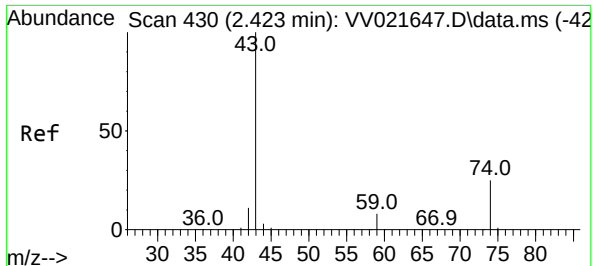
Tgt Ion: 43 Resp: 143446
Ion Ratio Lower Upper
43 100
58 34.0 0.0 0.0#



#14
Carbon disulfide
Concen: 40.818 ug/L
RT: 2.291 min Scan# 389
Delta R.T. -0.000 min
Lab File: VV021659.D
Acq: 14 Jul 2021 17:36

Tgt Ion: 76 Resp: 375919
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0

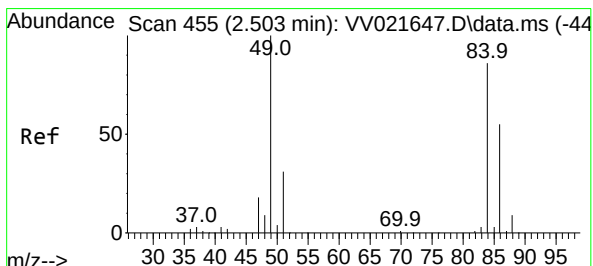
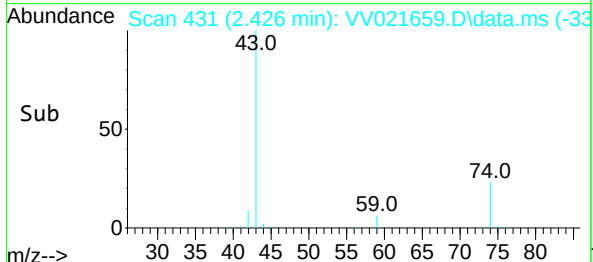
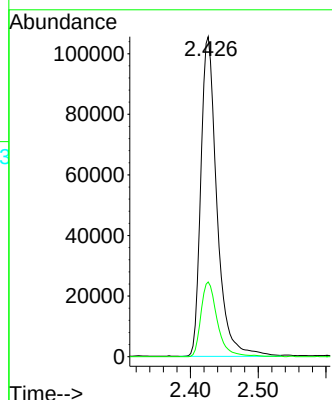
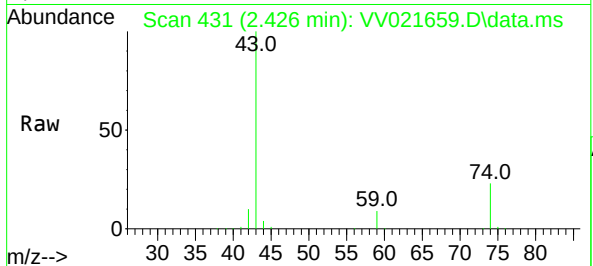




#15
Methyl Acetate
Concen: 45.754 ug/L
RT: 2.426 min Scan# 431
Delta R.T. 0.003 min
Lab File: VV021659.D
Acq: 14 Jul 2021 17:36

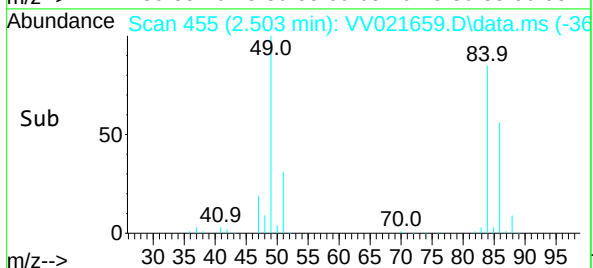
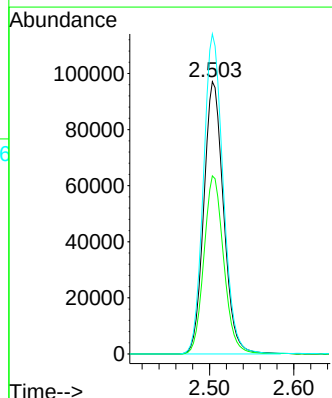
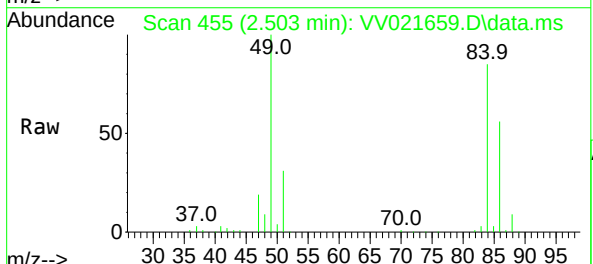
Instrument :
MSVOA_V
ClientSampled :

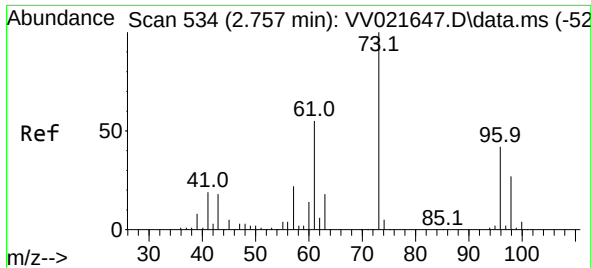
Tgt Ion: 43 Resp: 173725
Ion Ratio Lower Upper
43 100
74 23.6 19.0 28.6



#16
Methylene chloride
Concen: 44.693 ug/L
RT: 2.503 min Scan# 455
Delta R.T. -0.000 min
Lab File: VV021659.D
Acq: 14 Jul 2021 17:36

Tgt Ion: 84 Resp: 158486
Ion Ratio Lower Upper
84 100
86 65.4 45.1 83.9
49 117.5 82.5 153.3

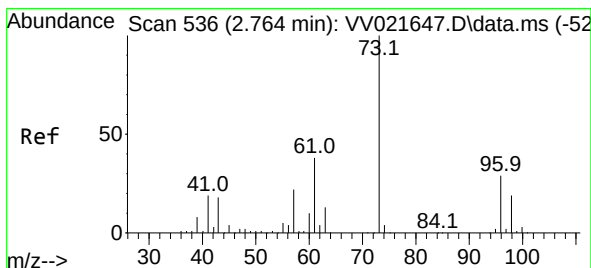
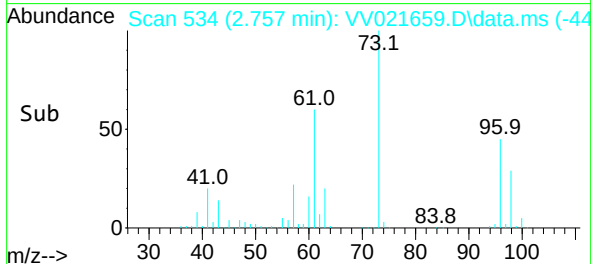
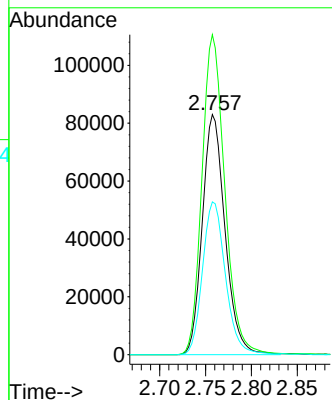
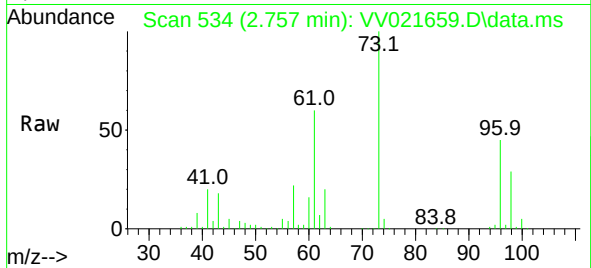




#17
trans-1,2-Dichloroethene
Concen: 44.943 ug/L
RT: 2.757 min Scan# 534
Delta R.T. -0.000 min
Lab File: VV021659.D
Acq: 14 Jul 2021 17:36

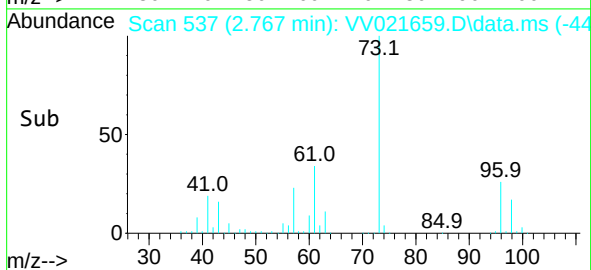
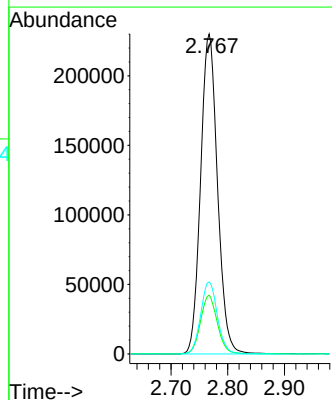
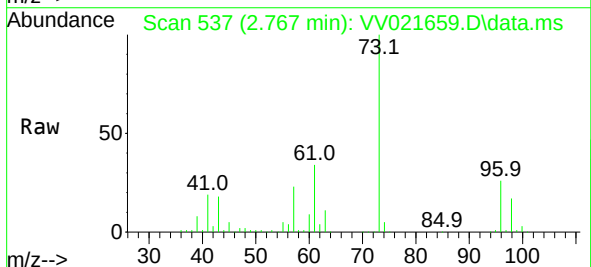
Instrument :
MSVOA_V
ClientSampleId :

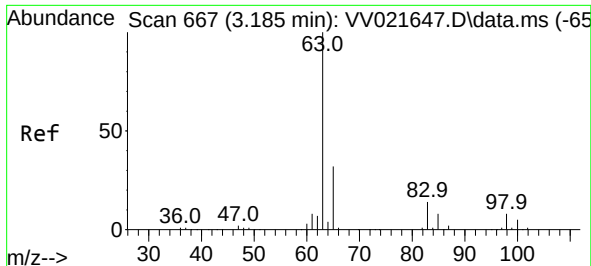
Tgt Ion: 96 Resp: 143226
Ion Ratio Lower Upper
96 100
61 133.3 93.0 172.6
98 63.6 44.2 82.0



#18
Methyl tert-butyl Ether
Concen: 46.162 ug/L
RT: 2.767 min Scan# 537
Delta R.T. 0.003 min
Lab File: VV021659.D
Acq: 14 Jul 2021 17:36

Tgt Ion: 73 Resp: 476462
Ion Ratio Lower Upper
73 100
43 18.1 14.6 22.0
57 22.3 17.4 26.2





#19

1,1-Dichloroethane

Concen: 46.587 ug/L

RT: 3.188 min Scan# 668

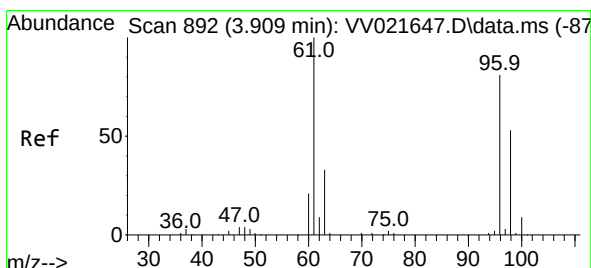
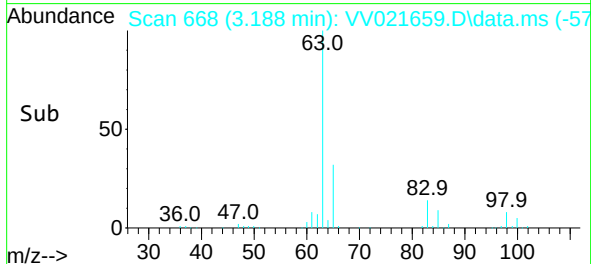
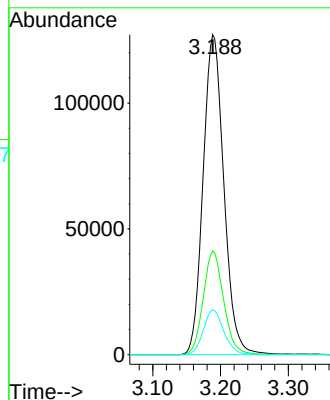
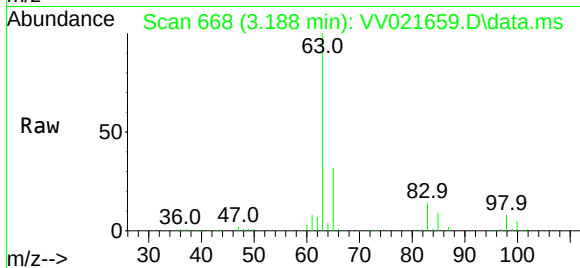
Delta R.T. 0.003 min

Lab File: VV021659.D

Acq: 14 Jul 2021 17:36

Tgt Ion: 63 Resp: 270440

Ion	Ratio	Lower	Upper
63	100		
65	32.4	22.4	41.6
83	14.0	9.4	17.6



#20

cis-1,2-Dichloroethene

Concen: 46.851 ug/L

RT: 3.912 min Scan# 893

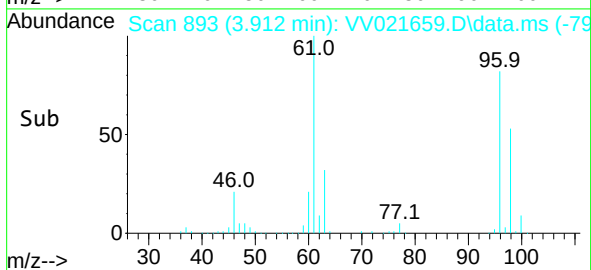
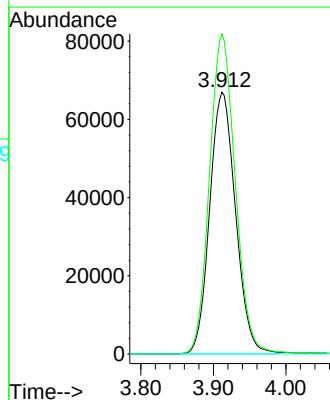
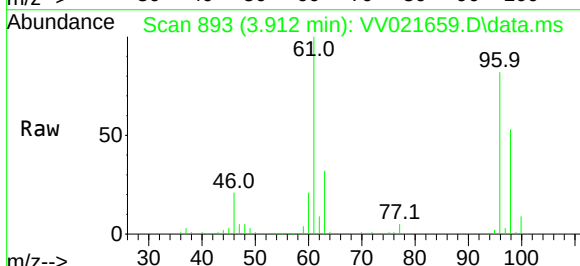
Delta R.T. 0.003 min

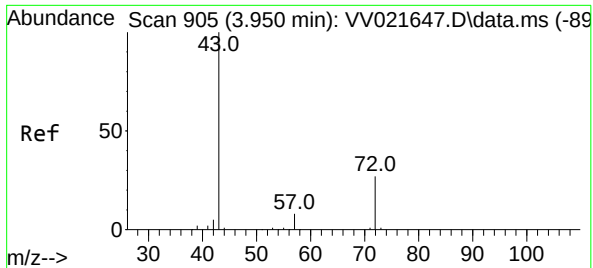
Lab File: VV021659.D

Acq: 14 Jul 2021 17:36

Tgt Ion: 96 Resp: 166028

Ion	Ratio	Lower	Upper
96	100		
61	122.2	86.9	161.3
68	0.0	0.0	0.0

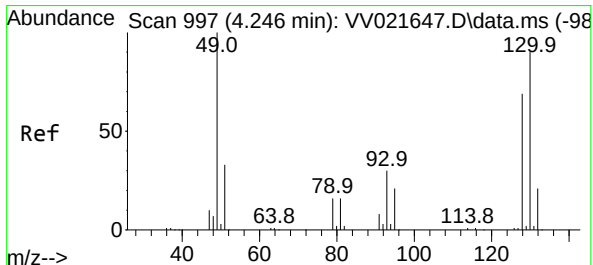
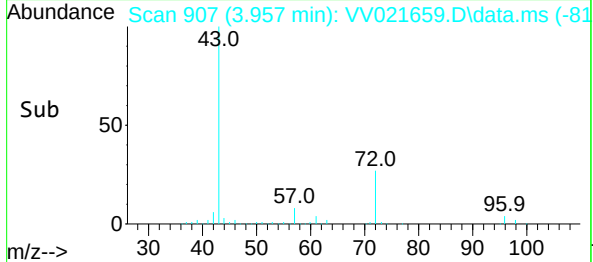
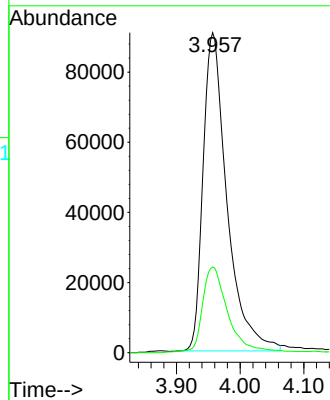
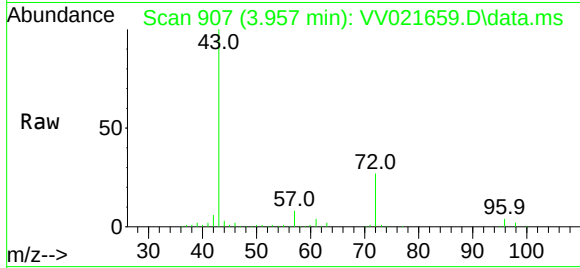




#22
2-Butanone
Concen: 84.019 ug/L
RT: 3.957 min Scan# 907
Delta R.T. 0.006 min
Lab File: VV021659.D
Acq: 14 Jul 2021 17:36

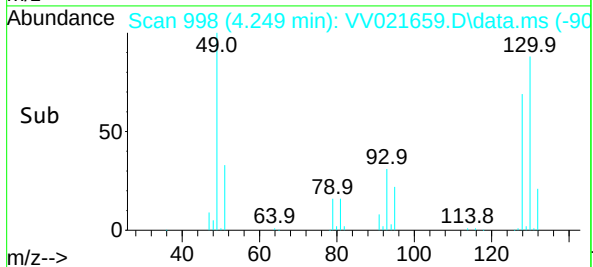
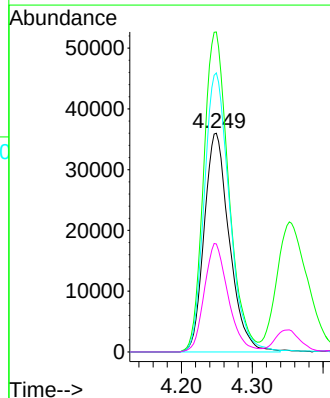
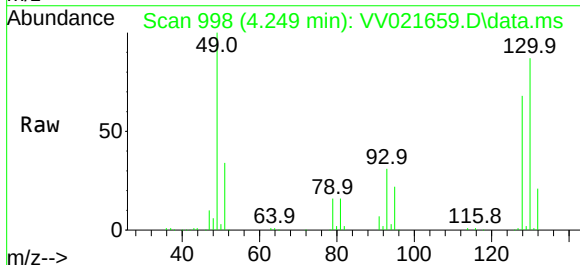
Instrument :
MSVOA_V
ClientSampled :

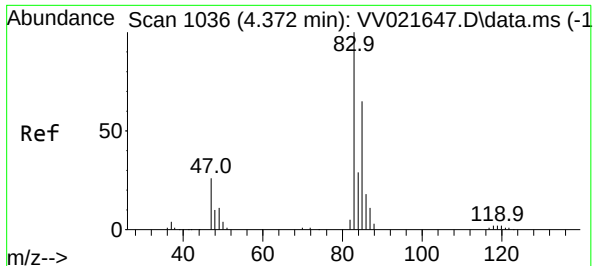
Tgt Ion: 43 Resp: 237093
Ion Ratio Lower Upper
43 100
72 28.7 13.3 39.8



#23
Bromochloromethane
Concen: 47.450 ug/L
RT: 4.249 min Scan# 998
Delta R.T. 0.003 min
Lab File: VV021659.D
Acq: 14 Jul 2021 17:36

Tgt Ion:128 Resp: 88754
Ion Ratio Lower Upper
128 100
49 146.3 107.5 199.7
130 127.5 92.2 171.2
51 49.4 39.2 58.8





#25

Chloroform

Concen: 46.237 ug/L

RT: 4.375 min Scan# 1037

Delta R.T. 0.003 min

Lab File: VV021659.D

Acq: 14 Jul 2021 17:36

Tgt Ion: 83 Resp: 273643

Ion Ratio Lower Upper

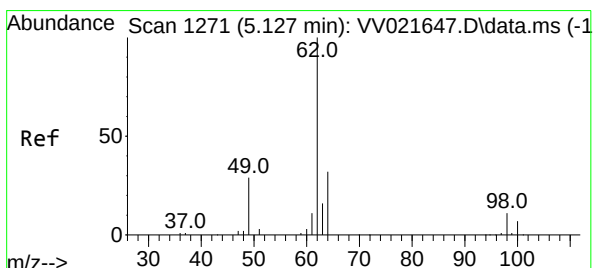
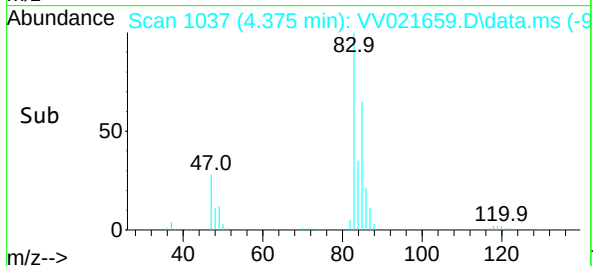
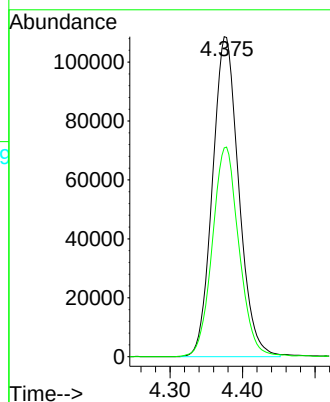
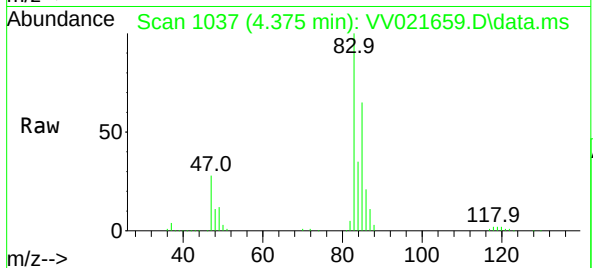
83 100

85 65.3 45.1 83.7

Instrument :

MSVOA_V

ClientSampled :



#27

1,2-Dichloroethane

Concen: 46.153 ug/L

RT: 5.130 min Scan# 1272

Delta R.T. 0.003 min

Lab File: VV021659.D

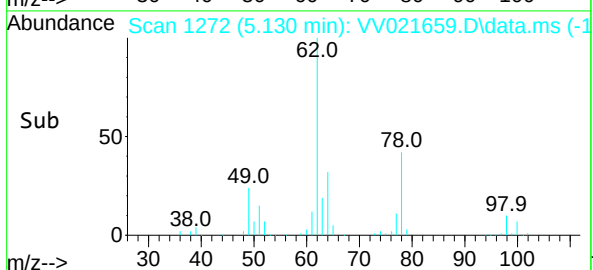
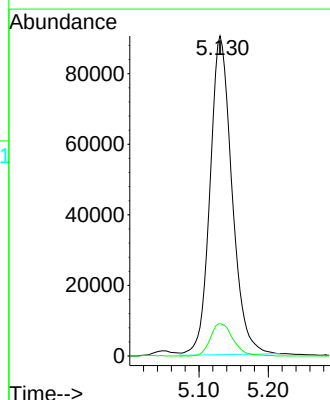
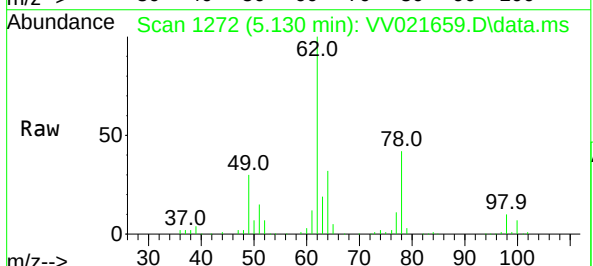
Acq: 14 Jul 2021 17:36

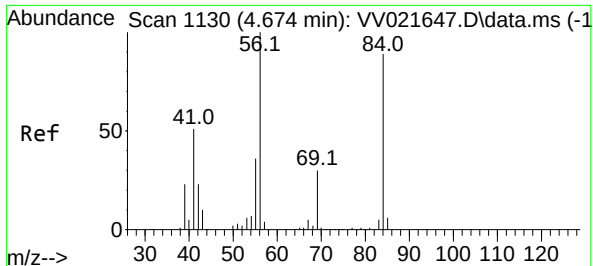
Tgt Ion: 62 Resp: 198668

Ion Ratio Lower Upper

62 100

98 10.1 8.2 12.4





#29

Cyclohexane

Concen: 42.936 ug/L

RT: 4.677 min Scan# 1131

Delta R.T. 0.003 min

Lab File: VV021659.D

Acq: 14 Jul 2021 17:36

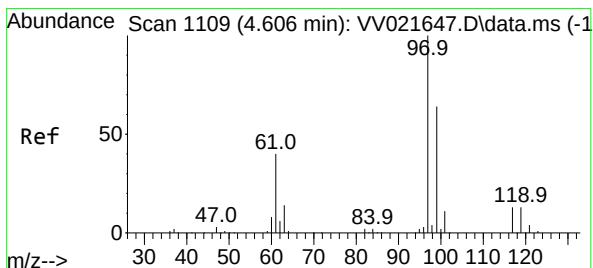
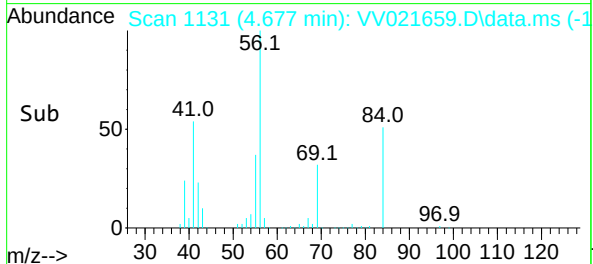
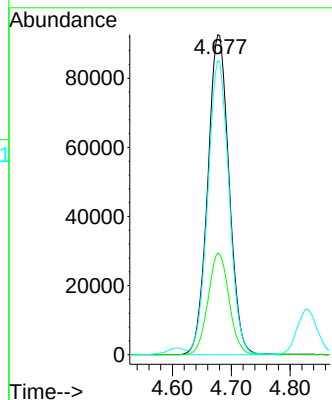
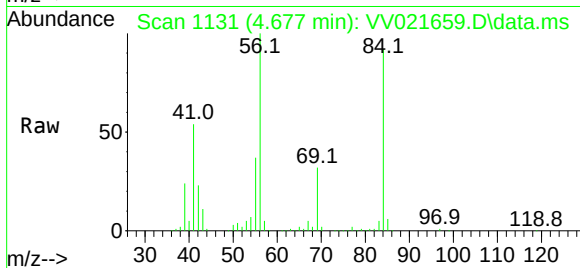
Tgt Ion: 56 Resp: 233099

Ion Ratio Lower Upper

56 100

69 31.3 24.9 37.3

84 91.3 71.6 107.4



#30

1,1,1-Trichloroethane

Concen: 45.198 ug/L

RT: 4.609 min Scan# 1110

Delta R.T. 0.003 min

Lab File: VV021659.D

Acq: 14 Jul 2021 17:36

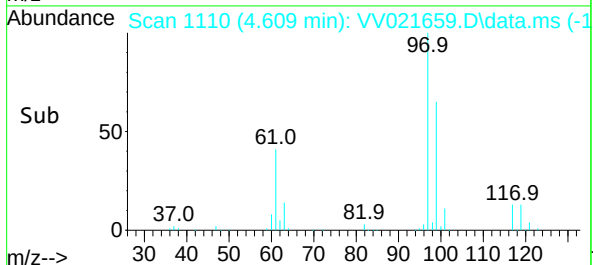
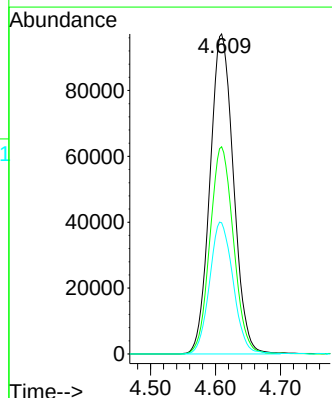
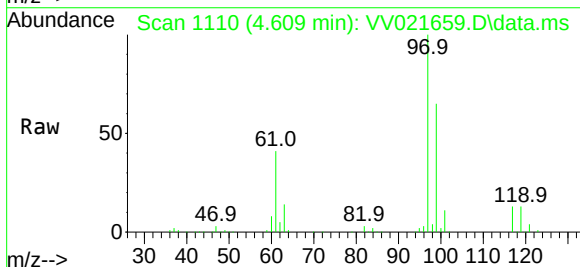
Tgt Ion: 97 Resp: 244311

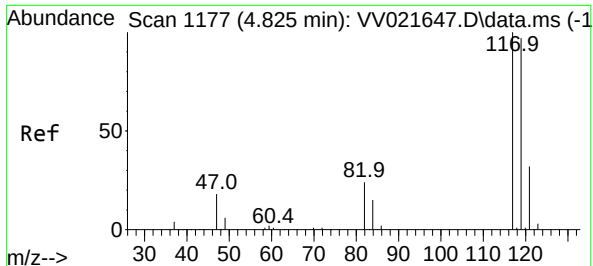
Ion Ratio Lower Upper

97 100

99 64.8 52.1 78.1

61 41.3 32.6 49.0

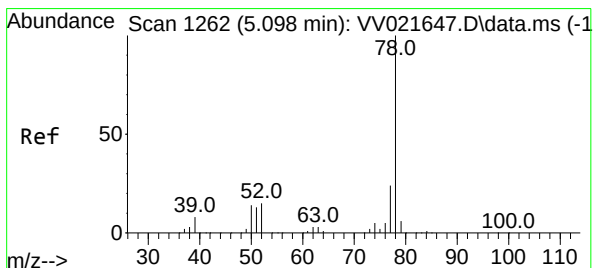
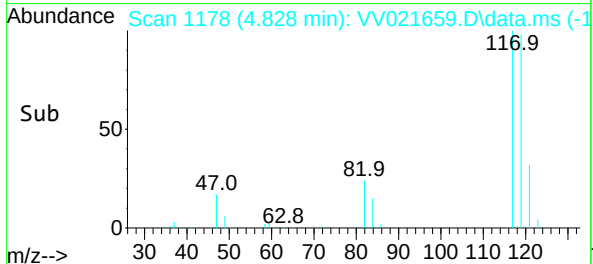
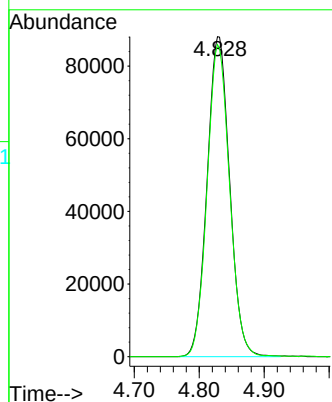
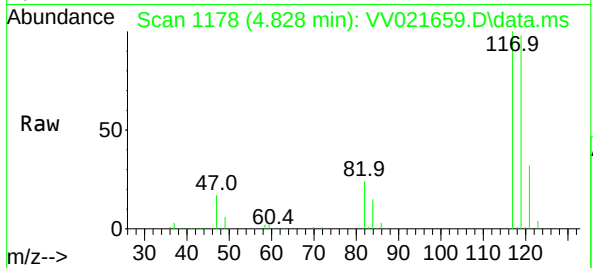




#31
Carbon tetrachloride
Concen: 44.746 ug/L
RT: 4.828 min Scan# 1178
Delta R.T. 0.003 min
Lab File: VV021659.D
Acq: 14 Jul 2021 17:36

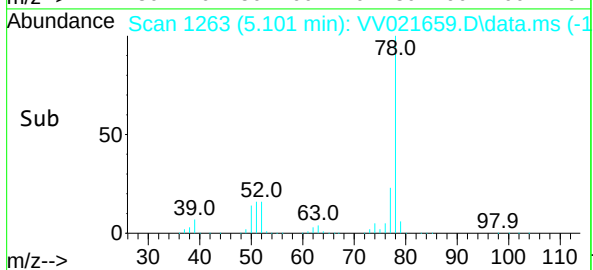
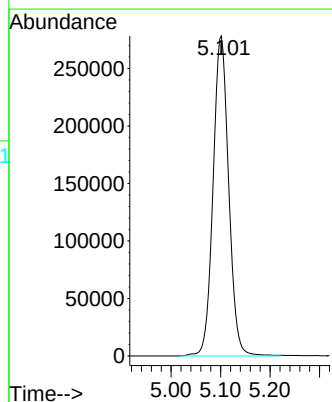
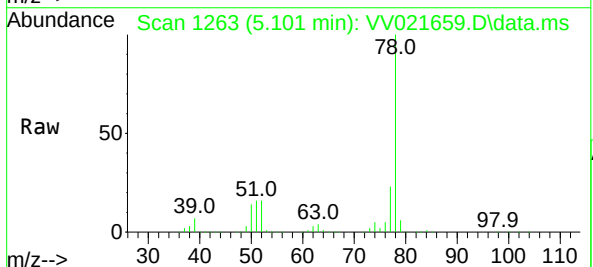
Instrument :
MSVOA_V
ClientSampled :

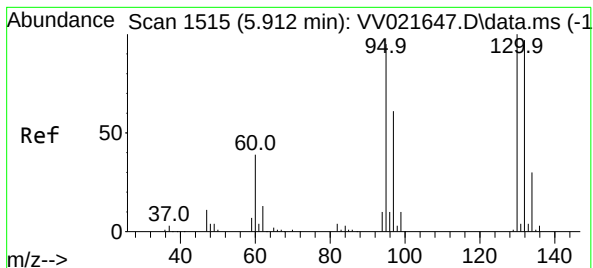
Tgt Ion:117 Resp: 213010
Ion Ratio Lower Upper
117 100
119 96.8 76.5 114.7



#33
Benzene
Concen: 46.553 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.003 min
Lab File: VV021659.D
Acq: 14 Jul 2021 17:36

Tgt Ion: 78 Resp: 609126





#34

Trichloroethene

Concen: 44.897 ug/L

RT: 5.915 min Scan# 1516

Delta R.T. 0.003 min

Lab File: VV021659.D

Acq: 14 Jul 2021 17:36

Tgt Ion: 95 Resp: 158796

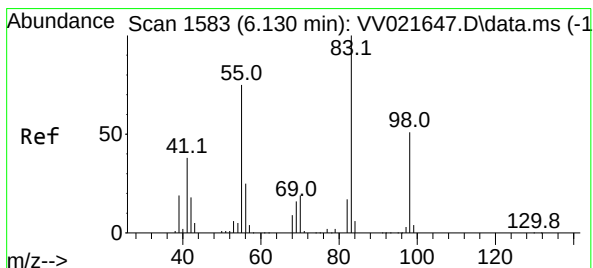
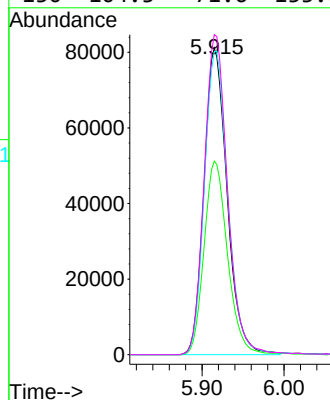
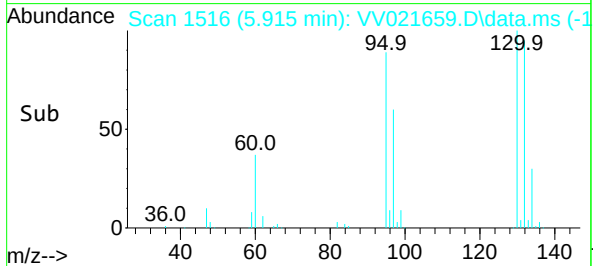
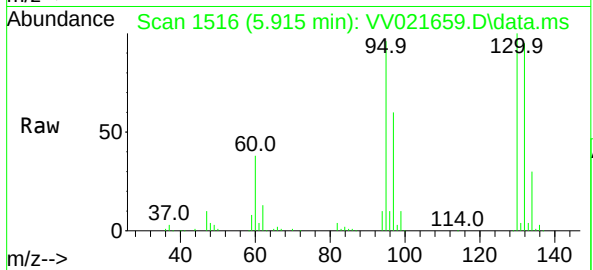
Ion Ratio Lower Upper

95 100

97 63.1 44.6 82.8

132 98.7 69.0 128.1

130 104.3 71.6 133.0



#35

Methylcyclohexane

Concen: 42.995 ug/L

RT: 6.133 min Scan# 1584

Delta R.T. 0.003 min

Lab File: VV021659.D

Acq: 14 Jul 2021 17:36

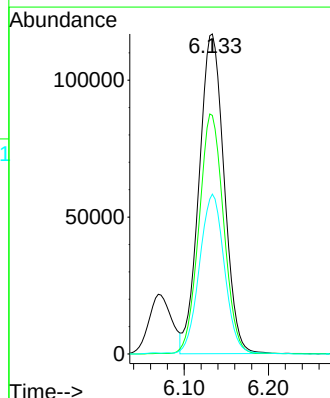
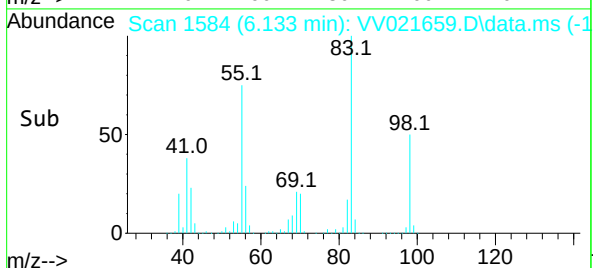
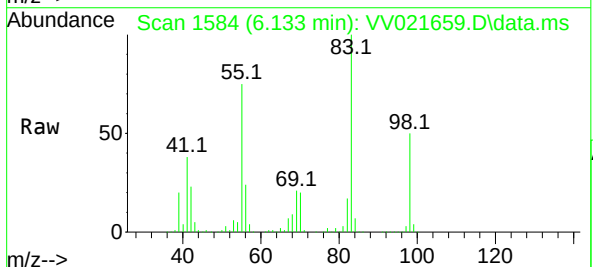
Tgt Ion: 83 Resp: 241429

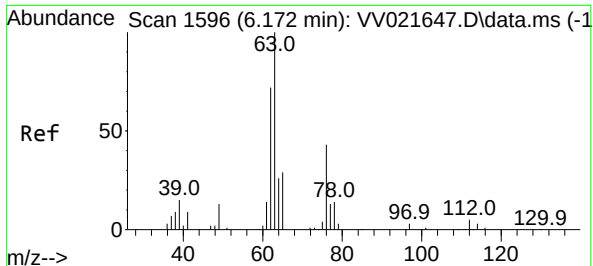
Ion Ratio Lower Upper

83 100

55 73.8 58.7 88.1

98 49.4 39.7 59.5



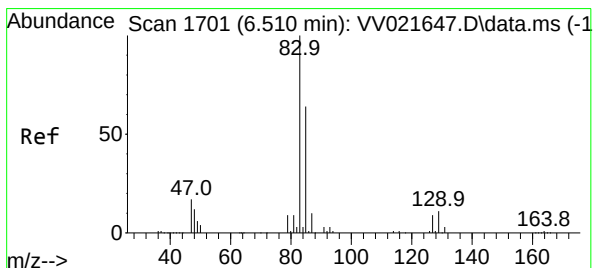
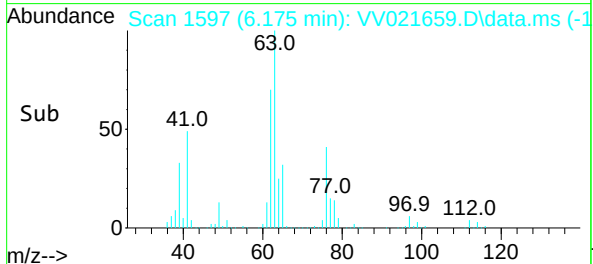
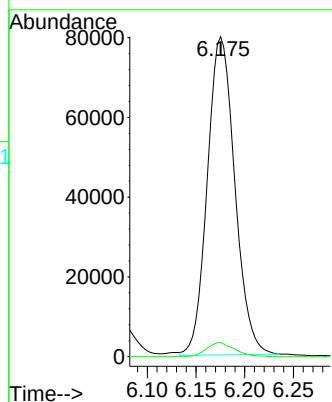
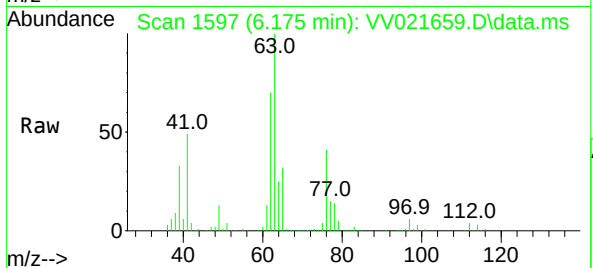


#37

1,2-Dichloropropane
Concen: 46.059 ug/L
RT: 6.175 min Scan# 1597
Delta R.T. 0.003 min
Lab File: VV021659.D
Acq: 14 Jul 2021 17:36

Instrument :
MSVOA_V
ClientSampleId :

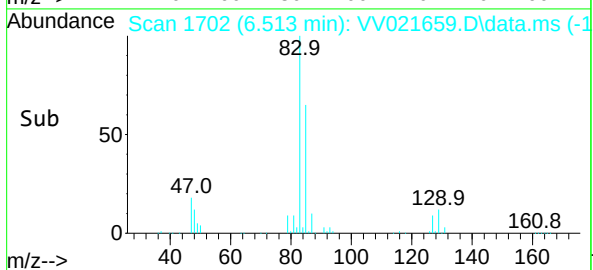
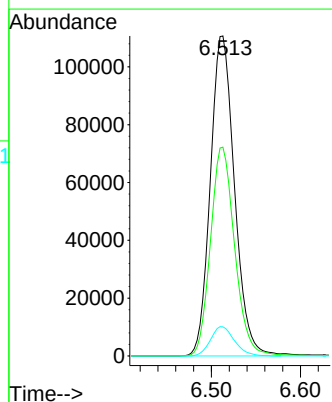
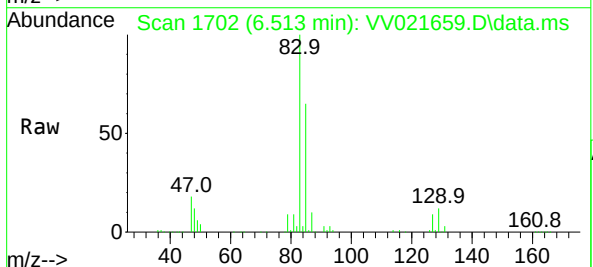
Tgt Ion: 63 Resp: 156650
Ion Ratio Lower Upper
63 100
112 4.5 3.8 5.6

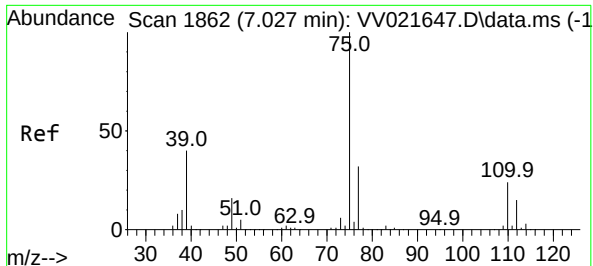


#38

Bromodichloromethane
Concen: 45.386 ug/L
RT: 6.513 min Scan# 1702
Delta R.T. 0.003 min
Lab File: VV021659.D
Acq: 14 Jul 2021 17:36

Tgt Ion: 83 Resp: 208605
Ion Ratio Lower Upper
83 100
85 65.2 46.3 86.1
127 9.1 7.3 10.9

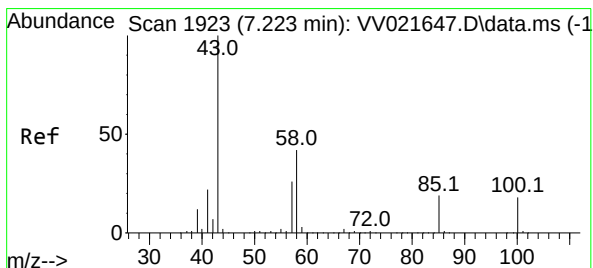
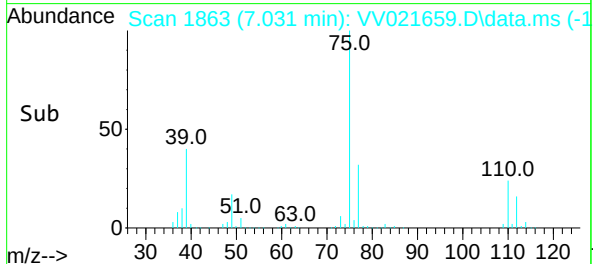
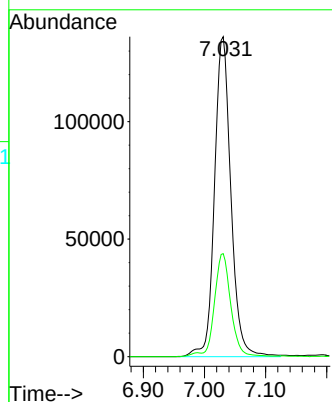
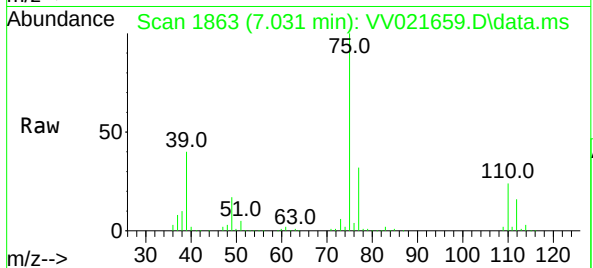




#39
 cis-1,3-Dichloropropene
 Concen: 45.253 ug/L
 RT: 7.031 min Scan# 1863
 Delta R.T. 0.003 min
 Lab File: VV021659.D
 Acq: 14 Jul 2021 17:36

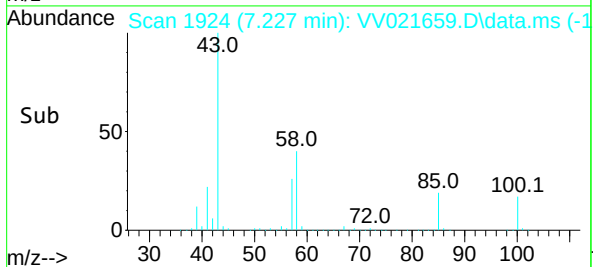
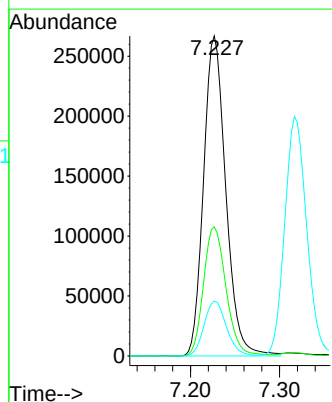
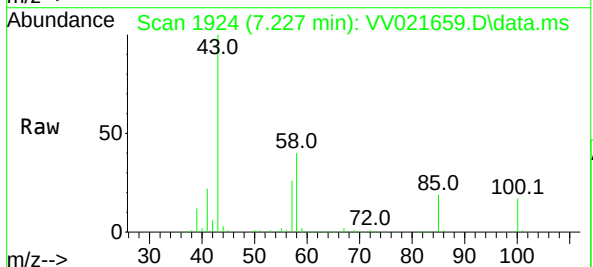
Instrument :
 MSVOA_V
 ClientSampled :

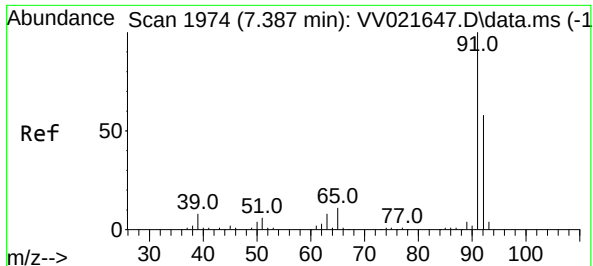
Tgt Ion: 75 Resp: 253800
 Ion Ratio Lower Upper
 75 100
 77 32.2 22.5 41.7



#40
 4-Methyl-2-pentanone
 Concen: 92.747 ug/L
 RT: 7.227 min Scan# 1924
 Delta R.T. 0.003 min
 Lab File: VV021659.D
 Acq: 14 Jul 2021 17:36

Tgt Ion: 43 Resp: 463041
 Ion Ratio Lower Upper
 43 100
 58 40.9 32.8 49.2
 100 17.3 13.5 20.3

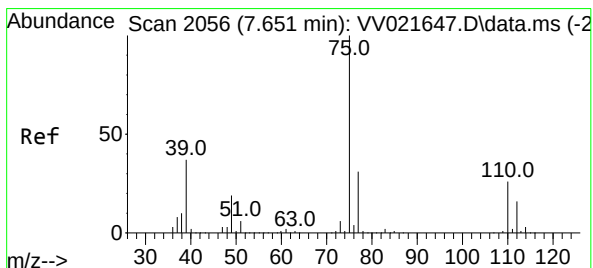
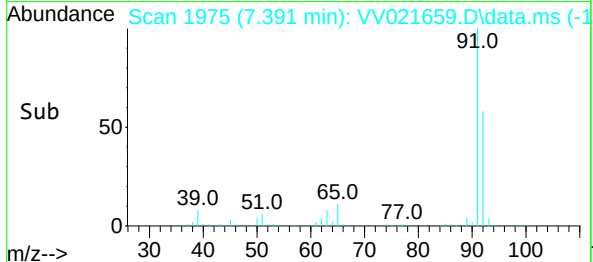
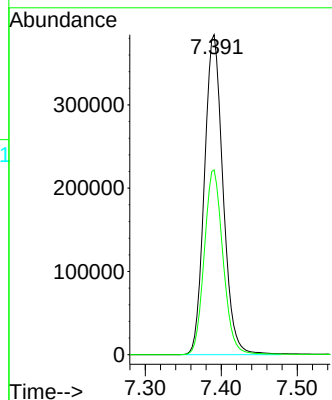
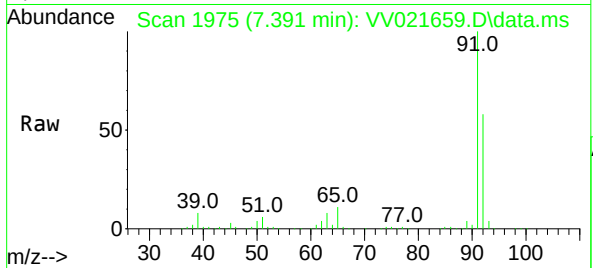




#42
Toluene
Concen: 46.643 ug/L
RT: 7.391 min Scan# 1975
Delta R.T. 0.003 min
Lab File: VV021659.D
Acq: 14 Jul 2021 17:36

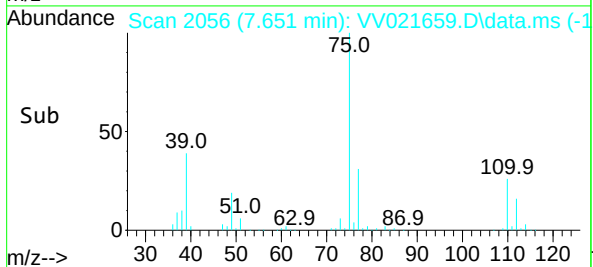
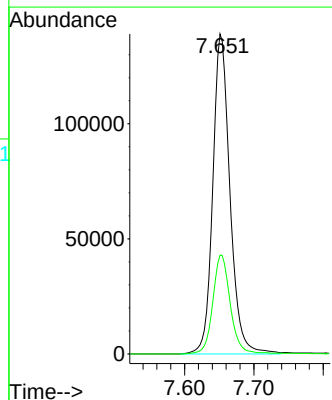
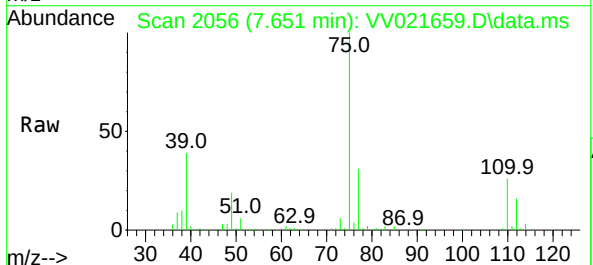
Instrument :
MSVOA_V
ClientSampled :

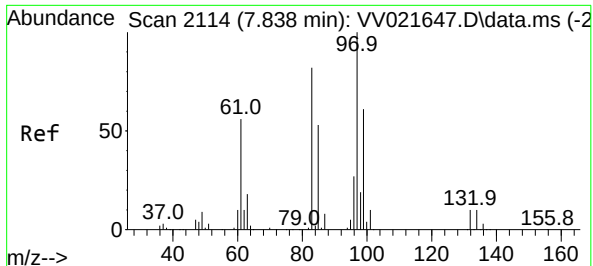
Tgt Ion: 91 Resp: 653708
Ion Ratio Lower Upper
91 100
92 57.8 40.6 75.4



#44
trans-1,3-Dichloropropene
Concen: 45.648 ug/L
RT: 7.651 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VV021659.D
Acq: 14 Jul 2021 17:36

Tgt Ion: 75 Resp: 239085
Ion Ratio Lower Upper
75 100
77 30.9 21.8 40.4



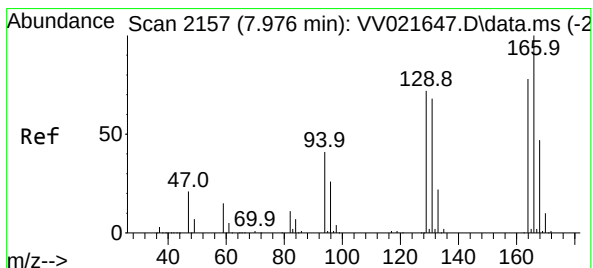
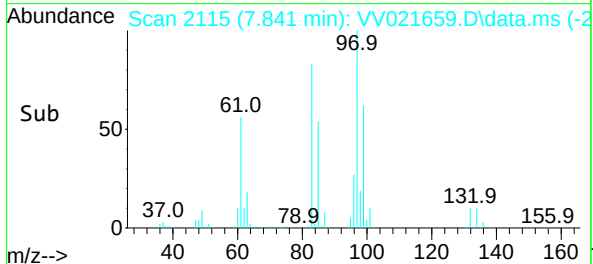
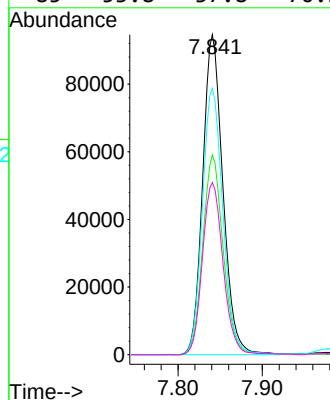
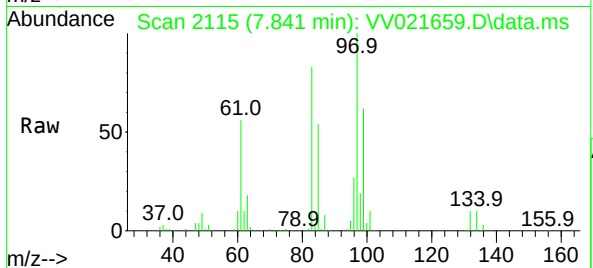


#45

1,1,2-Trichloroethane
Concen: 47.360 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. 0.003 min
Lab File: VV021659.D
Acq: 14 Jul 2021 17:36

Instrument :
MSVOA_V
ClientSampleId :

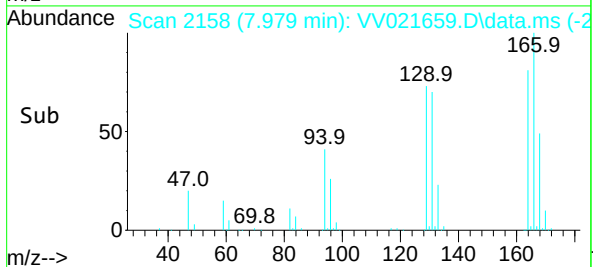
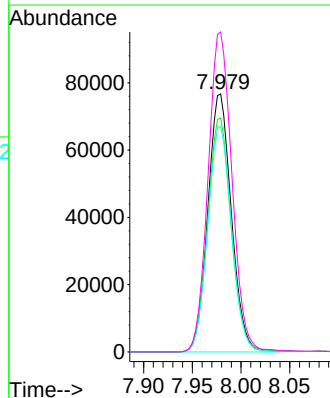
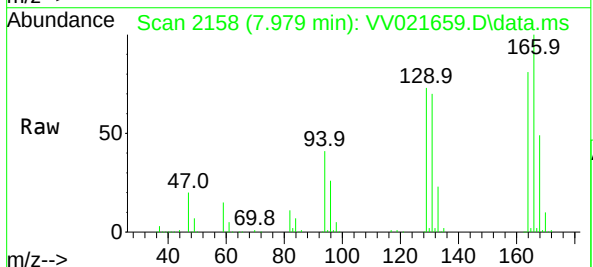
Tgt Ion: 97	Resp: 158239
Ion Ratio	Lower Upper
97 100	
99 62.5	44.4 82.4
83 83.3	58.8 109.2
85 53.8	37.8 70.2

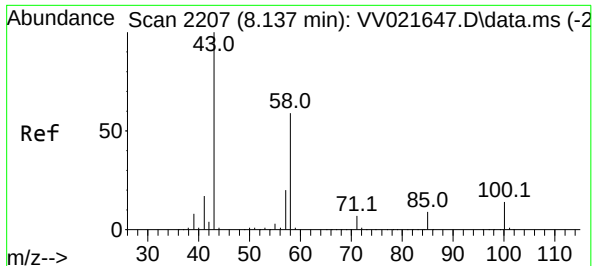


#46

Tetrachloroethene
Concen: 45.679 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. 0.003 min
Lab File: VV021659.D
Acq: 14 Jul 2021 17:36

Tgt	Ion:164	Resp:	128498
Ion	Ratio	Lower	Upper
164	100		
129	90.7	65.9	122.3
131	87.4	64.0	119.0
166	124.0	89.0	165.2



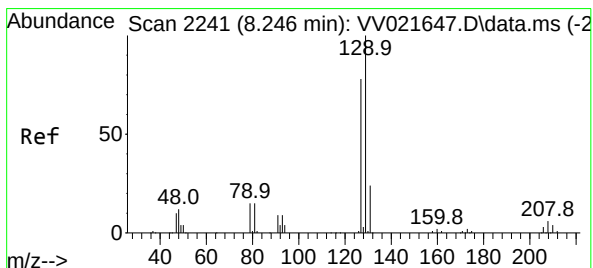
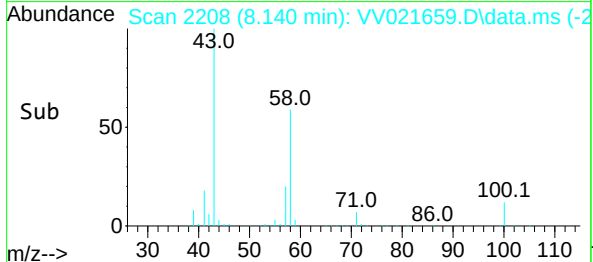
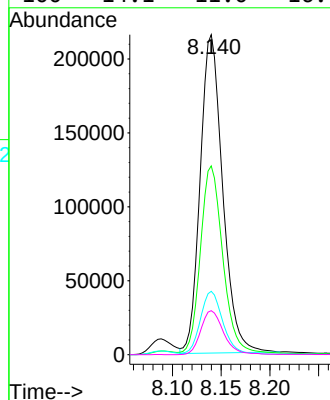
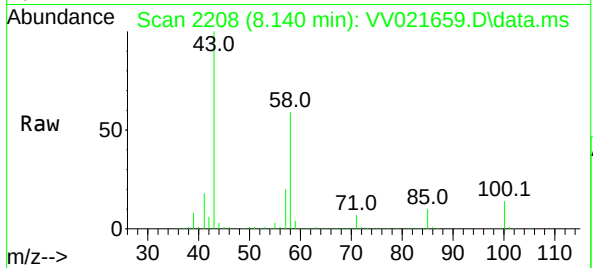


#48
2-Hexanone
Concen: 87.578 ug/L
RT: 8.140 min Scan# 2208
Delta R.T. 0.003 min
Lab File: VV021659.D
Acq: 14 Jul 2021 17:36

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 345602

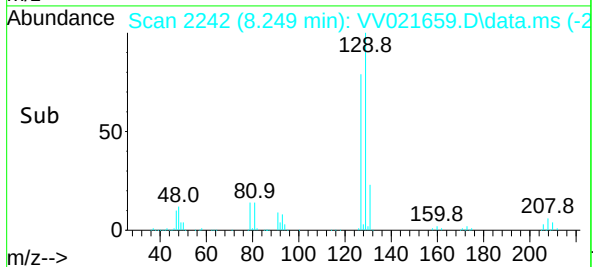
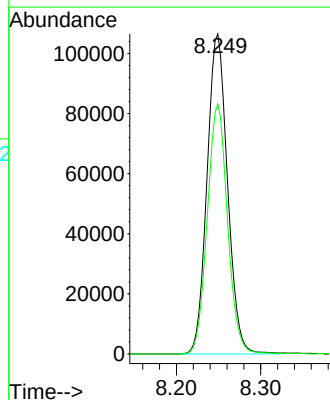
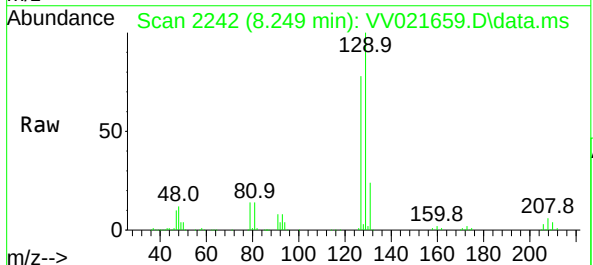
Ion	Ratio	Lower	Upper
43	100		
58	59.2	46.7	70.1
57	19.9	15.5	23.3
100	14.1	11.0	16.4

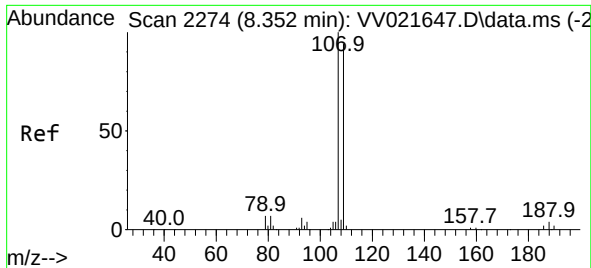


#49
Dibromochloromethane
Concen: 46.800 ug/L
RT: 8.249 min Scan# 2242
Delta R.T. 0.003 min
Lab File: VV021659.D
Acq: 14 Jul 2021 17:36

Tgt Ion: 129 Resp: 180079

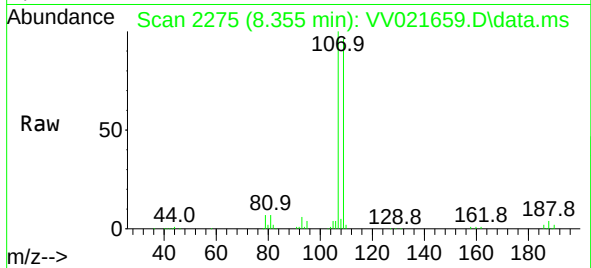
Ion	Ratio	Lower	Upper
129	100		
127	78.1	53.1	98.7



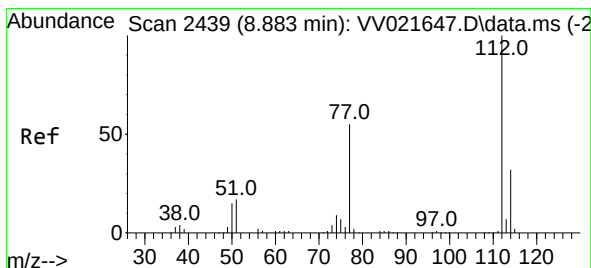
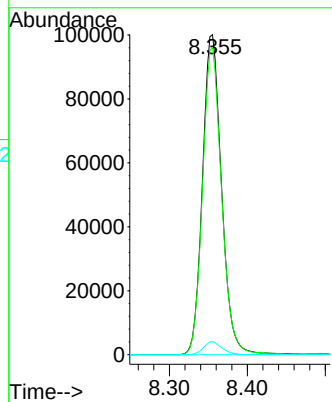
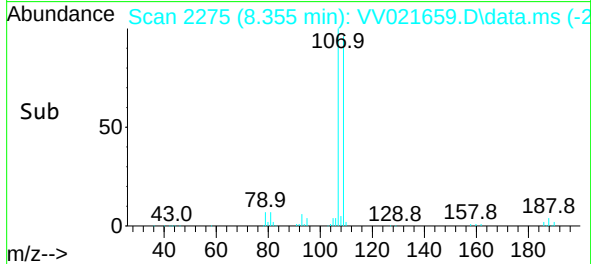


#50
1,2-Dibromoethane
Concen: 46.330 ug/L
RT: 8.355 min Scan# 2275
Delta R.T. 0.003 min
Lab File: VV021659.D
Acq: 14 Jul 2021 17:36

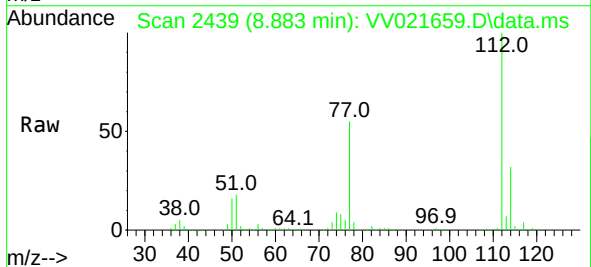
Instrument :
MSVOA_V
ClientSampleId :



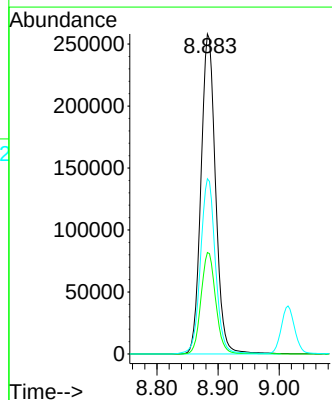
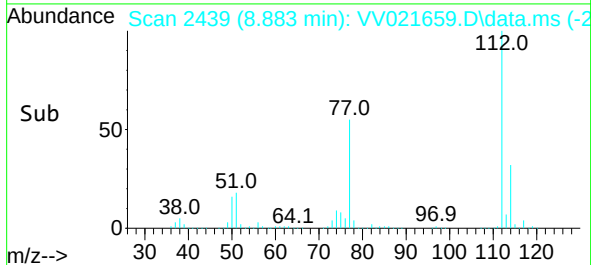
Tgt Ion:107 Resp: 169722
Ion Ratio Lower Upper
107 100
109 95.9 65.8 122.2
188 4.1 3.1 4.7

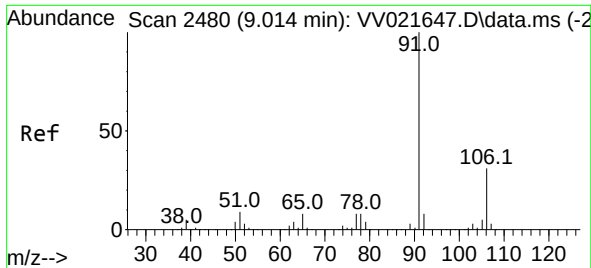


#51
Chlorobenzene
Concen: 46.908 ug/L
RT: 8.883 min Scan# 2439
Delta R.T. -0.000 min
Lab File: VV021659.D
Acq: 14 Jul 2021 17:36



Tgt Ion:112 Resp: 427827
Ion Ratio Lower Upper
112 100
114 31.7 21.9 40.7
77 54.7 44.0 66.0

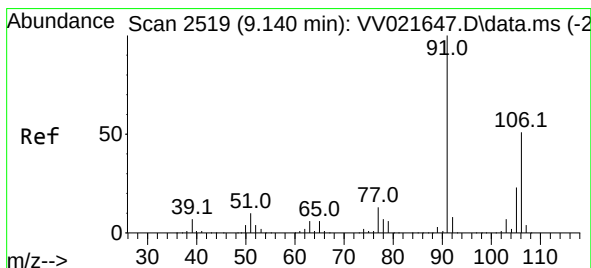
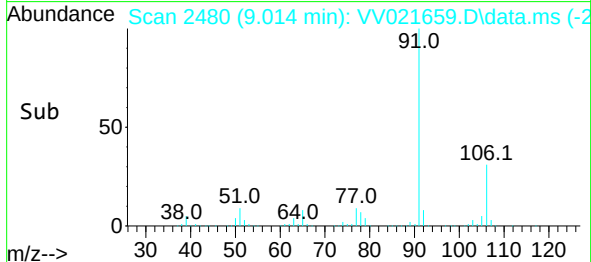
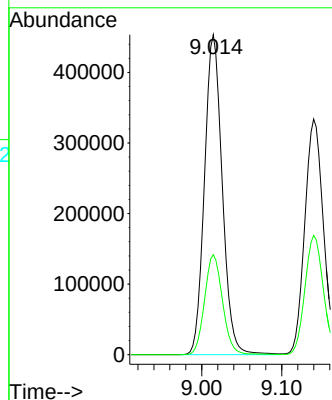
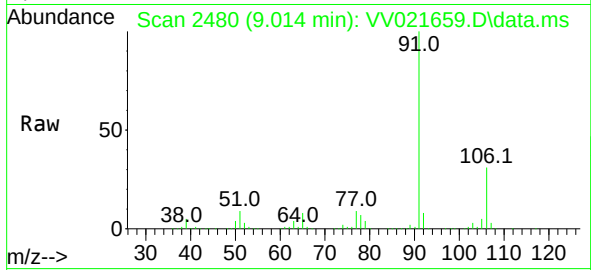




#52
Ethylbenzene
Concen: 46.133 ug/L
RT: 9.014 min Scan# 2480
Delta R.T. -0.000 min
Lab File: VV021659.D
Acq: 14 Jul 2021 17:36

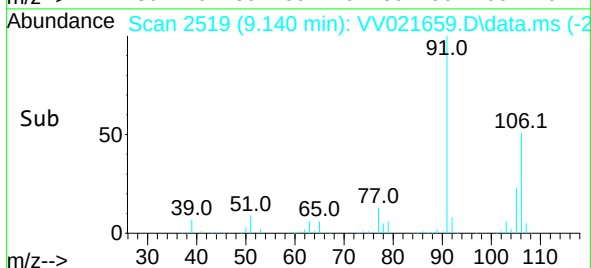
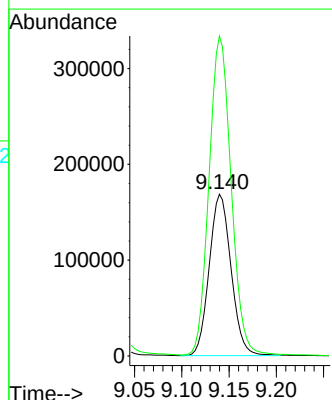
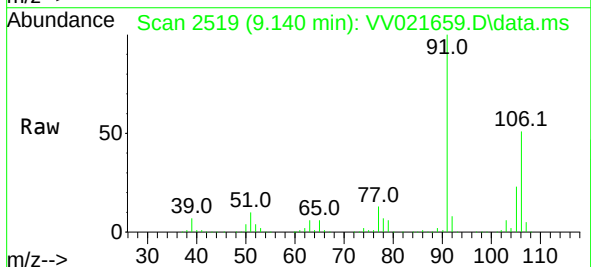
Instrument :
MSVOA_V
ClientSampleId :

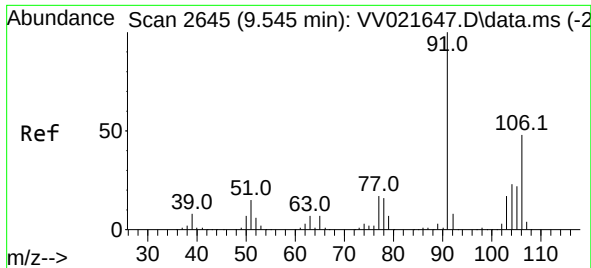
Tgt Ion: 91 Resp: 702420
Ion Ratio Lower Upper
91 100
106 31.2 21.8 40.6



#53
m,p-Xylene
Concen: 46.372 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. -0.000 min
Lab File: VV021659.D
Acq: 14 Jul 2021 17:36

Tgt Ion: 106 Resp: 270960
Ion Ratio Lower Upper
106 100
91 197.8 138.7 257.5

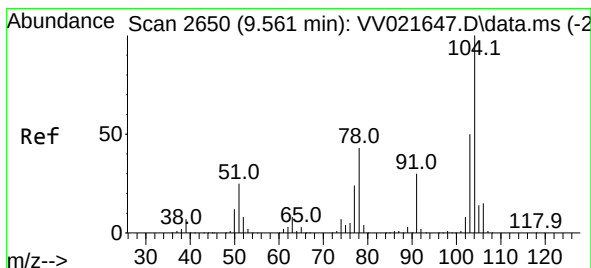
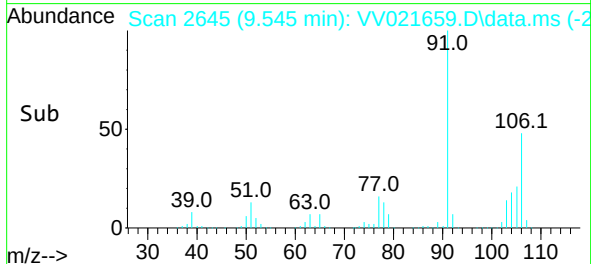
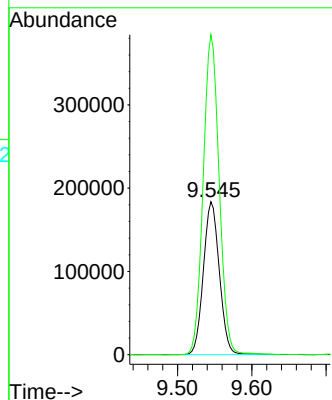
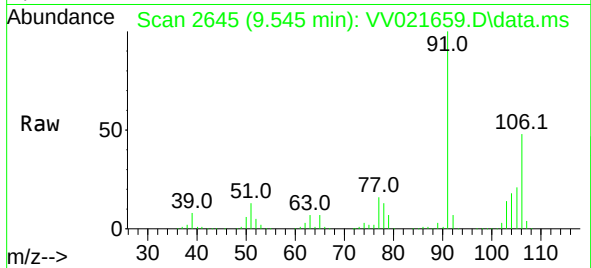




#54
o-Xylene
Concen: 47.063 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. -0.000 min
Lab File: VV021659.D
Acq: 14 Jul 2021 17:36

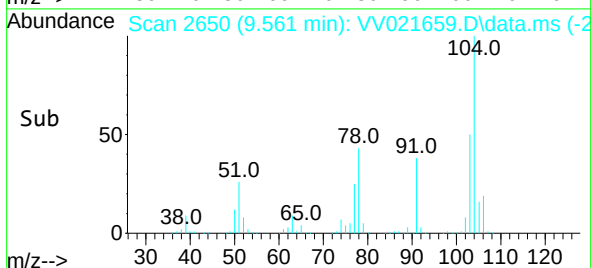
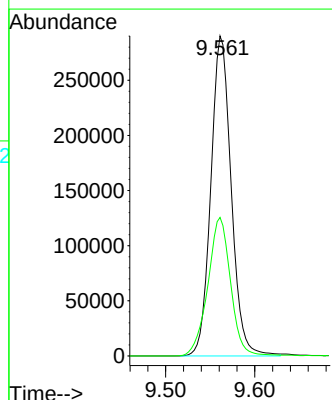
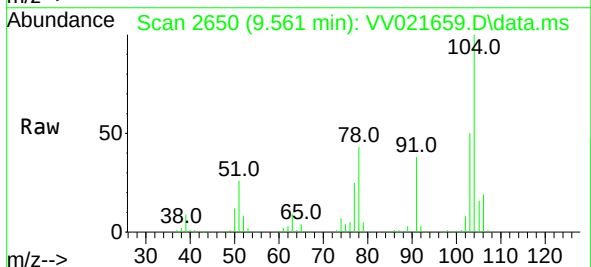
Instrument :
MSVOA_V
ClientSampled :

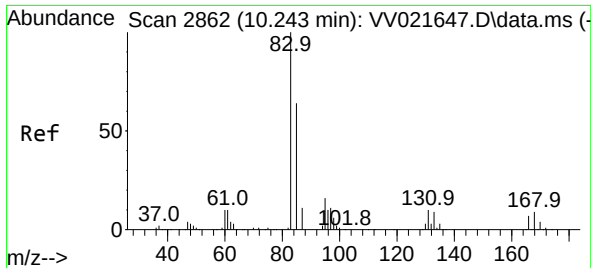
Tgt Ion:106 Resp: 274352
Ion Ratio Lower Upper
106 100
91 209.2 149.0 276.8



#55
Styrene
Concen: 46.700 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. -0.000 min
Lab File: VV021659.D
Acq: 14 Jul 2021 17:36

Tgt Ion:104 Resp: 460015
Ion Ratio Lower Upper
104 100
78 43.3 30.6 56.8

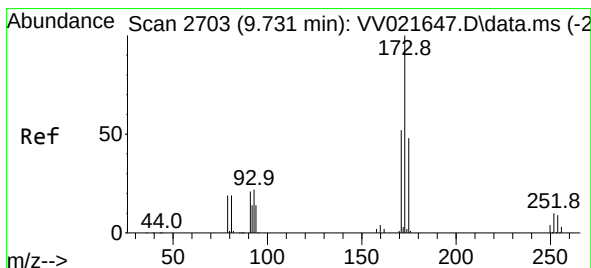
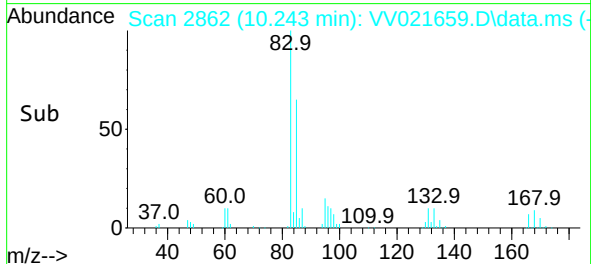
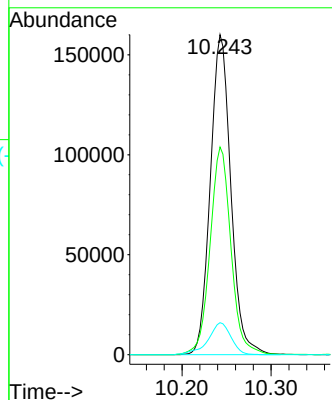
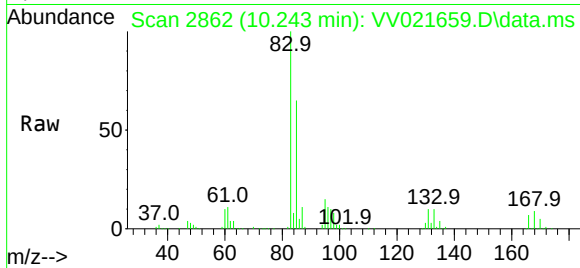




#57
1,1,2,2-Tetrachloroethane
Concen: 49.150 ug/L
RT: 10.243 min Scan# 2862
Delta R.T. -0.000 min
Lab File: VV021659.D
Acq: 14 Jul 2021 17:36

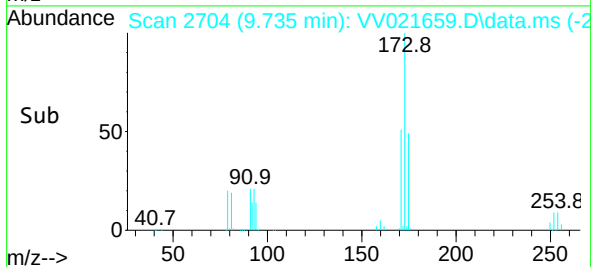
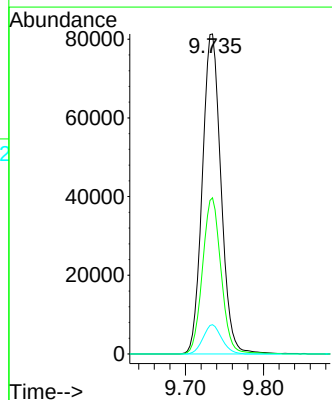
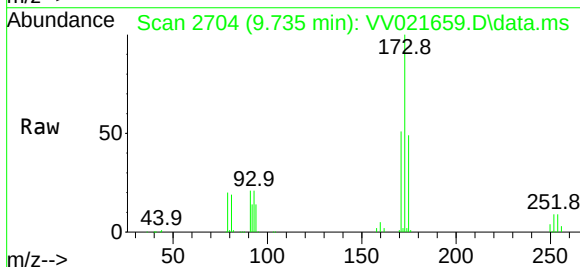
Instrument :
MSVOA_V
ClientSampleId :

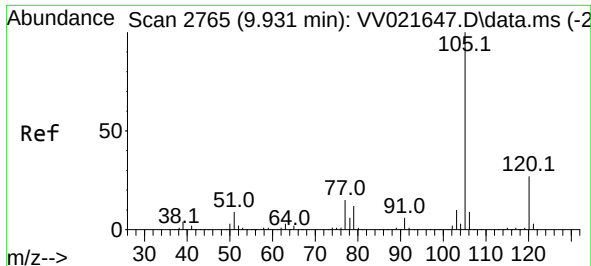
Tgt Ion: 83 Resp: 255990
Ion Ratio Lower Upper
83 100
85 64.9 45.0 83.6
131 10.0 8.4 12.6



#59
Bromoform
Concen: 46.076 ug/L
RT: 9.735 min Scan# 2704
Delta R.T. 0.003 min
Lab File: VV021659.D
Acq: 14 Jul 2021 17:36

Tgt Ion: 173 Resp: 135220
Ion Ratio Lower Upper
173 100
175 48.5 39.0 58.6
254 9.1 7.0 10.6

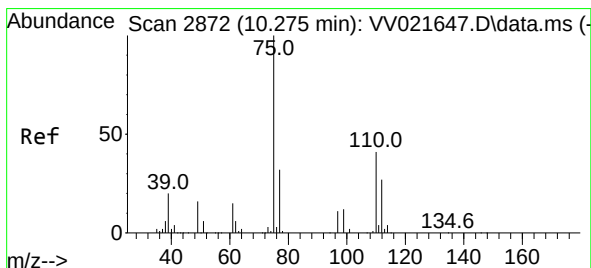
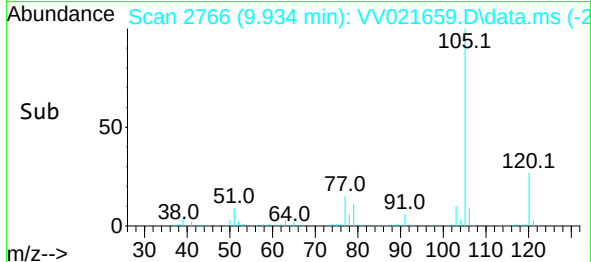
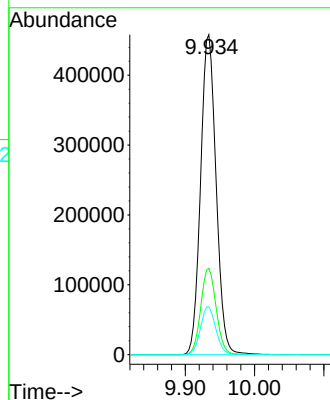
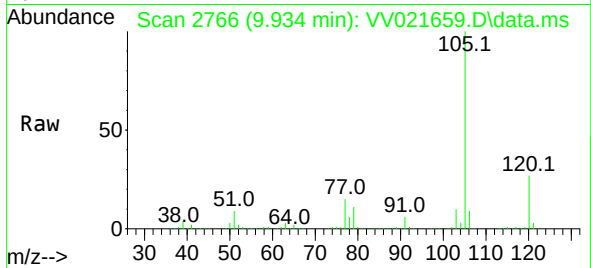




#60
Isopropylbenzene
Concen: 45.688 ug/L
RT: 9.934 min Scan# 2766
Delta R.T. 0.003 min
Lab File: VV021659.D
Acq: 14 Jul 2021 17:36

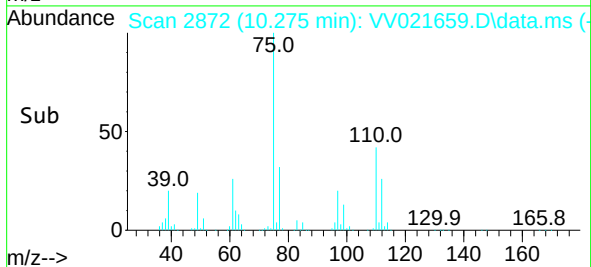
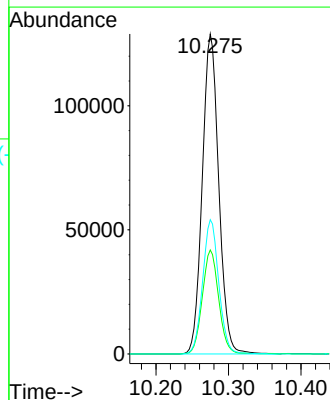
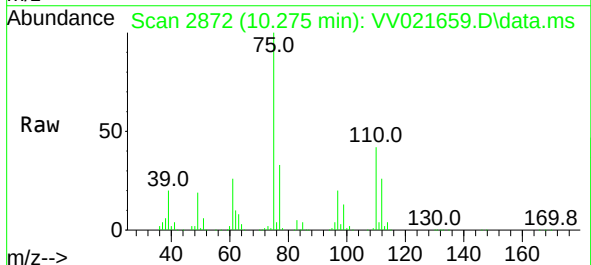
Instrument :
MSVOA_V
ClientSampleId :

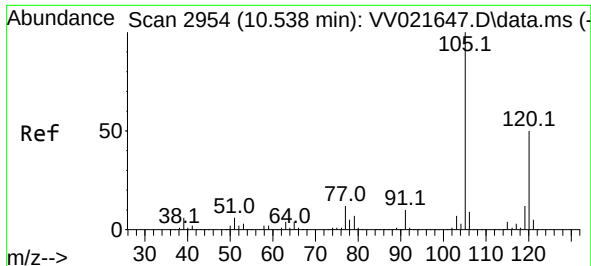
Tgt Ion:105 Resp: 711534
Ion Ratio Lower Upper
105 100
120 26.8 21.5 32.3
77 15.0 12.0 18.0



#61
1,2,3-Trichloropropane
Concen: 46.179 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. -0.000 min
Lab File: VV021659.D
Acq: 14 Jul 2021 17:36

Tgt Ion: 75 Resp: 203829
Ion Ratio Lower Upper
75 100
77 32.3 25.8 38.8
110 41.1 33.0 49.6

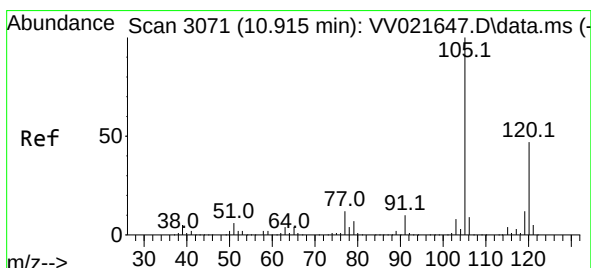
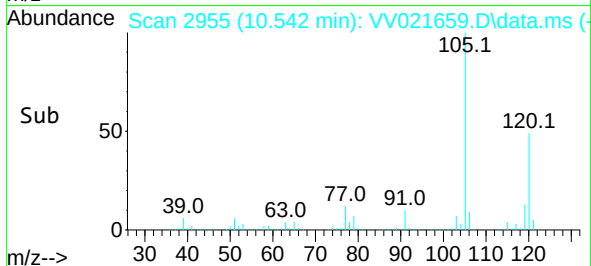
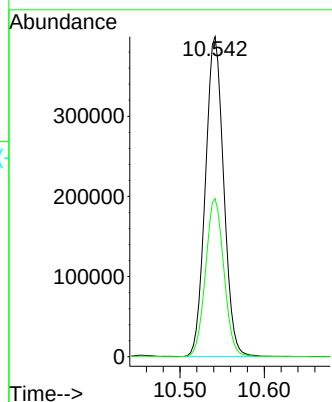
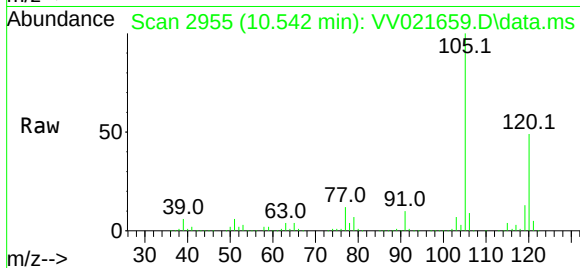




#62
1,3,5-Trimethylbenzene
Concen: 45.450 ug/L
RT: 10.542 min Scan# 2955
Delta R.T. 0.003 min
Lab File: VV021659.D
Acq: 14 Jul 2021 17:36

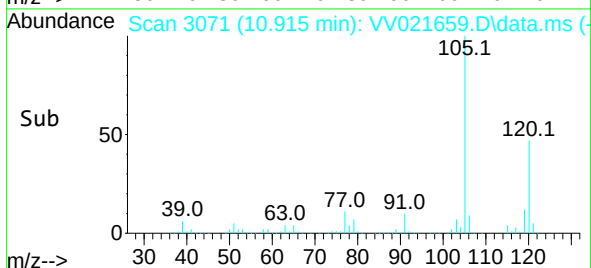
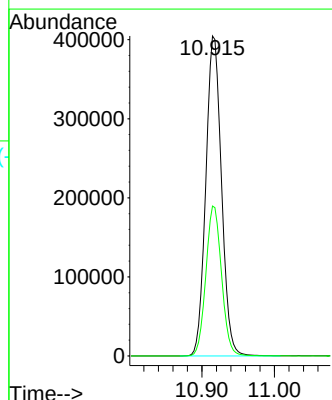
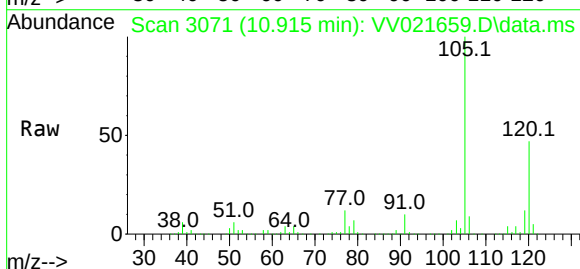
Instrument :
MSVOA_V
ClientSampled :

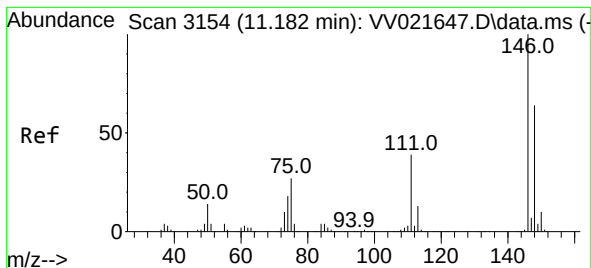
Tgt Ion:105 Resp: 603253
Ion Ratio Lower Upper
105 100
120 49.6 40.0 60.0



#63
1,2,4-Trimethylbenzene
Concen: 45.264 ug/L
RT: 10.915 min Scan# 3071
Delta R.T. -0.000 min
Lab File: VV021659.D
Acq: 14 Jul 2021 17:36

Tgt Ion:105 Resp: 607984
Ion Ratio Lower Upper
105 100
120 46.8 37.1 55.7





#64

1,3-Dichlorobenzene

Concen: 46.258 ug/L

RT: 11.181 min Scan# 3154

Delta R.T. -0.000 min

Lab File: VV021659.D

Acq: 14 Jul 2021 17:36

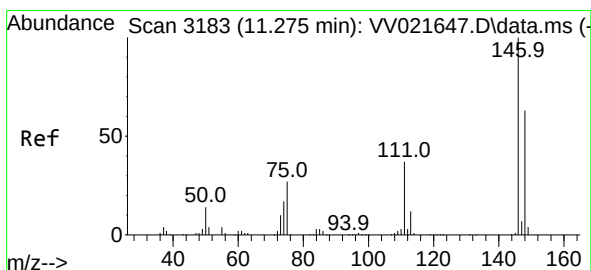
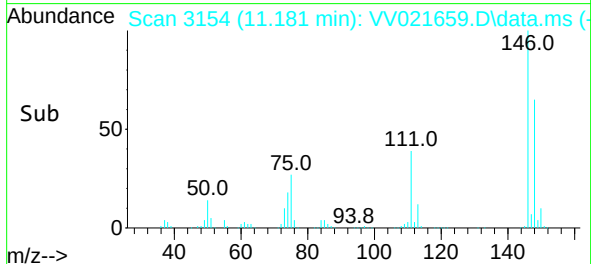
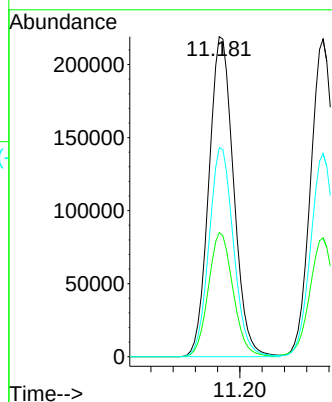
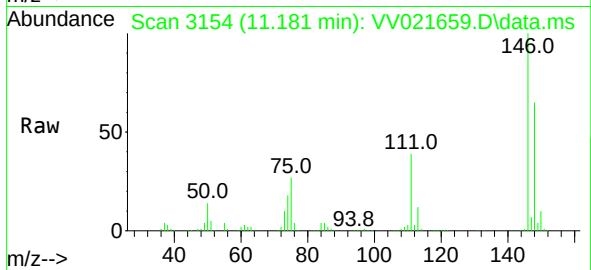
Tgt Ion:146 Resp: 338760

Ion Ratio Lower Upper

146 100

111 38.8 27.3 50.7

148 65.3 44.2 82.0



#65

1,4-Dichlorobenzene

Concen: 46.065 ug/L

RT: 11.275 min Scan# 3183

Delta R.T. -0.000 min

Lab File: VV021659.D

Acq: 14 Jul 2021 17:36

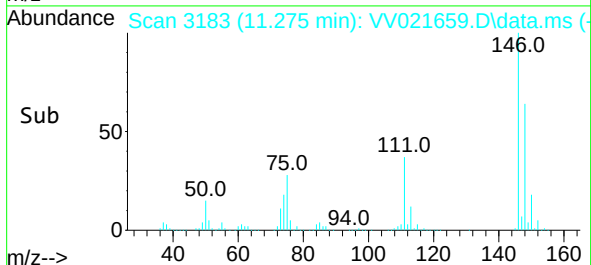
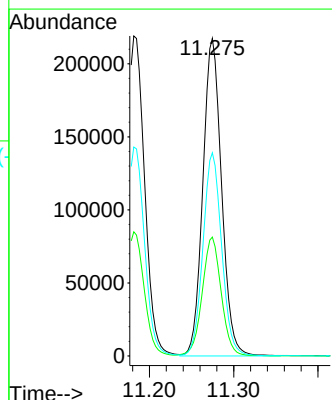
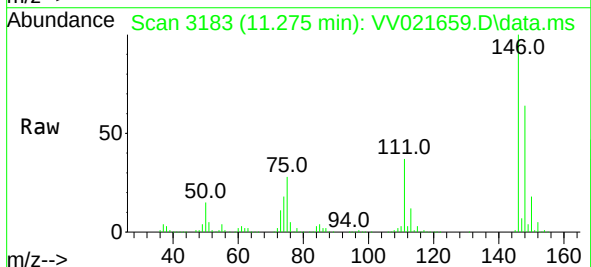
Tgt Ion:146 Resp: 337187

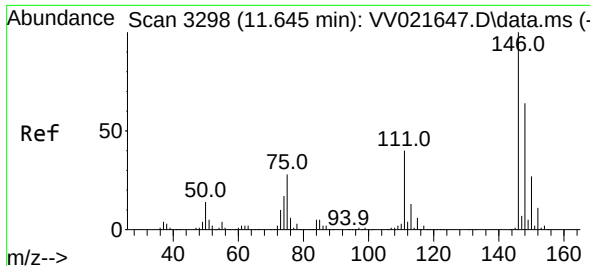
Ion Ratio Lower Upper

146 100

111 37.4 26.6 49.4

148 63.9 45.2 84.0

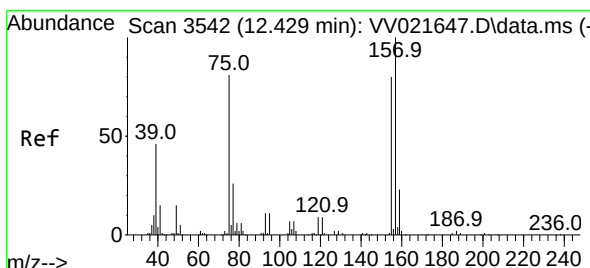
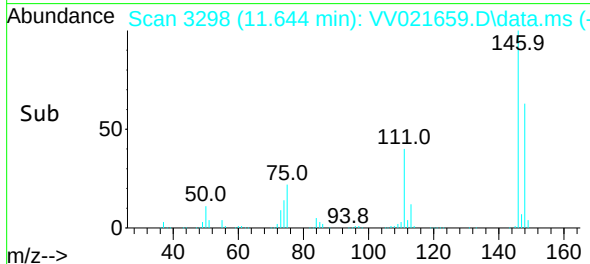
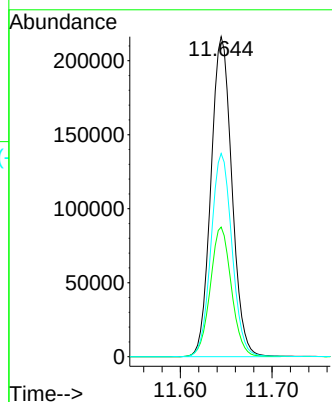
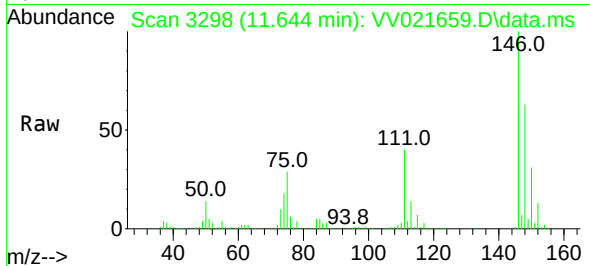




#67
1,2-Dichlorobenzene
Concen: 46.801 ug/L
RT: 11.644 min Scan# 3298
Delta R.T. -0.000 min
Lab File: VV021659.D
Acq: 14 Jul 2021 17:36

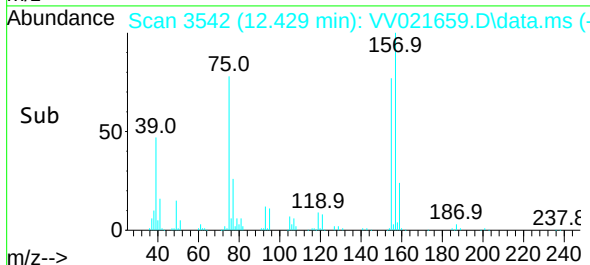
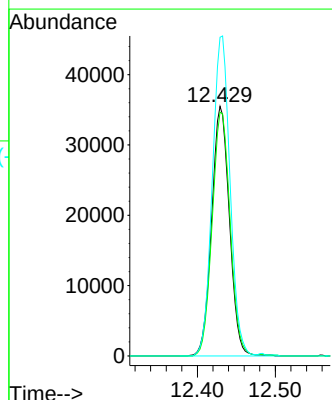
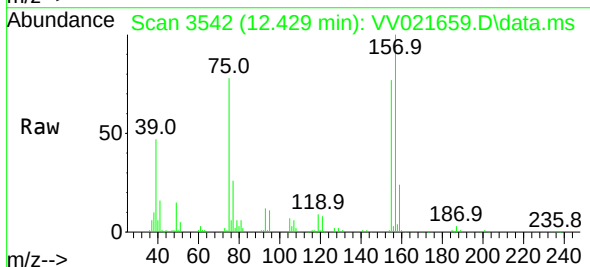
Instrument :
MSVOA_V
ClientSampled :

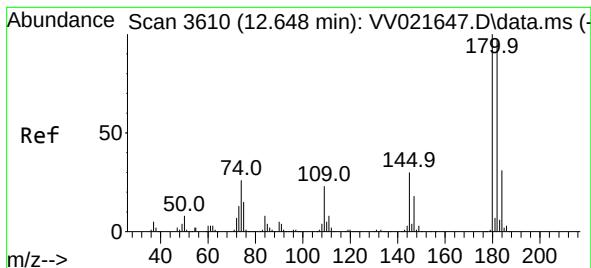
Tgt Ion:146 Resp: 343476
Ion Ratio Lower Upper
146 100
111 40.5 32.6 48.8
148 63.5 50.5 75.7



#68
1,2-Dibromo-3-chloropropane
Concen: 42.972 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. -0.000 min
Lab File: VV021659.D
Acq: 14 Jul 2021 17:36

Tgt Ion: 75 Resp: 56229
Ion Ratio Lower Upper
75 100
155 97.7 75.9 113.9
157 127.7 96.7 145.1

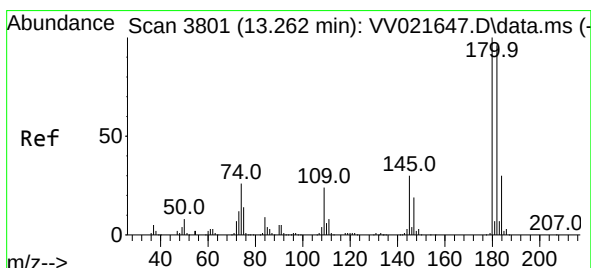
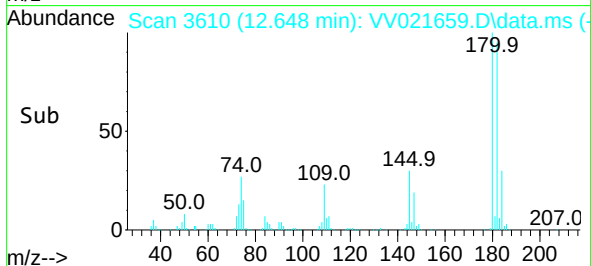
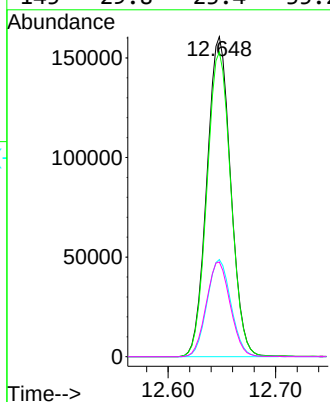
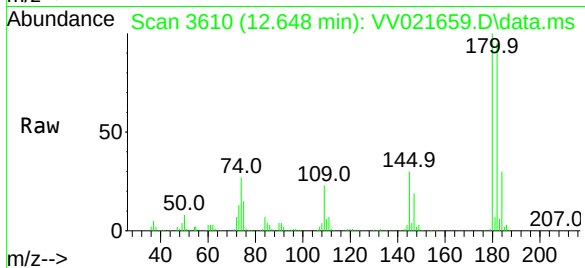




#69
1,3,5-Trichlorobenzene
Concen: 45.099 ug/L
RT: 12.648 min Scan# 3610
Delta R.T. -0.000 min
Lab File: VV021659.D
Acq: 14 Jul 2021 17:36

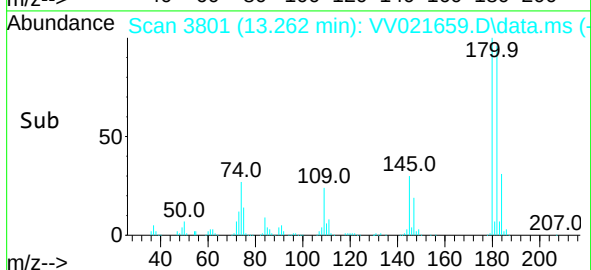
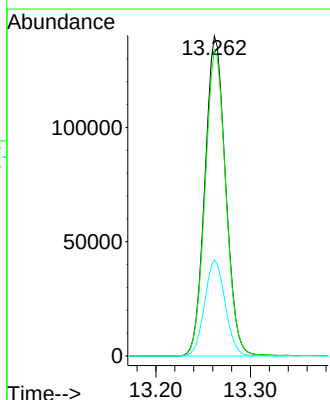
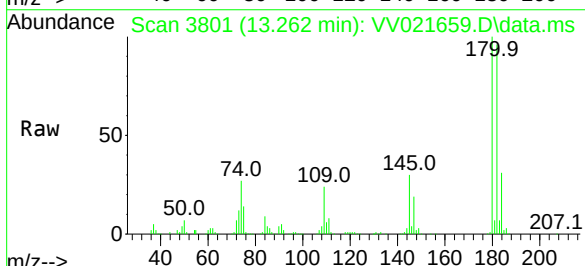
Instrument :
MSVOA_V
ClientSampleId :

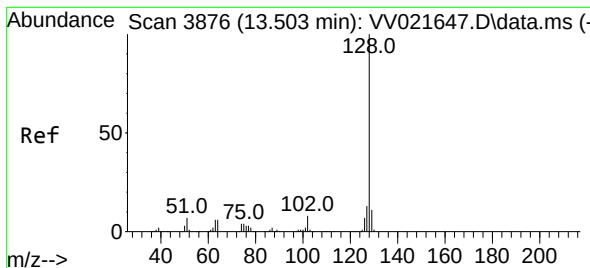
Tgt Ion:	180	Resp:	246818
Ion Ratio	Lower	Upper	
180	100		
182	95.8	75.0	112.4
184	30.4	23.8	35.6
145	29.8	23.4	35.2



#70
1,2,4-trichlorobenzene
Concen: 45.099 ug/L
RT: 13.262 min Scan# 3801
Delta R.T. -0.000 min
Lab File: VV021659.D
Acq: 14 Jul 2021 17:36

Tgt Ion:	180	Resp:	212267
Ion Ratio	Lower	Upper	
180	100		
182	96.1	75.4	113.2
145	29.9	24.1	36.1

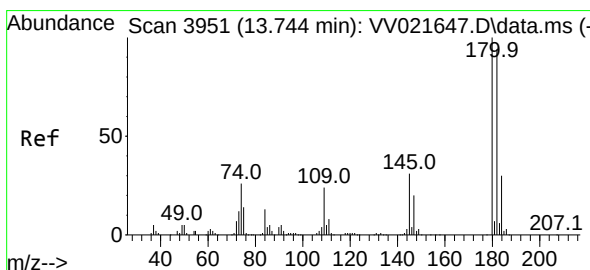
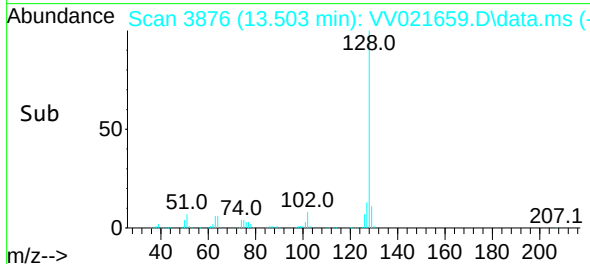
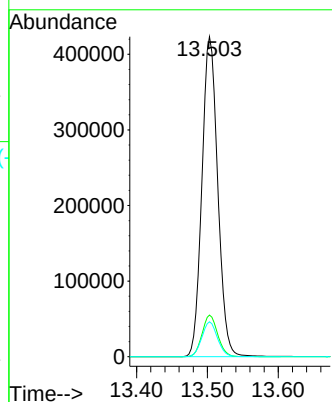
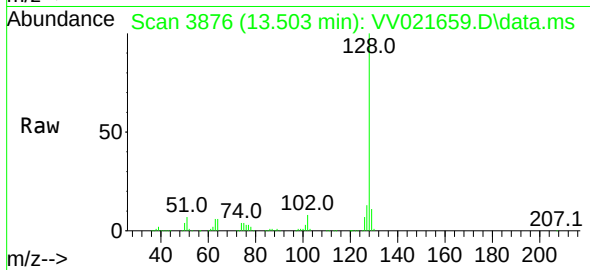




#71
Naphthalene
Concen: 45.763 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. -0.000 min
Lab File: VV021659.D
Acq: 14 Jul 2021 17:36

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 655977
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.2
129 10.8 8.6 13.0



#72
1,2,3-Trichlorobenzene
Concen: 46.842 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. -0.000 min
Lab File: VV021659.D
Acq: 14 Jul 2021 17:36

Tgt Ion:180 Resp: 217753
Ion Ratio Lower Upper
180 100
182 93.7 75.8 113.6
145 30.9 25.7 38.5

