

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042721\
 Data File : VW021163.D
 Acq On : 27 Apr 2021 10:05
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 28 03:24:23 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM042121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 27 04:16:04 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	704556	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	688040	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.255	152	409631	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	264354	45.66	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	91.32%		
7) Chloroethane-d5	1.571	69	199029	46.73	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	93.46%		
11) 1,1-Dichloroethene-d2	2.111	63	494891	46.35	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	92.70%		
21) 2-Butanone-d5	3.896	46	272996	96.56	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	96.56%		
24) Chloroform-d	4.349	84	498123	48.26	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.52%		
26) 1,2-Dichloroethane-d4	5.034	65	319604	48.71	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.42%		
32) Benzene-d6	5.053	84	895223	48.85	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.70%		
36) 1,2-Dichloropropane-d6	6.072	67	258940	47.34	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	94.68%		
41) Toluene-d8	7.317	98	864125	48.73	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	97.46%		
43) trans-1,3-Dichloroprop...	7.622	79	148155	49.57	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	99.14%		
47) 2-Hexanone-d5	8.092	63	211870	97.66	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	97.66%		
56) 1,1,2,2-Tetrachloroeth...	10.220	84	391891	47.50	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	95.00%		
66) 1,2-Dichlorobenzene-d4	11.632	152	376345	46.51	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	93.02%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	342399	48.13	ug/L	100
3) Chloromethane	1.243	50	283279	46.27	ug/L	99
5) Vinyl chloride	1.314	62	302379	48.25	ug/L	99
6) Bromomethane	1.526	94	212949	50.43	ug/L	99
8) Chloroethane	1.587	64	185482	50.16	ug/L	95
9) Trichlorofluoromethane	1.754	101	561069	50.24	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	278210	50.22	ug/L	99
12) 1,1-Dichloroethene	2.121	96	254202	50.54	ug/L	87
14) Carbon disulfide	2.298	76	670315	48.58	ug/L	100
15) Methyl Acetate	2.436	43	224309	51.36	ug/L	100
16) Methylene chloride	2.510	84	261173	49.79	ug/L	99
17) trans-1,2-Dichloroethene	2.761	96	248101	51.34	ug/L	95
18) Methyl tert-butyl Ether	2.770	73	766482	51.67	ug/L	100
19) 1,1-Dichloroethane	3.191	63	447720	51.34	ug/L	99
20) cis-1,2-Dichloroethene	3.912	96	258512	50.12	ug/L	100
22) 2-Butanone	3.979	43	342190	111.89	ug/L	98
23) Bromochloromethane	4.249	128	155790	52.41	ug/L	96
25) Chloroform	4.375	83	515368	52.51	ug/L	98
27) 1,2-Dichloroethane	5.130	62	400206	51.21	ug/L	97

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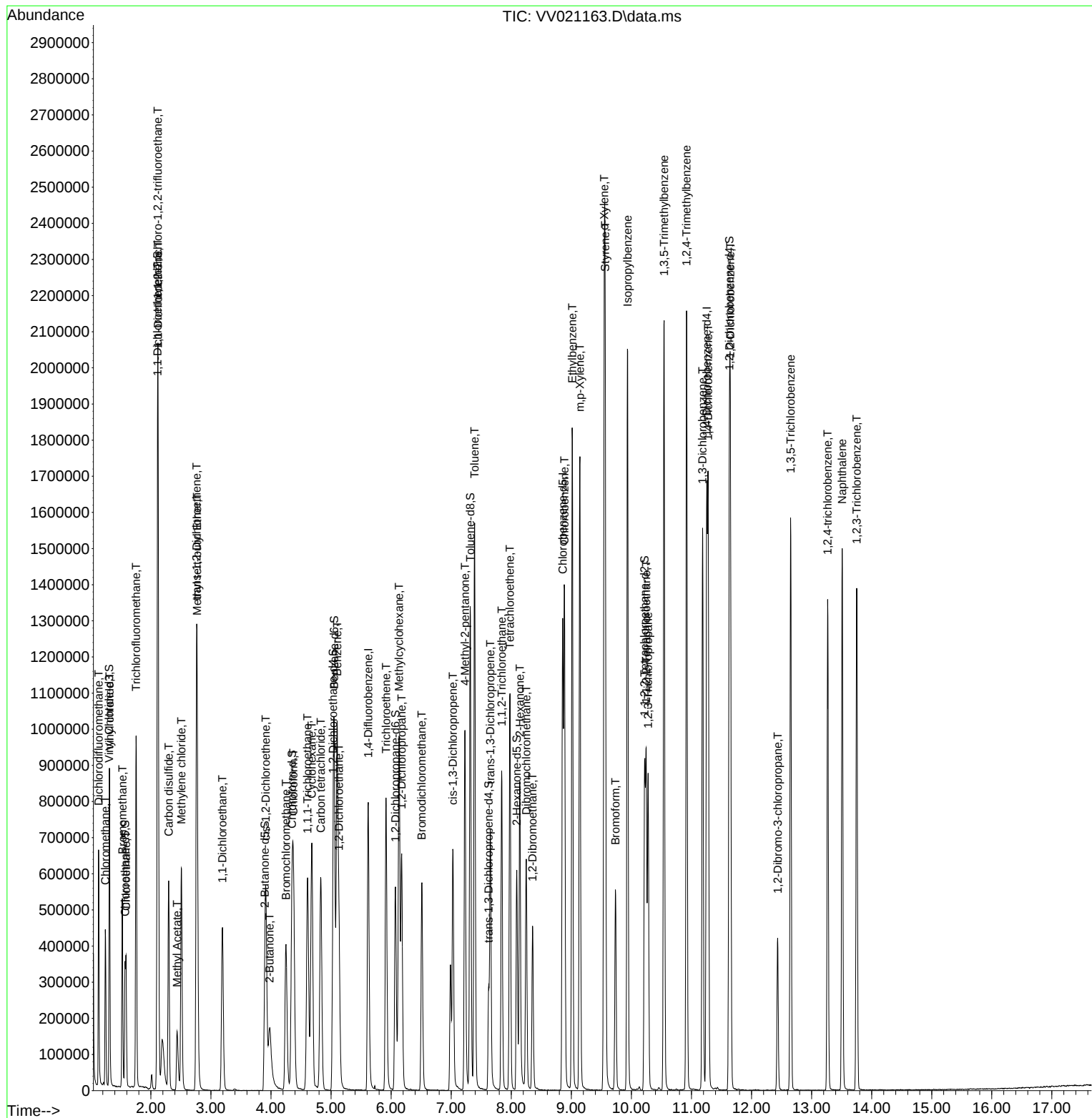
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	4.680	56	356265	50.88	ug/L	97
30) 1,1,1-Trichloroethane	4.609	97	491332	53.31	ug/L	99
31) Carbon tetrachloride	4.828	117	449402	52.79	ug/L	99
33) Benzene	5.101	78	1011252	52.72	ug/L	100
34) Trichloroethene	5.915	95	272511	51.34	ug/L	99
35) Methylcyclohexane	6.133	83	402199	50.42	ug/L	97
37) 1,2-Dichloropropane	6.175	63	245445	52.10	ug/L	99
38) Bromodichloromethane	6.510	83	378135	51.50	ug/L	96
39) cis-1,3-Dichloropropene	7.027	75	395968	51.53	ug/L	98
40) 4-Methyl-2-pentanone	7.230	43	611442	107.37	ug/L	99
42) Toluene	7.391	91	1122503	53.31	ug/L	98
44) trans-1,3-Dichloropropene	7.651	75	416099	52.33	ug/L	99
45) 1,1,2-Trichloroethane	7.841	97	263445	51.48	ug/L	97
46) Tetrachloroethene	7.979	164	238195	50.17	ug/L	97
48) 2-Hexanone	8.143	43	504291	112.45	ug/L	98
49) Dibromochloromethane	8.249	129	325157	51.59	ug/L	99
50) 1,2-Dibromoethane	8.355	107	292415	52.86	ug/L	99
51) Chlorobenzene	8.886	112	735618	50.80	ug/L	98
52) Ethylbenzene	9.014	91	1261184	54.02	ug/L	99
53) m,p-Xylene	9.143	106	482089	54.18	ug/L	100
54) o-Xylene	9.548	106	464732	53.18	ug/L	100
55) Styrene	9.564	104	831757	56.34	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.246	83	410323	50.45	ug/L	99
59) Bromoform	9.735	173	247550	49.30	ug/L	99
60) Isopropylbenzene	9.937	105	1280472	52.29	ug/L	100
61) 1,2,3-Trichloropropane	10.278	75	338493	49.01	ug/L	99
62) 1,3,5-Trimethylbenzene	10.545	105	1109991	53.38	ug/L	100
63) 1,2,4-Trimethylbenzene	10.918	105	1122090	54.11	ug/L	98
64) 1,3-Dichlorobenzene	11.185	146	629468	51.60	ug/L	99
65) 1,4-Dichlorobenzene	11.278	146	644234	51.41	ug/L	99
67) 1,2-Dichlorobenzene	11.648	146	634078	50.36	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.435	75	100804	48.69	ug/L	99
69) 1,3,5-Trichlorobenzene	12.651	180	486491	51.28	ug/L	99
70) 1,2,4-trichlorobenzene	13.268	180	401077	51.58	ug/L	99
71) Naphthalene	13.509	128	1149944	53.09	ug/L	99
72) 1,2,3-Trichlorobenzene	13.751	180	428171	53.97	ug/L	99

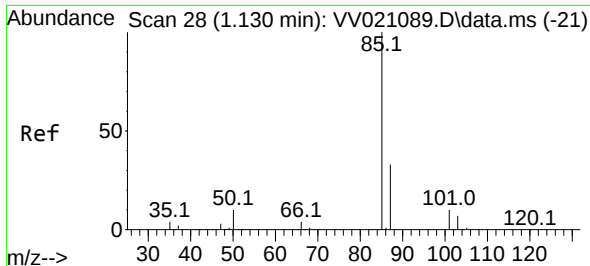
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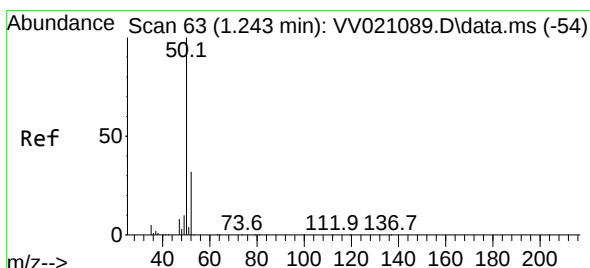
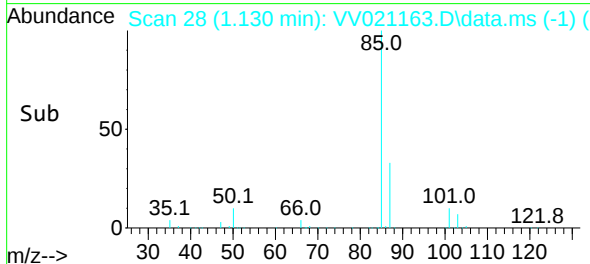
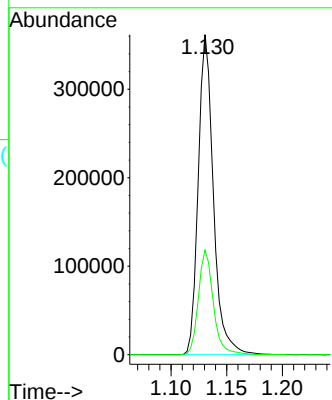
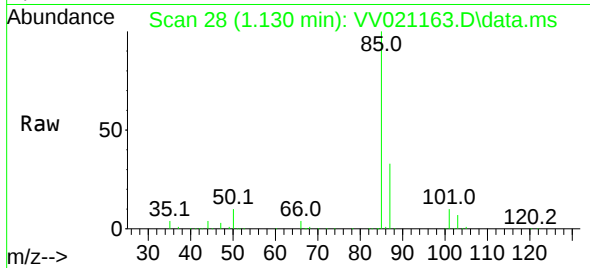




#2
 Dichlorodifluoromethane
 Concen: 48.13 ug/L
 RT: 1.130 min Scan# 28
 Delta R.T. 0.000 min
 Lab File: VV021163.D
 Acq: 27 Apr 2021 10:05

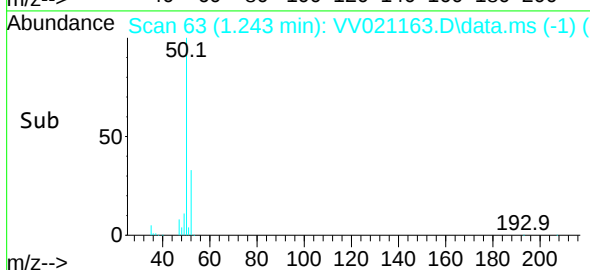
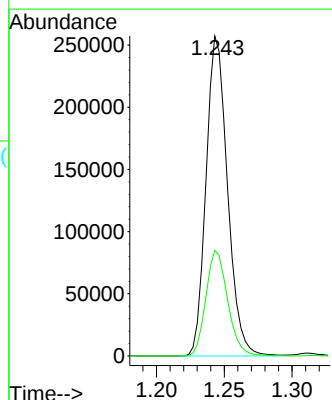
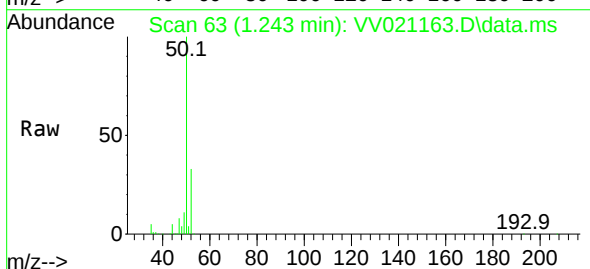
Instrument :
 MSVOA_V
 ClientSampled :

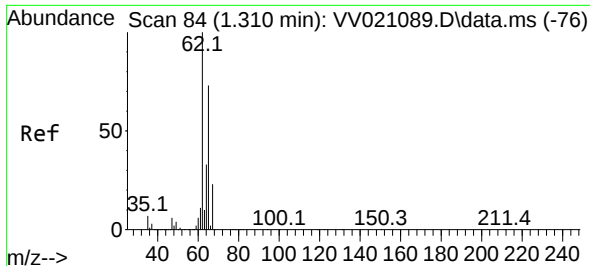
Tgt Ion: 85 Resp: 342399
 Ion Ratio Lower Upper
 85 100
 87 32.2 25.8 38.8



#3
 Chloromethane
 Concen: 46.27 ug/L
 RT: 1.243 min Scan# 63
 Delta R.T. 0.000 min
 Lab File: VV021163.D
 Acq: 27 Apr 2021 10:05

Tgt Ion: 50 Resp: 283279
 Ion Ratio Lower Upper
 50 100
 52 33.0 22.7 42.1

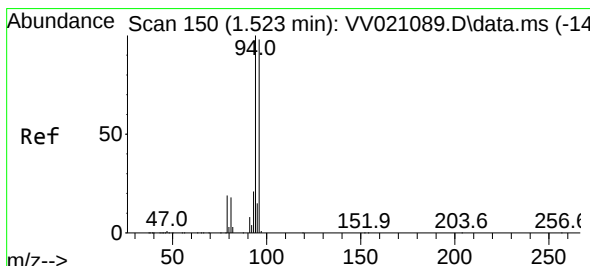
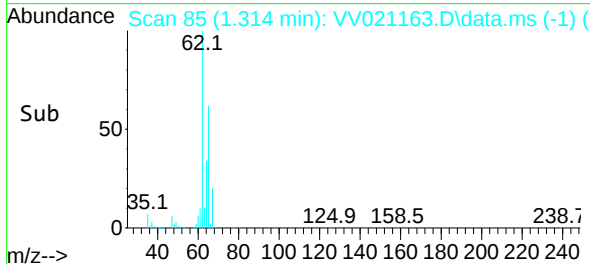
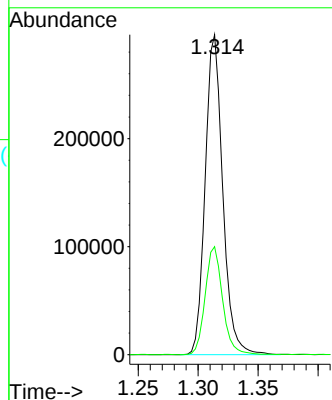
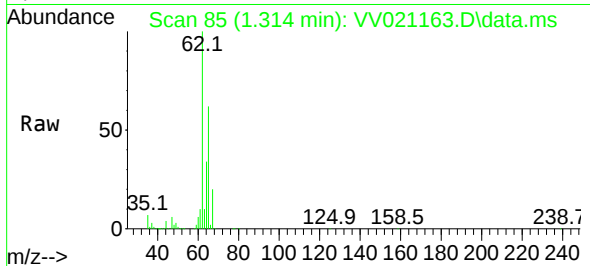




#5
 Vinyl chloride
 Concen: 48.25 ug/L
 RT: 1.314 min Scan# 85
 Delta R.T. 0.000 min
 Lab File: VV021163.D
 Acq: 27 Apr 2021 10:05

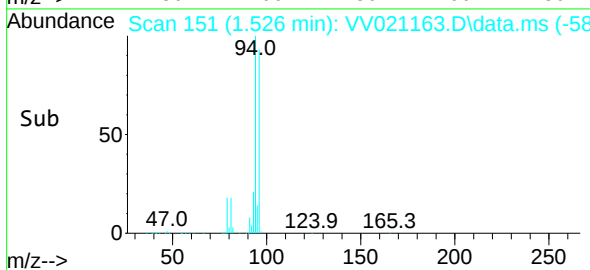
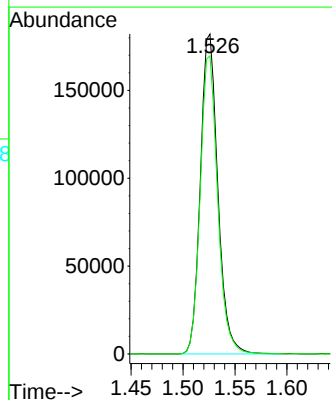
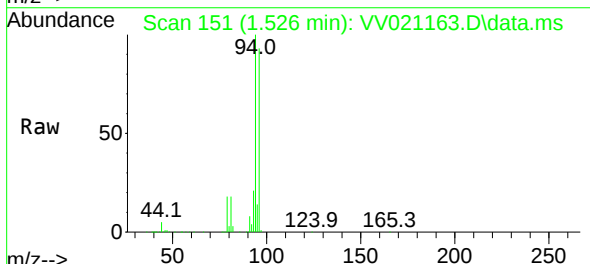
Instrument :
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 ClientSampled :

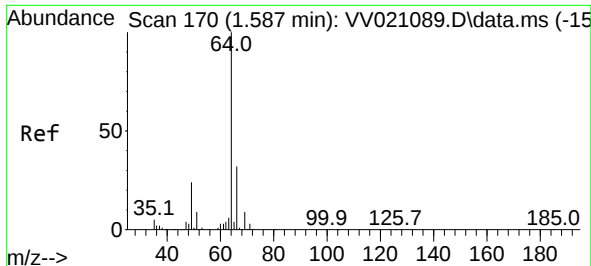
Tgt Ion: 62 Resp: 302379
 Ion Ratio Lower Upper
 62 100
 64 33.8 23.2 43.2



#6
 Bromomethane
 Concen: 50.43 ug/L
 RT: 1.526 min Scan# 151
 Delta R.T. 0.000 min
 Lab File: VV021163.D
 Acq: 27 Apr 2021 10:05

Tgt Ion: 94 Resp: 212949
 Ion Ratio Lower Upper
 94 100
 96 93.1 65.7 122.1

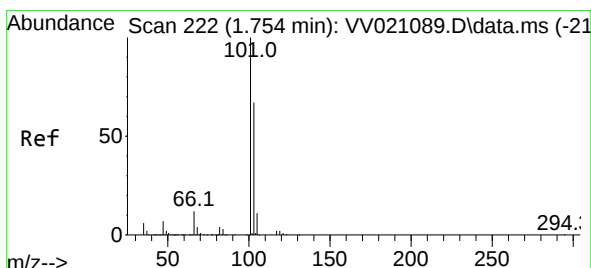
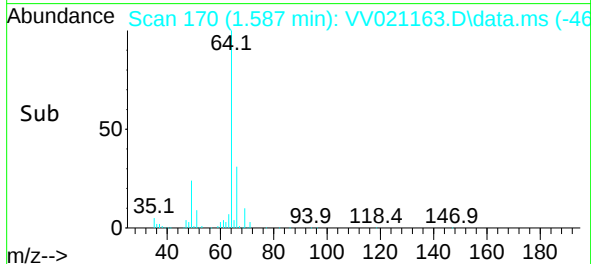
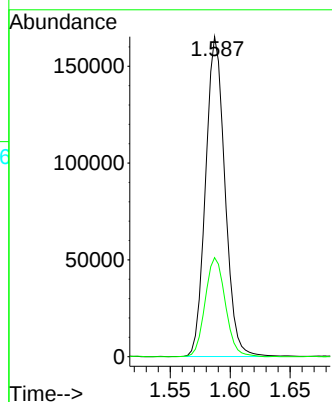
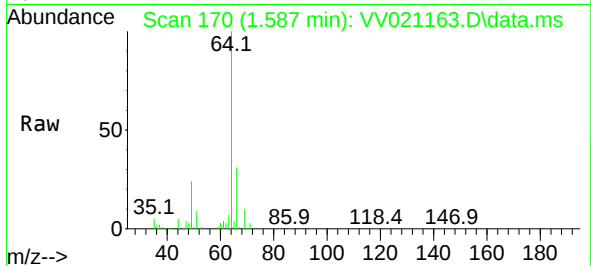




#8
Chloroethane
Concen: 50.16 ug/L
RT: 1.587 min Scan# 170
Delta R.T. 0.000 min
Lab File: VV021163.D
Acq: 27 Apr 2021 10:05

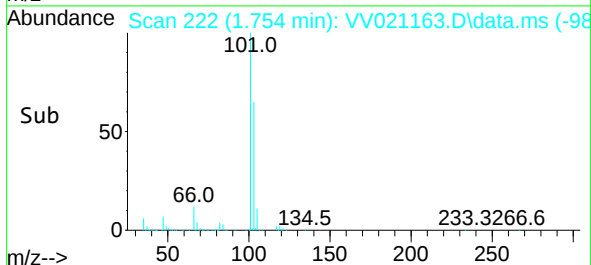
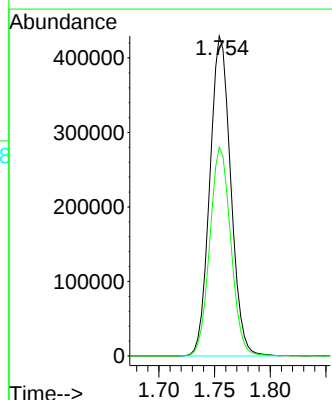
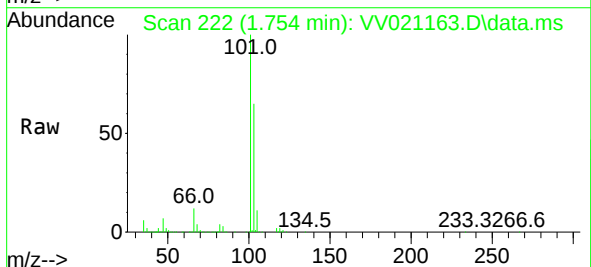
Instrument :
MSVOA_V
ClientSampled :

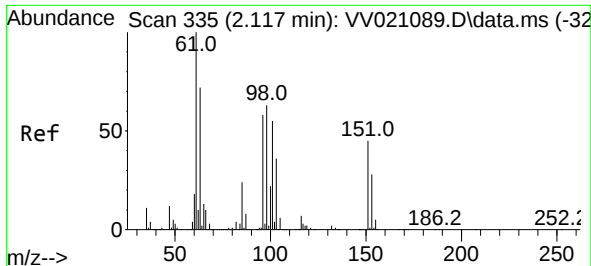
Tgt Ion: 64 Resp: 185482
Ion Ratio Lower Upper
64 100
66 30.9 23.7 43.9



#9
Trichlorofluoromethane
Concen: 50.24 ug/L
RT: 1.754 min Scan# 222
Delta R.T. 0.000 min
Lab File: VV021163.D
Acq: 27 Apr 2021 10:05

Tgt Ion:101 Resp: 561069
Ion Ratio Lower Upper
101 100
103 65.6 53.0 79.6





#10

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

Concen: 50.22 ug/L

RT: 2.118 min Scan# 335

Delta R.T. 0.000 min

Lab File: VV021163.D

Acq: 27 Apr 2021 10:05

Tgt Ion:101 Resp: 278210

Ion Ratio Lower Upper

101 100

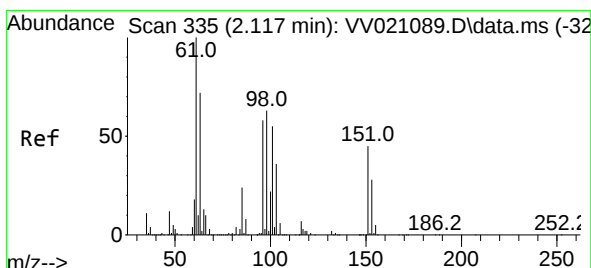
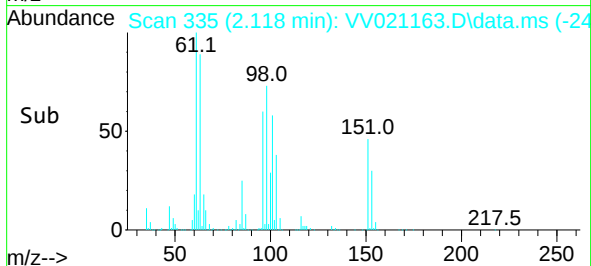
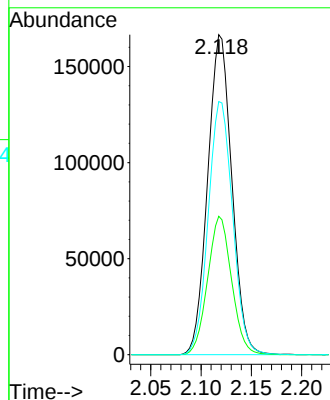
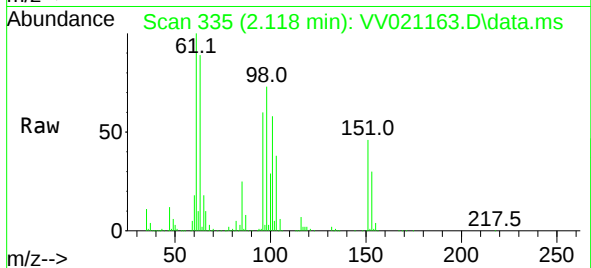
85 42.9 35.4 53.2

151 80.1 63.9 95.9

Instrument :

MSVOA_V

ClientSampleId :



#12

1,1-Dichloroethene

Concen: 50.54 ug/L

RT: 2.121 min Scan# 336

Delta R.T. 0.003 min

Lab File: VV021163.D

Acq: 27 Apr 2021 10:05

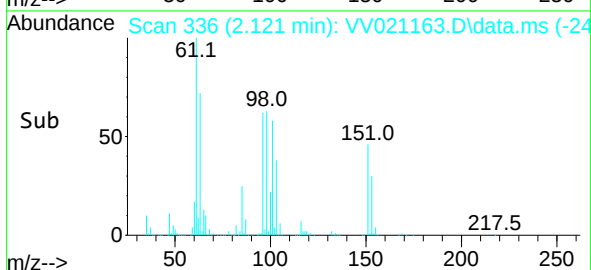
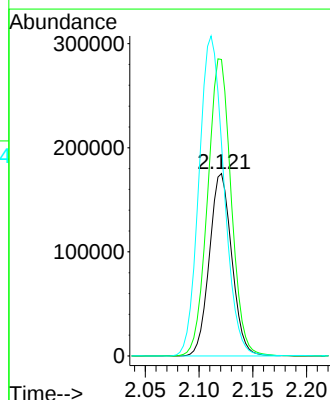
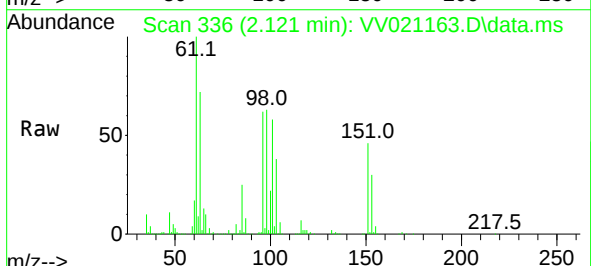
Tgt Ion: 96 Resp: 254202

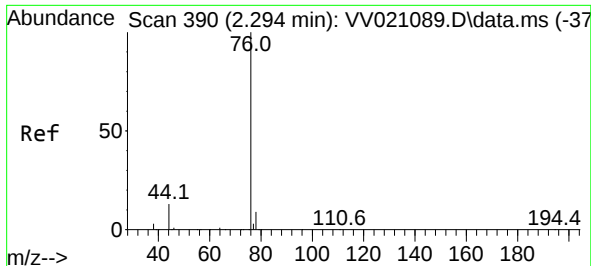
Ion Ratio Lower Upper

96 100

61 162.6 121.4 225.6

63 116.7 98.1 182.1

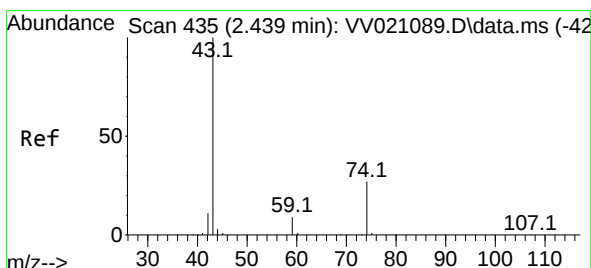
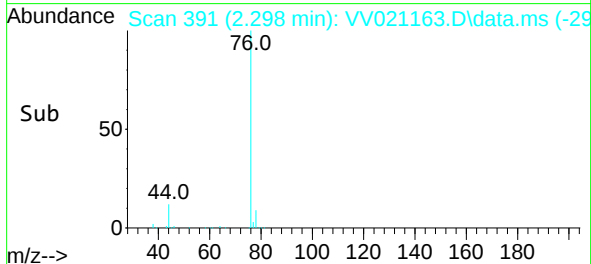
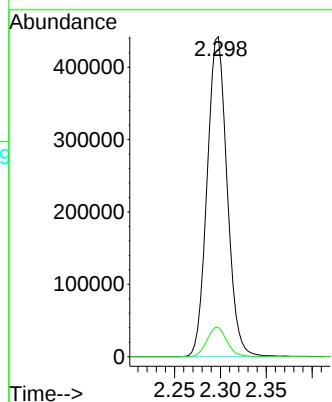
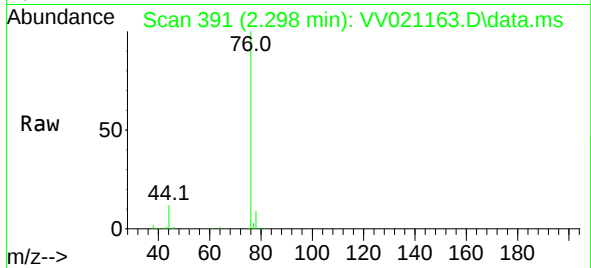




#14
Carbon disulfide
Concen: 48.58 ug/L
RT: 2.298 min Scan# 391
Delta R.T. 0.003 min
Lab File: VV021163.D
Acq: 27 Apr 2021 10:05

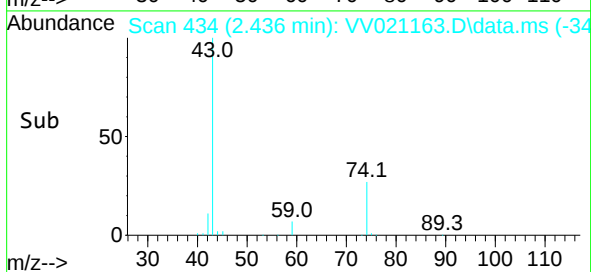
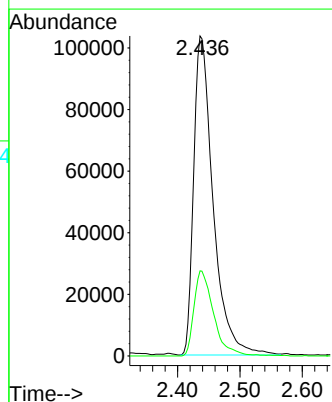
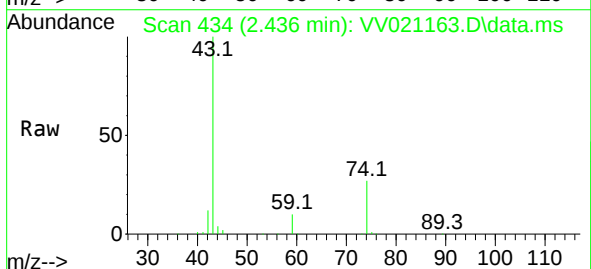
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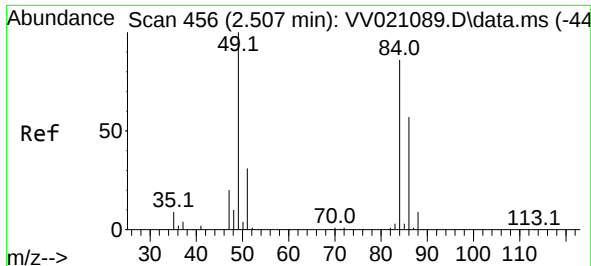
Tgt Ion: 76 Resp: 670315
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.2



#15
Methyl Acetate
Concen: 51.36 ug/L
RT: 2.436 min Scan# 434
Delta R.T. 0.000 min
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Tgt Ion: 43 Resp: 224309
Ion Ratio Lower Upper
43 100
74 26.7 21.2 31.8

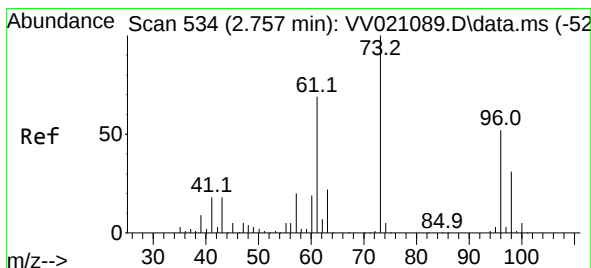
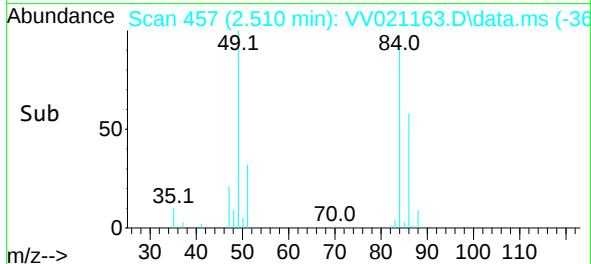
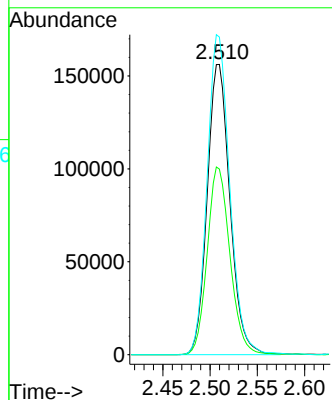
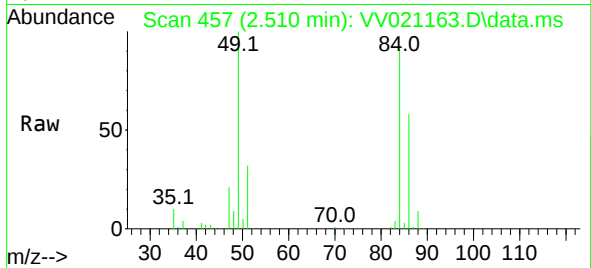




#16
Methylene chloride
Concen: 49.79 ug/L
RT: 2.510 min Scan# 457
Delta R.T. 0.000 min
Lab File: VV021163.D
Acq: 27 Apr 2021 10:05

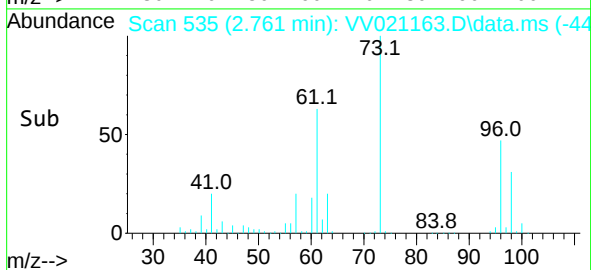
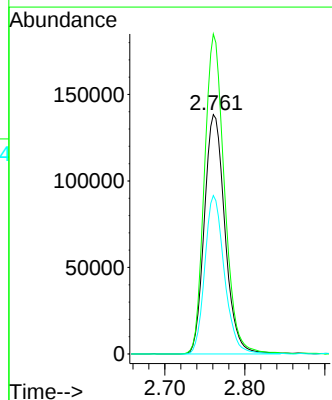
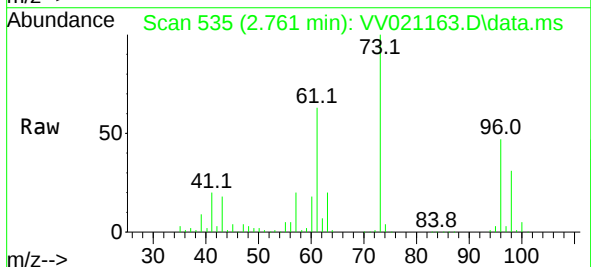
Instrument :
MSVOA_V
ClientSampled :

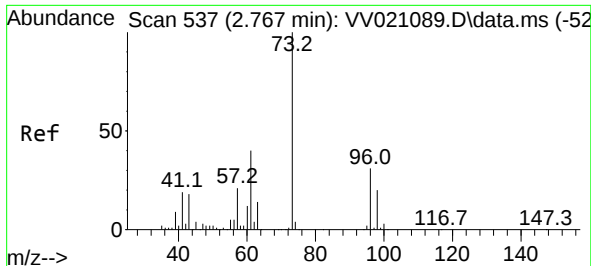
Tgt Ion: 84 Resp: 261173
Ion Ratio Lower Upper
84 100
86 64.0 44.9 83.5
49 109.4 78.1 145.1



#17
trans-1,2-Dichloroethene
Concen: 51.34 ug/L
RT: 2.761 min Scan# 535
Delta R.T. 0.000 min
Lab File: VV021163.D
Acq: 27 Apr 2021 10:05

Tgt Ion: 96 Resp: 248101
Ion Ratio Lower Upper
96 100
61 133.7 89.3 165.9
98 66.1 44.1 81.9

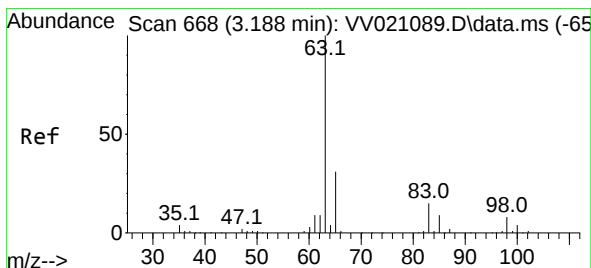
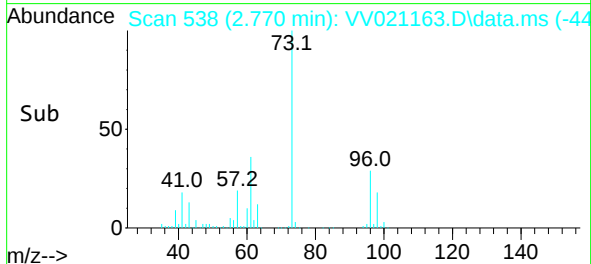
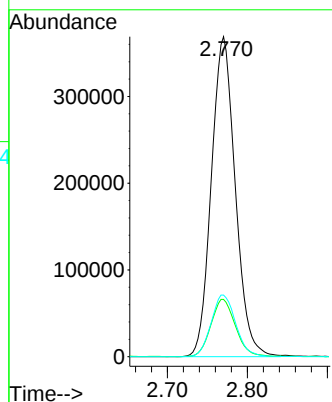
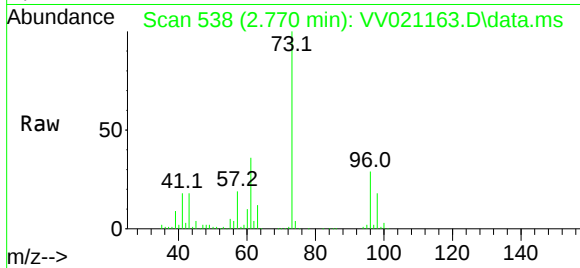




#18
Methyl tert-butyl Ether
Concen: 51.67 ug/L
RT: 2.770 min Scan# 538
Delta R.T. 0.000 min
Lab File: VV021163.D
Acq: 27 Apr 2021 10:05

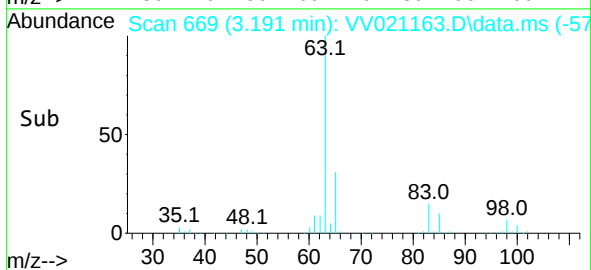
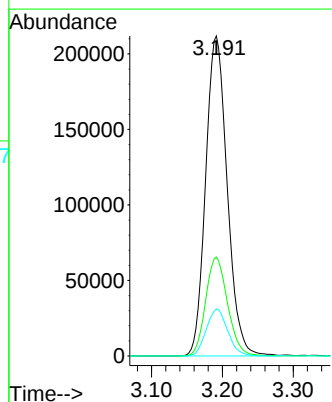
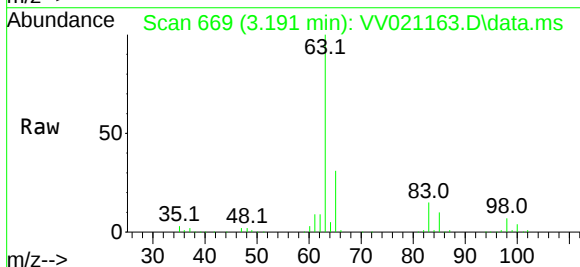
Instrument :
MSVOA_V
ClientSampleId :

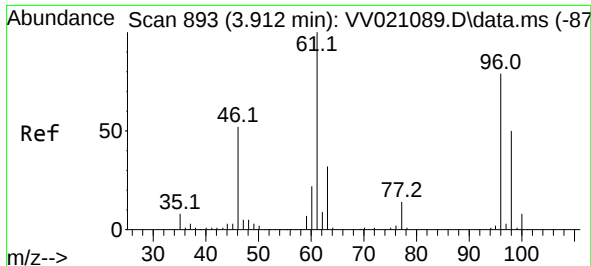
Tgt Ion: 73 Resp: 766482
Ion Ratio Lower Upper
73 100
43 18.5 14.7 22.1
57 19.8 15.9 23.9



#19
1,1-Dichloroethane
Concen: 51.34 ug/L
RT: 3.191 min Scan# 669
Delta R.T. 0.003 min
Lab File: VV021163.D
Acq: 27 Apr 2021 10:05

Tgt Ion: 63 Resp: 447720
Ion Ratio Lower Upper
63 100
65 30.9 21.9 40.7
83 14.7 10.6 19.6

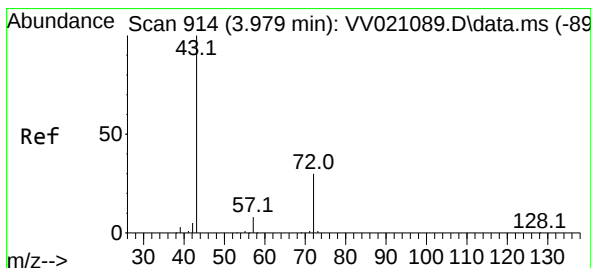
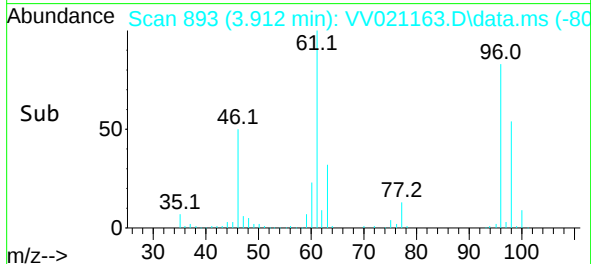
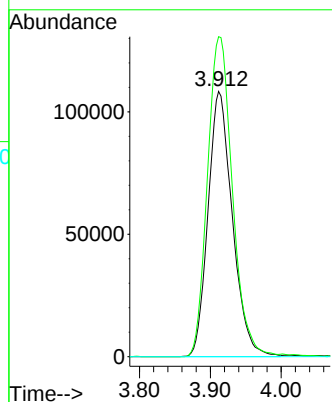
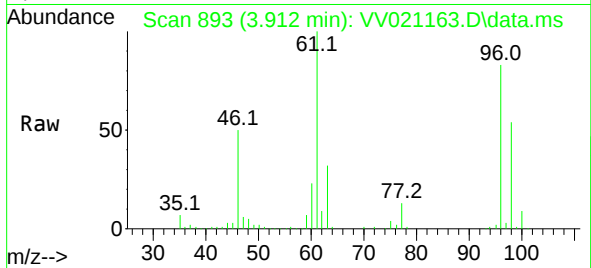




#20
cis-1,2-Dichloroethene
Concen: 50.12 ug/L
RT: 3.912 min Scan# 893
Delta R.T. 0.000 min
Lab File: VV021163.D
Acq: 27 Apr 2021 10:05

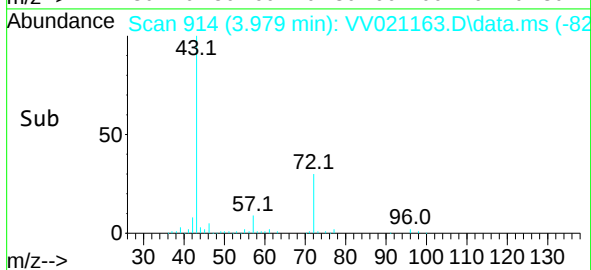
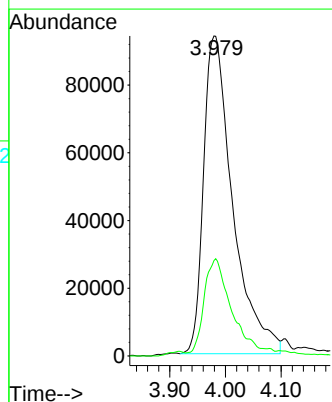
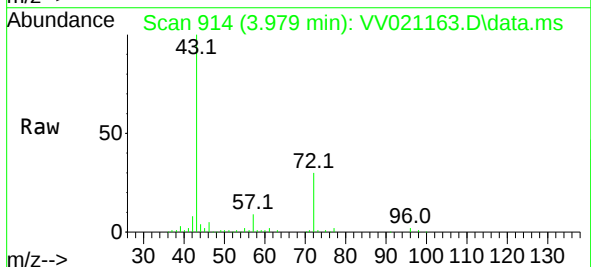
Instrument :
MSVOA_V
ClientSampleId :

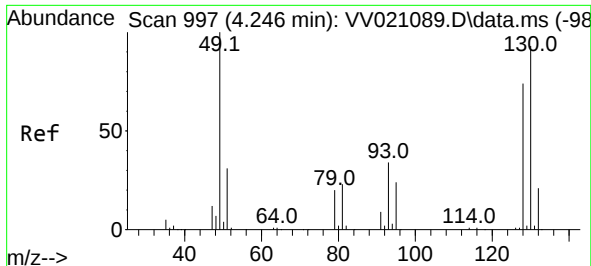
Tgt Ion: 96 Resp: 258512
Ion Ratio Lower Upper
96 100
61 120.6 84.4 156.7
68 0.0 0.0 0.0



#22
2-Butanone
Concen: 111.89 ug/L
RT: 3.979 min Scan# 914
Delta R.T. 0.000 min
Lab File: VV021163.D
Acq: 27 Apr 2021 10:05

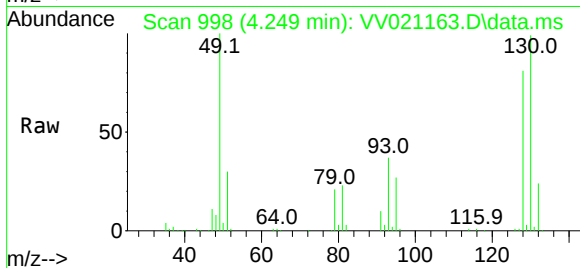
Tgt Ion: 43 Resp: 342190
Ion Ratio Lower Upper
43 100
72 25.3 13.2 39.6



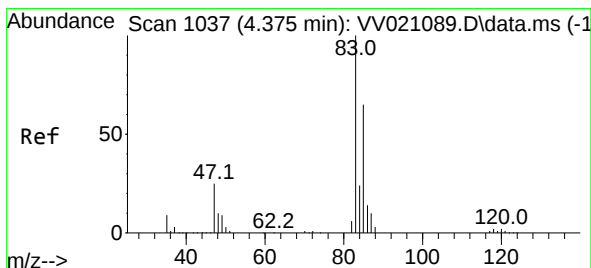
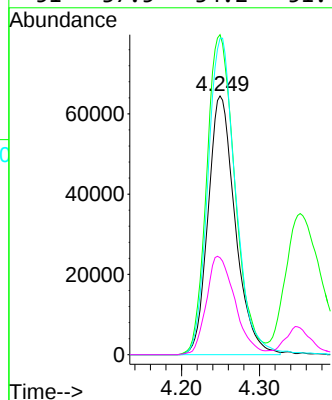
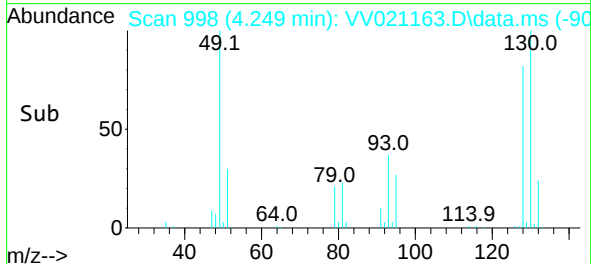


#23
Bromochloromethane
Concen: 52.41 ug/L
RT: 4.249 min Scan# 998
Delta R.T. 0.003 min
Lab File: VV021163.D
Acq: 27 Apr 2021 10:05

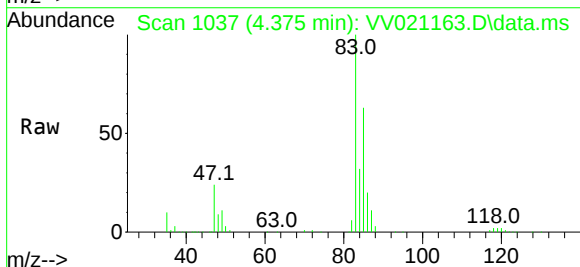
Instrument :
MSVOA_V
ClientSampleId :



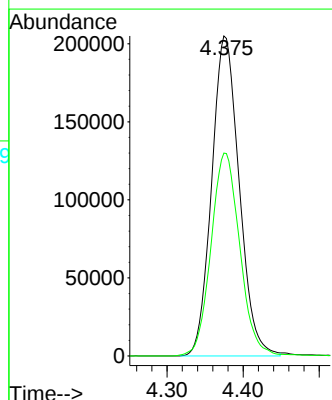
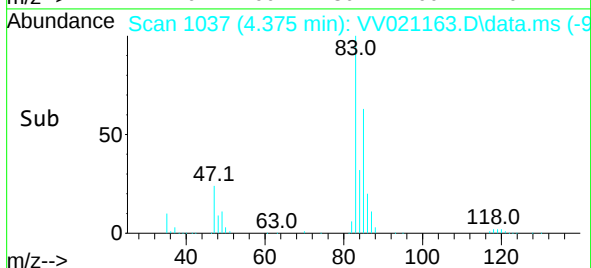
Tgt Ion:128 Resp: 155790
Ion Ratio Lower Upper
128 100
49 123.7 91.3 169.6
130 122.3 86.8 161.2
51 37.5 34.2 51.4

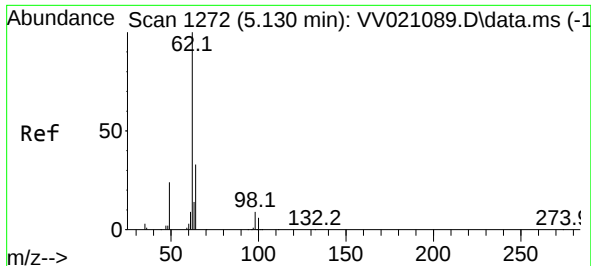


#25
Chloroform
Concen: 52.51 ug/L
RT: 4.375 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VV021163.D
Acq: 27 Apr 2021 10:05



Tgt Ion: 83 Resp: 515368
Ion Ratio Lower Upper
83 100
85 63.4 45.6 84.6

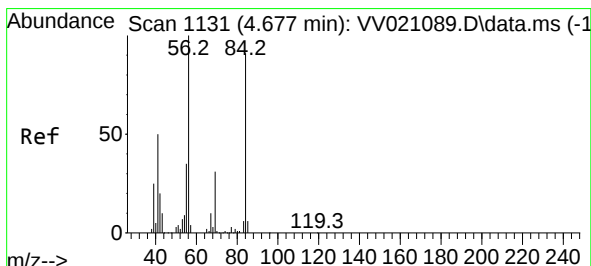
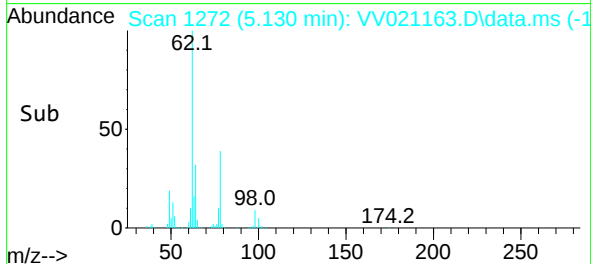
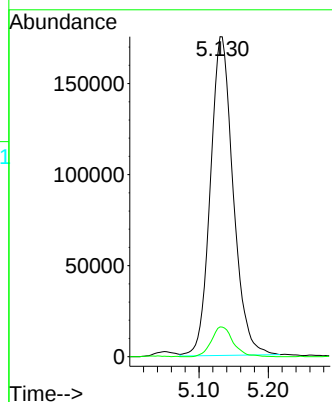
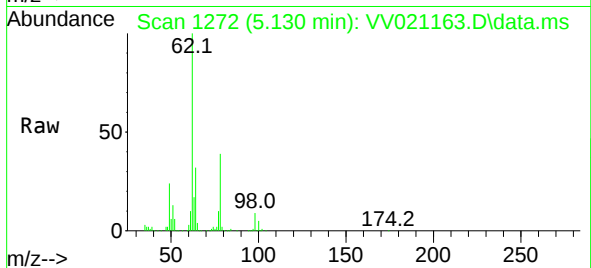




#27
1,2-Dichloroethane
Concen: 51.21 ug/L
RT: 5.130 min Scan# 1272
Delta R.T. 0.000 min
Lab File: VV021163.D
Acq: 27 Apr 2021 10:05

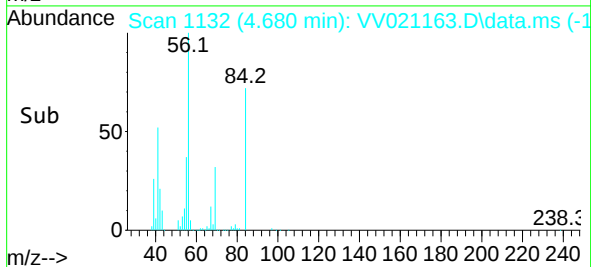
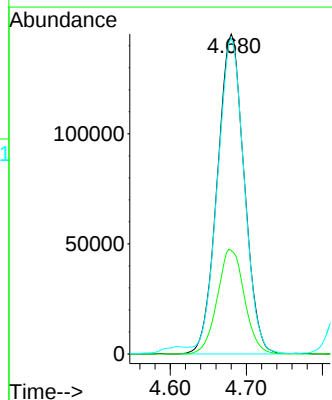
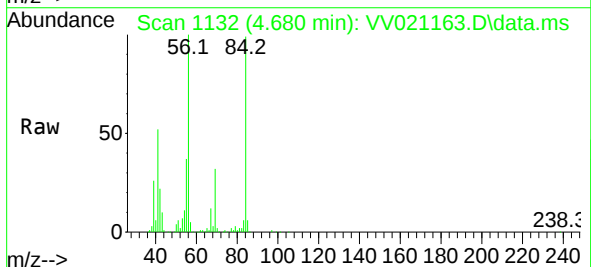
Instrument :
MSVOA_V
ClientSampled :

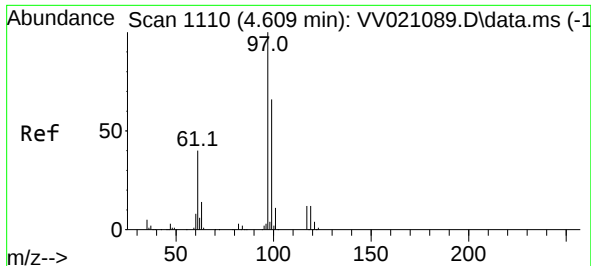
Tgt Ion: 62 Resp: 400206
Ion Ratio Lower Upper
62 100
98 9.3 6.7 10.1



#29
Cyclohexane
Concen: 50.88 ug/L
RT: 4.680 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VV021163.D
Acq: 27 Apr 2021 10:05

Tgt Ion: 56 Resp: 356265
Ion Ratio Lower Upper
56 100
69 33.0 25.7 38.5
84 98.0 75.7 113.5

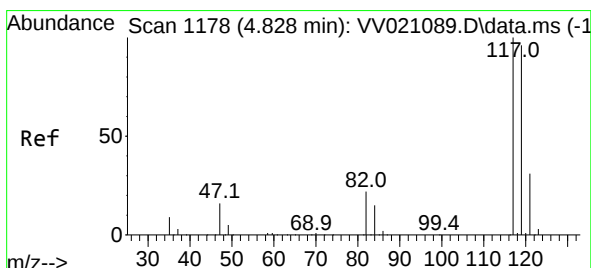
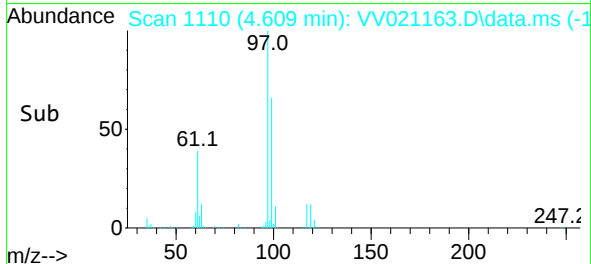
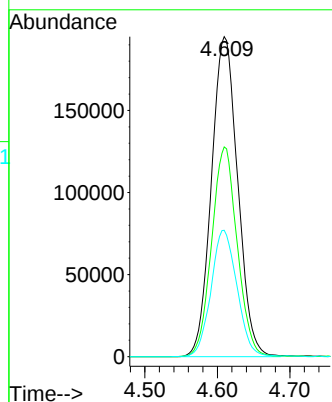
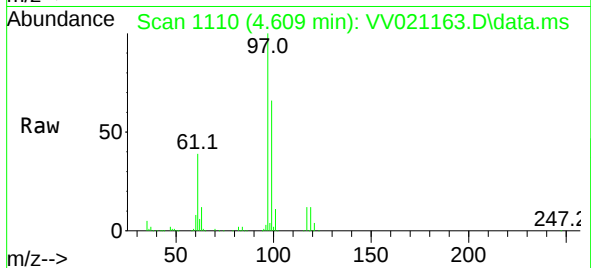




#30
1,1,1-Trichloroethane
Concen: 53.31 ug/L
RT: 4.609 min Scan# 1110
Delta R.T. 0.000 min
Lab File: VV021163.D
Acq: 27 Apr 2021 10:05

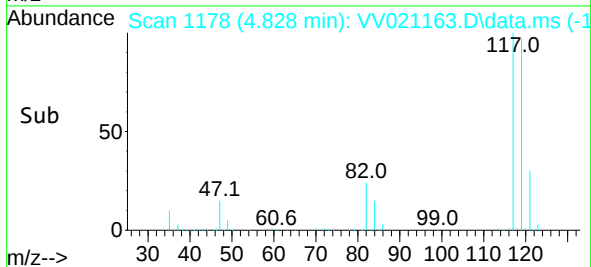
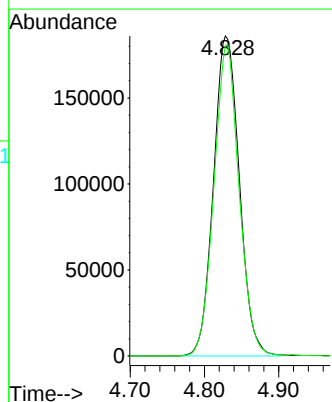
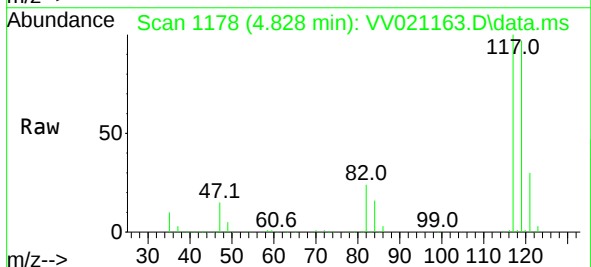
Instrument :
MSVOA_V
ClientSampled :

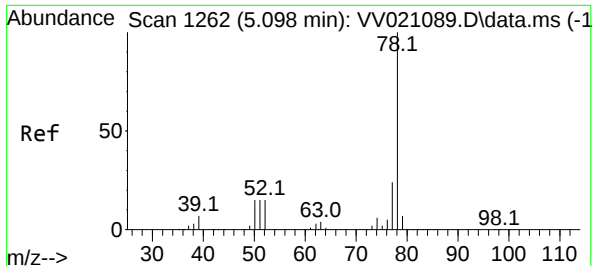
Tgt Ion: 97 Resp: 491332
Ion Ratio Lower Upper
97 100
99 63.7 51.6 77.4
61 39.1 32.1 48.1



#31
Carbon tetrachloride
Concen: 52.79 ug/L
RT: 4.828 min Scan# 1178
Delta R.T. 0.000 min
Lab File: VV021163.D
Acq: 27 Apr 2021 10:05

Tgt Ion: 117 Resp: 449402
Ion Ratio Lower Upper
117 100
119 94.9 75.4 113.2

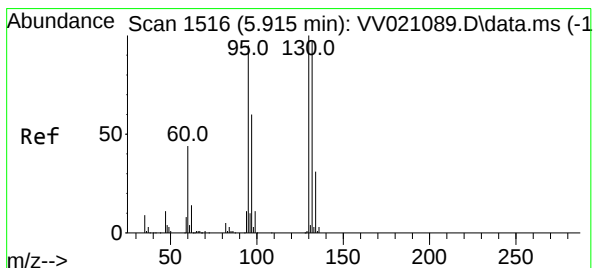
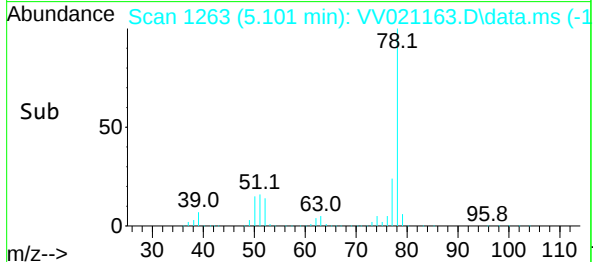
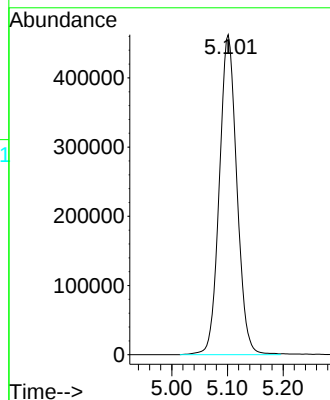
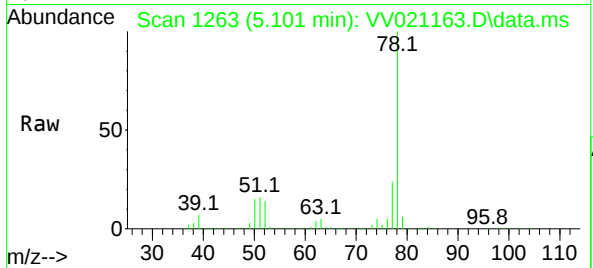




#33
Benzene
Concen: 52.72 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.000 min
Lab File: VV021163.D
Acq: 27 Apr 2021 10:05

Instrument :
MSVOA_V
ClientSampled :

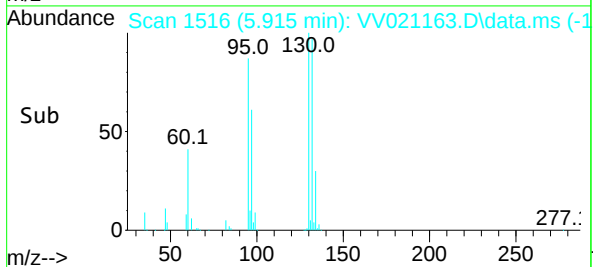
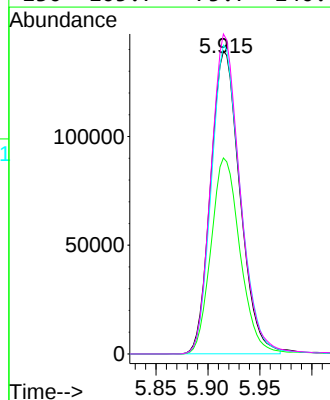
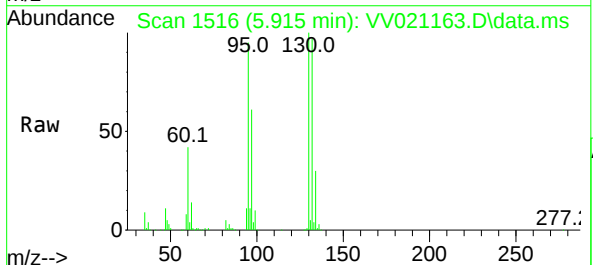
Tgt Ion: 78 Resp: 1011252

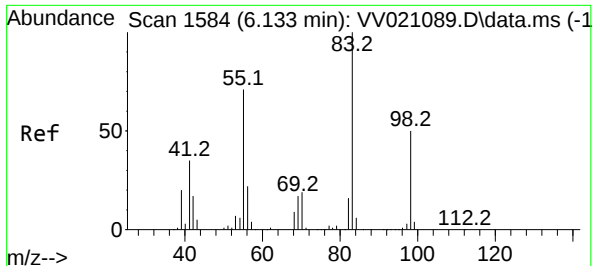


#34
Trichloroethene
Concen: 51.34 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VV021163.D
Acq: 27 Apr 2021 10:05

Tgt Ion: 95 Resp: 272511

Ion	Ratio	Lower	Upper
95	100		
97	64.7	45.5	84.5
132	102.0	71.0	131.8
130	105.7	75.7	140.7

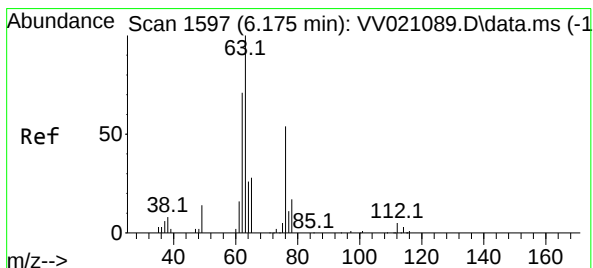
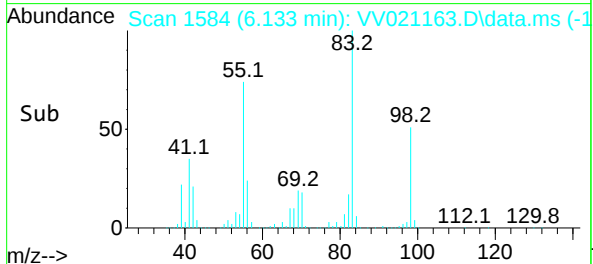
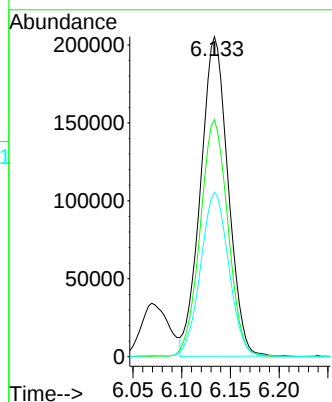
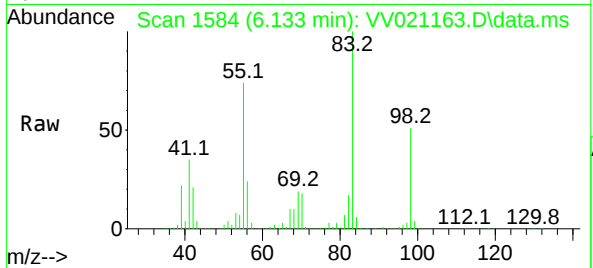




#35
Methylcyclohexane
Concen: 50.42 ug/L
RT: 6.133 min Scan# 1584
Delta R.T. 0.000 min
Lab File: VV021163.D
Acq: 27 Apr 2021 10:05

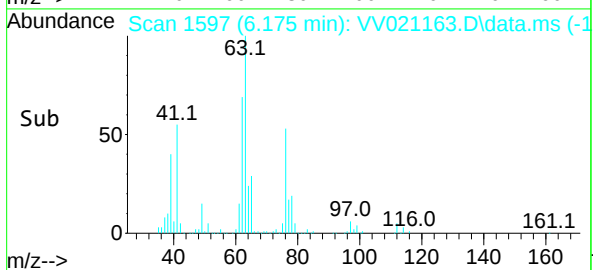
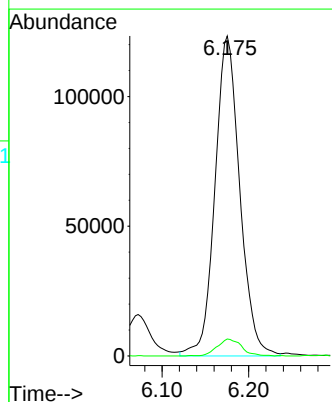
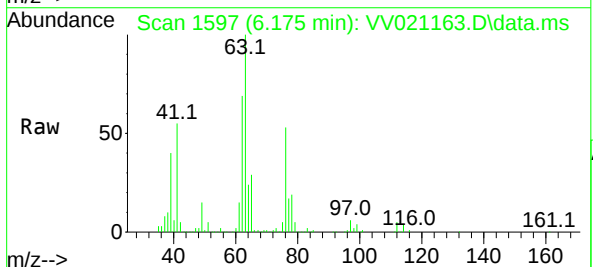
Instrument :
MSVOA_V
ClientSampled :

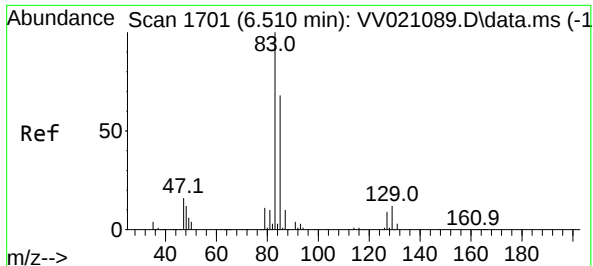
Tgt Ion: 83 Resp: 402199
Ion Ratio Lower Upper
83 100
55 74.6 58.2 87.2
98 53.2 40.6 60.8



#37
1,2-Dichloropropane
Concen: 52.10 ug/L
RT: 6.175 min Scan# 1597
Delta R.T. 0.000 min
Lab File: VV021163.D
Acq: 27 Apr 2021 10:05

Tgt Ion: 63 Resp: 245445
Ion Ratio Lower Upper
63 100
112 5.2 3.9 5.9

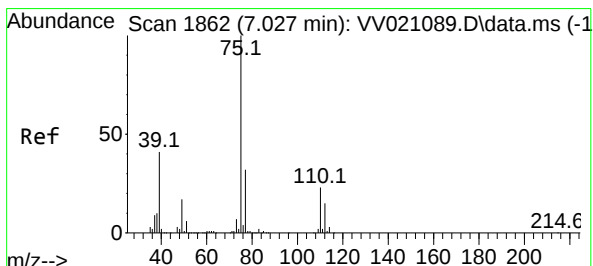
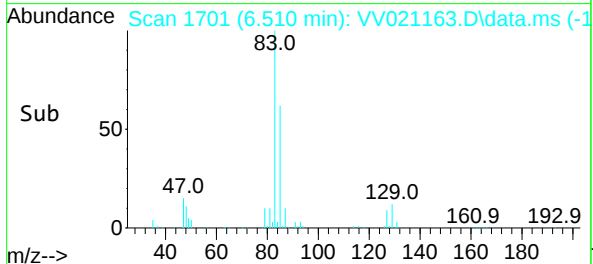
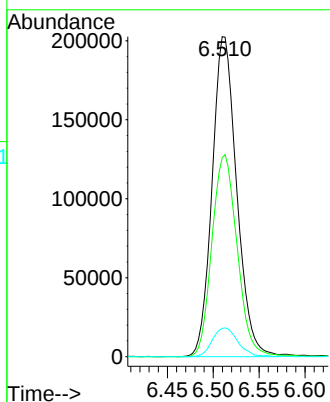
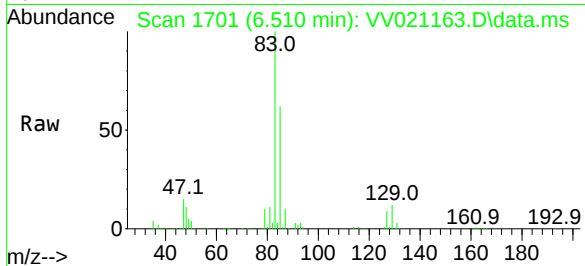




#38
Bromodichloromethane
Concen: 51.50 ug/L
RT: 6.510 min Scan# 1701
Delta R.T. -0.003 min
Lab File: VV021163.D
Acq: 27 Apr 2021 10:05

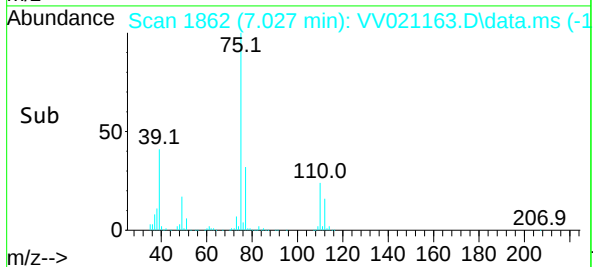
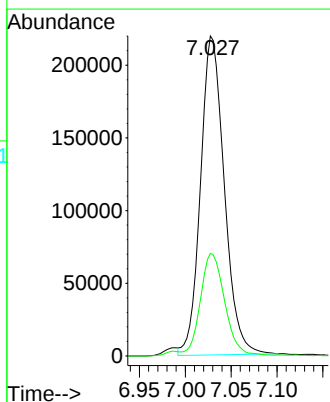
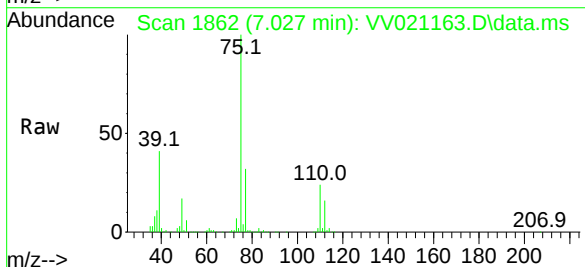
Instrument :
MSVOA_V
ClientSampled :

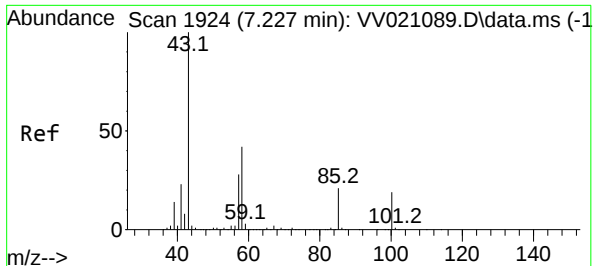
Tgt Ion: 83 Resp: 378135
Ion Ratio Lower Upper
83 100
85 62.2 46.2 85.8
127 8.9 7.4 11.0



#39
cis-1,3-Dichloropropene
Concen: 51.53 ug/L
RT: 7.027 min Scan# 1862
Delta R.T. 0.000 min
Lab File: VV021163.D
Acq: 27 Apr 2021 10:05

Tgt Ion: 75 Resp: 395968
Ion Ratio Lower Upper
75 100
77 32.0 21.8 40.6

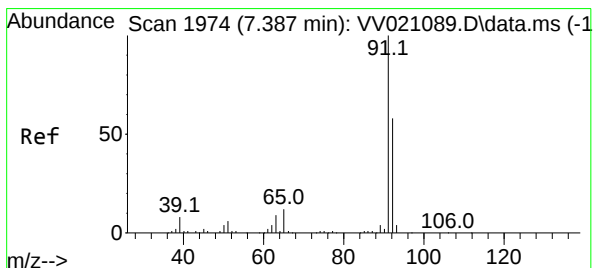
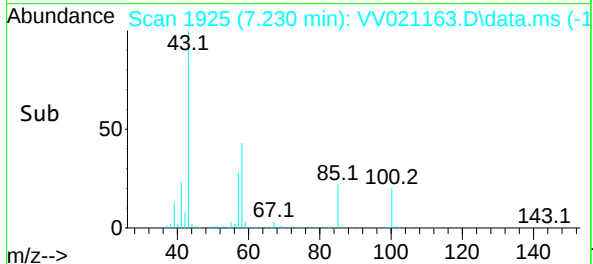
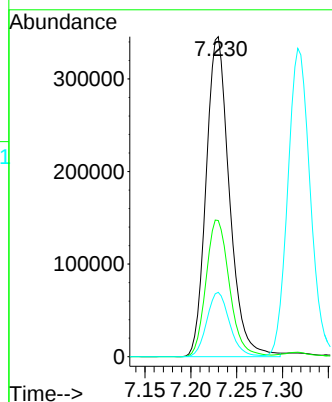
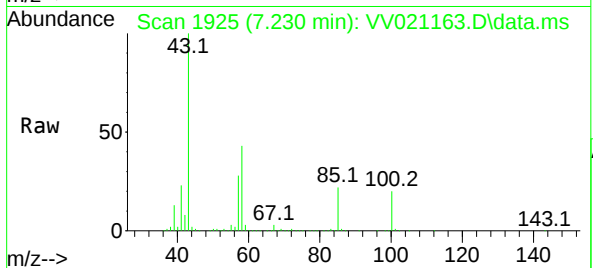




#40
4-Methyl-2-pentanone
Concen: 107.37 ug/L
RT: 7.230 min Scan# 1925
Delta R.T. 0.003 min
Lab File: VV021163.D
Acq: 27 Apr 2021 10:05

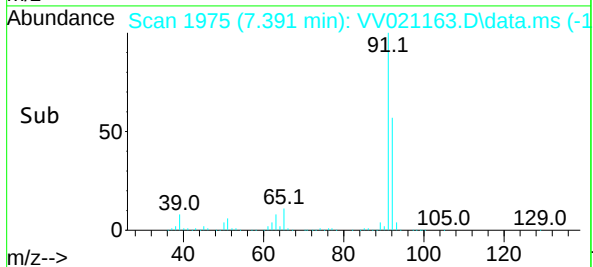
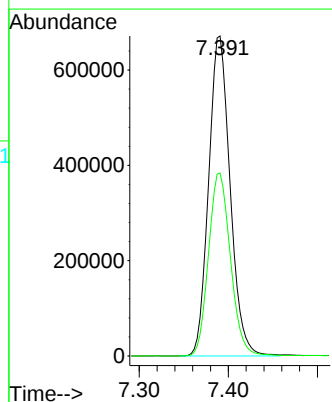
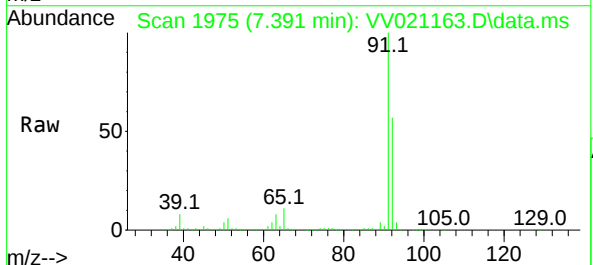
Instrument :
MSVOA_V
ClientSampled :

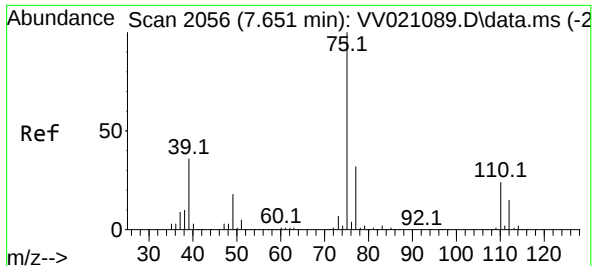
Tgt Ion: 43 Resp: 611442
Ion Ratio Lower Upper
43 100
58 43.0 34.5 51.7
100 19.6 15.2 22.8



#42
Toluene
Concen: 53.31 ug/L
RT: 7.391 min Scan# 1975
Delta R.T. 0.003 min
Lab File: VV021163.D
Acq: 27 Apr 2021 10:05

Tgt Ion: 91 Resp: 1122503
Ion Ratio Lower Upper
91 100
92 57.2 41.0 76.2

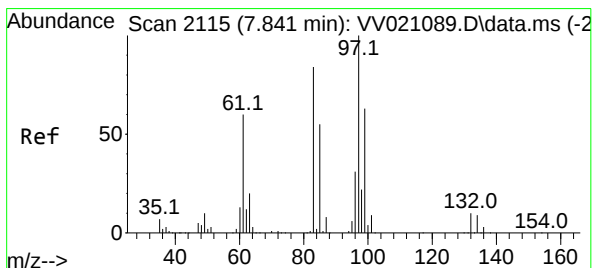
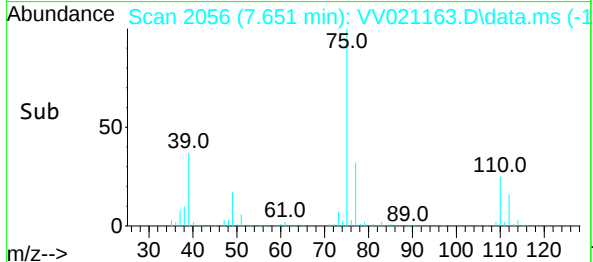
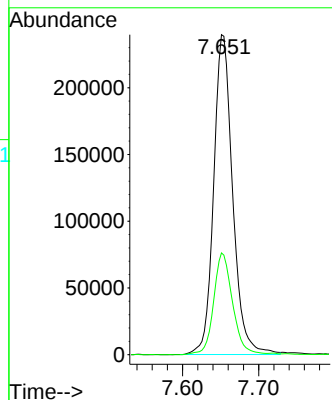
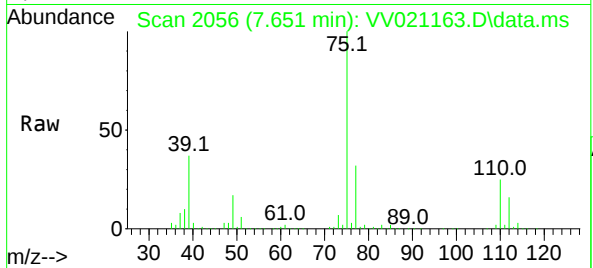




#44
trans-1,3-Dichloropropene
Concen: 52.33 ug/L
RT: 7.651 min Scan# 2056
Delta R.T. 0.000 min
Lab File: VV021163.D
Acq: 27 Apr 2021 10:05

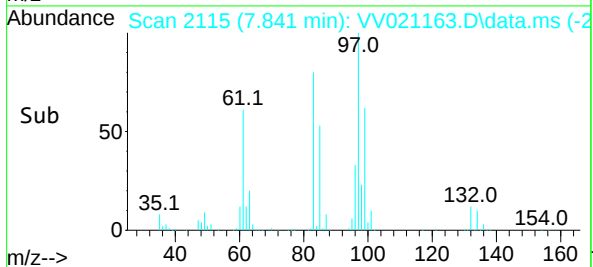
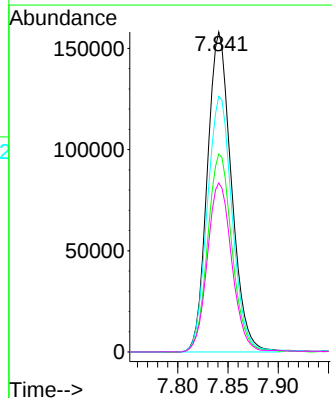
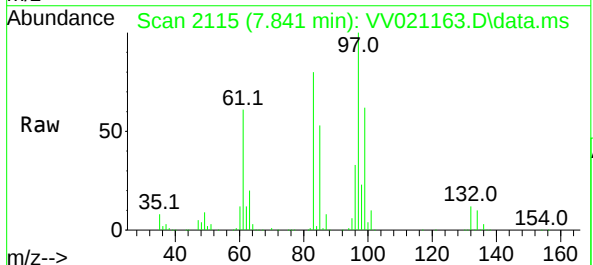
Instrument :
MSVOA_V
ClientSampled :

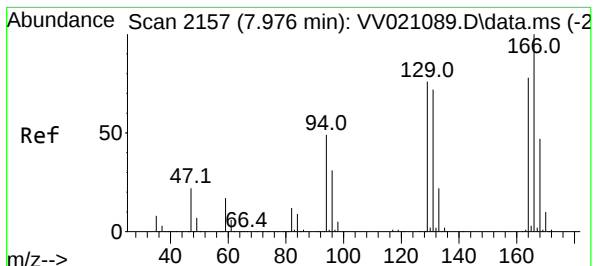
Tgt Ion: 75 Resp: 416099
Ion Ratio Lower Upper
75 100
77 31.8 21.8 40.6



#45
1,1,2-Trichloroethane
Concen: 51.48 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. 0.000 min
Lab File: VV021163.D
Acq: 27 Apr 2021 10:05

Tgt Ion: 97 Resp: 263445
Ion Ratio Lower Upper
97 100
99 61.9 43.7 81.1
83 79.9 59.6 110.6
85 52.8 37.5 69.6





#46

Tetrachloroethene

Concen: 50.17 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. 0.003 min

Lab File: VV021163.D

Acq: 27 Apr 2021 10:05

Tgt Ion:164 Resp: 238195

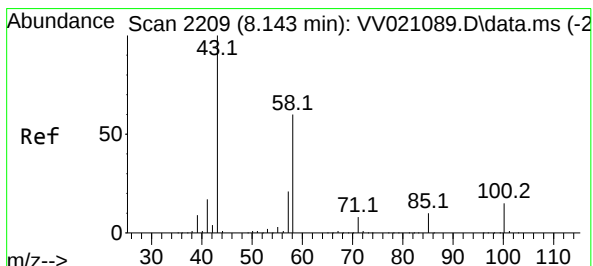
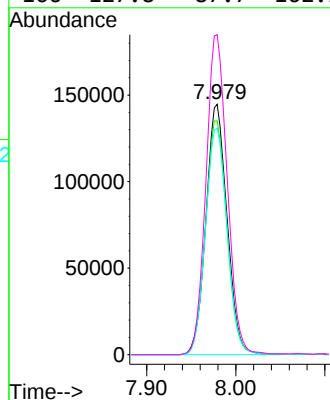
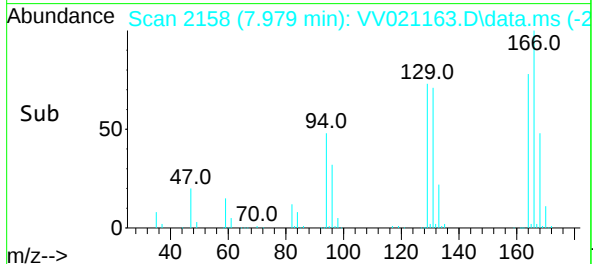
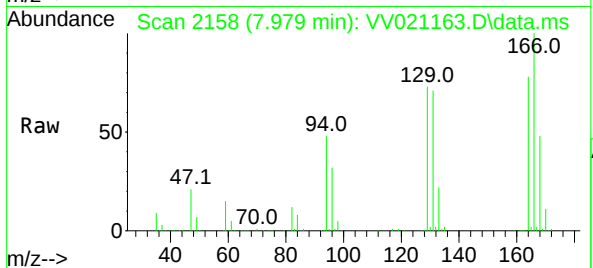
Ion Ratio Lower Upper

164 100

129 93.5 63.8 118.4

131 90.6 59.3 110.1

166 127.8 87.7 162.9



#48

2-Hexanone

Concen: 112.45 ug/L

RT: 8.143 min Scan# 2209

Delta R.T. 0.000 min

Lab File: VV021163.D

Acq: 27 Apr 2021 10:05

Tgt Ion: 43 Resp: 504291

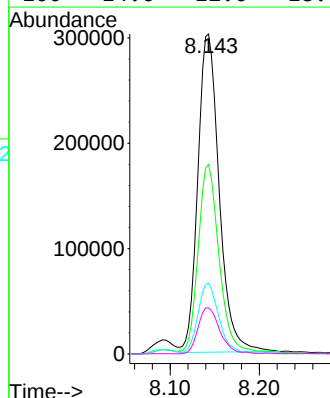
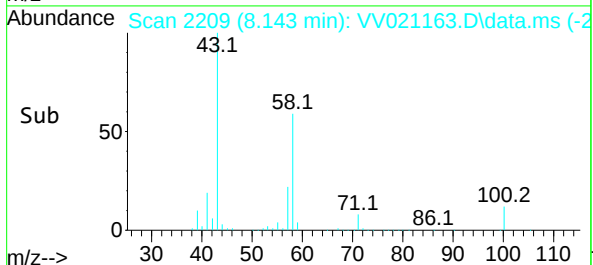
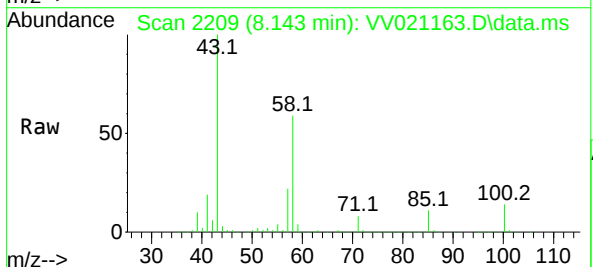
Ion Ratio Lower Upper

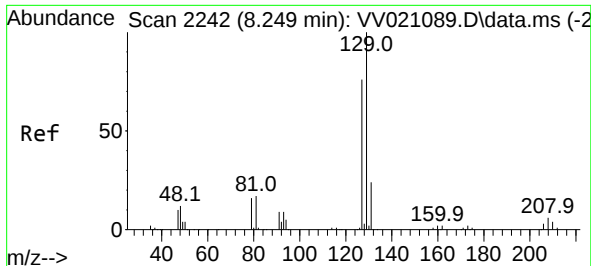
43 100

58 56.6 46.8 70.2

57 22.0 17.6 26.4

100 14.6 12.0 18.0





#49

Dibromochloromethane

Concen: 51.59 ug/L

RT: 8.249 min Scan# 2242

Delta R.T. 0.000 min

Lab File: VV021163.D

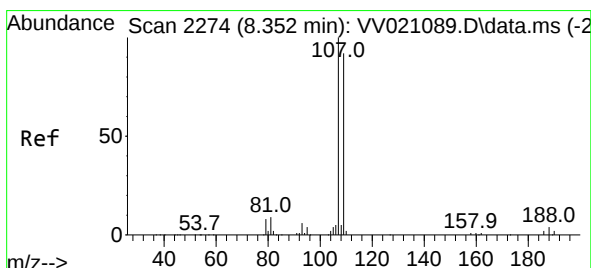
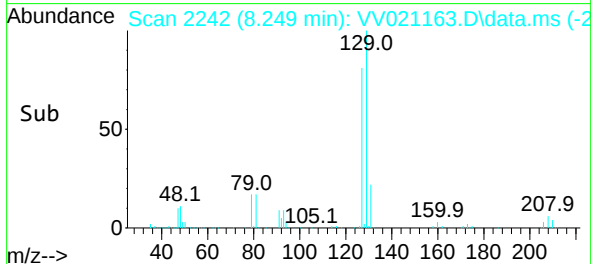
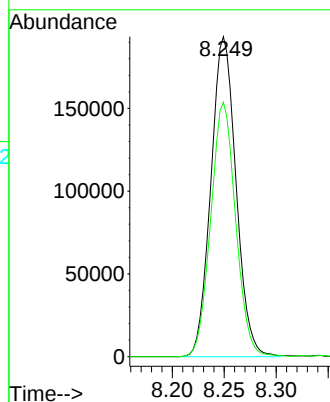
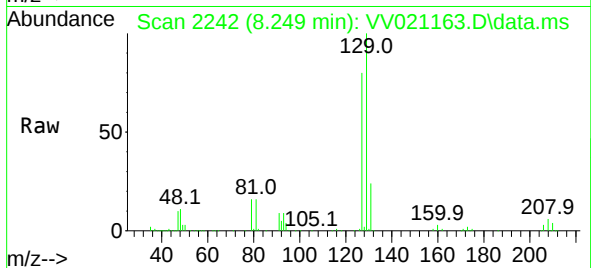
Acq: 27 Apr 2021 10:05

Tgt Ion:129 Resp: 325157

Ion Ratio Lower Upper

129 100

127 79.6 55.2 102.6



#50

1,2-Dibromoethane

Concen: 52.86 ug/L

RT: 8.355 min Scan# 2275

Delta R.T. 0.000 min

Lab File: VV021163.D

Acq: 27 Apr 2021 10:05

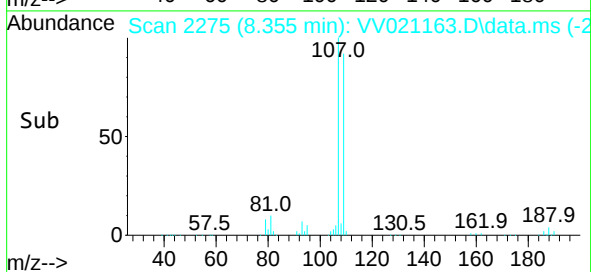
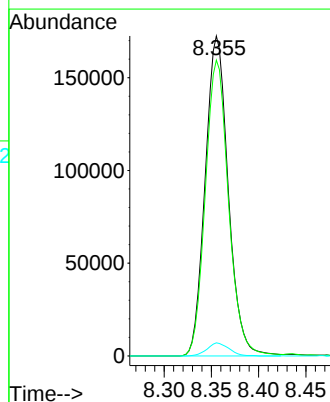
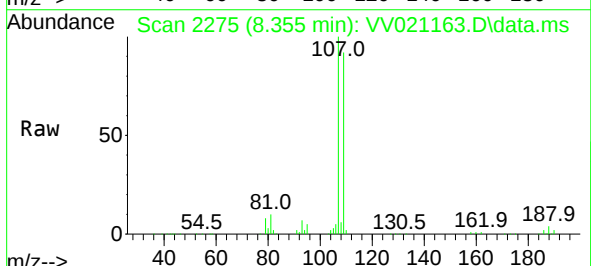
Tgt Ion:107 Resp: 292415

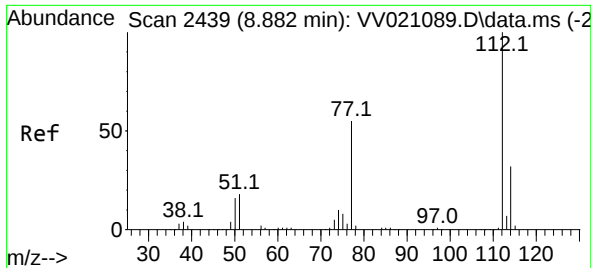
Ion Ratio Lower Upper

107 100

109 92.5 63.8 118.6

188 4.1 3.4 5.0

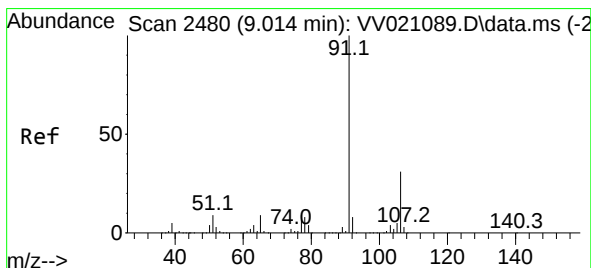
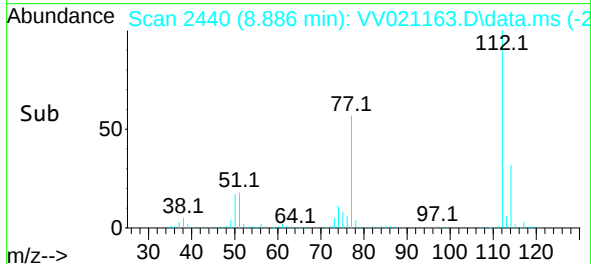
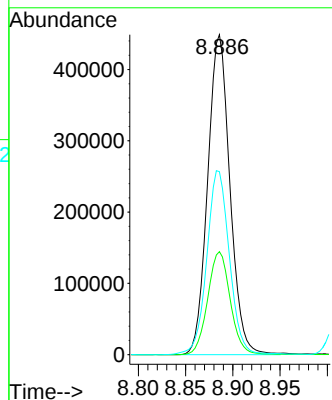
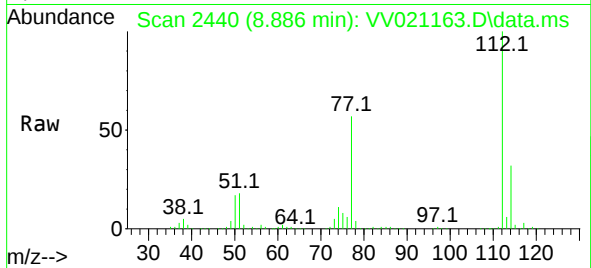




#51
Chlorobenzene
Concen: 50.80 ug/L
RT: 8.886 min Scan# 2440
Delta R.T. 0.003 min
Lab File: VV021163.D
Acq: 27 Apr 2021 10:05

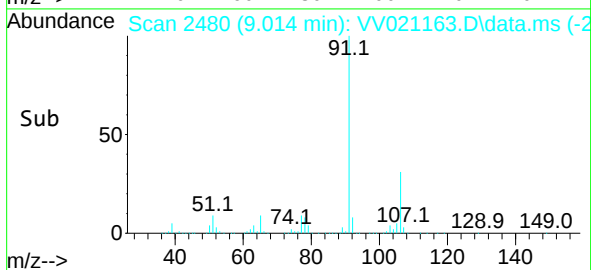
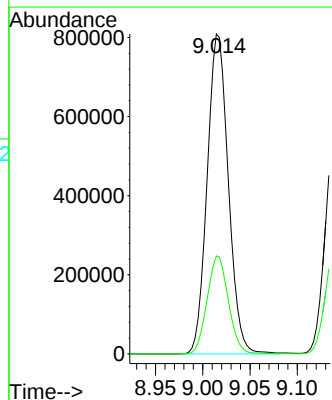
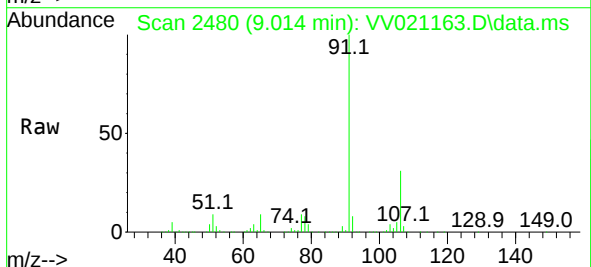
Instrument :
MSVOA_V
ClientSampled :

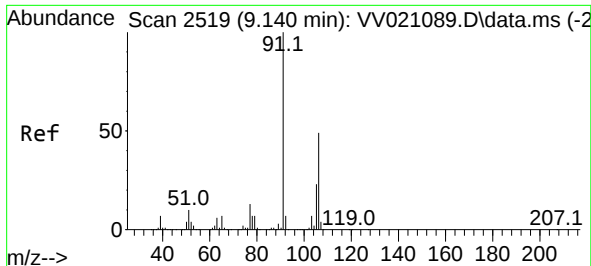
Tgt Ion:112 Resp: 735618
Ion Ratio Lower Upper
112 100
114 32.2 22.8 42.4
77 57.2 44.2 66.2



#52
Ethylbenzene
Concen: 54.02 ug/L
RT: 9.014 min Scan# 2480
Delta R.T. 0.000 min
Lab File: VV021163.D
Acq: 27 Apr 2021 10:05

Tgt Ion: 91 Resp: 1261184
Ion Ratio Lower Upper
91 100
106 30.6 21.8 40.4

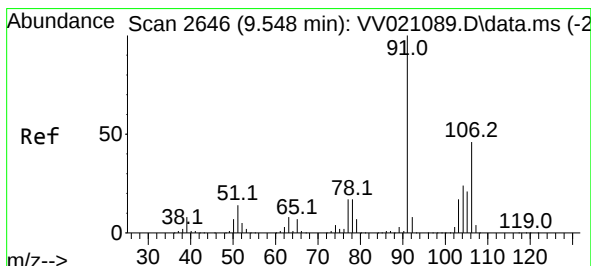
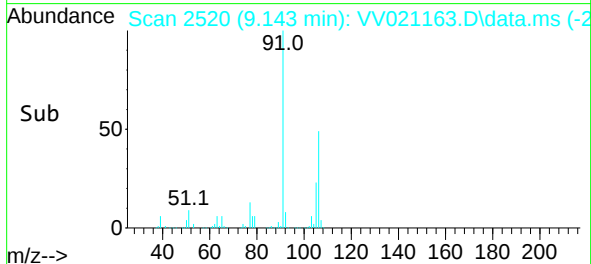
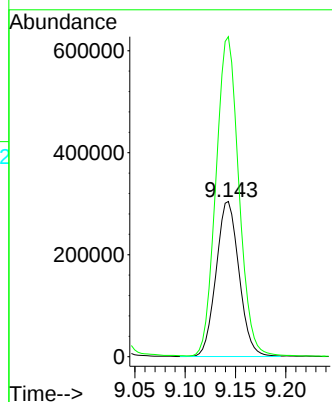
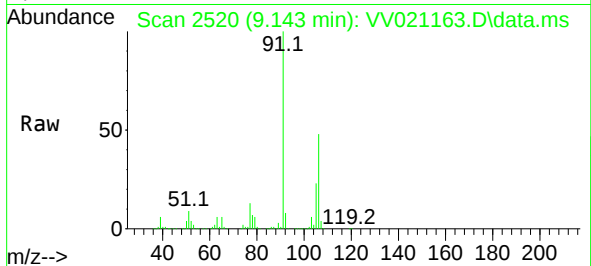




#53
m,p-Xylene
Concen: 54.18 ug/L
RT: 9.143 min Scan# 2520
Delta R.T. 0.003 min
Lab File: VV021163.D
Acq: 27 Apr 2021 10:05

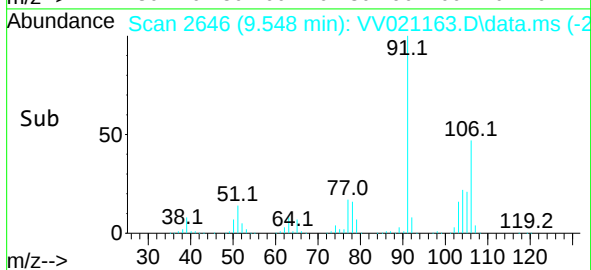
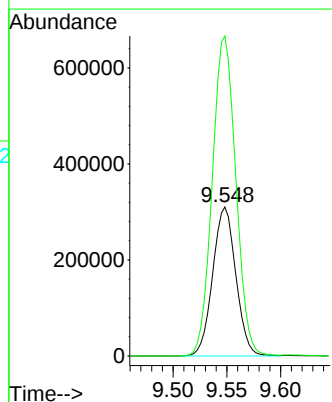
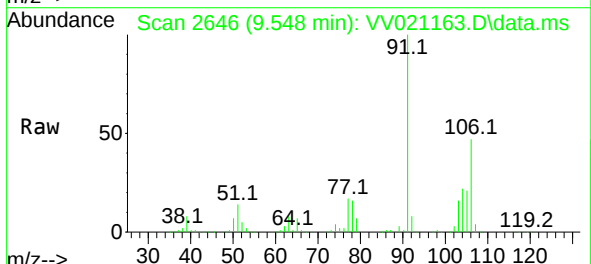
Instrument :
MSVOA_V
ClientSampled :

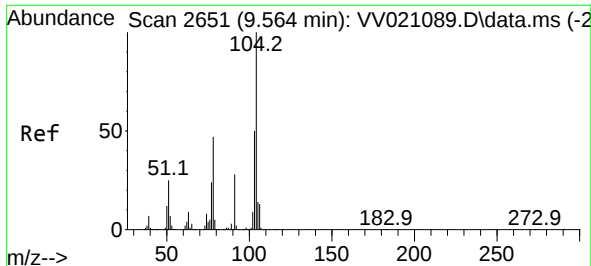
Tgt Ion:106 Resp: 482089
Ion Ratio Lower Upper
106 100
91 206.2 144.3 267.9



#54
o-Xylene
Concen: 53.18 ug/L
RT: 9.548 min Scan# 2646
Delta R.T. 0.000 min
Lab File: VV021163.D
Acq: 27 Apr 2021 10:05

Tgt Ion:106 Resp: 464732
Ion Ratio Lower Upper
106 100
91 214.9 150.4 279.4

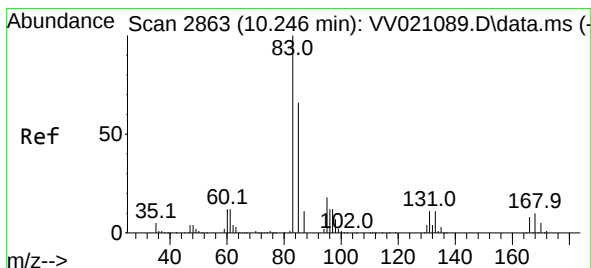
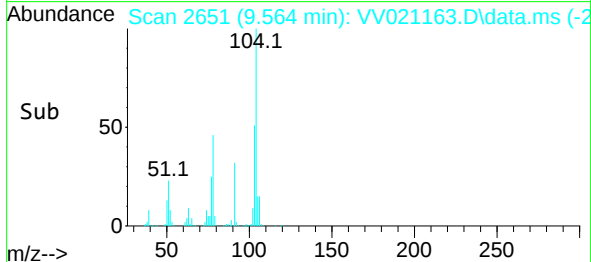
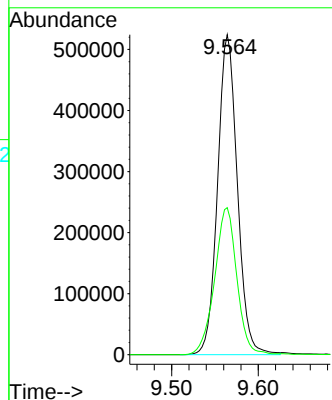
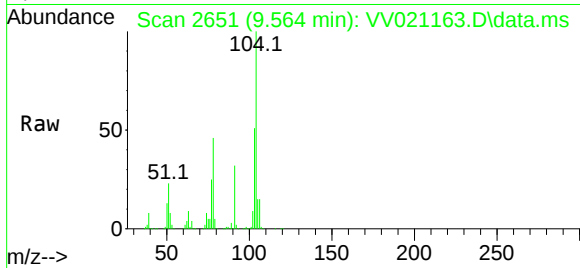




#55
Styrene
Concen: 56.34 ug/L
RT: 9.564 min Scan# 2651
Delta R.T. 0.000 min
Lab File: VV021163.D
Acq: 27 Apr 2021 10:05

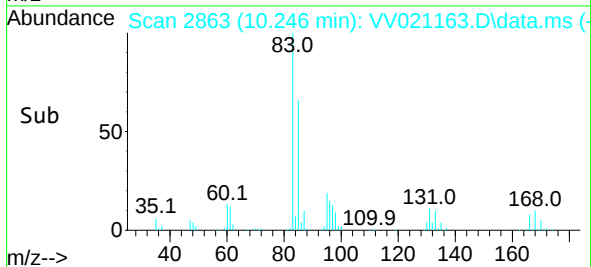
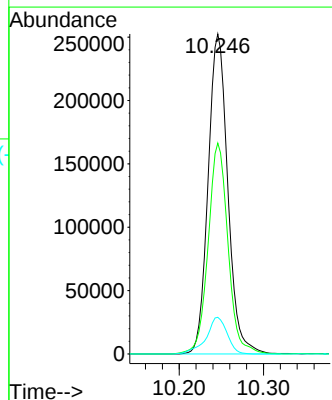
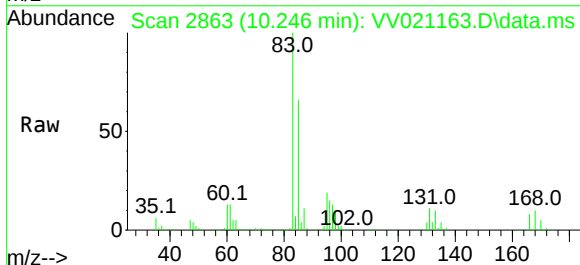
Instrument :
MSVOA_V
ClientSampled :

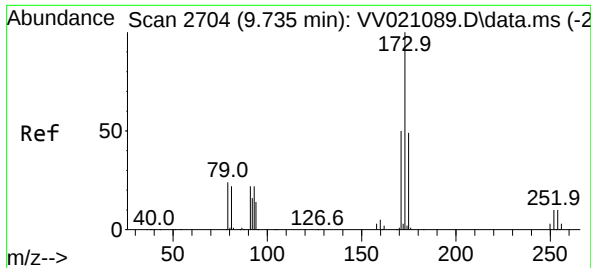
Tgt Ion:104 Resp: 831757
Ion Ratio Lower Upper
104 100
78 46.0 32.4 60.2



#57
1,1,2,2-Tetrachloroethane
Concen: 50.45 ug/L
RT: 10.246 min Scan# 2863
Delta R.T. 0.000 min
Lab File: VV021163.D
Acq: 27 Apr 2021 10:05

Tgt Ion: 83 Resp: 410323
Ion Ratio Lower Upper
83 100
85 65.9 45.8 85.0
131 11.4 8.8 13.2

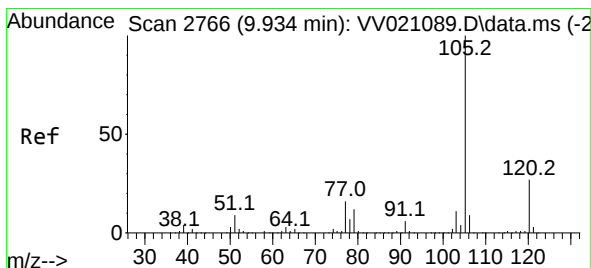
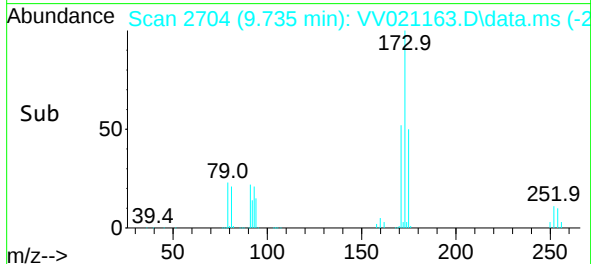
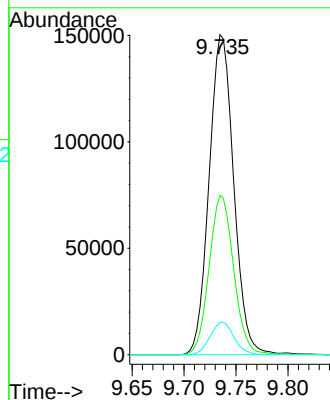
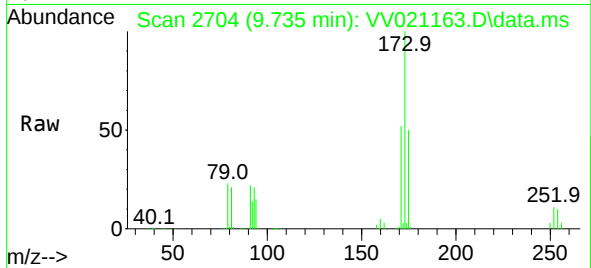




#59
Bromoform
Concen: 49.30 ug/L
RT: 9.735 min Scan# 2704
Delta R.T. 0.000 min
Lab File: VV021163.D
Acq: 27 Apr 2021 10:05

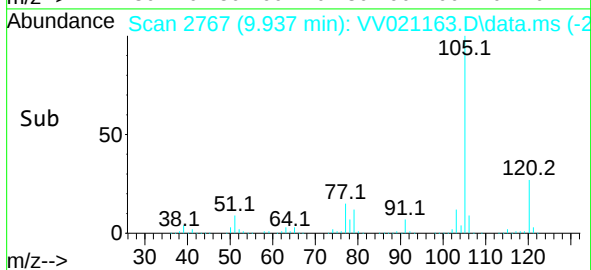
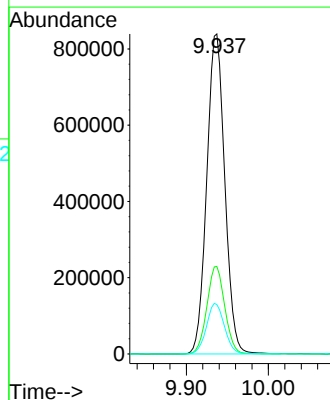
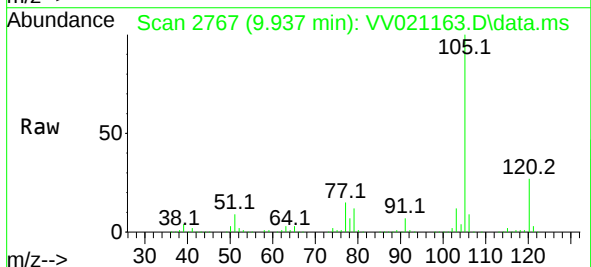
Instrument :
MSVOA_V
ClientSampleId :

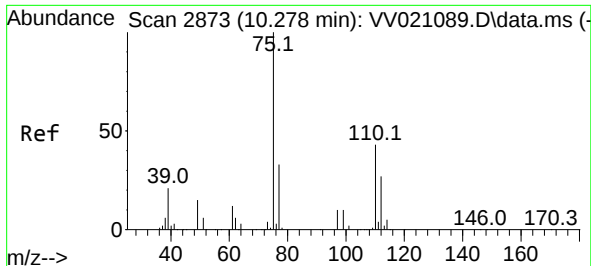
Tgt Ion:173 Resp: 247550
Ion Ratio Lower Upper
173 100
175 49.6 38.9 58.3
254 9.9 8.3 12.5



#60
Isopropylbenzene
Concen: 52.29 ug/L
RT: 9.937 min Scan# 2767
Delta R.T. 0.003 min
Lab File: VV021163.D
Acq: 27 Apr 2021 10:05

Tgt Ion:105 Resp: 1280472
Ion Ratio Lower Upper
105 100
120 27.1 21.8 32.6
77 15.7 12.9 19.3

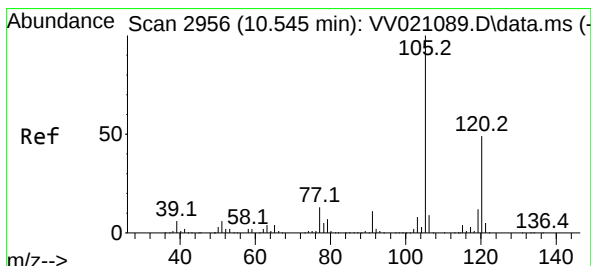
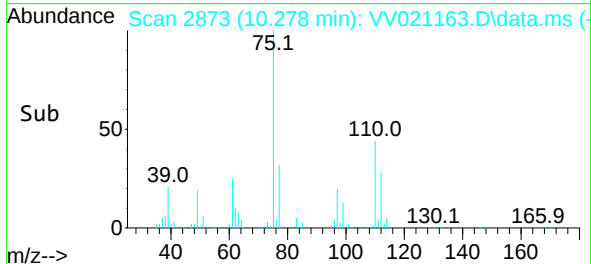
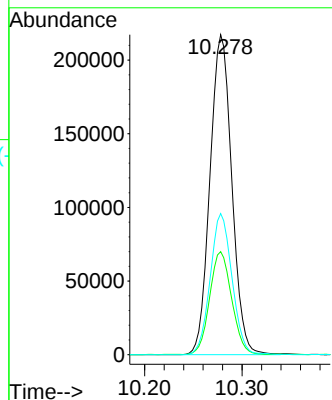
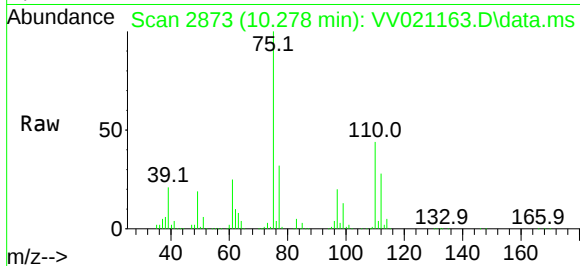




#61
1,2,3-Trichloropropane
Concen: 49.01 ug/L
RT: 10.278 min Scan# 2873
Delta R.T. 0.000 min
Lab File: VV021163.D
Acq: 27 Apr 2021 10:05

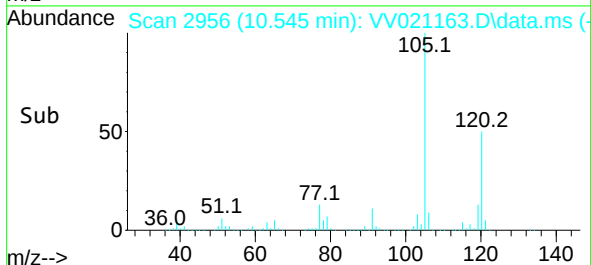
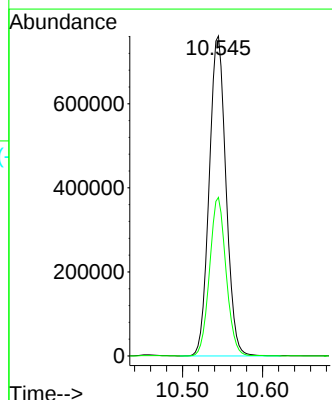
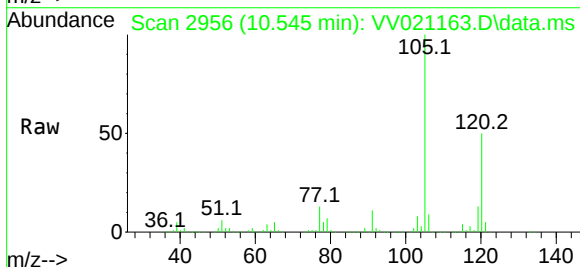
Instrument :
MSVOA_V
ClientSampleId :

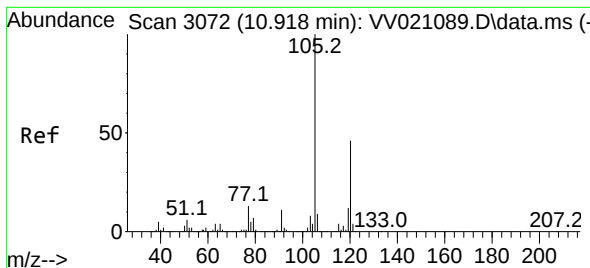
Tgt Ion: 75 Resp: 338493
Ion Ratio Lower Upper
75 100
77 32.6 25.8 38.8
110 44.0 34.9 52.3



#62
1,3,5-Trimethylbenzene
Concen: 53.38 ug/L
RT: 10.545 min Scan# 2956
Delta R.T. 0.000 min
Lab File: VV021163.D
Acq: 27 Apr 2021 10:05

Tgt Ion: 105 Resp: 1109991
Ion Ratio Lower Upper
105 100
120 48.8 38.9 58.3

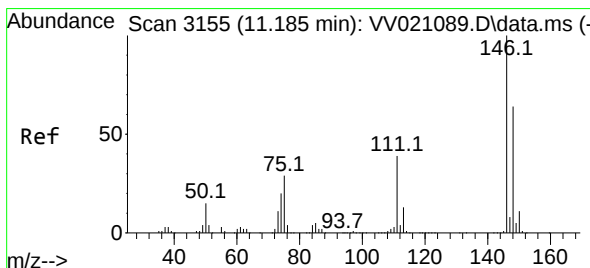
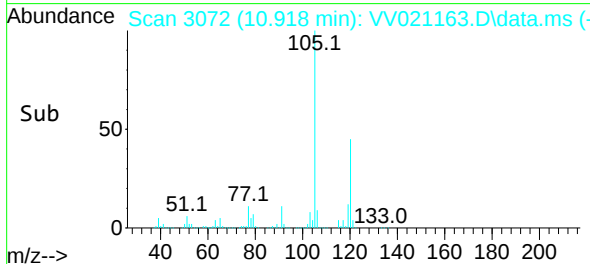
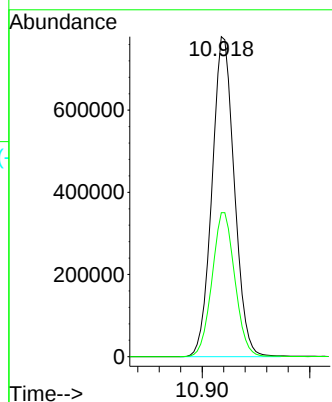
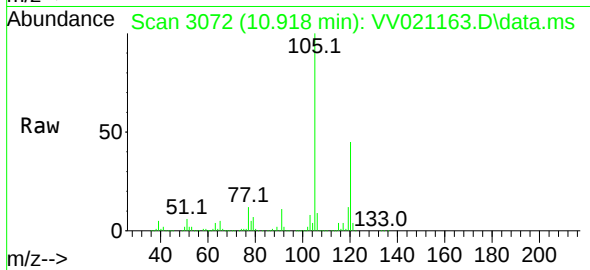




#63
1,2,4-Trimethylbenzene
Concen: 54.11 ug/L
RT: 10.918 min Scan# 3072
Delta R.T. 0.000 min
Lab File: VV021163.D
Acq: 27 Apr 2021 10:05

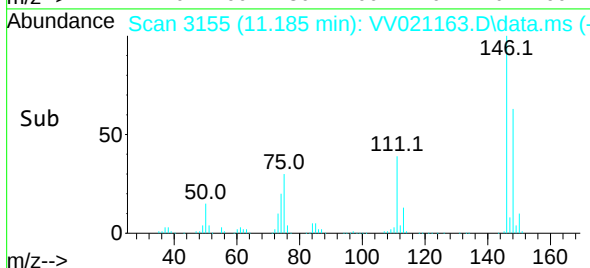
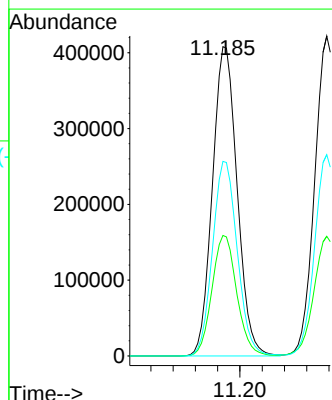
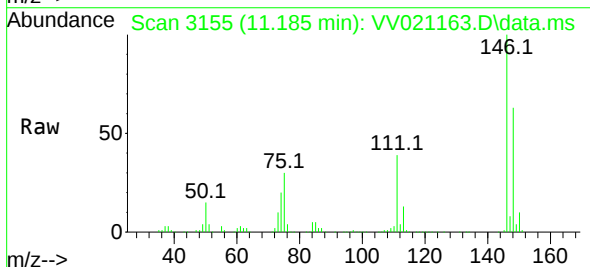
Instrument :
MSVOA_V
ClientSampled :

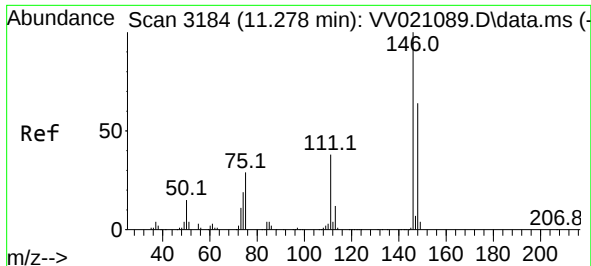
Tgt Ion:105 Resp: 1122090
Ion Ratio Lower Upper
105 100
120 46.1 37.7 56.5



#64
1,3-Dichlorobenzene
Concen: 51.60 ug/L
RT: 11.185 min Scan# 3155
Delta R.T. -0.003 min
Lab File: VV021163.D
Acq: 27 Apr 2021 10:05

Tgt Ion:146 Resp: 629468
Ion Ratio Lower Upper
146 100
111 38.9 27.6 51.2
148 62.9 45.1 83.7

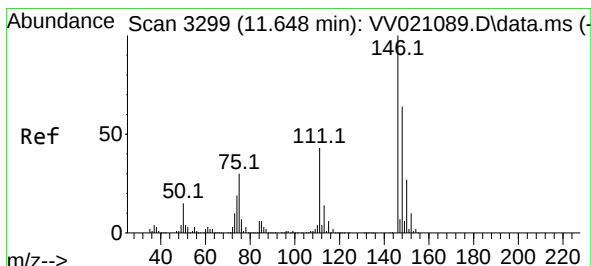
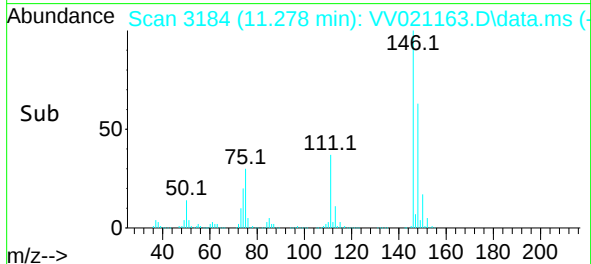
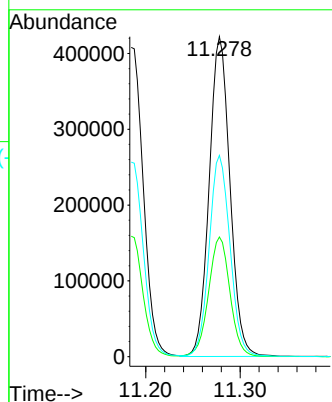
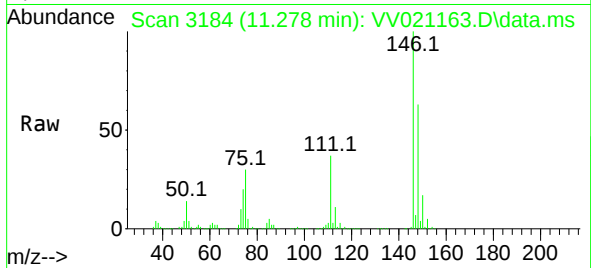




#65
1,4-Dichlorobenzene
Concen: 51.41 ug/L
RT: 11.278 min Scan# 3184
Delta R.T. 0.000 min
Lab File: VV021163.D
Acq: 27 Apr 2021 10:05

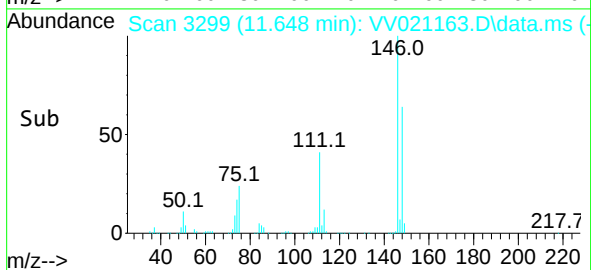
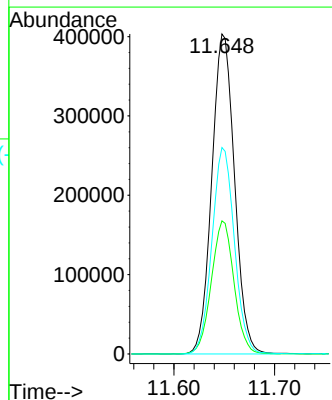
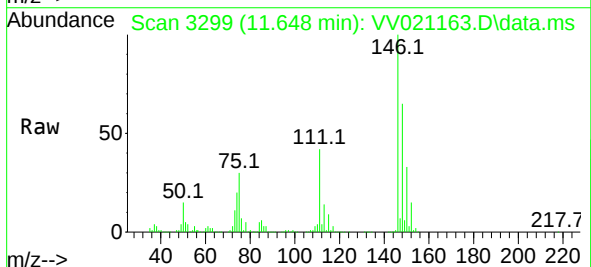
Instrument :
MSVOA_V
ClientSampleId :

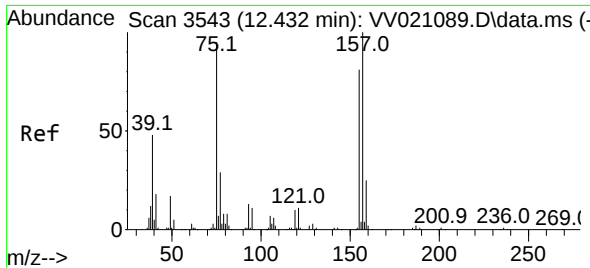
Tgt Ion:146 Resp: 644234
Ion Ratio Lower Upper
146 100
111 37.4 26.3 48.9
148 62.9 44.7 82.9



#67
1,2-Dichlorobenzene
Concen: 50.36 ug/L
RT: 11.648 min Scan# 3299
Delta R.T. 0.000 min
Lab File: VV021163.D
Acq: 27 Apr 2021 10:05

Tgt Ion:146 Resp: 634078
Ion Ratio Lower Upper
146 100
111 41.6 33.2 49.8
148 64.5 50.6 75.8

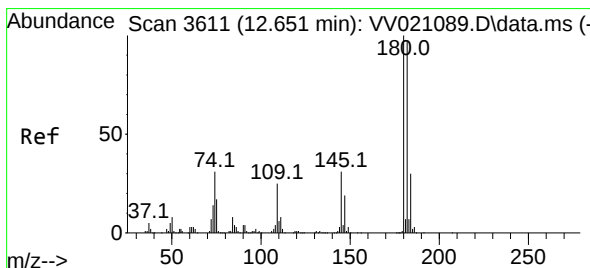
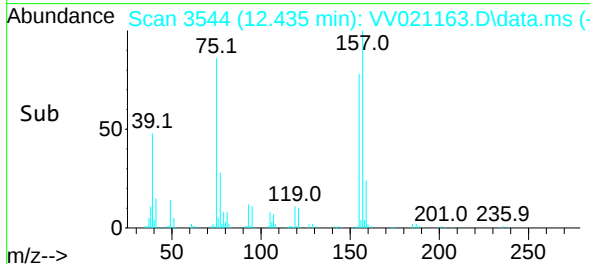
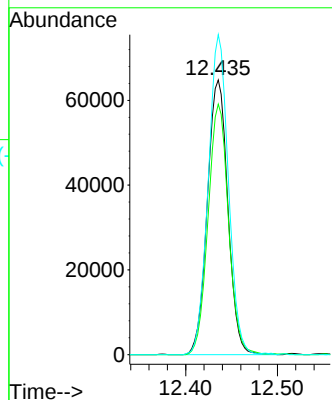
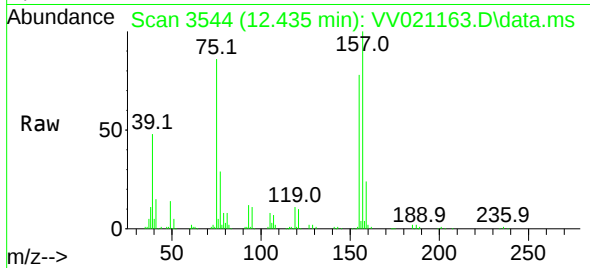




#68
1,2-Dibromo-3-chloropropane
Concen: 48.69 ug/L
RT: 12.435 min Scan# 3544
Delta R.T. 0.003 min
Lab File: VV021163.D
Acq: 27 Apr 2021 10:05

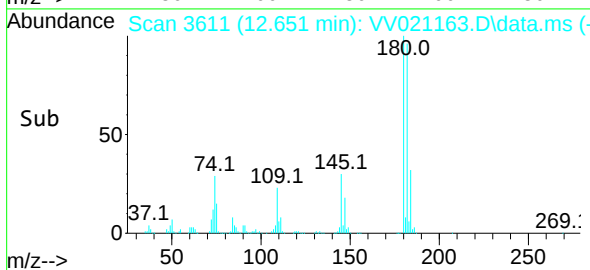
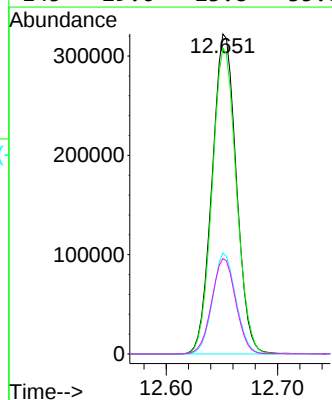
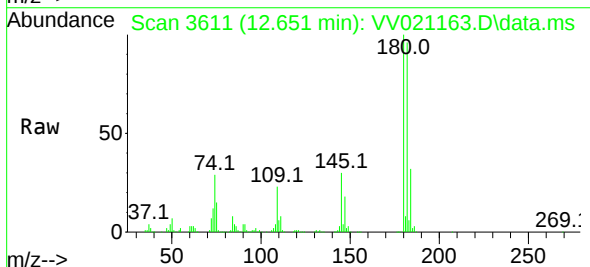
Instrument :
MSVOA_V
ClientSampled :

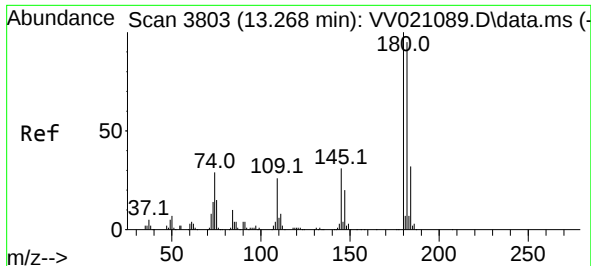
Tgt Ion: 75 Resp: 100804
Ion Ratio Lower Upper
75 100
155 91.2 72.8 109.2
157 116.4 94.6 142.0



#69
1,3,5-Trichlorobenzene
Concen: 51.28 ug/L
RT: 12.651 min Scan# 3611
Delta R.T. 0.000 min
Lab File: VV021163.D
Acq: 27 Apr 2021 10:05

Tgt Ion:180 Resp: 486491
Ion Ratio Lower Upper
180 100
182 95.9 77.4 116.0
184 30.3 24.1 36.1
145 29.6 23.8 35.8

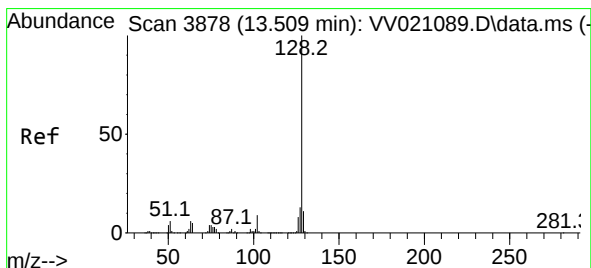
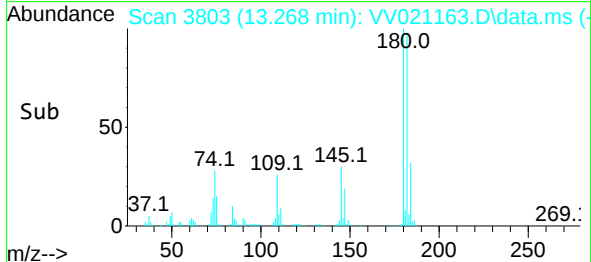
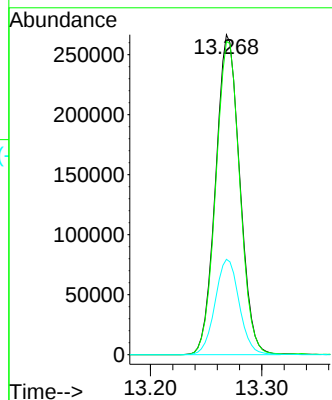
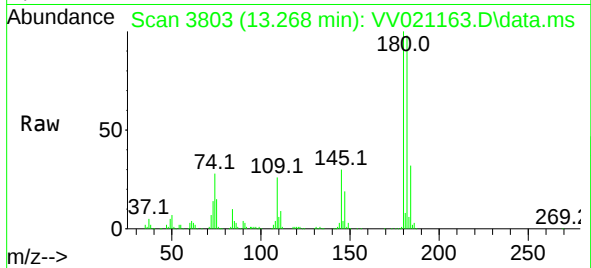




#70
1,2,4-trichlorobenzene
Concen: 51.58 ug/L
RT: 13.268 min Scan# 3803
Delta R.T. 0.000 min
Lab File: VV021163.D
Acq: 27 Apr 2021 10:05

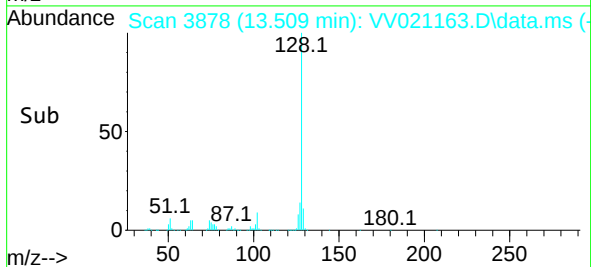
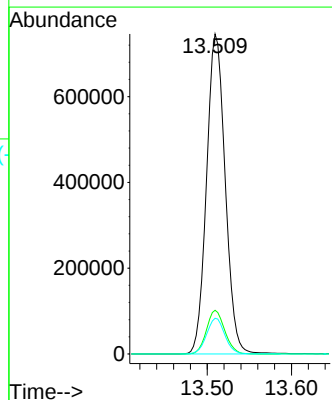
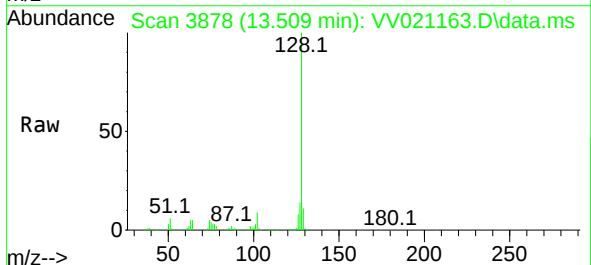
Instrument :
MSVOA_V
ClientSampleId :

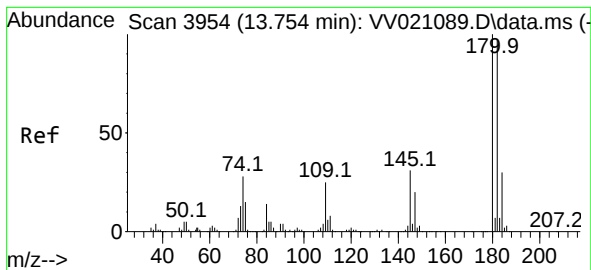
Tgt Ion:180 Resp: 401077
Ion Ratio Lower Upper
180 100
182 97.4 77.5 116.3
145 29.8 24.3 36.5



#71
Naphthalene
Concen: 53.09 ug/L
RT: 13.509 min Scan# 3878
Delta R.T. 0.000 min
Lab File: VV021163.D
Acq: 27 Apr 2021 10:05

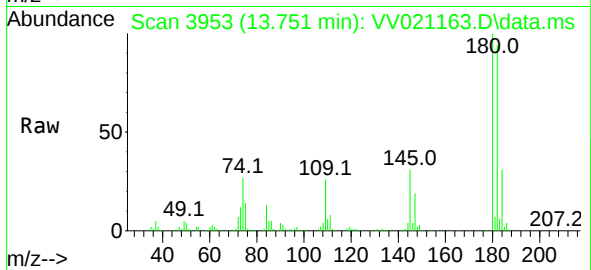
Tgt Ion:128 Resp: 1149944
Ion Ratio Lower Upper
128 100
127 13.4 10.3 15.5
129 10.9 8.6 13.0





#72
 1,2,3-Trichlorobenzene
 Concen: 53.97 ug/L
 RT: 13.751 min Scan# 3953
 Delta R.T. 0.000 min
 Lab File: VV021163.D
 Acq: 27 Apr 2021 10:05

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:180 Resp: 428171

Ion	Ratio	Lower	Upper
180	100		
182	94.3	75.9	113.9
145	31.6	25.0	37.6

