

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041521\
 Data File : VV021020.D
 Acq On : 15 Apr 2021 10:21
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 16 02:59:49 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM041421WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 15 01:36:39 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	500143	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	483292	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.255	152	295173	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.310	65	127259	46.77	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	93.54%		
7) Chloroethane-d5	1.571	69	105800	49.46	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	98.92%		
11) 1,1-Dichloroethene-d2	2.108	63	285616	48.94	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	97.88%		
21) 2-Butanone-d5	3.899	46	176999	98.92	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	98.92%		
24) Chloroform-d	4.349	84	340397	50.40	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	100.80%		
26) 1,2-Dichloroethane-d4	5.034	65	223685	49.00	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	98.00%		
32) Benzene-d6	5.050	84	586622	49.16	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	98.32%		
36) 1,2-Dichloropropane-d6	6.069	67	166911	50.39	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	100.78%		
41) Toluene-d8	7.317	98	605958	51.25	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	102.50%		
43) trans-1,3-Dichloroprop...	7.622	79	101345	49.64	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	99.28%		
47) 2-Hexanone-d5	8.091	63	149177	104.84	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	104.84%		
56) 1,1,2,2-Tetrachloroeth...	10.220	84	264619	49.29	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	98.58%		
66) 1,2-Dichlorobenzene-d4	11.631	152	286748	47.59	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	95.18%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.133	85	202411	50.89	ug/L	98
3) Chloromethane	1.243	50	129954	48.51	ug/L	98
5) Vinyl chloride	1.314	62	152422	51.13	ug/L	99
6) Bromomethane	1.526	94	117335	53.23	ug/L	100
8) Chloroethane	1.587	64	89198	46.25	ug/L	95
9) Trichlorofluoromethane	1.754	101	355223	50.43	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	169625	50.89	ug/L	98
12) 1,1-Dichloroethene	2.117	96	152347	50.88	ug/L	93
13) Acetone	2.191	43	183630	122.51	ug/L	96
14) Carbon disulfide	2.294	76	417135	50.59	ug/L	99
15) Methyl Acetate	2.439	43	127460	50.52	ug/L	100
16) Methylene chloride	2.510	84	165445	49.11	ug/L	98
17) trans-1,2-Dichloroethene	2.760	96	160726	50.46	ug/L	99
18) Methyl tert-butyl Ether	2.770	73	518767	51.84	ug/L	99
19) 1,1-Dichloroethane	3.191	63	277457	50.82	ug/L	99
20) cis-1,2-Dichloroethene	3.912	96	172136	50.71	ug/L	97
22) 2-Butanone	3.982	43	215692	117.85	ug/L	95
23) Bromochloromethane	4.249	128	106143	52.59	ug/L	93
25) Chloroform	4.375	83	351315	50.53	ug/L	98

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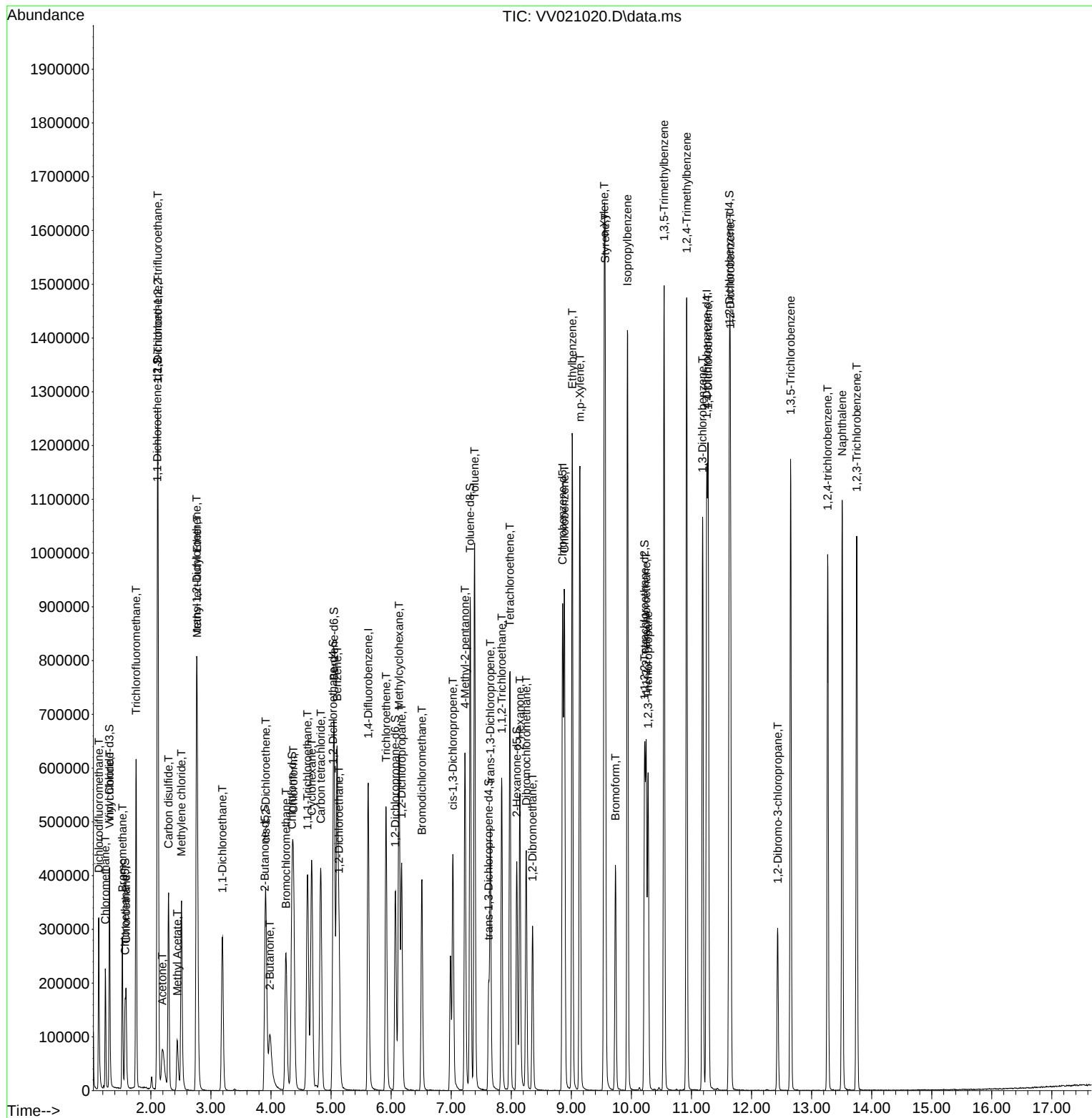
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	269079	50.65	ug/L	99
29) Cyclohexane	4.677	56	221520	52.60	ug/L	99
30) 1,1,1-Trichloroethane	4.609	97	343848	53.00	ug/L	99
31) Carbon tetrachloride	4.828	117	317798	52.73	ug/L	99
33) Benzene	5.101	78	632059	52.35	ug/L	100
34) Trichloroethene	5.915	95	179658	51.67	ug/L	99
35) Methylcyclohexane	6.133	83	274004	54.21	ug/L	99
37) 1,2-Dichloropropane	6.175	63	148457	51.86	ug/L	100
38) Bromodichloromethane	6.513	83	256991	52.58	ug/L	97
39) cis-1,3-Dichloropropene	7.027	75	252231	50.39	ug/L	98
40) 4-Methyl-2-pentanone	7.230	43	373479	106.21	ug/L	99
42) Toluene	7.390	91	734899	53.98	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	272009	52.60	ug/L	99
45) 1,1,2-Trichloroethane	7.841	97	170133	51.17	ug/L	96
46) Tetrachloroethene	7.979	164	178436	53.92	ug/L	96
48) 2-Hexanone	8.143	43	313183	114.87	ug/L	96
49) Dibromochloromethane	8.249	129	235463	53.17	ug/L	99
50) 1,2-Dibromoethane	8.355	107	196837	53.22	ug/L	93
51) Chlorobenzene	8.886	112	506276	52.78	ug/L	98
52) Ethylbenzene	9.014	91	838596	54.44	ug/L	100
53) m,p-Xylene	9.143	106	331042	54.63	ug/L	99
54) o-Xylene	9.548	106	316337	54.01	ug/L	99
55) Styrene	9.564	104	565814	56.34	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.246	83	269276	50.97	ug/L	99
59) Bromoform	9.734	173	191760	49.91	ug/L	99
60) Isopropylbenzene	9.934	105	894577	51.43	ug/L	99
61) 1,2,3-Trichloropropane	10.278	75	228315	49.24	ug/L	98
62) 1,3,5-Trimethylbenzene	10.545	105	780173	52.41	ug/L	99
63) 1,2,4-Trimethylbenzene	10.921	105	795022	52.63	ug/L	99
64) 1,3-Dichlorobenzene	11.185	146	450380	50.48	ug/L	99
65) 1,4-Dichlorobenzene	11.278	146	458666	48.98	ug/L	97
67) 1,2-Dichlorobenzene	11.648	146	455101	49.21	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.435	75	72307	52.35	ug/L	96
69) 1,3,5-Trichlorobenzene	12.651	180	376209	53.56	ug/L	97
70) 1,2,4-trichlorobenzene	13.268	180	309515	53.29	ug/L	98
71) Naphthalene	13.509	128	857548	56.67	ug/L	99
72) 1,2,3-Trichlorobenzene	13.750	180	321078	54.97	ug/L	99

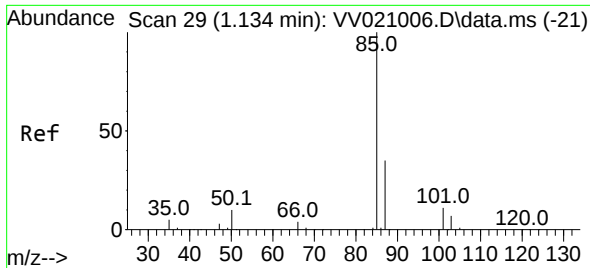
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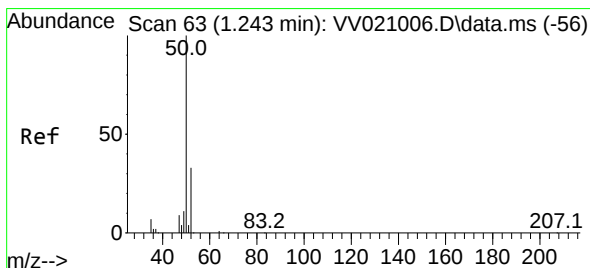
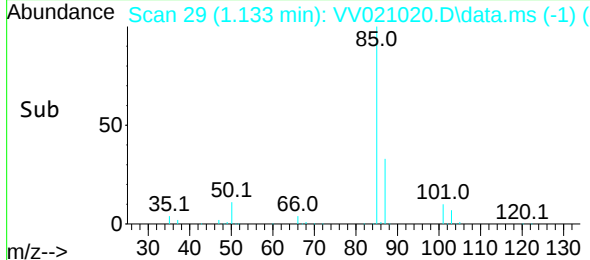
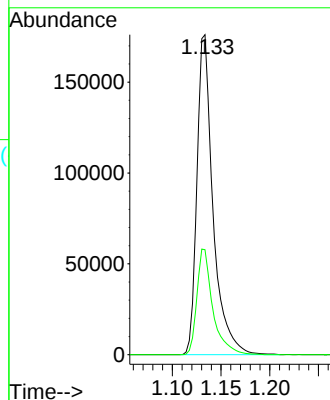
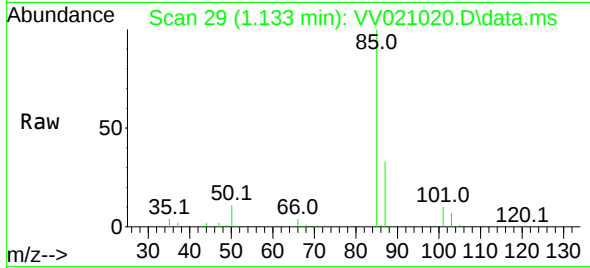




#2
 Dichlorodifluoromethane
 Concen: 50.89 ug/L
 RT: 1.133 min Scan# 29
 Delta R.T. -0.001 min
 Lab File: VV021020.D
 Acq: 15 Apr 2021 10:21

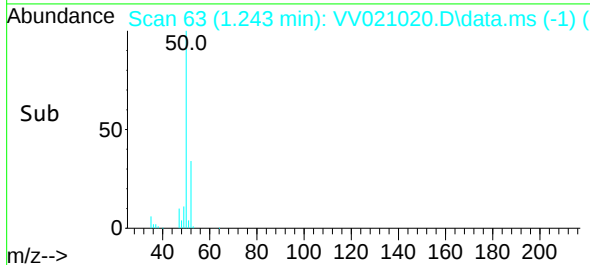
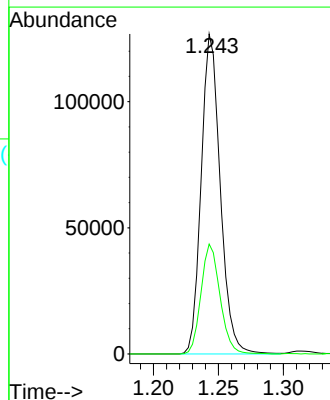
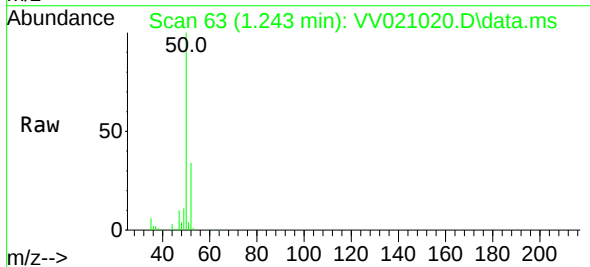
Instrument :
 MSVOA_V
 ClientSampled :

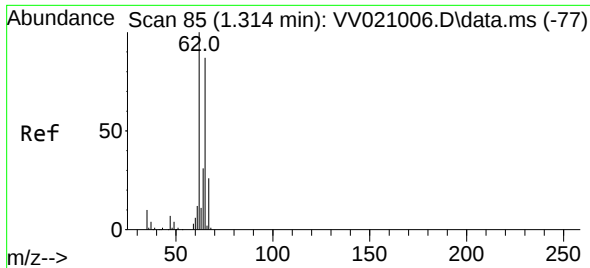
Tgt Ion: 85 Resp: 202411
 Ion Ratio Lower Upper
 85 100
 87 32.7 27.0 40.4



#3
 Chloromethane
 Concen: 48.51 ug/L
 RT: 1.243 min Scan# 63
 Delta R.T. -0.000 min
 Lab File: VV021020.D
 Acq: 15 Apr 2021 10:21

Tgt Ion: 50 Resp: 129954
 Ion Ratio Lower Upper
 50 100
 52 34.3 23.4 43.4

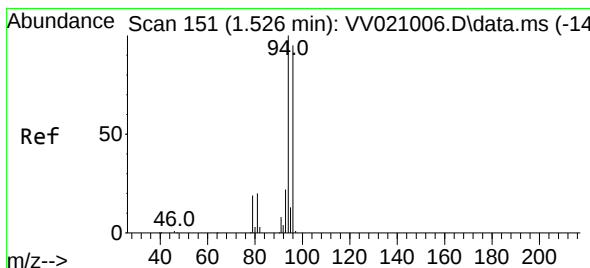
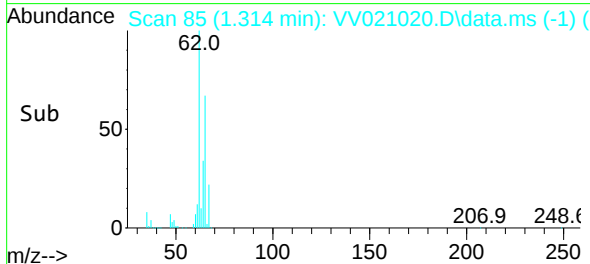
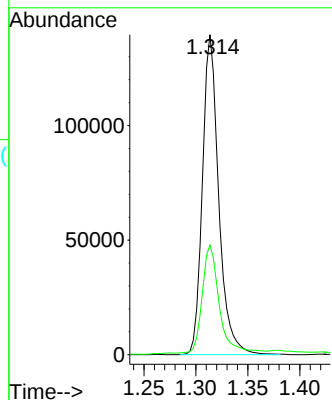
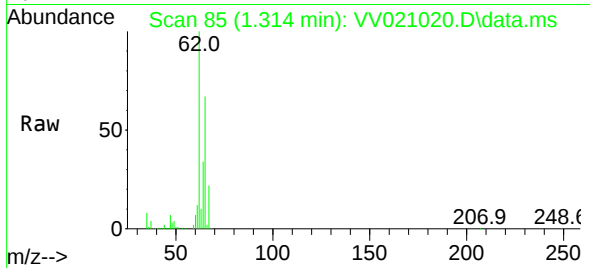




#5
 Vinyl chloride
 Concen: 51.13 ug/L
 RT: 1.314 min Scan# 85
 Delta R.T. -0.000 min
 Lab File: VV021020.D
 Acq: 15 Apr 2021 10:21

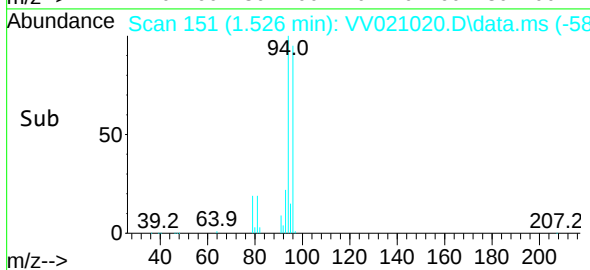
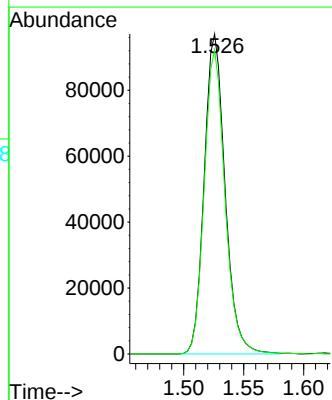
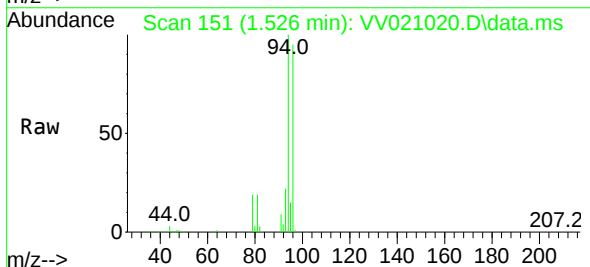
Instrument :
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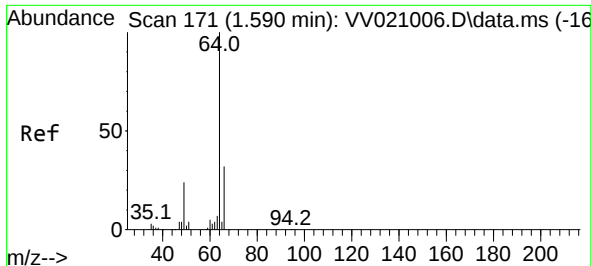
Tgt Ion: 62 Resp: 152422
 Ion Ratio Lower Upper
 62 100
 64 34.3 24.3 45.1



#6
 Bromomethane
 Concen: 53.23 ug/L
 RT: 1.526 min Scan# 151
 Delta R.T. -0.000 min
 Lab File: VV021020.D
 Acq: 15 Apr 2021 10:21

Tgt Ion: 94 Resp: 117335
 Ion Ratio Lower Upper
 94 100
 96 95.0 66.6 123.8

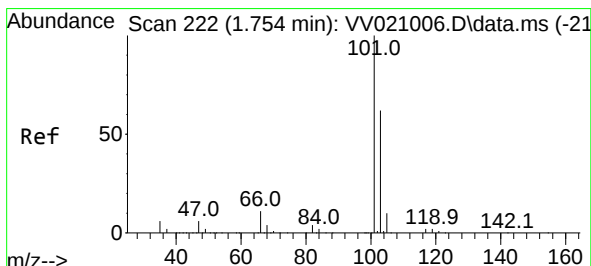
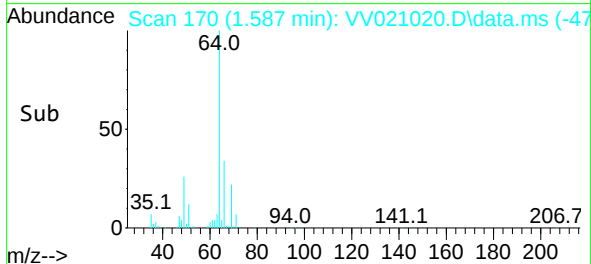
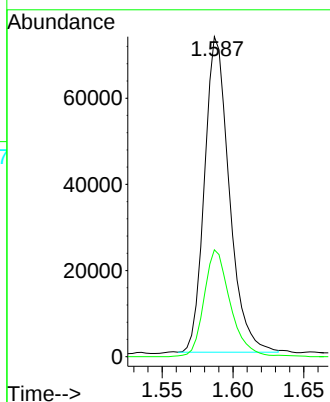
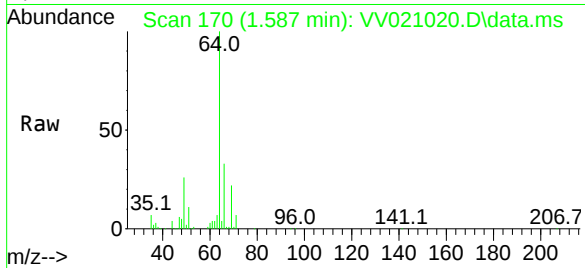




#8
Chloroethane
Concen: 46.25 ug/L
RT: 1.587 min Scan# 170
Delta R.T. -0.003 min
Lab File: VV021020.D
Acq: 15 Apr 2021 10:21

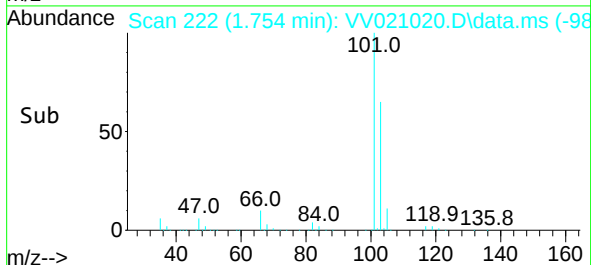
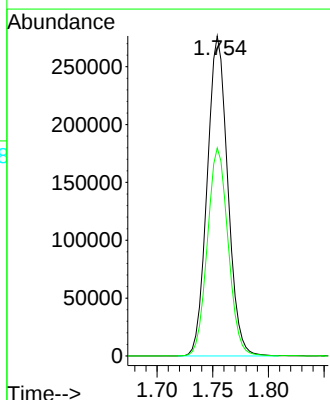
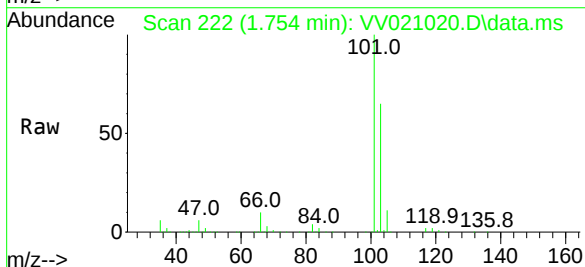
Instrument :
MSVOA_V
ClientSampled :

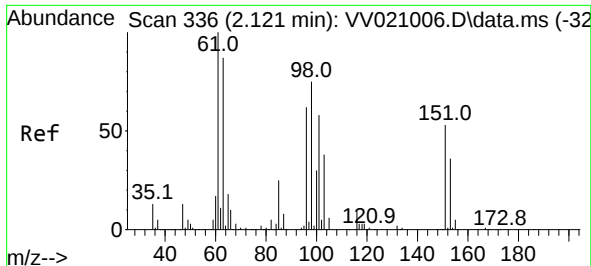
Tgt Ion: 64 Resp: 89198
Ion Ratio Lower Upper
64 100
66 33.4 21.6 40.2



#9
Trichlorofluoromethane
Concen: 50.43 ug/L
RT: 1.754 min Scan# 222
Delta R.T. 0.000 min
Lab File: VV021020.D
Acq: 15 Apr 2021 10:21

Tgt Ion: 101 Resp: 355223
Ion Ratio Lower Upper
101 100
103 65.4 51.9 77.9





#10

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

Concen: 50.89 ug/L

RT: 2.117 min Scan# 335

Delta R.T. -0.004 min

Lab File: VV021020.D

Acq: 15 Apr 2021 10:21

Tgt Ion:101 Resp: 169625

Ion Ratio Lower Upper

101 100

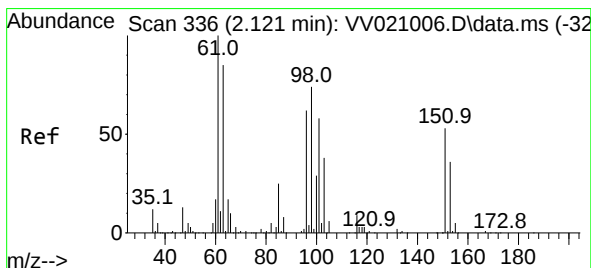
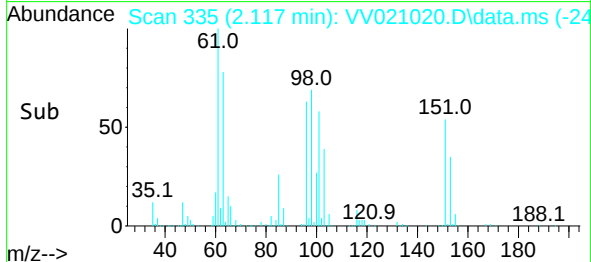
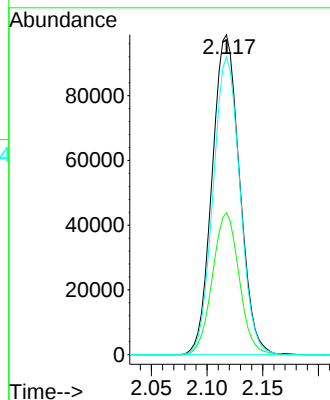
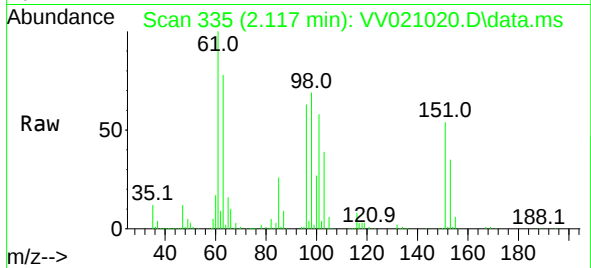
85 43.1 34.2 51.2

151 91.2 70.6 105.8

Instrument :

MSVOA_V

ClientSampleId :



#12

1,1-Dichloroethene

Concen: 50.88 ug/L

RT: 2.117 min Scan# 335

Delta R.T. -0.004 min

Lab File: VV021020.D

Acq: 15 Apr 2021 10:21

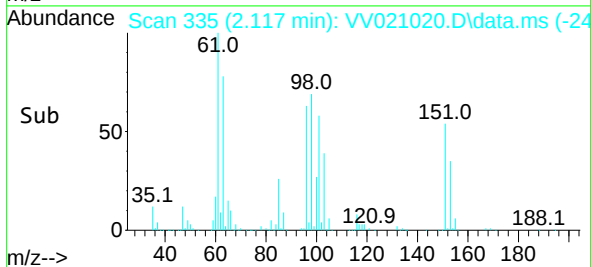
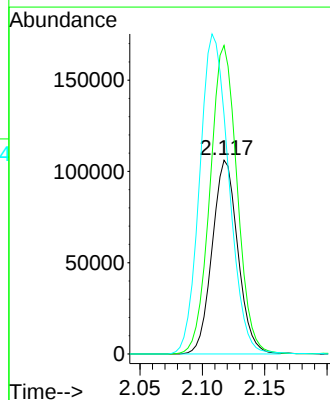
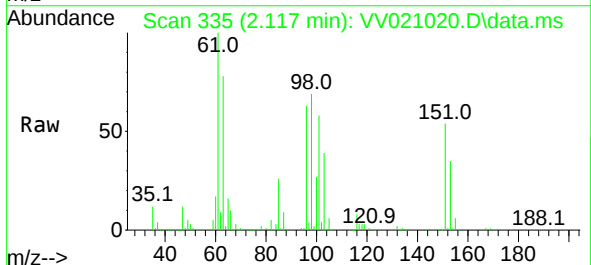
Tgt Ion: 96 Resp: 152347

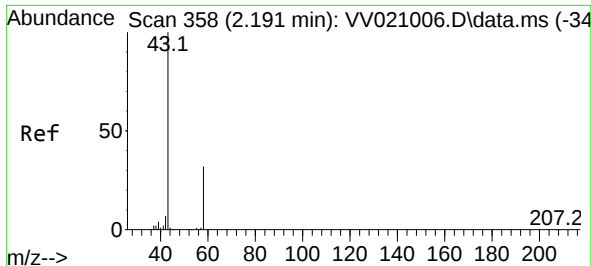
Ion Ratio Lower Upper

96 100

61 159.2 113.1 210.1

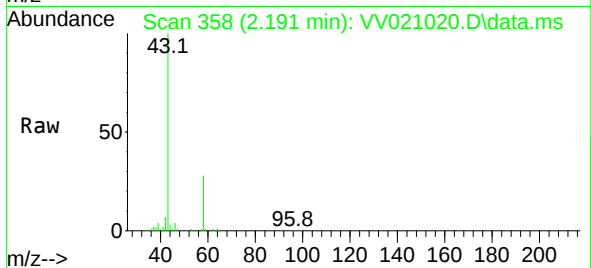
63 123.5 98.1 182.3



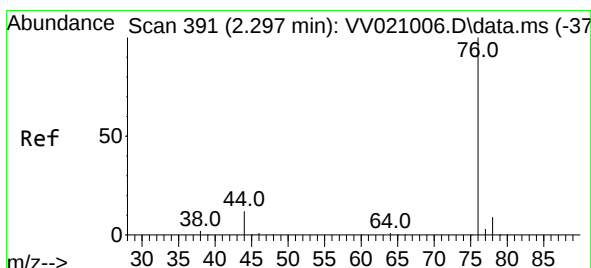
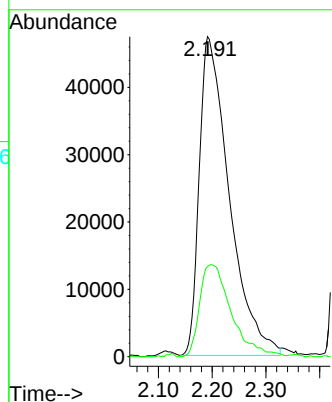
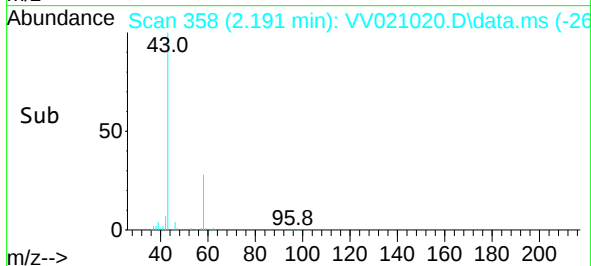


#13
Acetone
Concen: 122.51 ug/L
RT: 2.191 min Scan# 358
Delta R.T. 0.000 min
Lab File: VV021020.D
Acq: 15 Apr 2021 10:21

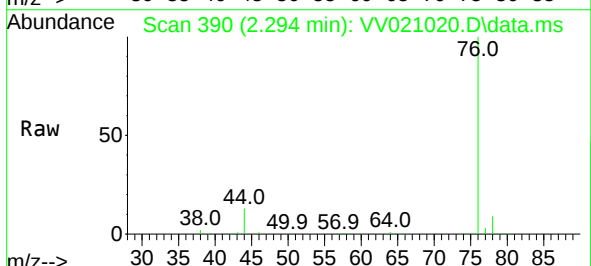
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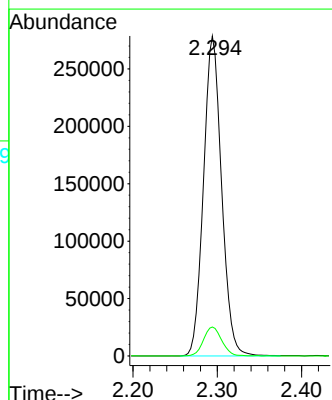
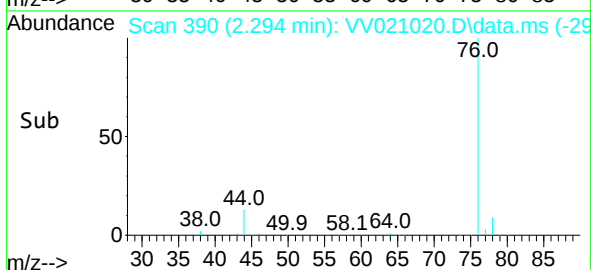
Tgt Ion: 43 Resp: 183630
Ion Ratio Lower Upper
43 100
58 28.6 0.0 61.8

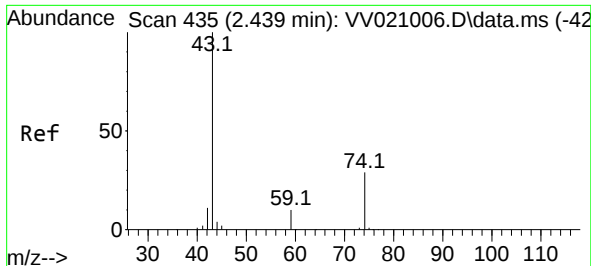


#14
Carbon disulfide
Concen: 50.59 ug/L
RT: 2.294 min Scan# 390
Delta R.T. -0.003 min
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Tgt Ion: 76 Resp: 417135
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.2

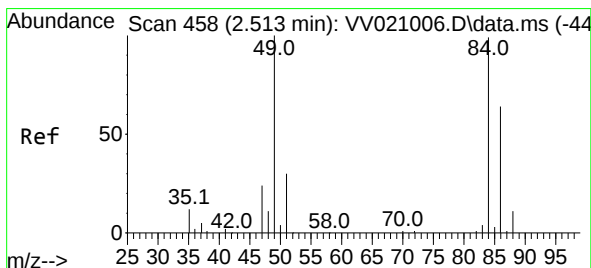
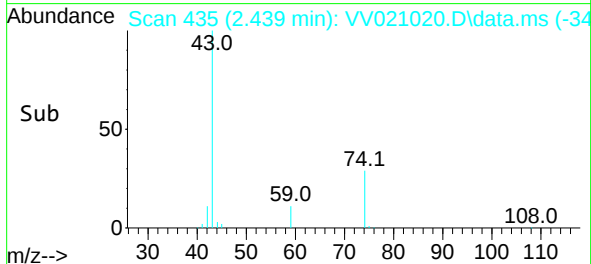
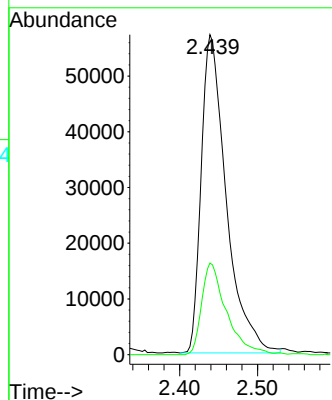
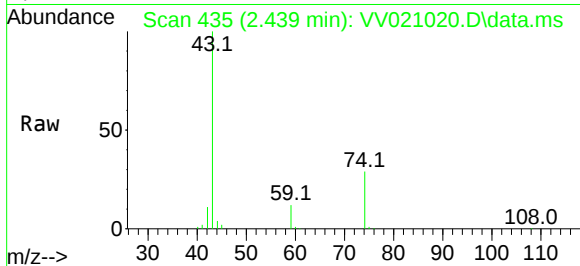




#15
Methyl Acetate
Concen: 50.52 ug/L
RT: 2.439 min Scan# 435
Delta R.T. -0.000 min
Lab File: VV021020.D
Acq: 15 Apr 2021 10:21

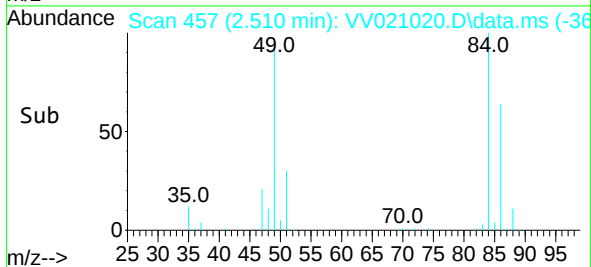
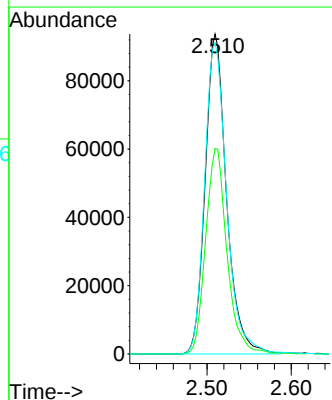
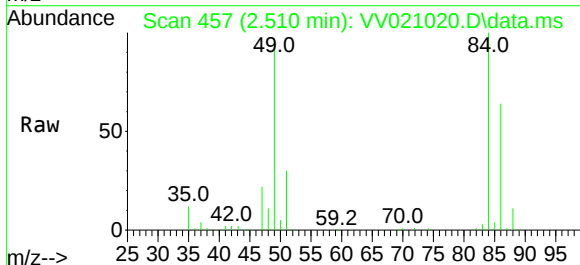
Instrument :
MSVOA_V
ClientSampled :

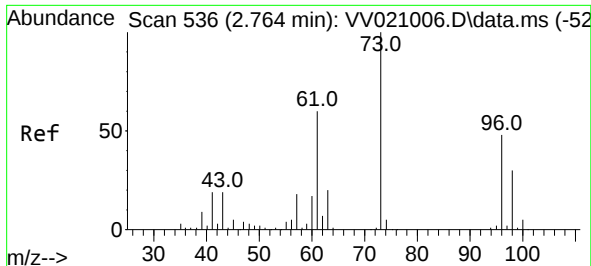
Tgt Ion: 43 Resp: 127460
Ion Ratio Lower Upper
43 100
74 28.4 22.9 34.3



#16
Methylene chloride
Concen: 49.11 ug/L
RT: 2.510 min Scan# 457
Delta R.T. -0.003 min
Lab File: VV021020.D
Acq: 15 Apr 2021 10:21

Tgt Ion: 84 Resp: 165445
Ion Ratio Lower Upper
84 100
86 64.2 44.9 83.3
49 97.2 70.4 130.8

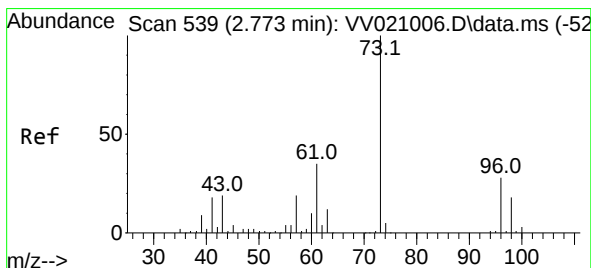
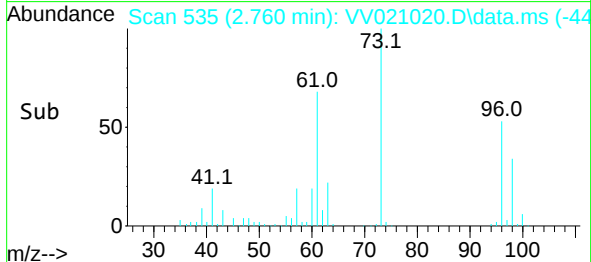
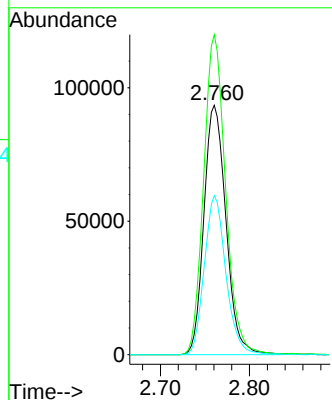
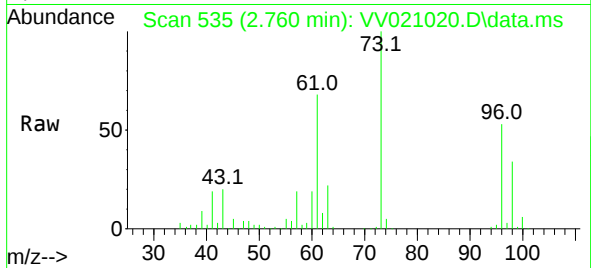




#17
trans-1,2-Dichloroethene
Concen: 50.46 ug/L
RT: 2.760 min Scan# 535
Delta R.T. -0.004 min
Lab File: VV021020.D
Acq: 15 Apr 2021 10:21

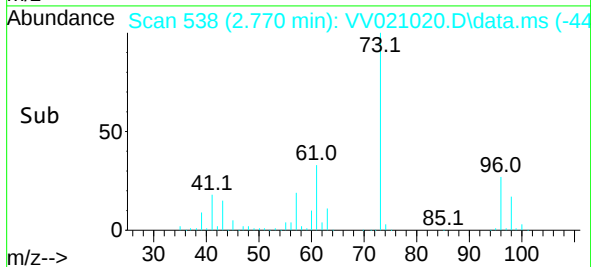
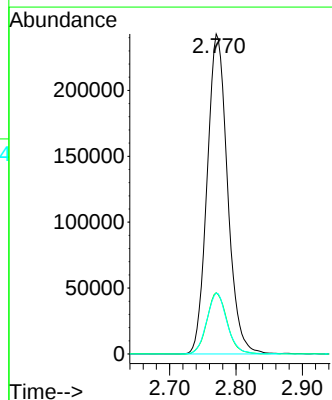
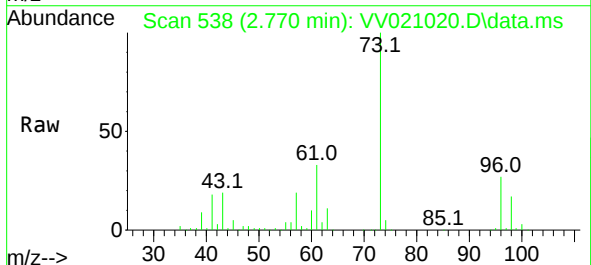
Instrument :
MSVOA_V
ClientSampled :

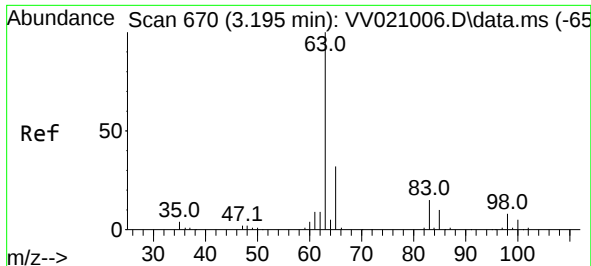
Tgt Ion: 96 Resp: 160726
Ion Ratio Lower Upper
96 100
61 128.3 88.4 164.2
98 63.7 44.7 82.9



#18
Methyl tert-butyl Ether
Concen: 51.84 ug/L
RT: 2.770 min Scan# 538
Delta R.T. -0.003 min
Lab File: VV021020.D
Acq: 15 Apr 2021 10:21

Tgt Ion: 73 Resp: 518767
Ion Ratio Lower Upper
73 100
43 18.9 15.3 22.9
57 18.9 14.9 22.3





#19

1,1-Dichloroethane

Concen: 50.82 ug/L

RT: 3.191 min Scan# 669

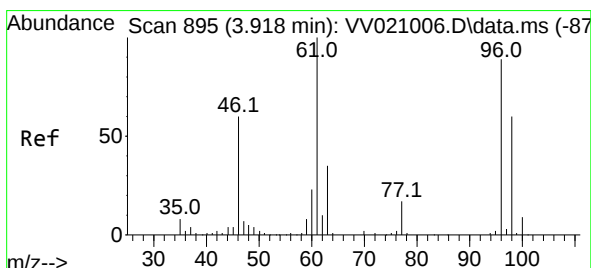
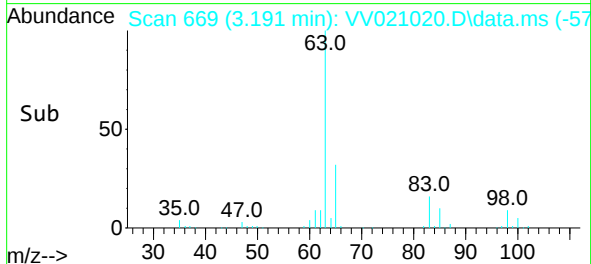
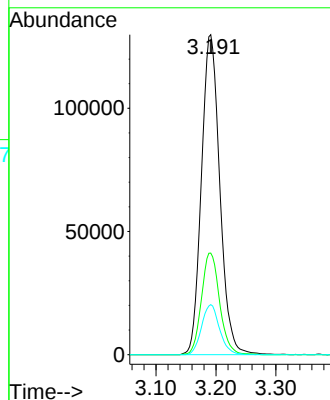
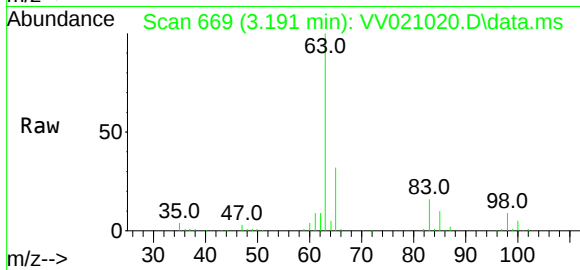
Delta R.T. -0.004 min

Lab File: VV021020.D

Acq: 15 Apr 2021 10:21

Tgt Ion: 63 Resp: 277457

Ion	Ratio	Lower	Upper
63	100		
65	31.7	22.7	42.1
83	15.7	10.6	19.8



#20

cis-1,2-Dichloroethene

Concen: 50.71 ug/L

RT: 3.912 min Scan# 893

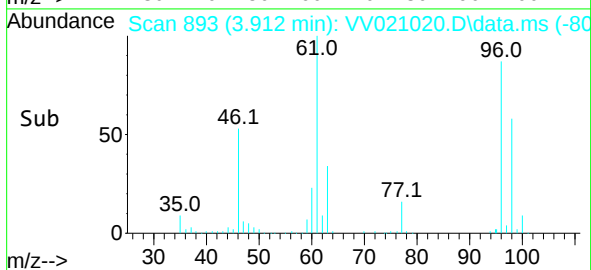
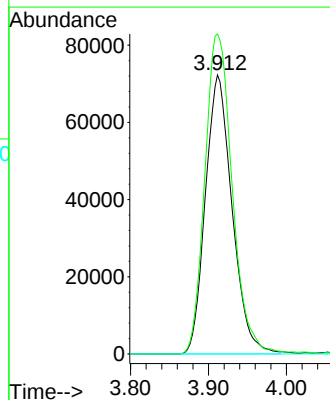
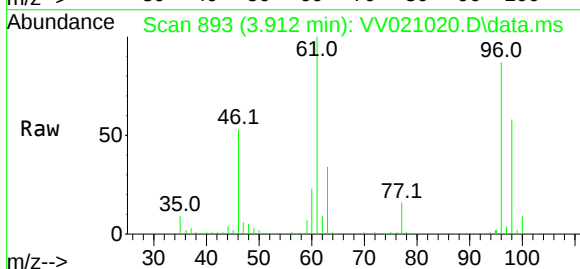
Delta R.T. -0.006 min

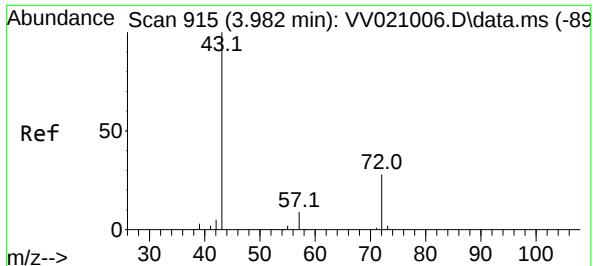
Lab File: VV021020.D

Acq: 15 Apr 2021 10:21

Tgt Ion: 96 Resp: 172136

Ion	Ratio	Lower	Upper
96	100		
61	114.7	78.3	145.3
68	0.0	0.0	0.0

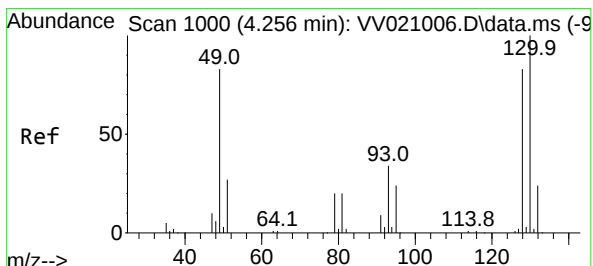
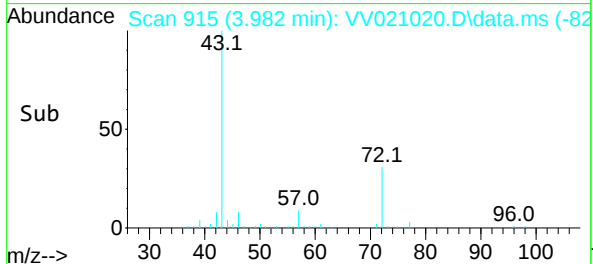
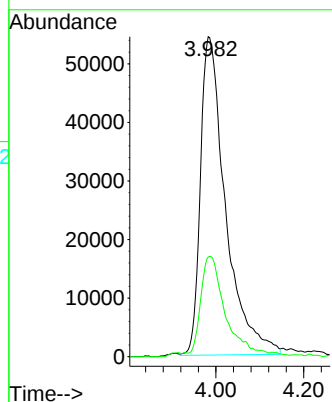
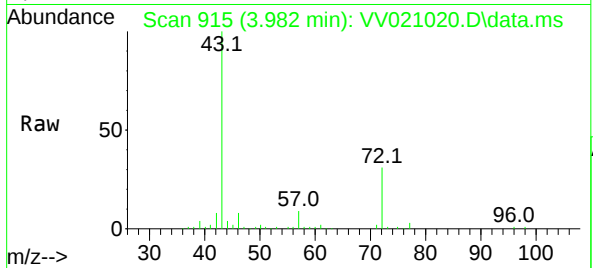




#22
2-Butanone
Concen: 117.85 ug/L
RT: 3.982 min Scan# 915
Delta R.T. 0.000 min
Lab File: VV021020.D
Acq: 15 Apr 2021 10:21

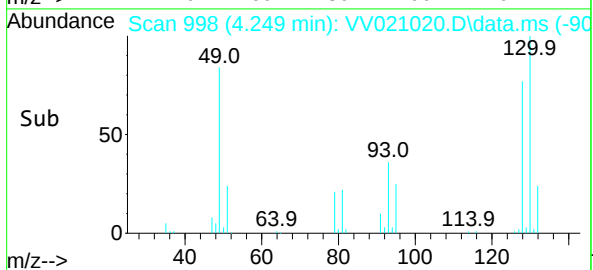
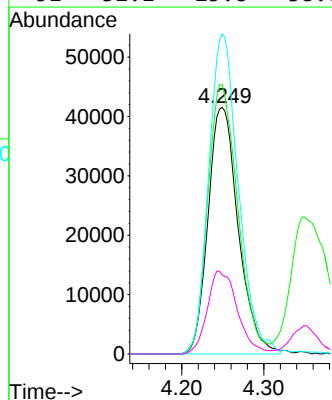
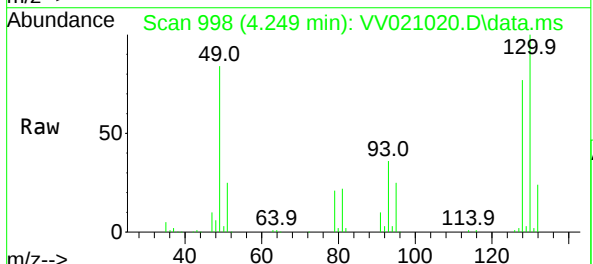
Instrument :
MSVOA_V
ClientSampled :

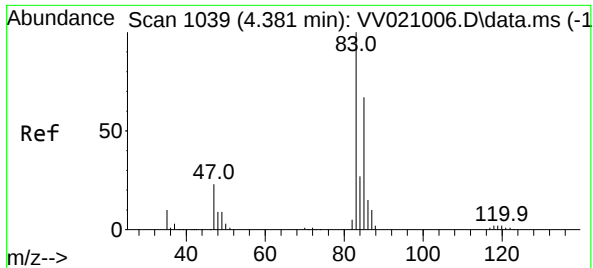
Tgt Ion: 43 Resp: 215692
Ion Ratio Lower Upper
43 100
72 26.8 14.7 44.1



#23
Bromochloromethane
Concen: 52.59 ug/L
RT: 4.249 min Scan# 998
Delta R.T. -0.007 min
Lab File: VV021020.D
Acq: 15 Apr 2021 10:21

Tgt Ion:128 Resp: 106143
Ion Ratio Lower Upper
128 100
49 109.2 70.1 130.1
130 129.8 84.7 157.3
51 32.1 25.8 38.6





#25

Chloroform

Concen: 50.53 ug/L

RT: 4.375 min Scan# 1037

Delta R.T. -0.006 min

Lab File: VV021020.D

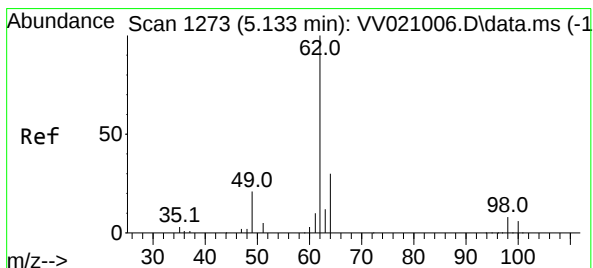
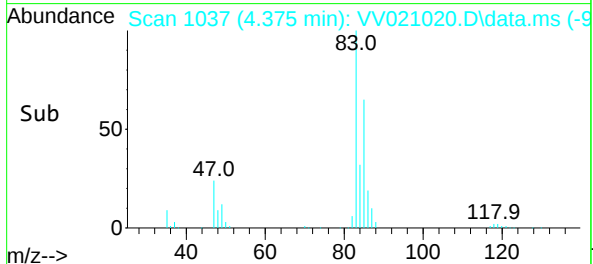
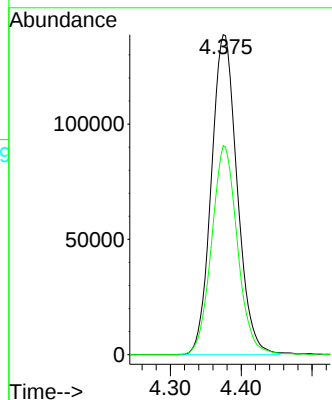
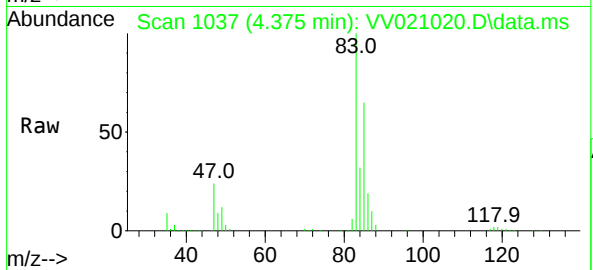
Acq: 15 Apr 2021 10:21

Tgt Ion: 83 Resp: 351315

Ion Ratio Lower Upper

83 100

85 65.3 46.6 86.6



#27

1,2-Dichloroethane

Concen: 50.65 ug/L

RT: 5.133 min Scan# 1273

Delta R.T. 0.000 min

Lab File: VV021020.D

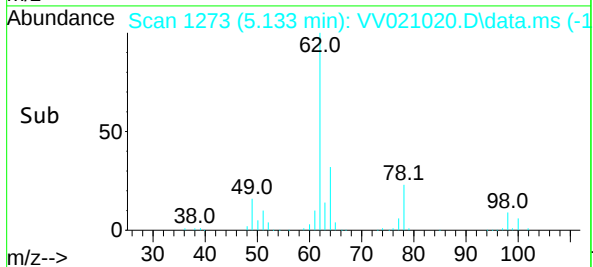
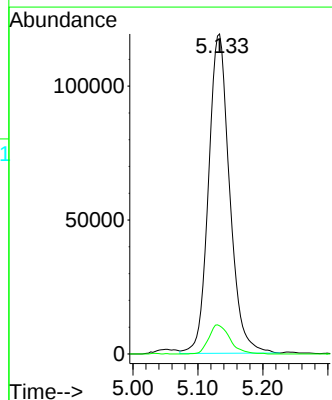
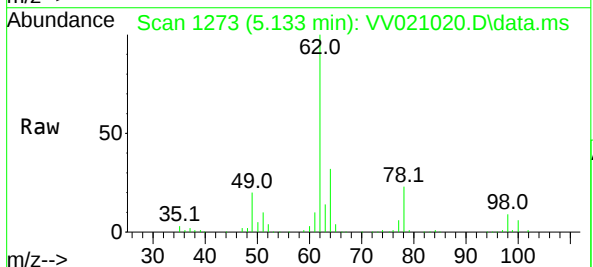
Acq: 15 Apr 2021 10:21

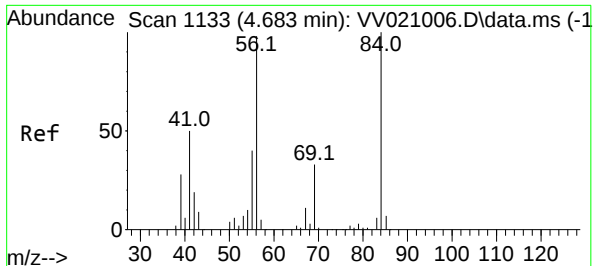
Tgt Ion: 62 Resp: 269079

Ion Ratio Lower Upper

62 100

98 8.8 6.7 10.1





#29

Cyclohexane

Concen: 52.60 ug/L

RT: 4.677 min Scan# 1131

Delta R.T. -0.006 min

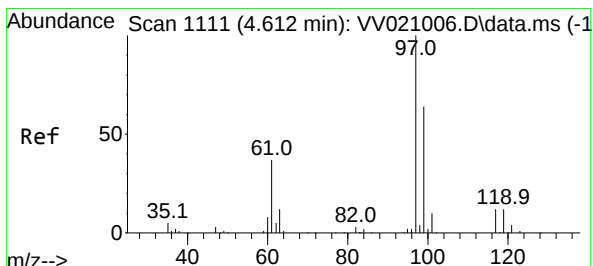
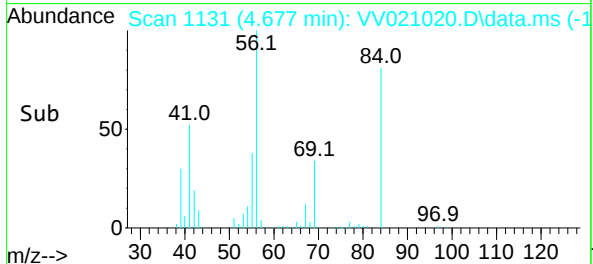
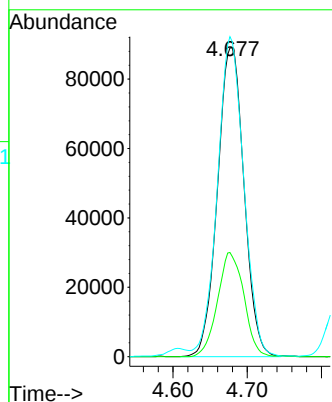
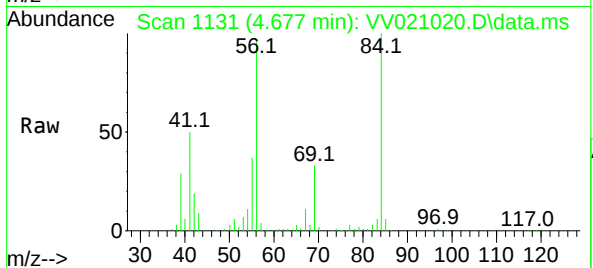
Lab File: VV021020.D

Acq: 15 Apr 2021 10:21

Tgt Ion: 56 Resp: 221520

Ion	Ratio	Lower	Upper
56	100		
69	33.4	27.0	40.6
84	102.3	82.6	124.0

Instrument :
MSVOA_V
ClientSampleId :



#30

1,1,1-Trichloroethane

Concen: 53.00 ug/L

RT: 4.609 min Scan# 1110

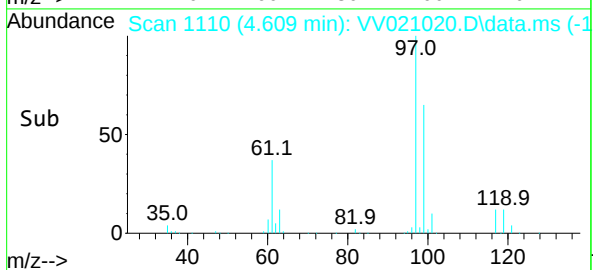
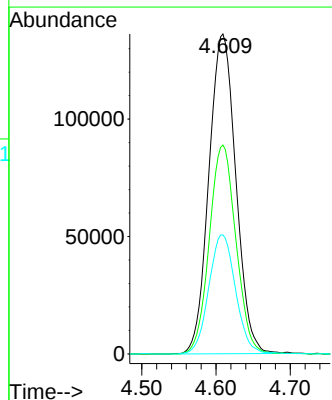
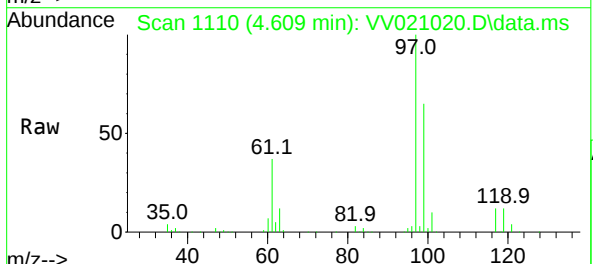
Delta R.T. -0.003 min

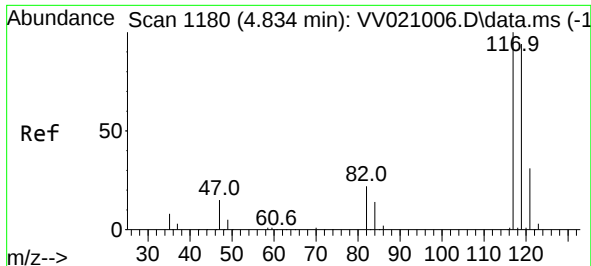
Lab File: VV021020.D

Acq: 15 Apr 2021 10:21

Tgt Ion: 97 Resp: 343848

Ion	Ratio	Lower	Upper
97	100		
99	64.5	51.8	77.8
61	36.9	30.4	45.6

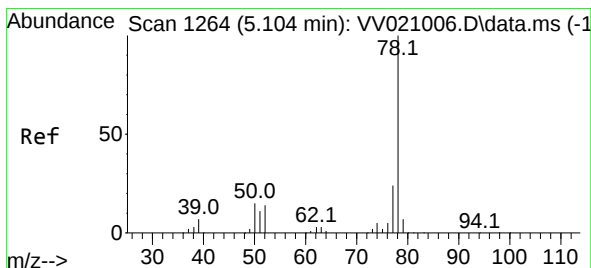
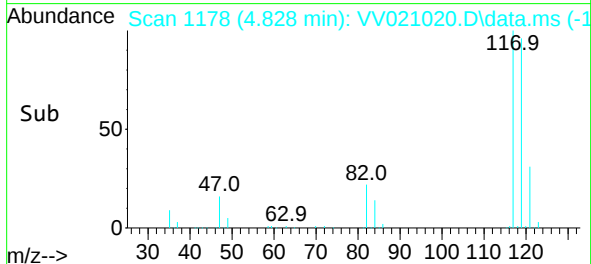
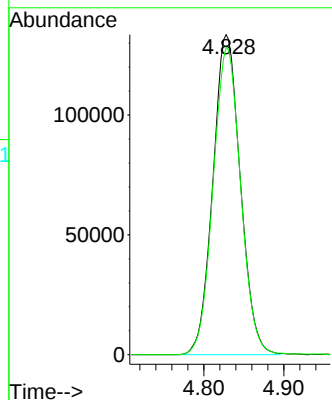
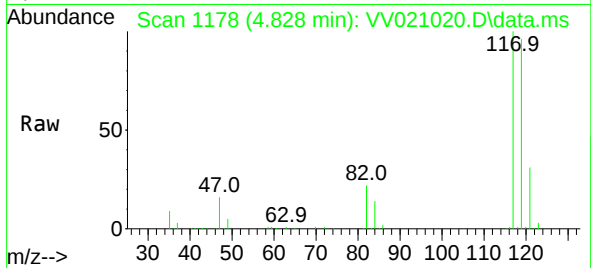




#31
Carbon tetrachloride
Concen: 52.73 ug/L
RT: 4.828 min Scan# 1178
Delta R.T. -0.006 min
Lab File: VV021020.D
Acq: 15 Apr 2021 10:21

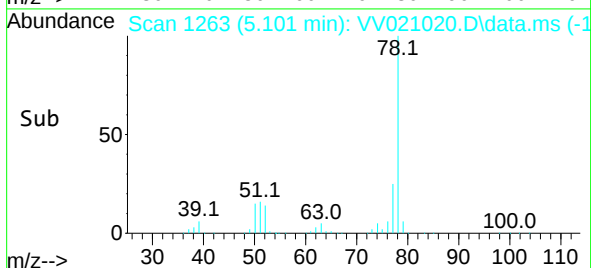
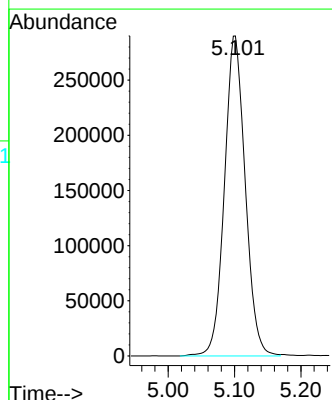
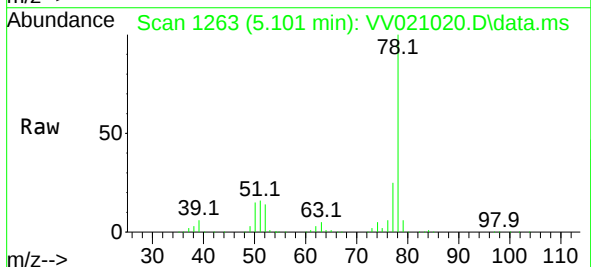
Instrument :
MSVOA_V
ClientSampled :

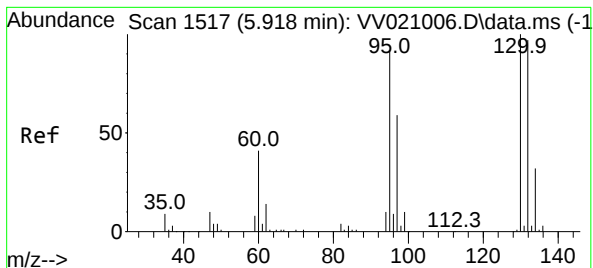
Tgt Ion:117 Resp: 317798
Ion Ratio Lower Upper
117 100
119 96.3 76.1 114.1



#33
Benzene
Concen: 52.35 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. -0.003 min
Lab File: VV021020.D
Acq: 15 Apr 2021 10:21

Tgt Ion: 78 Resp: 632059





#34

Trichloroethene

Concen: 51.67 ug/L

RT: 5.915 min Scan# 1516

Delta R.T. -0.003 min

Lab File: VV021020.D

Acq: 15 Apr 2021 10:21

Tgt Ion: 95 Resp: 179658

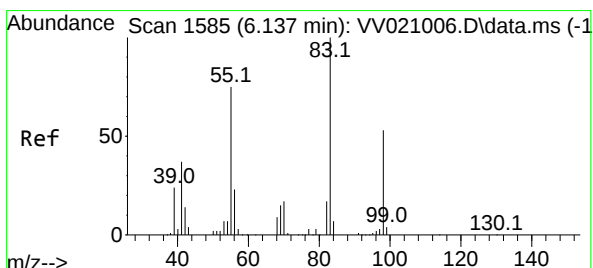
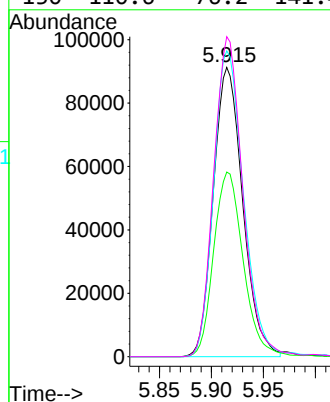
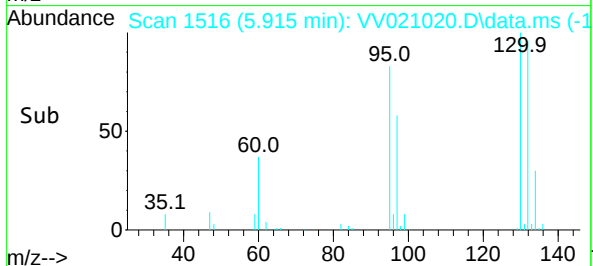
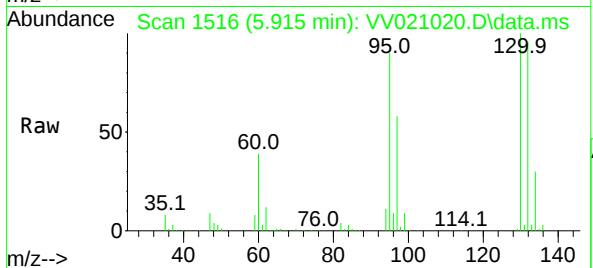
Ion Ratio Lower Upper

95 100

97 63.8 45.1 83.9

132 105.7 74.2 137.8

130 110.6 76.2 141.4



#35

Methylcyclohexane

Concen: 54.21 ug/L

RT: 6.133 min Scan# 1584

Delta R.T. -0.004 min

Lab File: VV021020.D

Acq: 15 Apr 2021 10:21

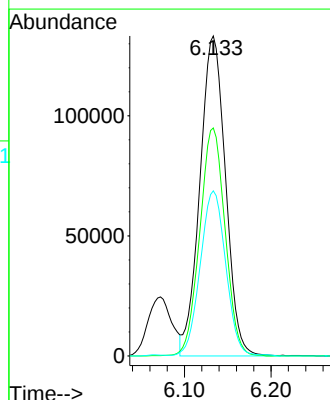
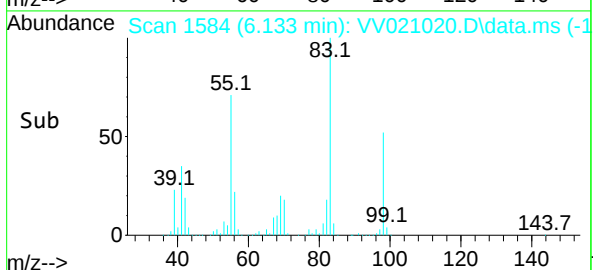
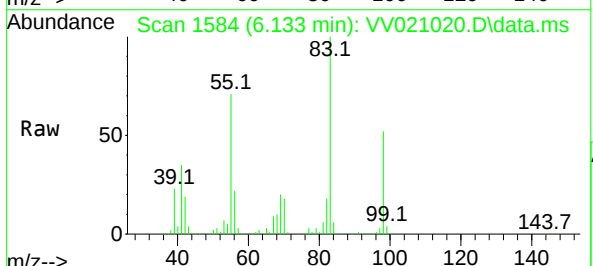
Tgt Ion: 83 Resp: 274004

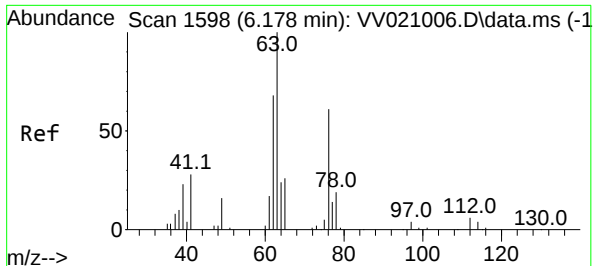
Ion Ratio Lower Upper

83 100

55 70.4 55.3 82.9

98 51.0 41.2 61.8

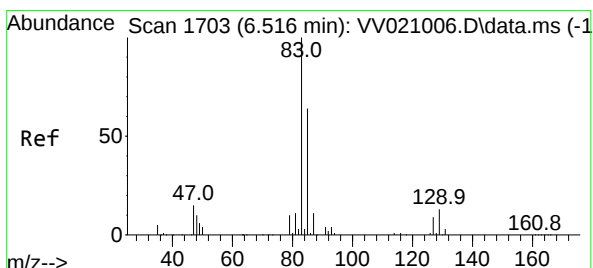
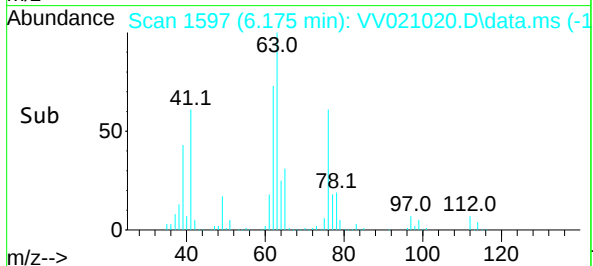
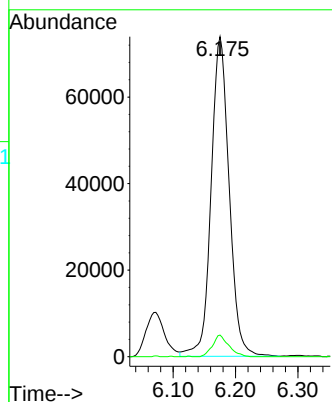
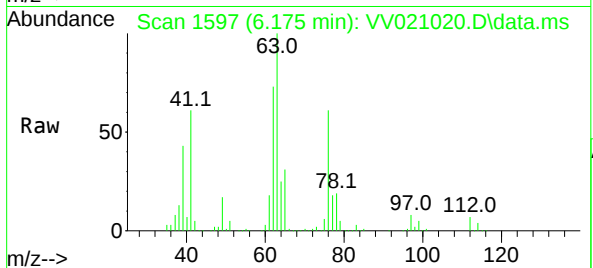




#37
1,2-Dichloropropane
Concen: 51.86 ug/L
RT: 6.175 min Scan# 1597
Delta R.T. -0.003 min
Lab File: VV021020.D
Acq: 15 Apr 2021 10:21

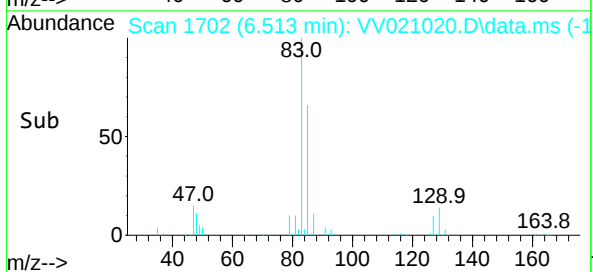
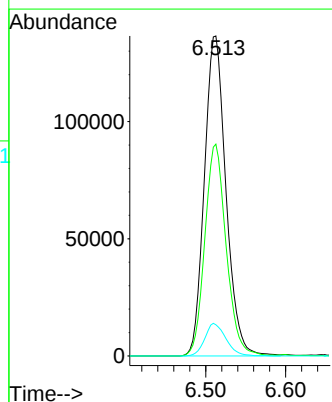
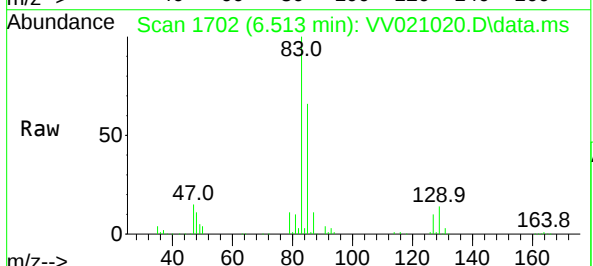
Instrument :
MSVOA_V
ClientSampled :

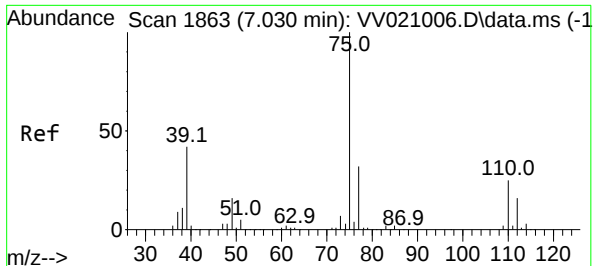
Tgt Ion: 63 Resp: 148457
Ion Ratio Lower Upper
63 100
112 6.1 4.8 7.2



#38
Bromodichloromethane
Concen: 52.58 ug/L
RT: 6.513 min Scan# 1702
Delta R.T. -0.003 min
Lab File: VV021020.D
Acq: 15 Apr 2021 10:21

Tgt Ion: 83 Resp: 256991
Ion Ratio Lower Upper
83 100
85 66.2 44.6 82.8
127 9.7 7.5 11.3

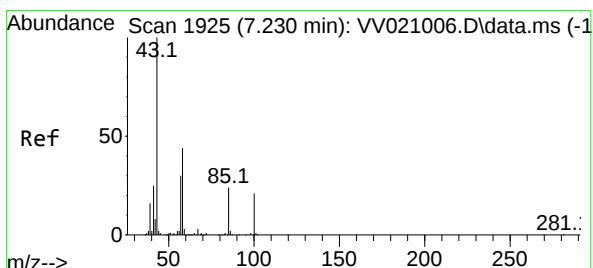
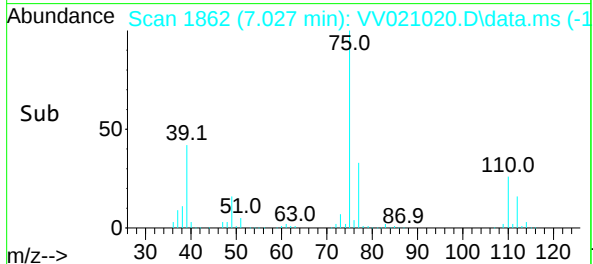
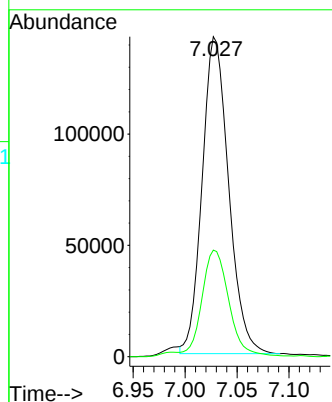
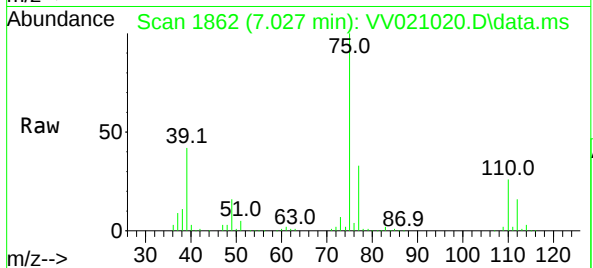




#39
 cis-1,3-Dichloropropene
 Concen: 50.39 ug/L
 RT: 7.027 min Scan# 1862
 Delta R.T. -0.003 min
 Lab File: VV021020.D
 Acq: 15 Apr 2021 10:21

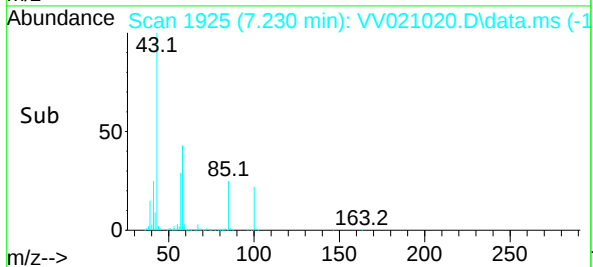
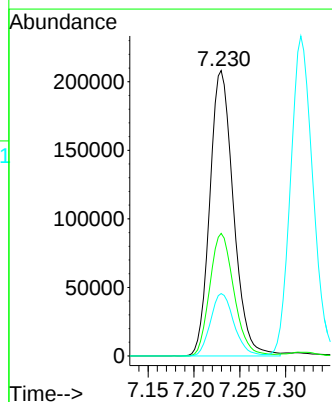
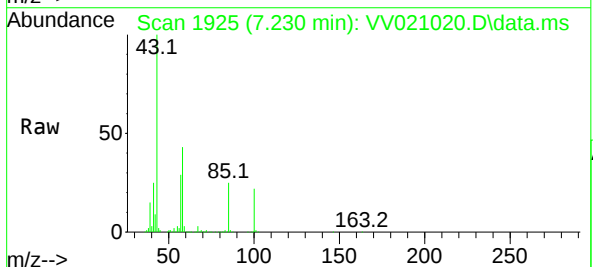
Instrument :
 MSVOA_V
 ClientSampled :

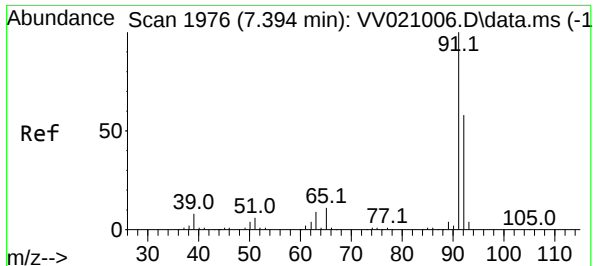
Tgt Ion: 75 Resp: 252231
 Ion Ratio Lower Upper
 75 100
 77 33.3 22.6 42.0



#40
 4-Methyl-2-pentanone
 Concen: 106.21 ug/L
 RT: 7.230 min Scan# 1925
 Delta R.T. -0.000 min
 Lab File: VV021020.D
 Acq: 15 Apr 2021 10:21

Tgt Ion: 43 Resp: 373479
 Ion Ratio Lower Upper
 43 100
 58 44.0 34.7 52.1
 100 21.7 17.5 26.3

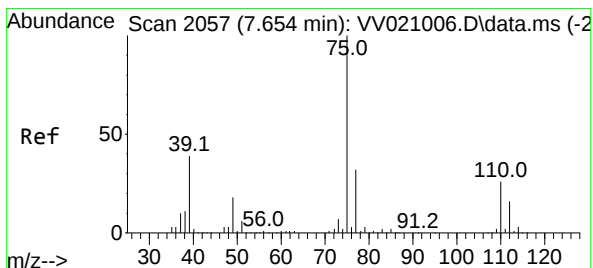
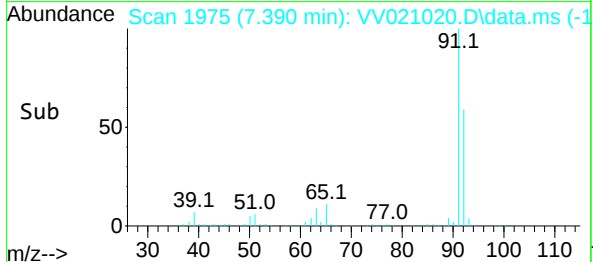
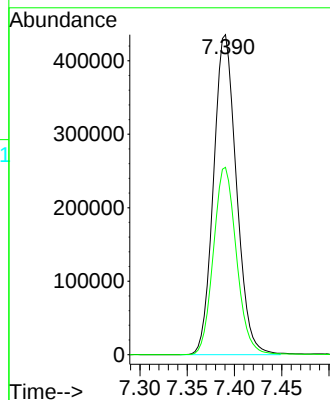
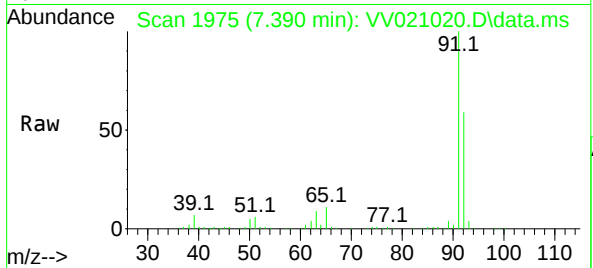




#42
Toluene
Concen: 53.98 ug/L
RT: 7.390 min Scan# 1975
Delta R.T. -0.004 min
Lab File: VV021020.D
Acq: 15 Apr 2021 10:21

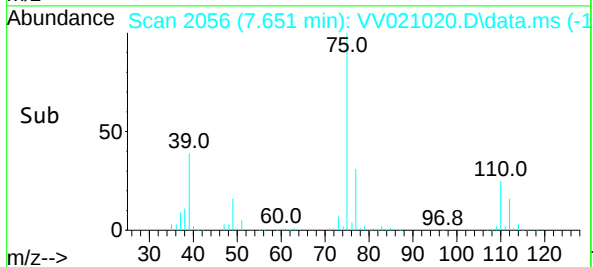
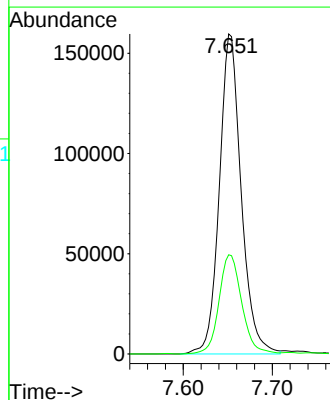
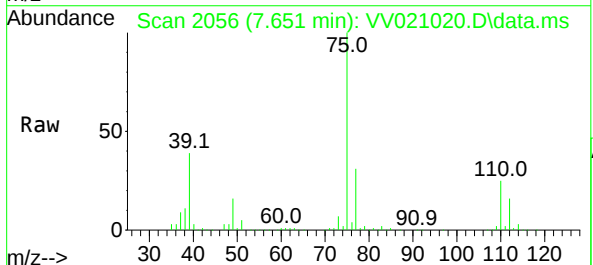
Instrument :
MSVOA_V
ClientSampled :

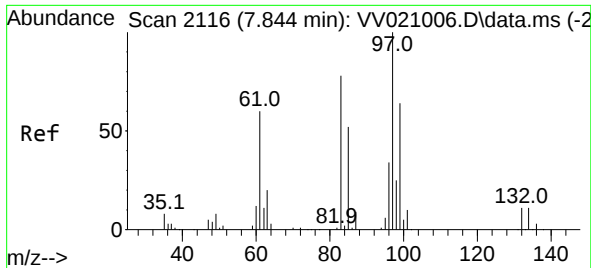
Tgt Ion: 91 Resp: 734899
Ion Ratio Lower Upper
91 100
92 58.6 40.5 75.3



#44
trans-1,3-Dichloropropene
Concen: 52.60 ug/L
RT: 7.651 min Scan# 2056
Delta R.T. -0.003 min
Lab File: VV021020.D
Acq: 15 Apr 2021 10:21

Tgt Ion: 75 Resp: 272009
Ion Ratio Lower Upper
75 100
77 31.0 22.3 41.3





#45

1,1,2-Trichloroethane

Concen: 51.17 ug/L

RT: 7.841 min Scan# 2115

Delta R.T. -0.003 min

Lab File: VV021020.D

Acq: 15 Apr 2021 10:21

Tgt Ion: 97 Resp: 170133

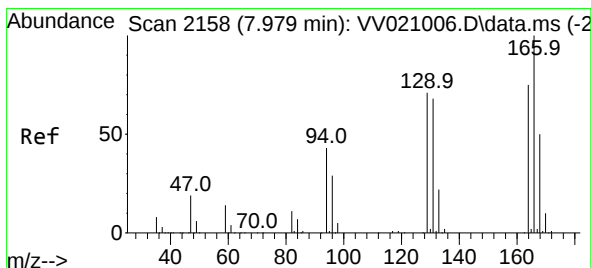
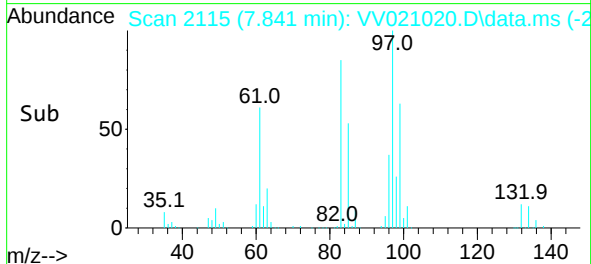
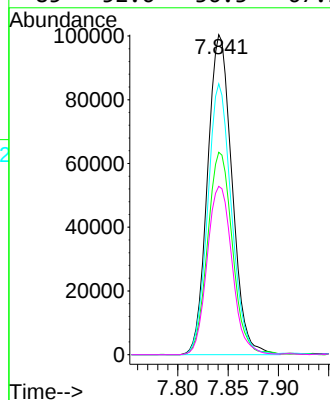
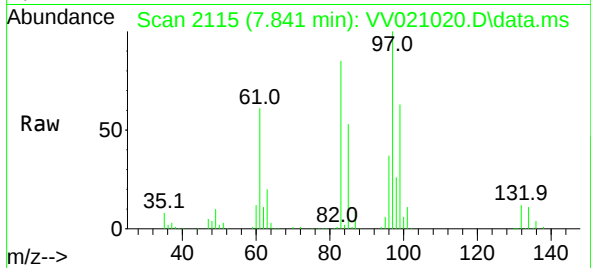
Ion Ratio Lower Upper

97 100

99 63.2 44.9 83.3

83 84.6 54.5 101.1

85 52.6 36.3 67.3



#46

Tetrachloroethene

Concen: 53.92 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. -0.000 min

Lab File: VV021020.D

Acq: 15 Apr 2021 10:21

Tgt Ion: 164 Resp: 178436

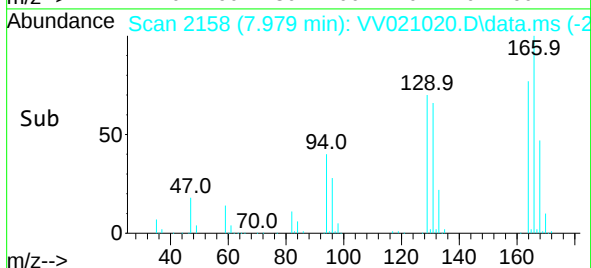
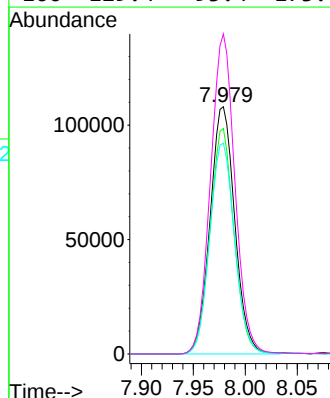
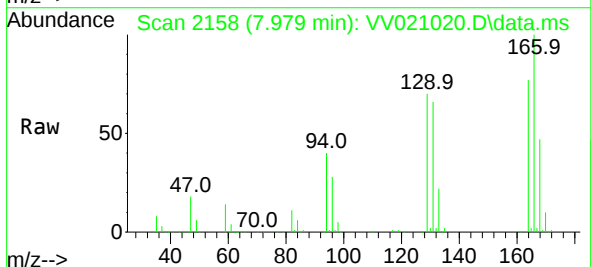
Ion Ratio Lower Upper

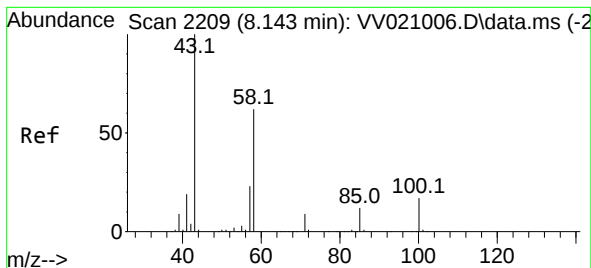
164 100

129 91.2 66.5 123.5

131 85.2 63.8 118.4

166 129.4 93.4 173.4





#48

2-Hexanone

Concen: 114.87 ug/L

RT: 8.143 min Scan# 2209

Delta R.T. -0.000 min

Lab File: VV021020.D

Acq: 15 Apr 2021 10:21

Tgt Ion: 43 Resp: 313183

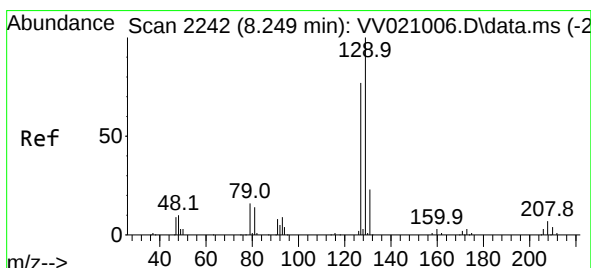
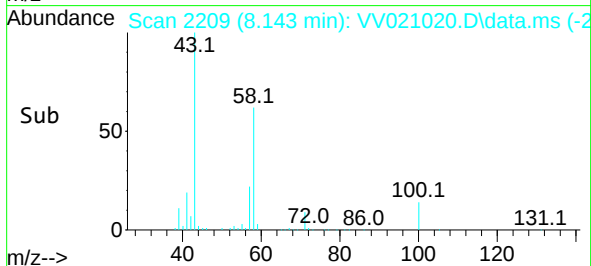
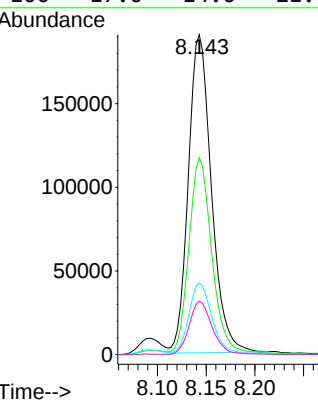
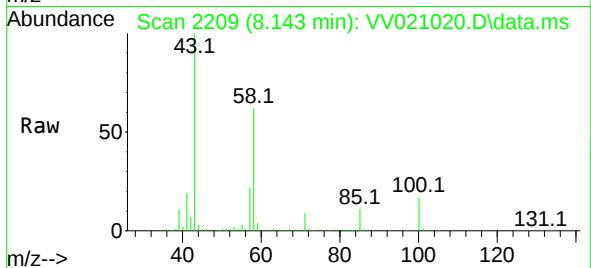
Ion Ratio Lower Upper

43 100

58 62.4 47.5 71.3

57 21.9 19.6 29.4

100 17.0 14.0 21.0



#49

Dibromochloromethane

Concen: 53.17 ug/L

RT: 8.249 min Scan# 2242

Delta R.T. -0.000 min

Lab File: VV021020.D

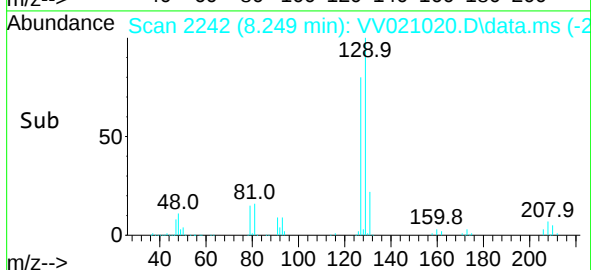
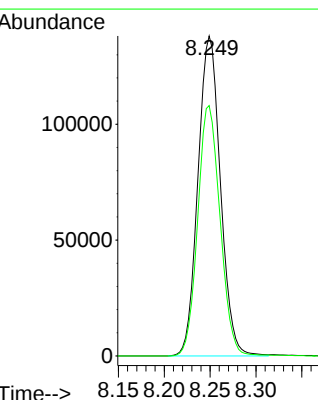
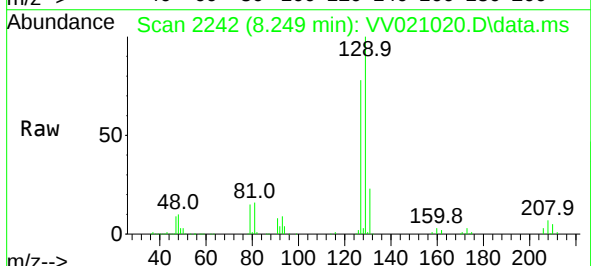
Acq: 15 Apr 2021 10:21

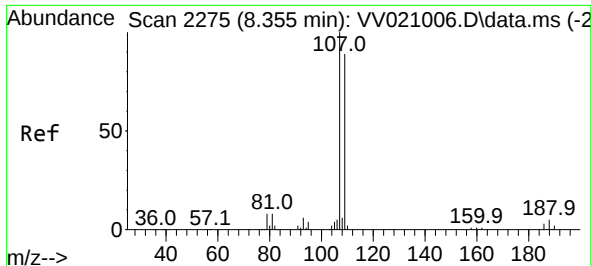
Tgt Ion: 129 Resp: 235463

Ion Ratio Lower Upper

129 100

127 78.3 54.0 100.2

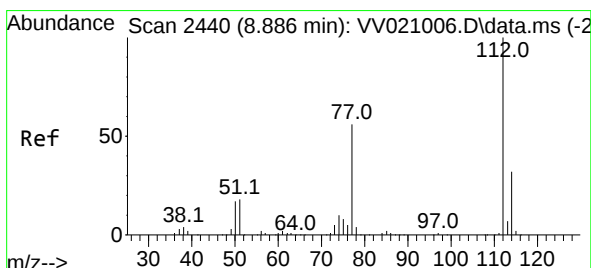
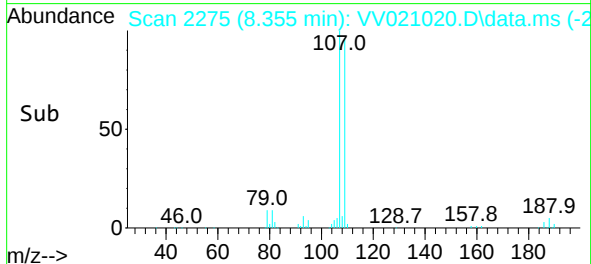
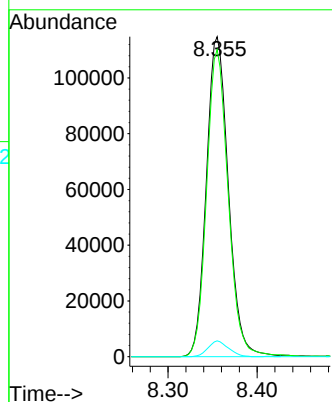
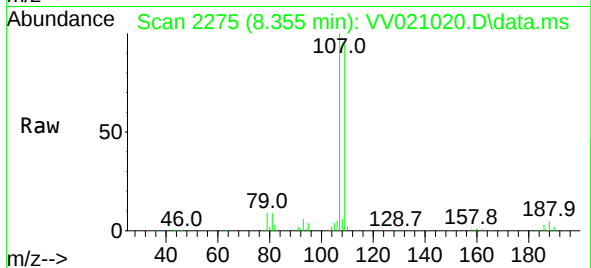




#50
1,2-Dibromoethane
Concen: 53.22 ug/L
RT: 8.355 min Scan# 2275
Delta R.T. 0.000 min
Lab File: VV021020.D
Acq: 15 Apr 2021 10:21

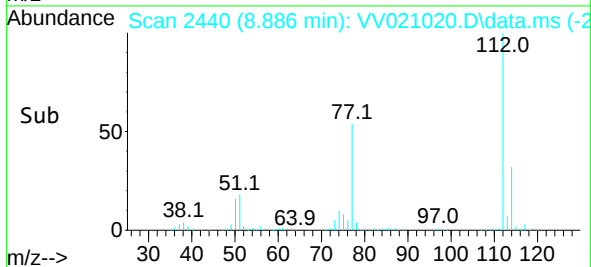
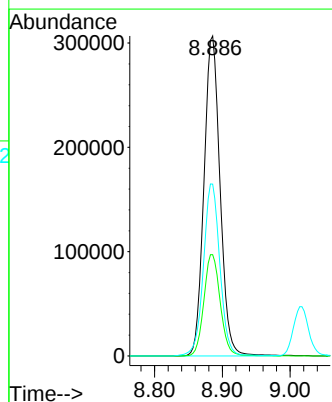
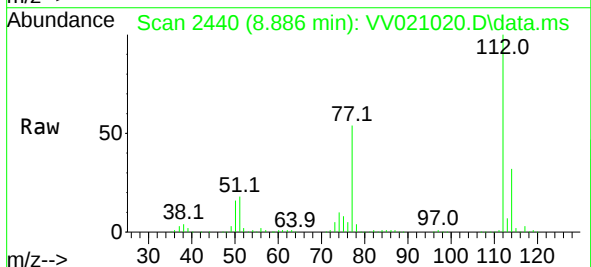
Instrument :
MSVOA_V
ClientSampleId :

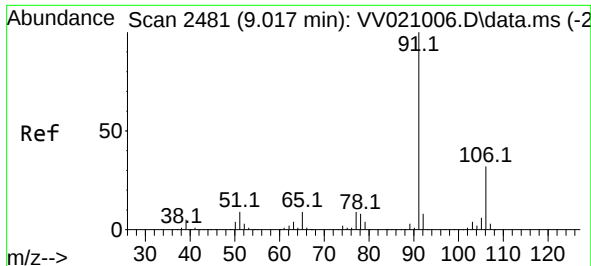
Tgt Ion:107 Resp: 196837
Ion Ratio Lower Upper
107 100
109 95.9 62.2 115.6
188 4.9 3.8 5.8



#51
Chlorobenzene
Concen: 52.78 ug/L
RT: 8.886 min Scan# 2440
Delta R.T. -0.000 min
Lab File: VV021020.D
Acq: 15 Apr 2021 10:21

Tgt Ion:112 Resp: 506276
Ion Ratio Lower Upper
112 100
114 31.6 22.2 41.2
77 53.7 44.8 67.2





#52

Ethylbenzene

Concen: 54.44 ug/L

RT: 9.014 min Scan# 2480

Delta R.T. -0.003 min

Lab File: VV021020.D

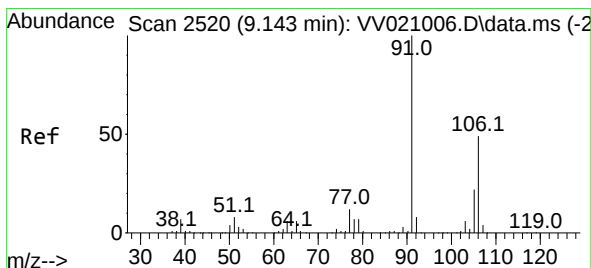
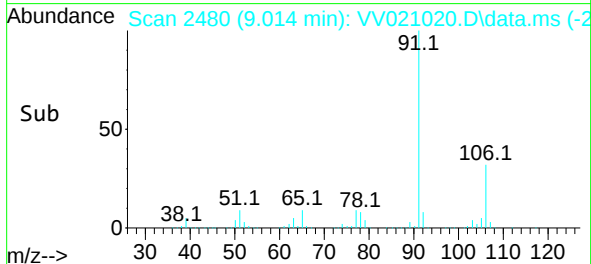
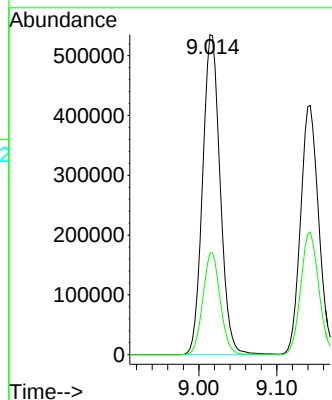
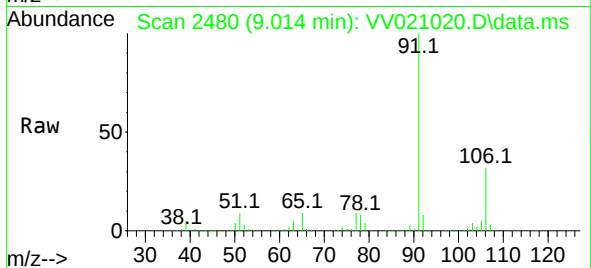
Acq: 15 Apr 2021 10:21

Tgt Ion: 91 Resp: 838596

Ion Ratio Lower Upper

91 100

106 31.7 22.1 41.1



#53

m,p-Xylene

Concen: 54.63 ug/L

RT: 9.143 min Scan# 2520

Delta R.T. -0.000 min

Lab File: VV021020.D

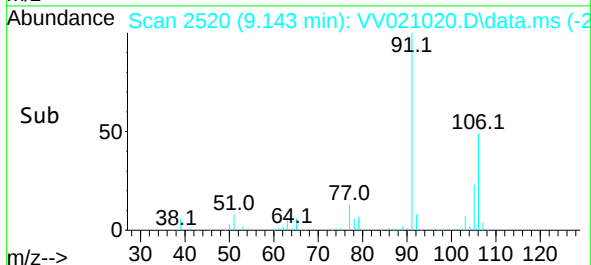
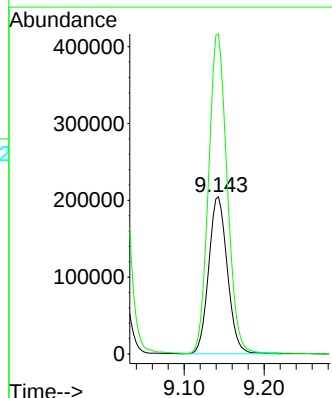
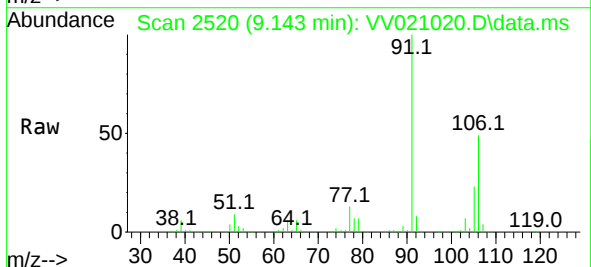
Acq: 15 Apr 2021 10:21

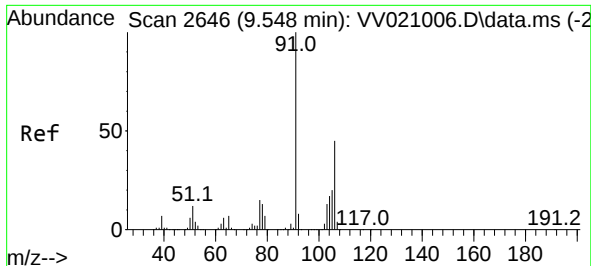
Tgt Ion: 106 Resp: 331042

Ion Ratio Lower Upper

106 100

91 203.6 143.3 266.1

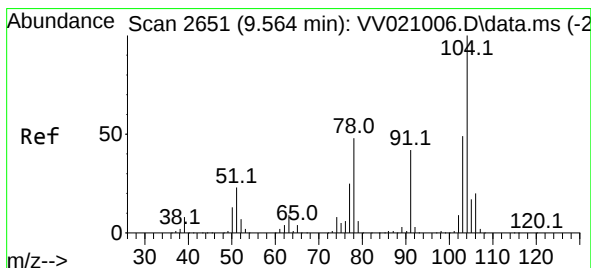
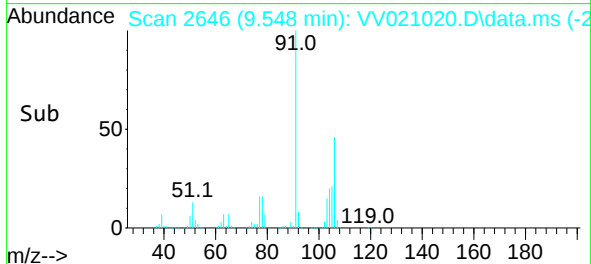
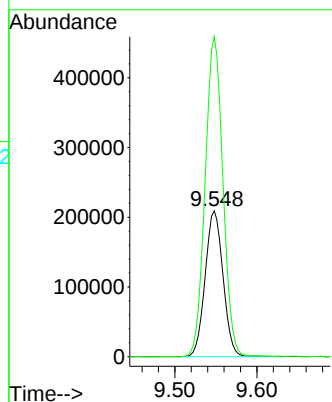
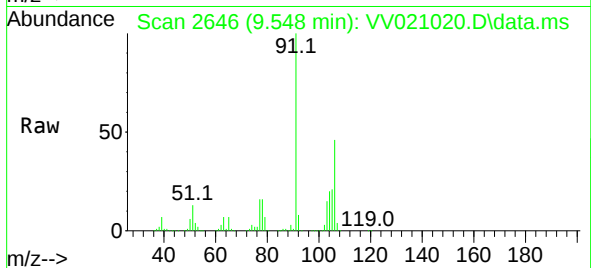




#54
o-Xylene
Concen: 54.01 ug/L
RT: 9.548 min Scan# 2646
Delta R.T. -0.000 min
Lab File: VV021020.D
Acq: 15 Apr 2021 10:21

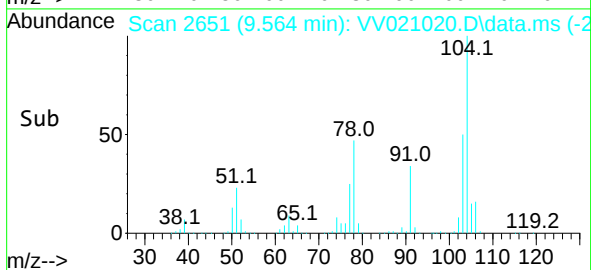
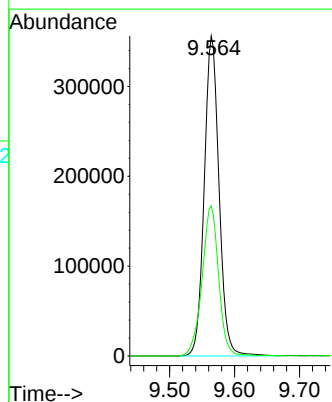
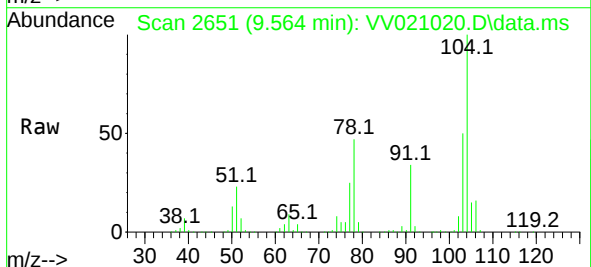
Instrument :
MSVOA_V
ClientSampled :

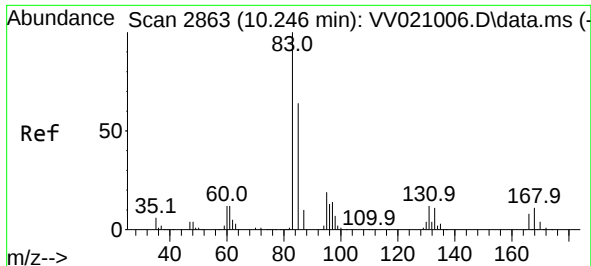
Tgt Ion:106 Resp: 316337
Ion Ratio Lower Upper
106 100
91 219.4 154.5 286.9



#55
Styrene
Concen: 56.34 ug/L
RT: 9.564 min Scan# 2651
Delta R.T. 0.000 min
Lab File: VV021020.D
Acq: 15 Apr 2021 10:21

Tgt Ion:104 Resp: 565814
Ion Ratio Lower Upper
104 100
78 46.9 33.4 62.0

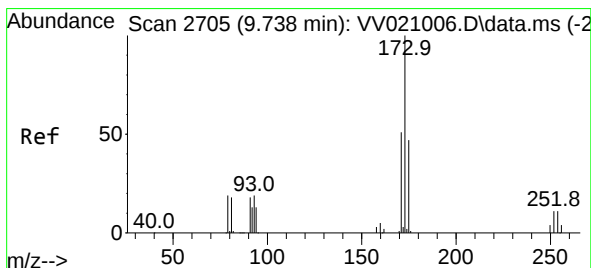
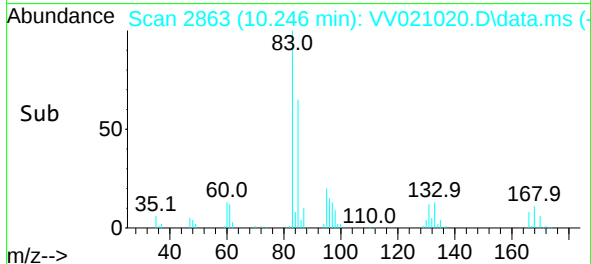
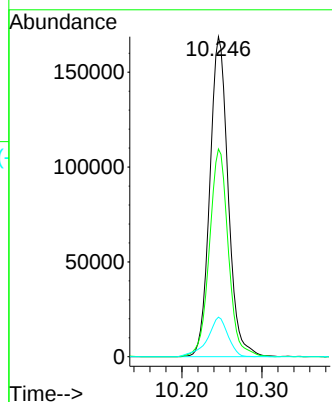
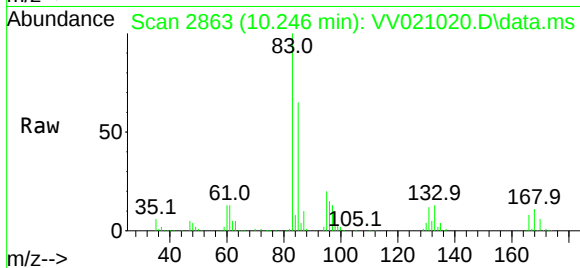




#57
1,1,2,2-Tetrachloroethane
Concen: 50.97 ug/L
RT: 10.246 min Scan# 2863
Delta R.T. -0.000 min
Lab File: VV021020.D
Acq: 15 Apr 2021 10:21

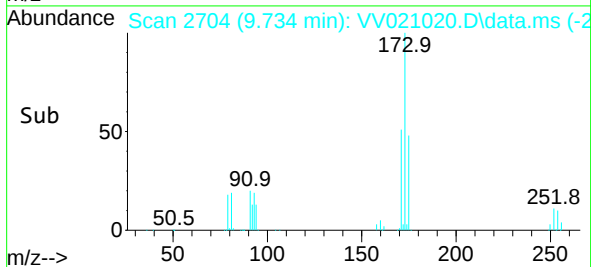
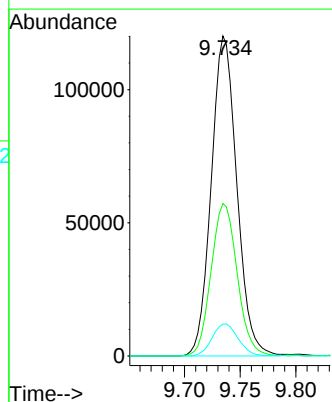
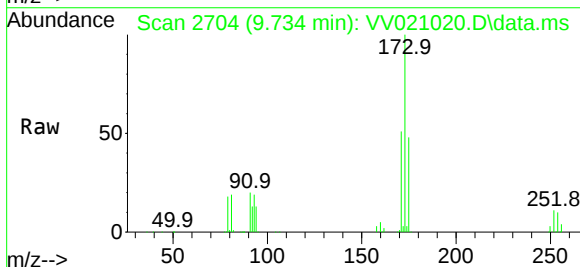
Instrument :
MSVOA_V
ClientSampleId :

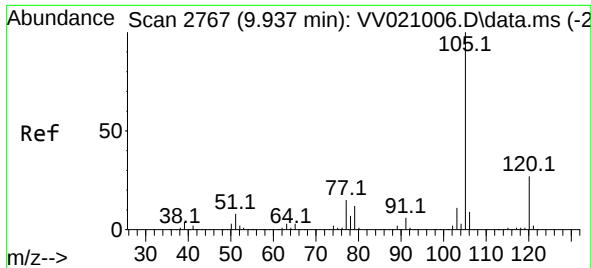
Tgt Ion: 83 Resp: 269276
Ion Ratio Lower Upper
83 100
85 64.9 44.7 83.1
131 12.4 10.0 15.0



#59
Bromoform
Concen: 49.91 ug/L
RT: 9.734 min Scan# 2704
Delta R.T. -0.004 min
Lab File: VV021020.D
Acq: 15 Apr 2021 10:21

Tgt Ion: 173 Resp: 191760
Ion Ratio Lower Upper
173 100
175 48.6 38.5 57.7
254 10.2 8.2 12.4

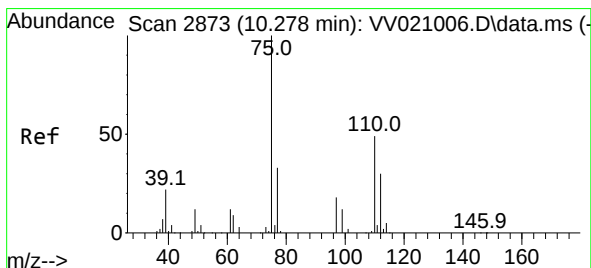
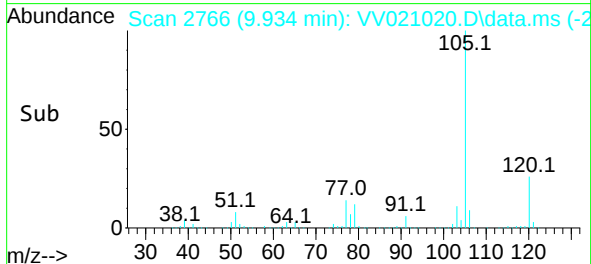
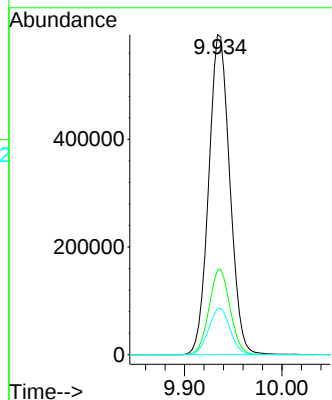
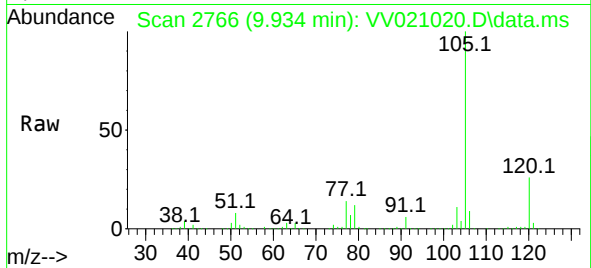




#60
Isopropylbenzene
Concen: 51.43 ug/L
RT: 9.934 min Scan# 2766
Delta R.T. -0.003 min
Lab File: VV021020.D
Acq: 15 Apr 2021 10:21

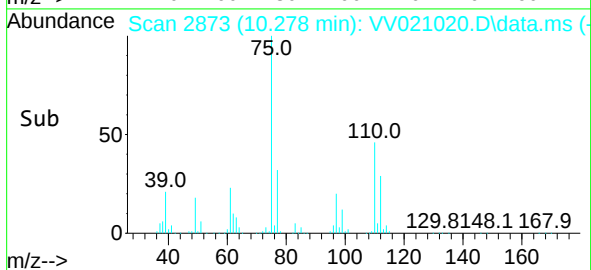
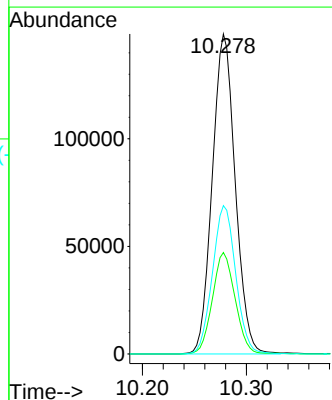
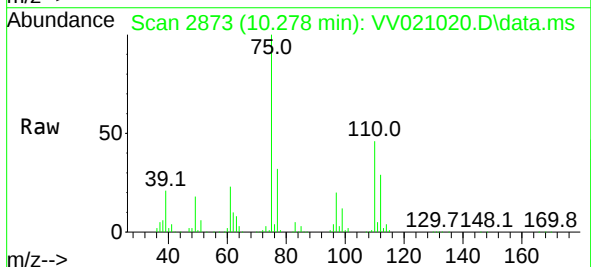
Instrument :
MSVOA_V
ClientSampleId :

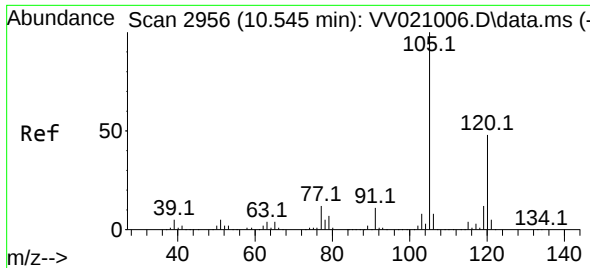
Tgt Ion:105 Resp: 894577
Ion Ratio Lower Upper
105 100
120 26.7 20.8 31.2
77 14.8 12.2 18.2



#61
1,2,3-Trichloropropane
Concen: 49.24 ug/L
RT: 10.278 min Scan# 2873
Delta R.T. -0.000 min
Lab File: VV021020.D
Acq: 15 Apr 2021 10:21

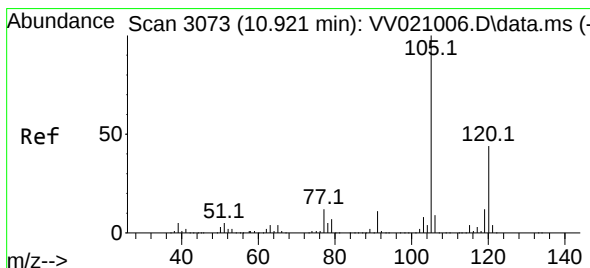
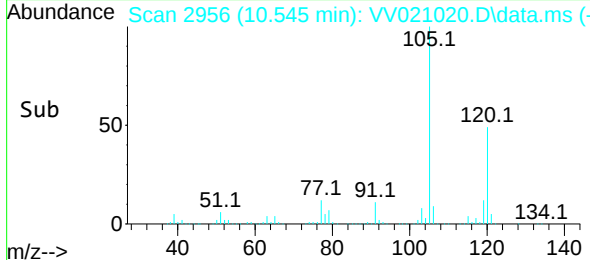
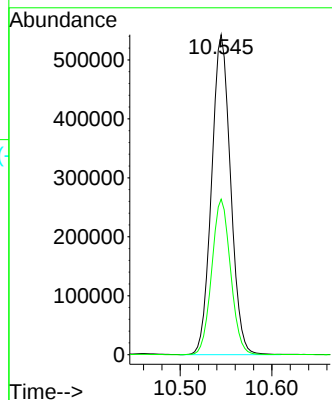
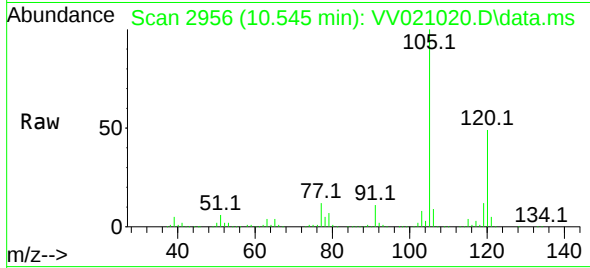
Tgt Ion: 75 Resp: 228315
Ion Ratio Lower Upper
75 100
77 31.3 25.8 38.8
110 47.0 38.6 57.8





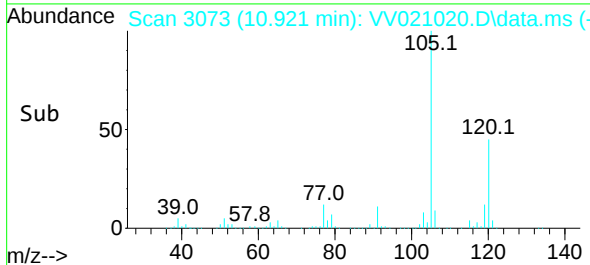
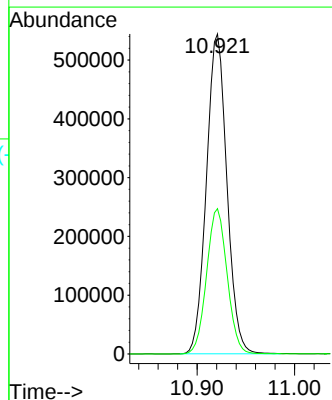
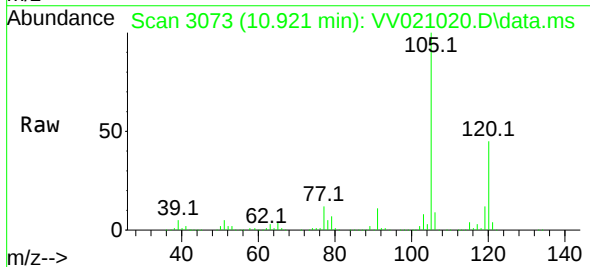
#62
1,3,5-Trimethylbenzene
Concen: 52.41 ug/L
RT: 10.545 min Scan# 2956
Delta R.T. -0.000 min
Lab File: VV021020.D
Acq: 15 Apr 2021 10:21

Tgt Ion:105 Resp: 780173
Ion Ratio Lower Upper
105 100
120 48.2 39.2 58.8

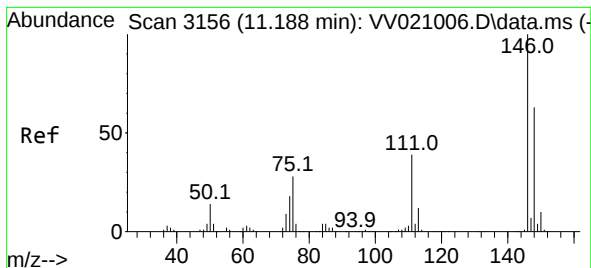


#63
1,2,4-Trimethylbenzene
Concen: 52.63 ug/L
RT: 10.921 min Scan# 3073
Delta R.T. -0.000 min
Lab File: VV021020.D
Acq: 15 Apr 2021 10:21

Tgt Ion:105 Resp: 795022
Ion Ratio Lower Upper
105 100
120 45.6 35.7 53.5



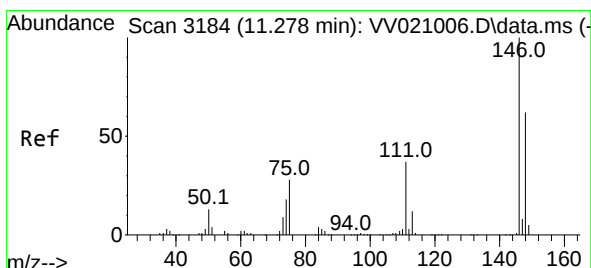
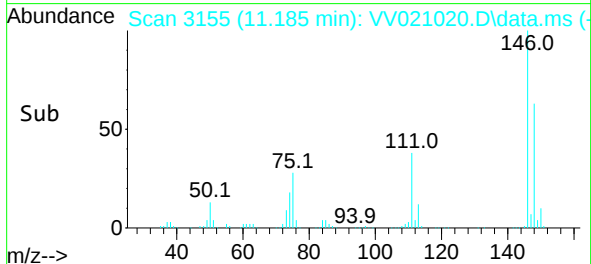
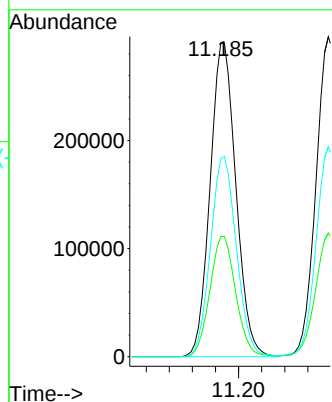
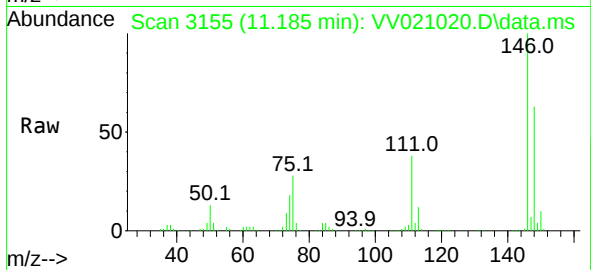
Instrument :
MSVOA_V
ClientSampled :



#64
1,3-Dichlorobenzene
Concen: 50.48 ug/L
RT: 11.185 min Scan# 3155
Delta R.T. -0.003 min
Lab File: VV021020.D
Acq: 15 Apr 2021 10:21

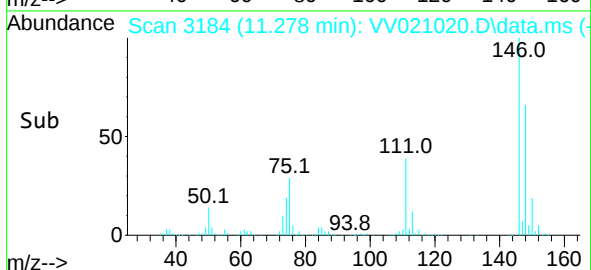
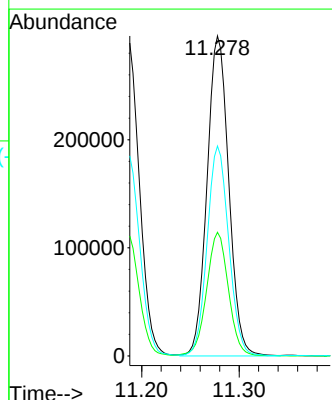
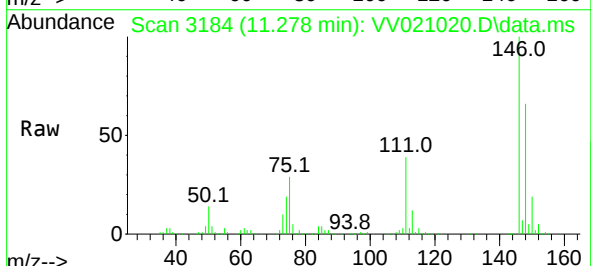
Instrument :
MSVOA_V
ClientSampleId :

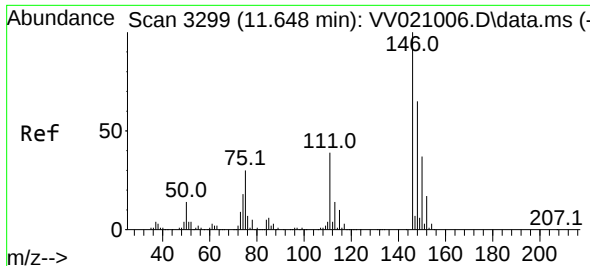
Tgt Ion:146 Resp: 450380
Ion Ratio Lower Upper
146 100
111 38.3 27.2 50.6
148 63.2 44.4 82.4



#65
1,4-Dichlorobenzene
Concen: 48.98 ug/L
RT: 11.278 min Scan# 3184
Delta R.T. -0.000 min
Lab File: VV021020.D
Acq: 15 Apr 2021 10:21

Tgt Ion:146 Resp: 458666
Ion Ratio Lower Upper
146 100
111 38.7 26.3 48.9
148 65.6 43.5 80.7

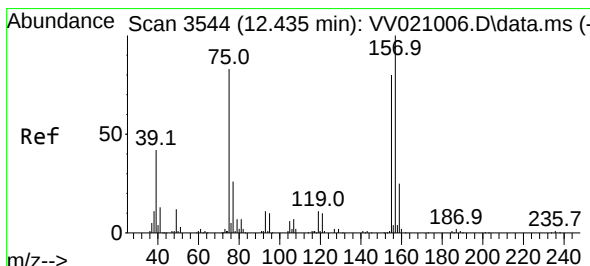
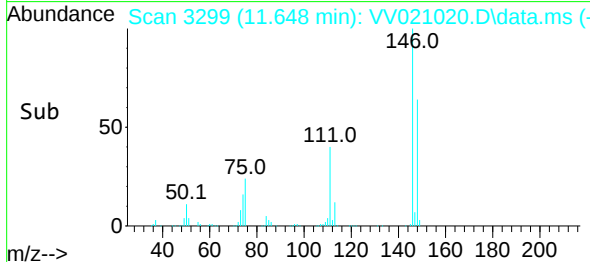
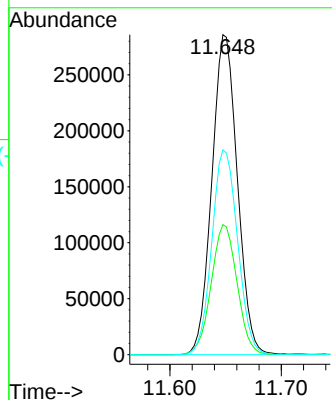
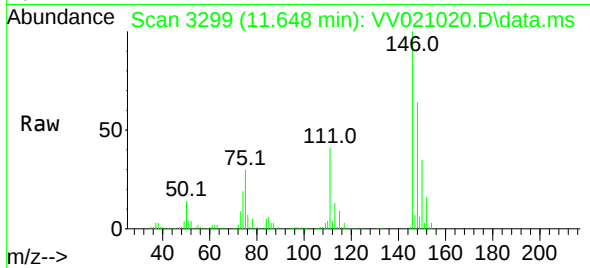




#67
1,2-Dichlorobenzene
Concen: 49.21 ug/L
RT: 11.648 min Scan# 3299
Delta R.T. -0.000 min
Lab File: VV021020.D
Acq: 15 Apr 2021 10:21

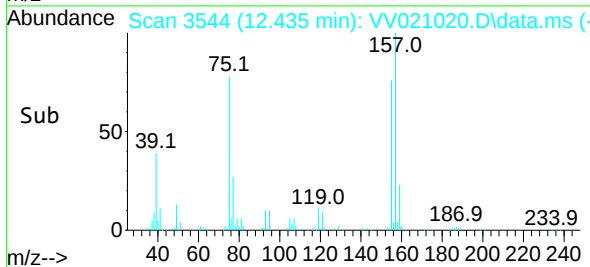
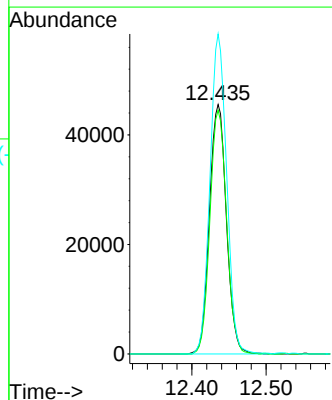
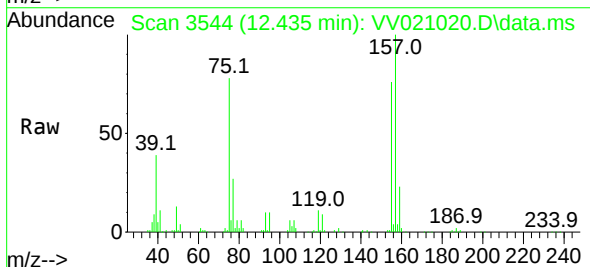
Instrument :
MSVOA_V
ClientSampleId :

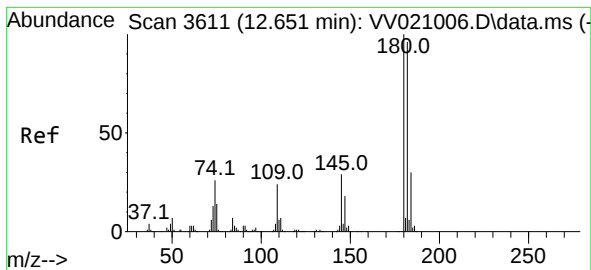
Tgt Ion:146 Resp: 455101
Ion Ratio Lower Upper
146 100
111 40.7 31.5 47.3
148 64.0 52.3 78.5



#68
1,2-Dibromo-3-chloropropane
Concen: 52.35 ug/L
RT: 12.435 min Scan# 3544
Delta R.T. 0.000 min
Lab File: VV021020.D
Acq: 15 Apr 2021 10:21

Tgt Ion: 75 Resp: 72307
Ion Ratio Lower Upper
75 100
155 97.7 77.4 116.0
157 128.3 96.8 145.2

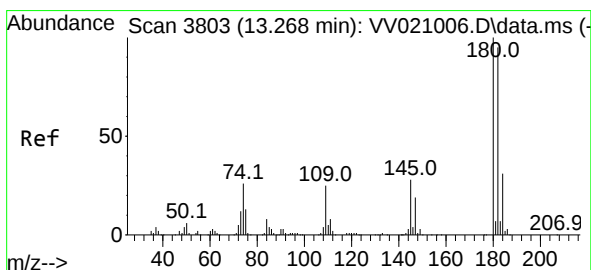
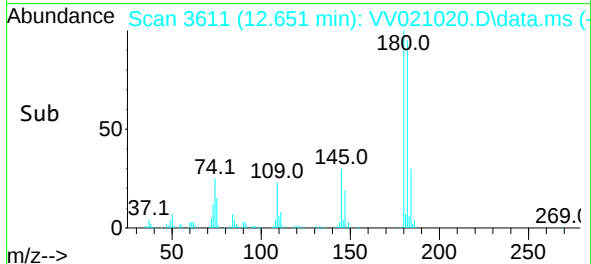
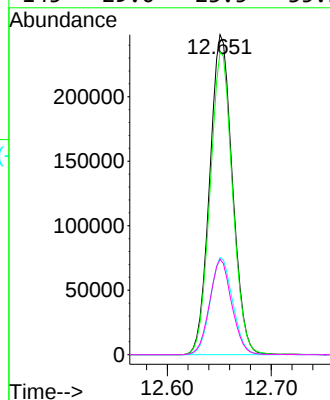
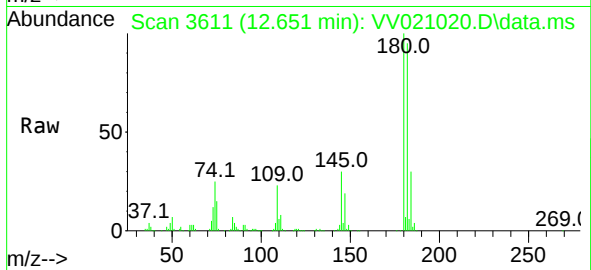




#69
 1,3,5-Trichlorobenzene
 Concen: 53.56 ug/L
 RT: 12.651 min Scan# 3611
 Delta R.T. -0.000 min
 Lab File: VV021020.D
 Acq: 15 Apr 2021 10:21

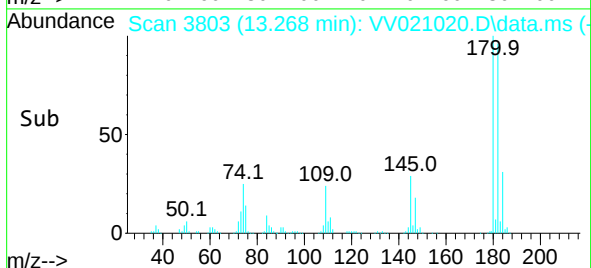
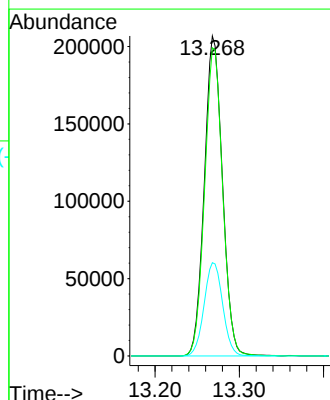
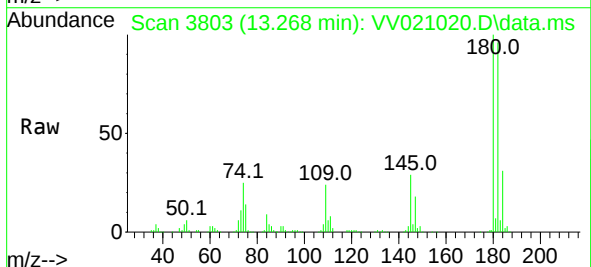
Instrument :
 MSVOA_V
 ClientSampled :

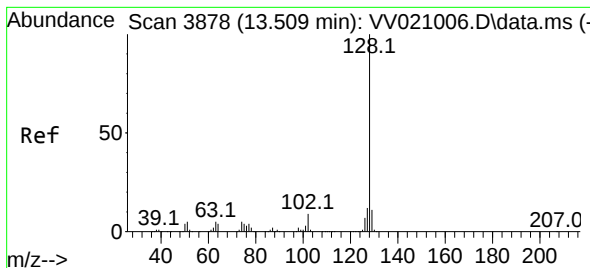
Tgt Ion:	180	Resp:	376209
Ion	Ratio	Lower	Upper
180	100		
182	93.5	77.4	116.2
184	30.0	25.0	37.4
145	29.0	23.5	35.3



#70
 1,2,4-trichlorobenzene
 Concen: 53.29 ug/L
 RT: 13.268 min Scan# 3803
 Delta R.T. 0.000 min
 Lab File: VV021020.D
 Acq: 15 Apr 2021 10:21

Tgt Ion:	180	Resp:	309515
Ion	Ratio	Lower	Upper
180	100		
182	96.1	75.8	113.8
145	30.0	22.9	34.3

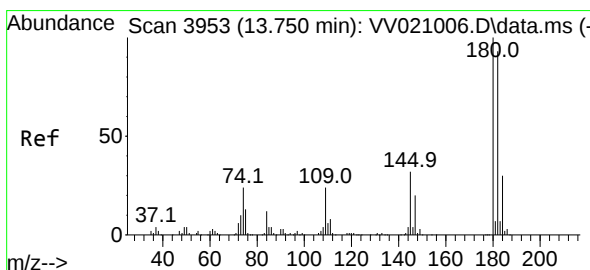
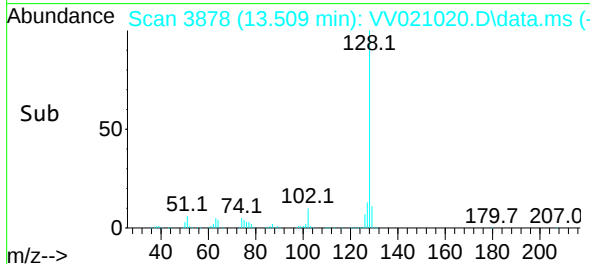
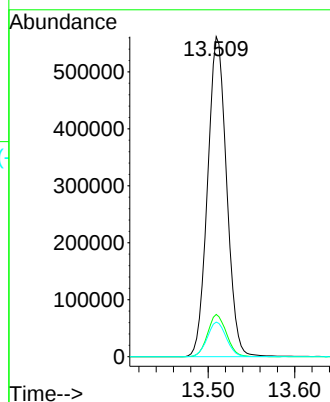
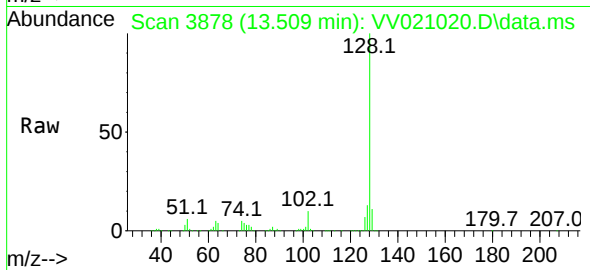




#71
Naphthalene
Concen: 56.67 ug/L
RT: 13.509 min Scan# 3878
Delta R.T. 0.000 min
Lab File: VV021020.D
Acq: 15 Apr 2021 10:21

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion:128 Resp: 857548
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.2
129 10.8 8.9 13.3



#72
1,2,3-Trichlorobenzene
Concen: 54.97 ug/L
RT: 13.750 min Scan# 3953
Delta R.T. 0.000 min
Lab File: VV021020.D
Acq: 15 Apr 2021 10:21

Tgt Ion:180 Resp: 321078
Ion Ratio Lower Upper
180 100
182 96.2 75.7 113.5
145 32.1 25.6 38.4

