

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV042321\
 Data File : VV021133.D
 Acq On : 23 Apr 2021 20:57
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 24 03:48:10 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM042121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 24 03:42:40 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	713541	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	702814	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.255	152	400638	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	210257	35.86	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	71.72%		
7) Chloroethane-d5	1.571	69	169822	39.37	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	78.74%		
11) 1,1-Dichloroethene-d2	2.111	63	447296	41.36	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	82.72%		
21) 2-Butanone-d5	3.915	46	303140	105.88	ug/L	0.02
Spiked Amount 100.000	Range 40 - 130		Recovery =	105.88%		
24) Chloroform-d	4.352	84	461915	44.19	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.38%		
26) 1,2-Dichloroethane-d4	5.037	65	308067	46.36	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.72%		
32) Benzene-d6	5.053	84	811683	43.36	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	86.72%		
36) 1,2-Dichloropropane-d6	6.072	67	253744	45.42	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	90.84%		
41) Toluene-d8	7.320	98	813581	44.91	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	89.82%		
43) trans-1,3-Dichloroprop...	7.625	79	137628	45.08	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	90.16%		
47) 2-Hexanone-d5	8.095	63	244074	110.14	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	110.14%		
56) 1,1,2,2-Tetrachloroeth...	10.223	84	394876	46.86	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	93.72%		
66) 1,2-Dichlorobenzene-d4	11.631	152	368384	46.55	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	93.10%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.130	85	336482	46.71	ug/L	99
3) Chloromethane	1.243	50	296469	47.81	ug/L	99
5) Vinyl chloride	1.310	62	304262	47.93	ug/L	100
6) Bromomethane	1.526	94	206823	48.36	ug/L	99
8) Chloroethane	1.587	64	178383	47.63	ug/L	99
9) Trichlorofluoromethane	1.754	101	542449	47.96	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	259548	46.26	ug/L	99
12) 1,1-Dichloroethene	2.121	96	241666	47.44	ug/L	87
13) Acetone	2.211	43	234589	87.72	ug/L	93
14) Carbon disulfide	2.294	76	673186	48.18	ug/L	99
15) Methyl Acetate	2.442	43	240560	54.39	ug/L	99
16) Methylene chloride	2.510	84	259176	48.79	ug/L	98
17) trans-1,2-Dichloroethene	2.760	96	240912	49.22	ug/L	96
18) Methyl tert-butyl Ether	2.773	73	788726	52.50	ug/L	99
19) 1,1-Dichloroethane	3.191	63	445511	50.44	ug/L	98
20) cis-1,2-Dichloroethene	3.915	96	261322	50.03	ug/L	97
23) Bromochloromethane	4.249	128	152081	50.52	ug/L	98
25) Chloroform	4.378	83	505995	50.90	ug/L	99
27) 1,2-Dichloroethane	5.133	62	404753	51.14	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV042321\
 Data File : VV021133.D
 Acq On : 23 Apr 2021 20:57
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 26 Sample Multiplier: 1

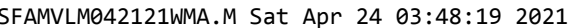
Instrument :
 MSVOA_V
 ClientSampleId :

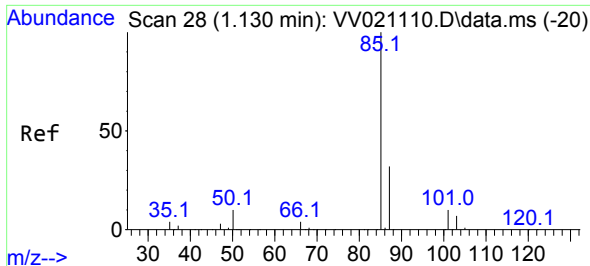
Quant Time: Apr 24 03:48:10 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM042121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 24 03:42:40 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	4.680	56	360534	50.41	ug/L	100
30) 1,1,1-Trichloroethane	4.612	97	485039	51.52	ug/L	99
31) Carbon tetrachloride	4.831	117	435731	50.11	ug/L	99
33) Benzene	5.104	78	995704	50.82	ug/L	100
34) Trichloroethene	5.918	95	273702	50.48	ug/L	98
35) Methylcyclohexane	6.133	83	399394	49.01	ug/L	99
37) 1,2-Dichloropropane	6.178	63	246194	51.16	ug/L	99
38) Bromodichloromethane	6.513	83	379631	50.62	ug/L	100
39) cis-1,3-Dichloropropene	7.030	75	404144	51.49	ug/L	99
40) 4-Methyl-2-pentanone	7.230	43	652977	112.25	ug/L	99
42) Toluene	7.390	91	1126418	52.37	ug/L	99
44) trans-1,3-Dichloropropene	7.654	75	417323	51.38	ug/L	99
45) 1,1,2-Trichloroethane	7.844	97	265449	50.78	ug/L	96
46) Tetrachloroethene	7.979	164	235925	48.65	ug/L	99
48) 2-Hexanone	8.143	43	530942	115.90	ug/L	97
49) Dibromochloromethane	8.249	129	328694	51.06	ug/L	99
50) 1,2-Dibromoethane	8.355	107	295108	52.23	ug/L	99
51) Chlorobenzene	8.886	112	737918	49.89	ug/L	99
52) Ethylbenzene	9.017	91	1247984	52.33	ug/L	100
53) m,p-Xylene	9.143	106	482376	53.08	ug/L	98
54) o-Xylene	9.548	106	477046	53.44	ug/L	99
55) Styrene	9.564	104	823265	54.59	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.246	83	424014	51.04	ug/L	98
59) Bromoform	9.734	173	246604	50.22	ug/L	100
60) Isopropylbenzene	9.937	105	1281930	53.53	ug/L	99
61) 1,2,3-Trichloropropane	10.281	75	362253	53.63	ug/L	99
62) 1,3,5-Trimethylbenzene	10.545	105	1098117	54.00	ug/L	99
63) 1,2,4-Trimethylbenzene	10.921	105	1108077	54.63	ug/L	99
64) 1,3-Dichlorobenzene	11.188	146	624420	52.34	ug/L	99
65) 1,4-Dichlorobenzene	11.278	146	618942	50.50	ug/L	99
67) 1,2-Dichlorobenzene	11.648	146	632036	51.32	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.435	75	107806	53.24	ug/L	96
69) 1,3,5-Trichlorobenzene	12.651	180	457669	49.32	ug/L	98
70) 1,2,4-trichlorobenzene	13.268	180	385876	50.74	ug/L	99
71) Naphthalene	13.509	128	1204783	56.87	ug/L	100
72) 1,2,3-Trichlorobenzene	13.754	180	411727	53.06	ug/L	99

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

Quant Time: Apr 24 03:48:10 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM042121WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 24 03:42:40 2021
Response via : Initial Calibration

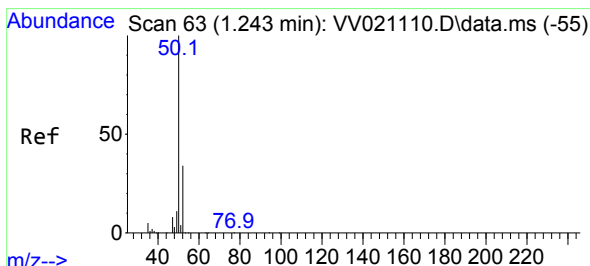
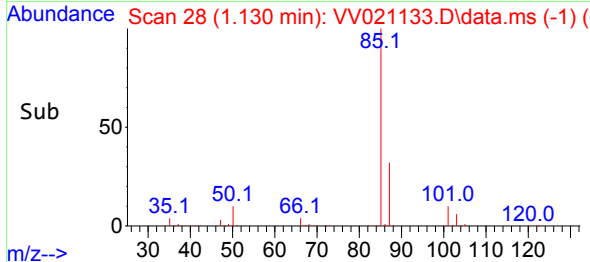
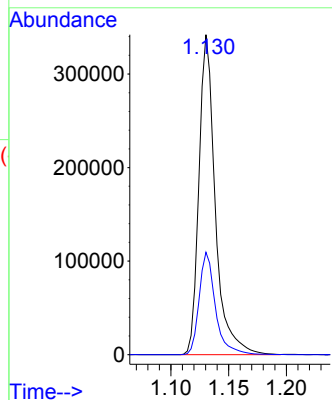
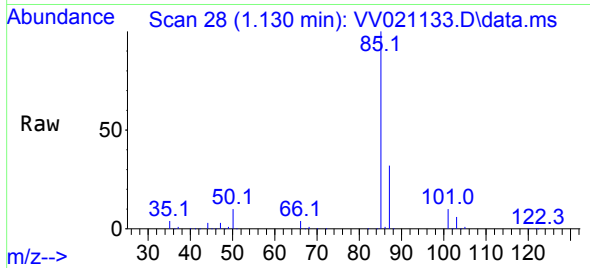




#2
Dichlorodifluoromethane
Concen: 46.71 ug/L
RT: 1.130 min Scan# 28
Delta R.T. -0.000 min
Lab File: VV021133.D
Acq: 23 Apr 2021 20:57

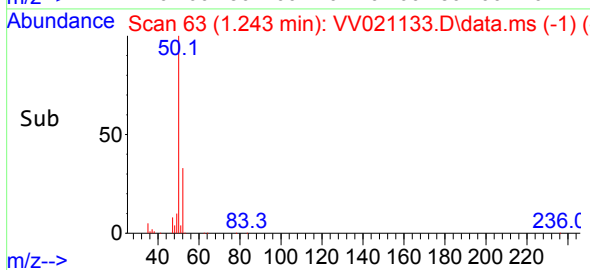
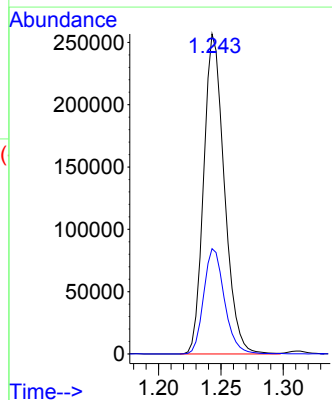
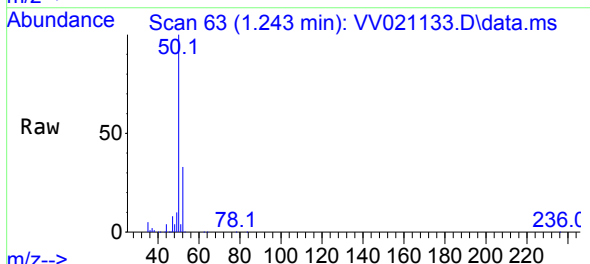
Instrument :
MSVOA_V
ClientSampled :

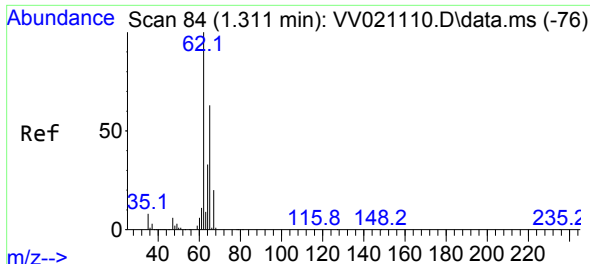
Tgt Ion: 85 Resp: 336482
Ion Ratio Lower Upper
85 100
87 32.0 25.8 38.8



#3
Chloromethane
Concen: 47.81 ug/L
RT: 1.243 min Scan# 63
Delta R.T. -0.000 min
Lab File: VV021133.D
Acq: 23 Apr 2021 20:57

Tgt Ion: 50 Resp: 296469
Ion Ratio Lower Upper
50 100
52 32.9 22.7 42.1

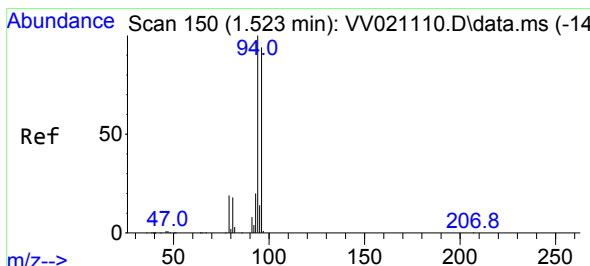
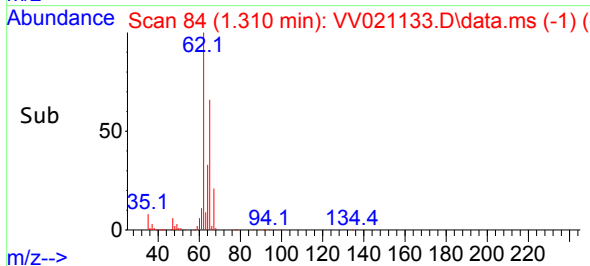
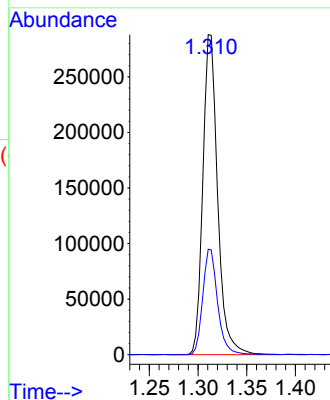
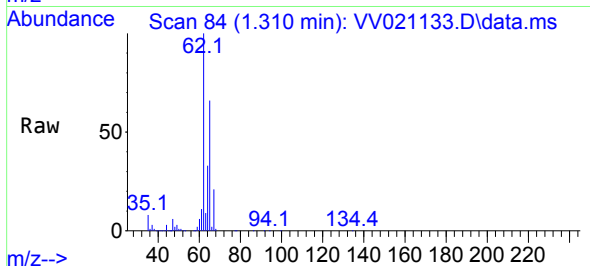




#5
 Vinyl chloride
 Concen: 47.93 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. -0.000 min
 Lab File: VV021133.D
 Acq: 23 Apr 2021 20:57

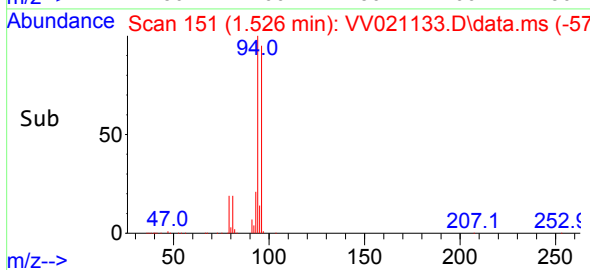
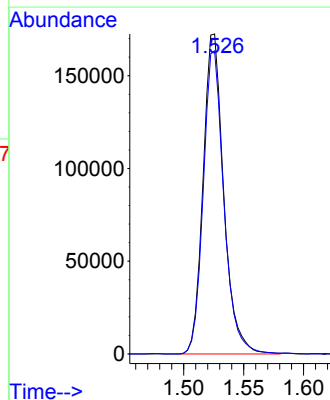
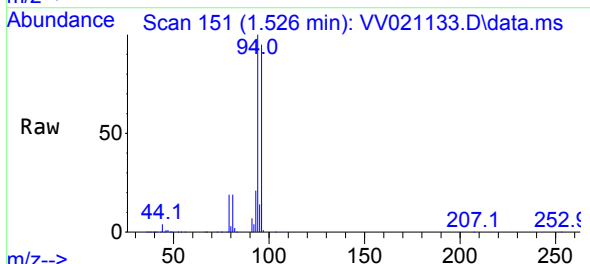
Instrument :
 MSVOA_V
 ClientSampled :

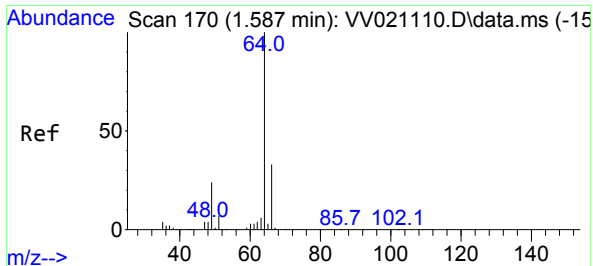
Tgt Ion: 62 Resp: 304262
 Ion Ratio Lower Upper
 62 100
 64 33.0 23.2 43.2



#6
 Bromomethane
 Concen: 48.36 ug/L
 RT: 1.526 min Scan# 151
 Delta R.T. 0.003 min
 Lab File: VV021133.D
 Acq: 23 Apr 2021 20:57

Tgt Ion: 94 Resp: 206823
 Ion Ratio Lower Upper
 94 100
 96 94.7 65.7 122.1

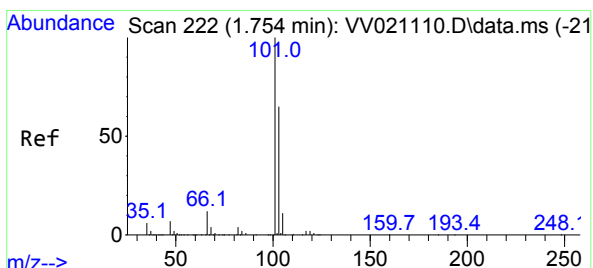
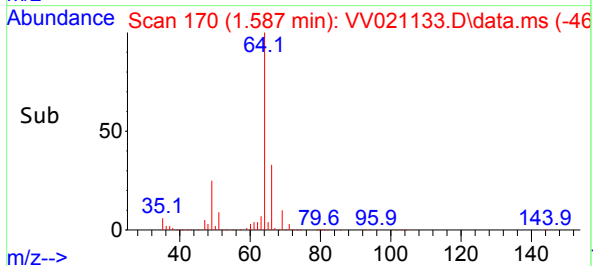
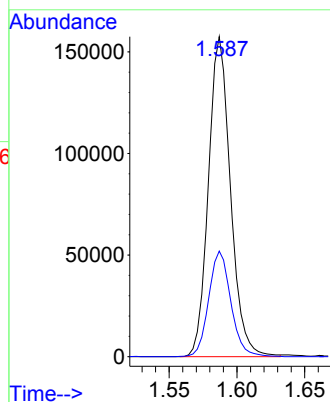
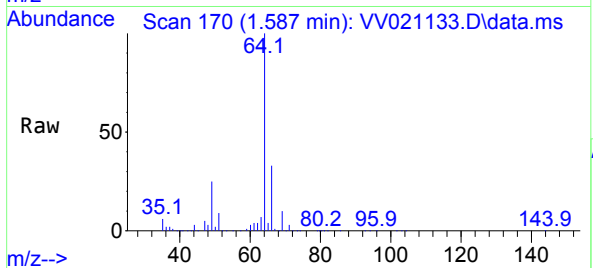




#8
Chloroethane
Concen: 47.63 ug/L
RT: 1.587 min Scan# 170
Delta R.T. -0.000 min
Lab File: VV021133.D
Acq: 23 Apr 2021 20:57

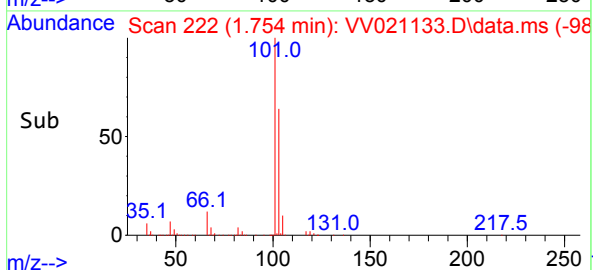
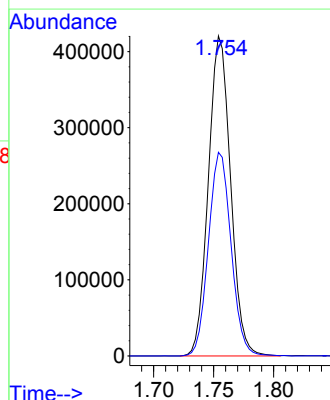
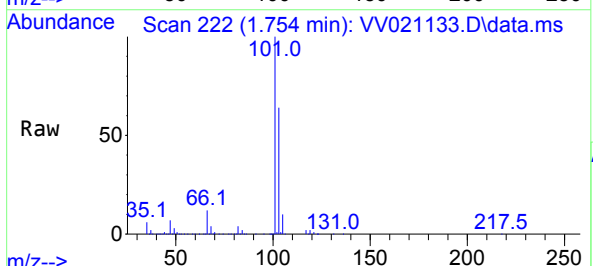
Instrument :
MSVOA_V
ClientSampled :

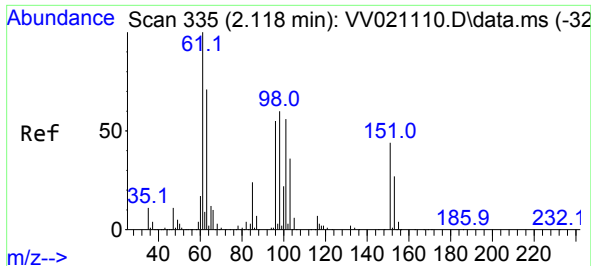
Tgt Ion: 64 Resp: 178383
Ion Ratio Lower Upper
64 100
66 33.0 23.7 43.9



#9
Trichlorofluoromethane
Concen: 47.96 ug/L
RT: 1.754 min Scan# 222
Delta R.T. -0.000 min
Lab File: VV021133.D
Acq: 23 Apr 2021 20:57

Tgt Ion:101 Resp: 542449
Ion Ratio Lower Upper
101 100
103 64.7 53.0 79.6

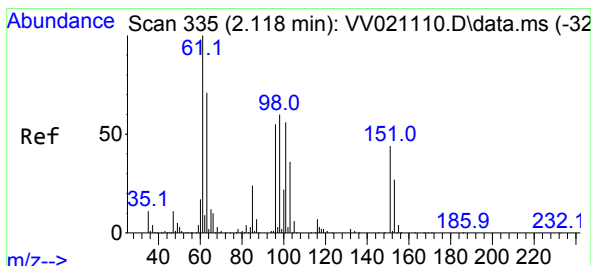
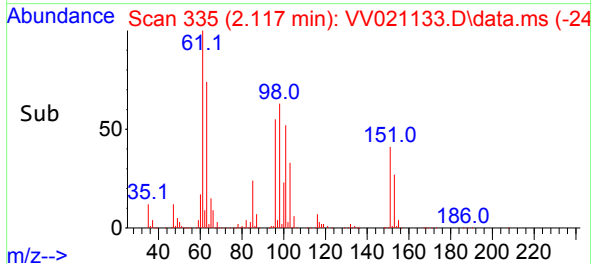
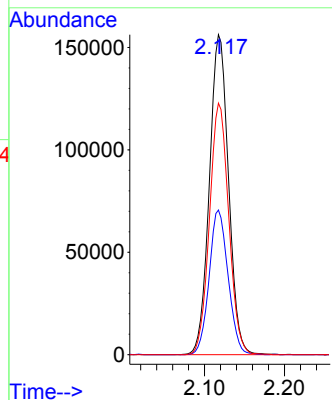
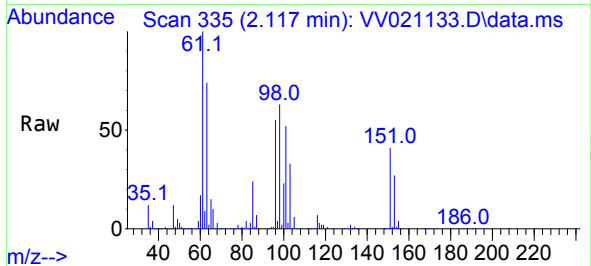




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 46.26 ug/L
RT: 2.117 min Scan# 335
Delta R.T. -0.000 min
Lab File: VV021133.D
Acq: 23 Apr 2021 20:57

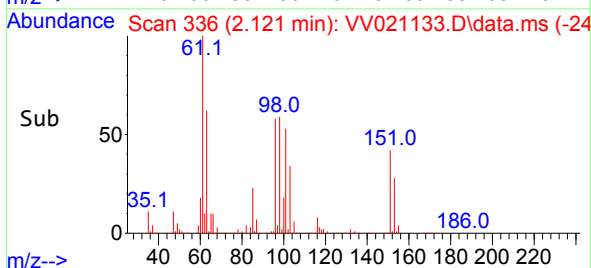
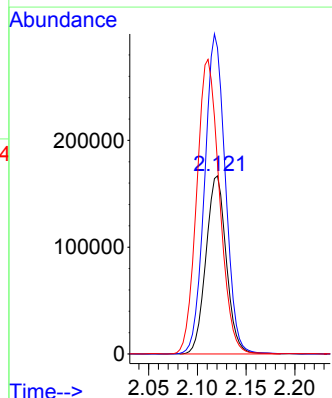
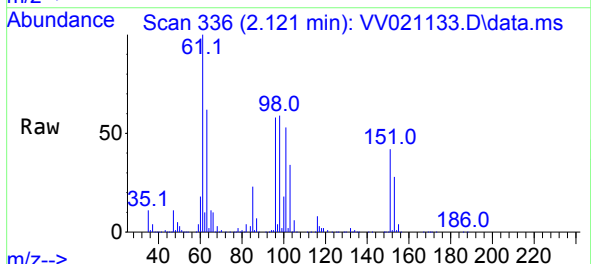
Instrument :
MSVOA_V
ClientSampleId :

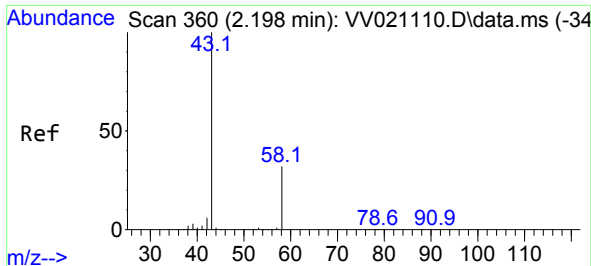
Tgt Ion:101 Resp: 259548
Ion Ratio Lower Upper
101 100
85 44.9 35.4 53.2
151 79.1 63.9 95.9



#12
1,1-Dichloroethene
Concen: 47.44 ug/L
RT: 2.121 min Scan# 336
Delta R.T. 0.003 min
Lab File: VV021133.D
Acq: 23 Apr 2021 20:57

Tgt Ion: 96 Resp: 241666
Ion Ratio Lower Upper
96 100
61 171.9 121.4 225.6
63 107.1 98.1 182.1

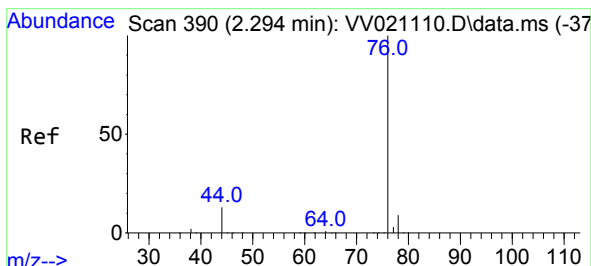
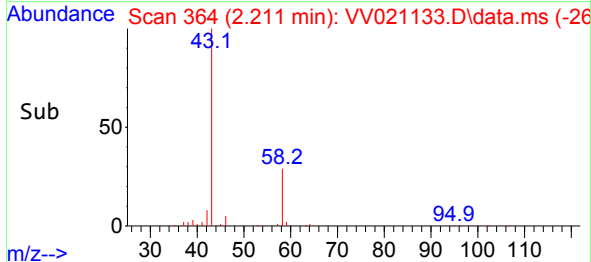
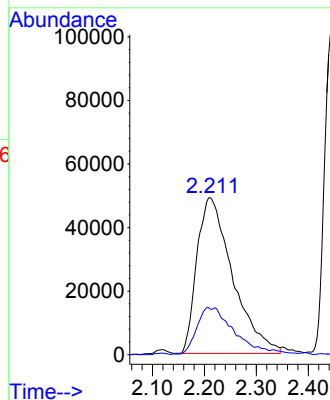
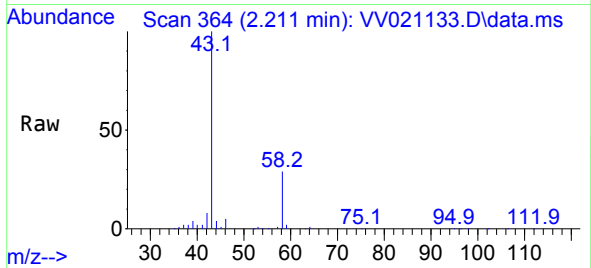




#13
Acetone
Concen: 87.72 ug/L
RT: 2.211 min Scan# 364
Delta R.T. 0.013 min
Lab File: VV021133.D
Acq: 23 Apr 2021 20:57

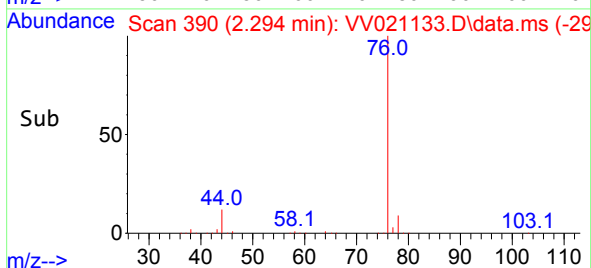
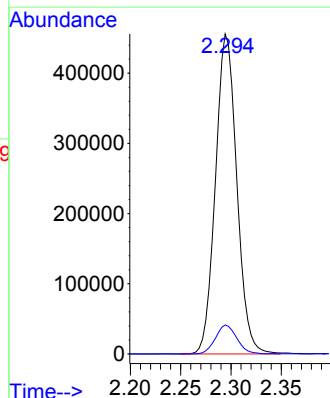
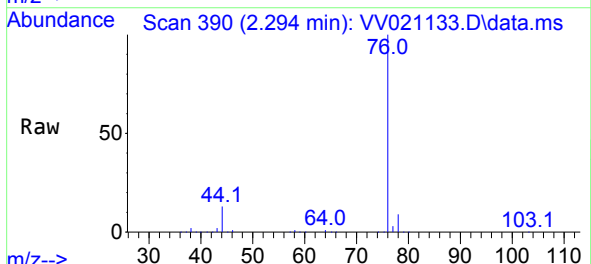
Instrument :
MSVOA_V
ClientSampled :

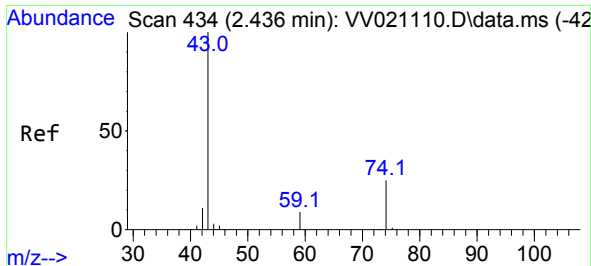
Tgt Ion: 43 Resp: 234589
Ion Ratio Lower Upper
43 100
58 12.4 0.0 30.8



#14
Carbon disulfide
Concen: 48.18 ug/L
RT: 2.294 min Scan# 390
Delta R.T. -0.000 min
Lab File: VV021133.D
Acq: 23 Apr 2021 20:57

Tgt Ion: 76 Resp: 673186
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.2





#15

Methyl Acetate

Concen: 54.39 ug/L

RT: 2.442 min Scan# 436

Delta R.T. 0.006 min

Lab File: VV021133.D

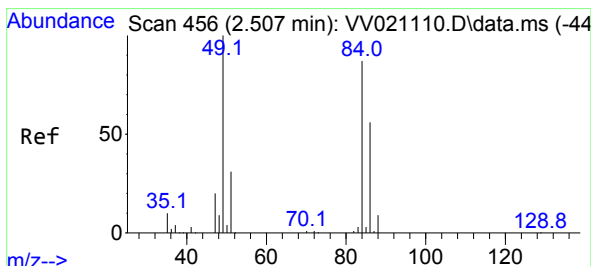
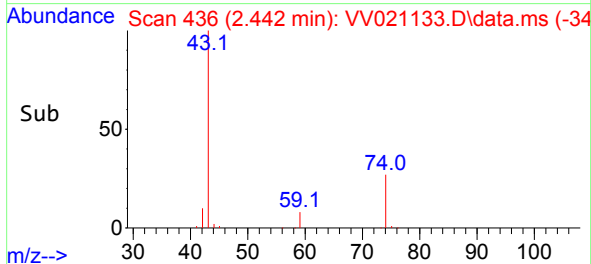
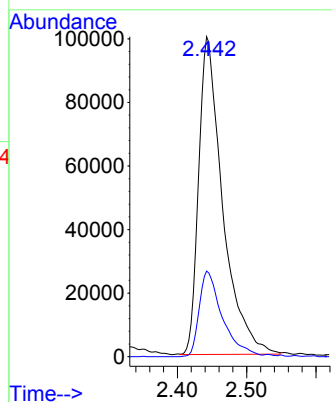
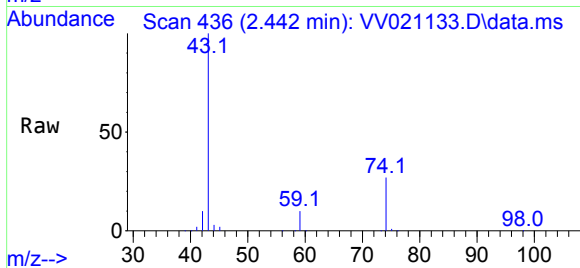
Acq: 23 Apr 2021 20:57

Tgt Ion: 43 Resp: 240560

Ion Ratio Lower Upper

43 100

74 25.9 21.2 31.8



#16

Methylene chloride

Concen: 48.79 ug/L

RT: 2.510 min Scan# 457

Delta R.T. 0.003 min

Lab File: VV021133.D

Acq: 23 Apr 2021 20:57

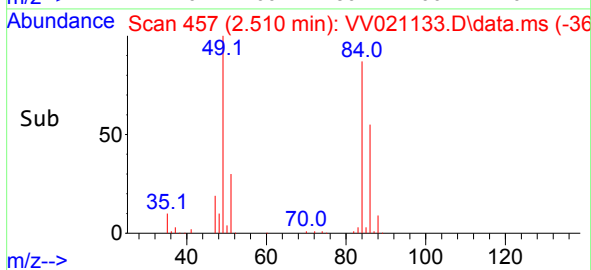
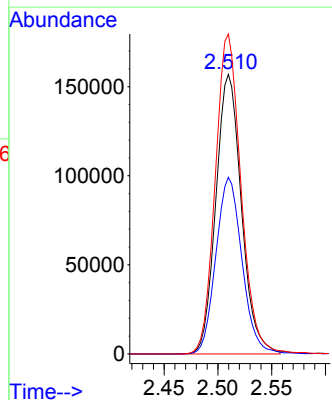
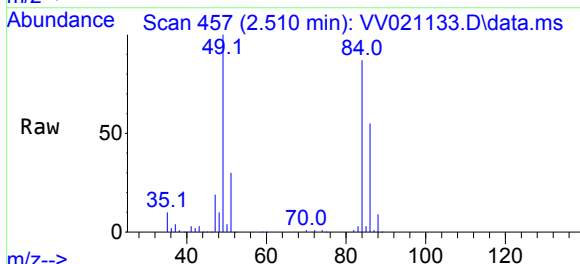
Tgt Ion: 84 Resp: 259176

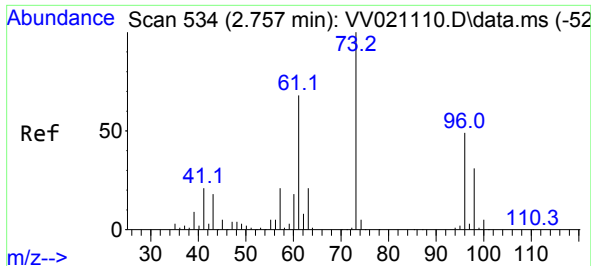
Ion Ratio Lower Upper

84 100

86 63.1 44.9 83.5

49 114.4 78.1 145.1

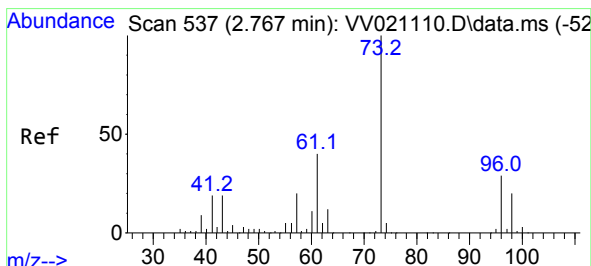
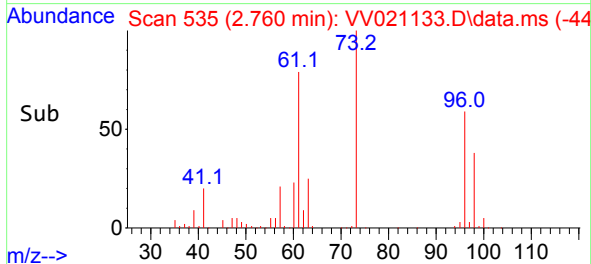
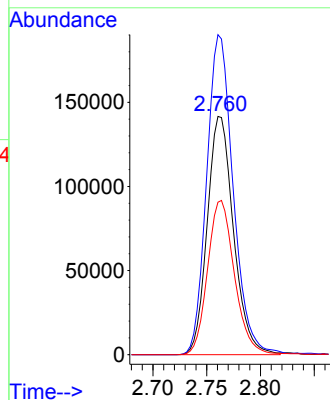
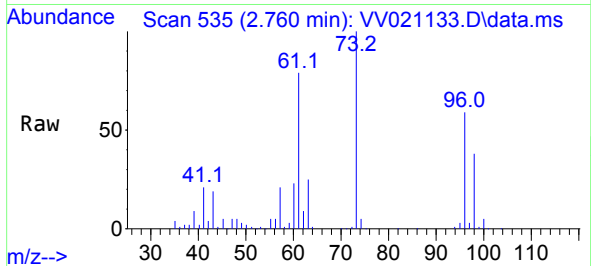




#17
trans-1,2-Dichloroethene
Concen: 49.22 ug/L
RT: 2.760 min Scan# 535
Delta R.T. 0.003 min
Lab File: VV021133.D
Acq: 23 Apr 2021 20:57

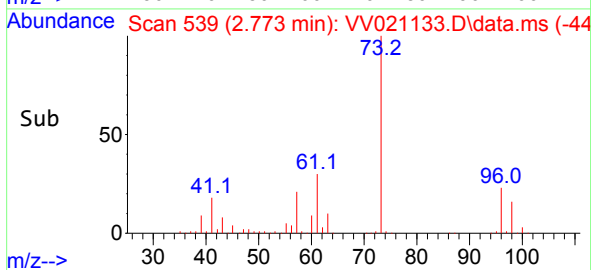
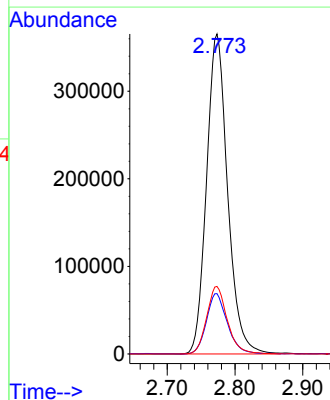
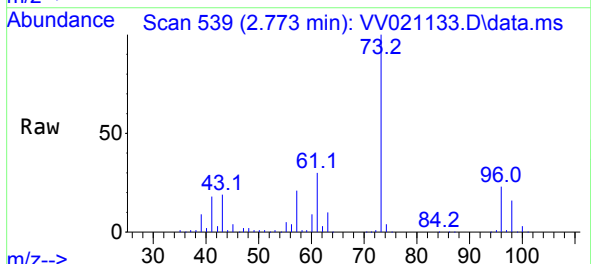
Instrument :
MSVOA_V
ClientSampleId :

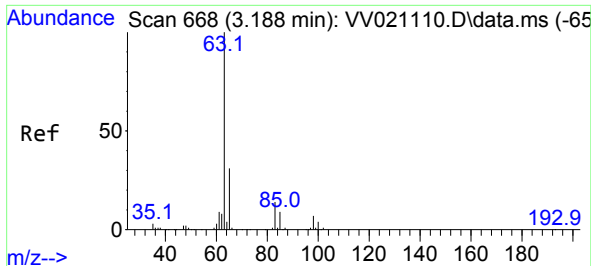
Tgt Ion: 96 Resp: 240912
Ion Ratio Lower Upper
96 100
61 134.3 89.3 165.9
98 64.0 44.1 81.9



#18
Methyl tert-butyl Ether
Concen: 52.50 ug/L
RT: 2.773 min Scan# 539
Delta R.T. 0.006 min
Lab File: VV021133.D
Acq: 23 Apr 2021 20:57

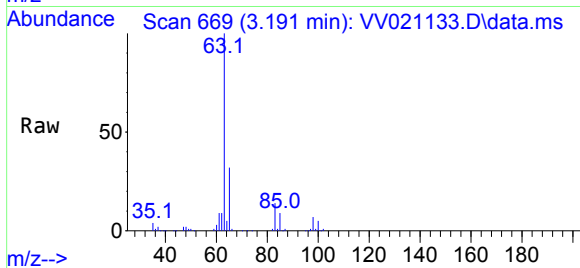
Tgt Ion: 73 Resp: 788726
Ion Ratio Lower Upper
73 100
43 18.8 14.7 22.1
57 20.7 15.9 23.9



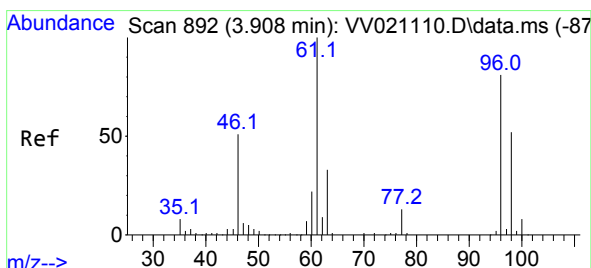
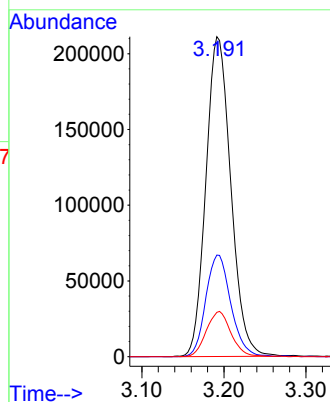
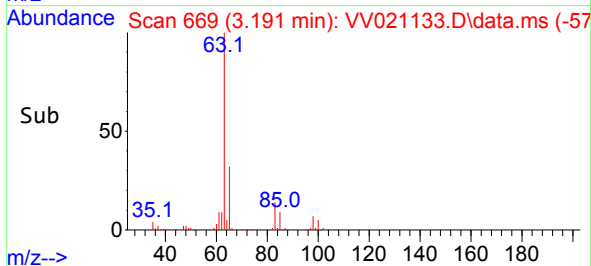


#19
1,1-Dichloroethane
Concen: 50.44 ug/L
RT: 3.191 min Scan# 669
Delta R.T. 0.003 min
Lab File: VV021133.D
Acq: 23 Apr 2021 20:57

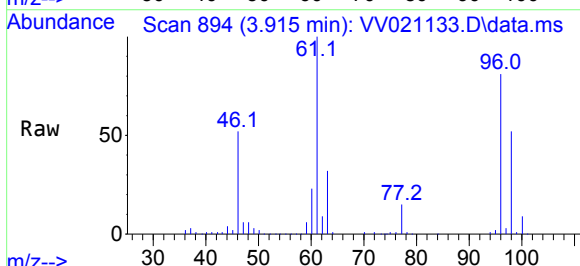
Instrument :
MSVOA_V
ClientSampled :



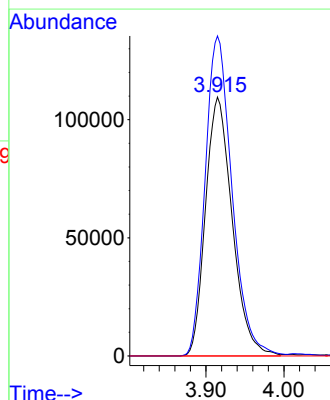
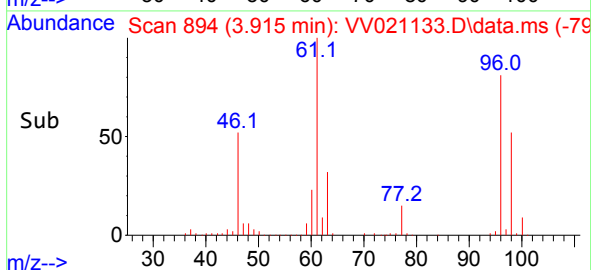
Tgt Ion: 63 Resp: 445511
Ion Ratio Lower Upper
63 100
65 31.8 21.9 40.7
83 13.9 10.6 19.6

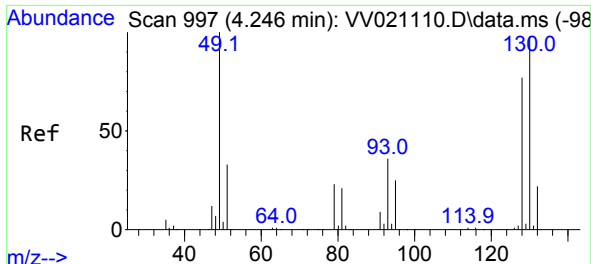


#20
cis-1,2-Dichloroethene
Concen: 50.03 ug/L
RT: 3.915 min Scan# 894
Delta R.T. 0.006 min
Lab File: VV021133.D
Acq: 23 Apr 2021 20:57



Tgt Ion: 96 Resp: 261322
Ion Ratio Lower Upper
96 100
61 123.6 84.4 156.7
68 0.0 0.0 0.0

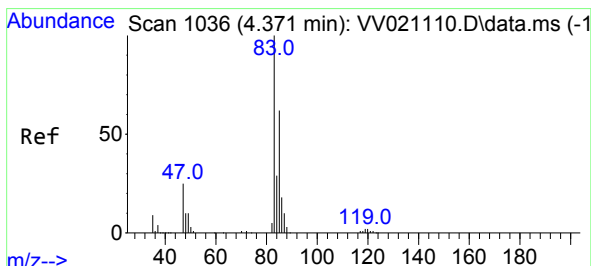
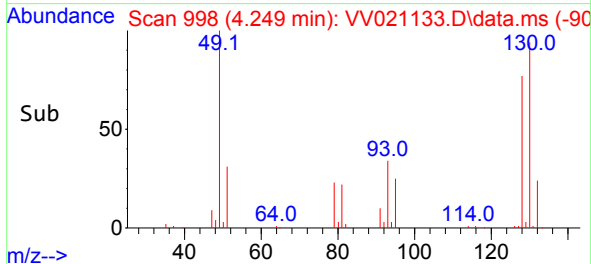
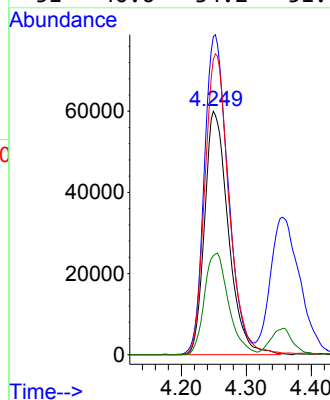
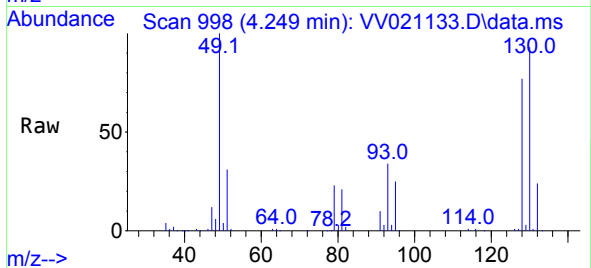




#23
Bromochloromethane
Concen: 50.52 ug/L
RT: 4.249 min Scan# 998
Delta R.T. 0.003 min
Lab File: VV021133.D
Acq: 23 Apr 2021 20:57

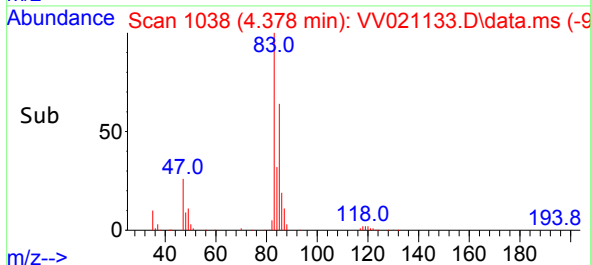
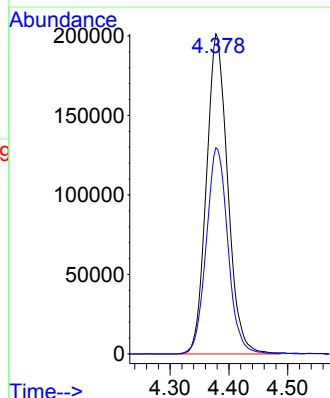
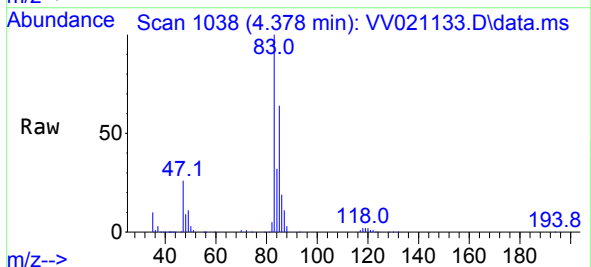
Instrument :
MSVOA_V
ClientSampleId :

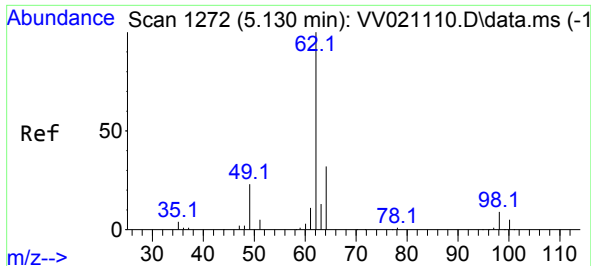
Tgt Ion:128 Resp: 152081
Ion Ratio Lower Upper
128 100
49 130.6 91.3 169.6
130 121.2 86.8 161.2
51 40.6 34.2 51.4



#25
Chloroform
Concen: 50.90 ug/L
RT: 4.378 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VV021133.D
Acq: 23 Apr 2021 20:57

Tgt Ion: 83 Resp: 505995
Ion Ratio Lower Upper
83 100
85 64.4 45.6 84.6

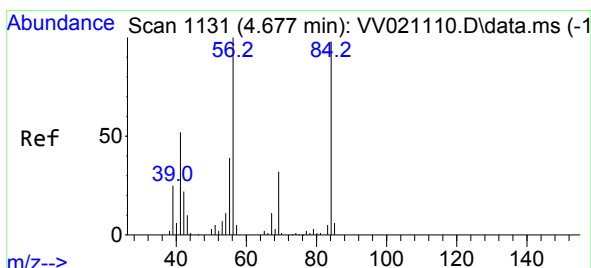
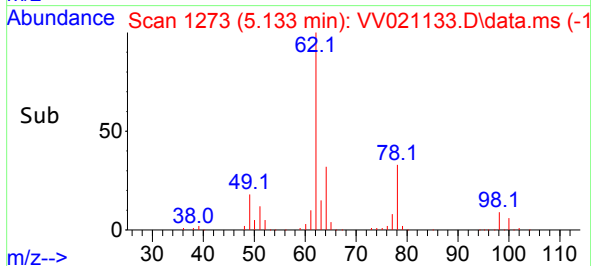
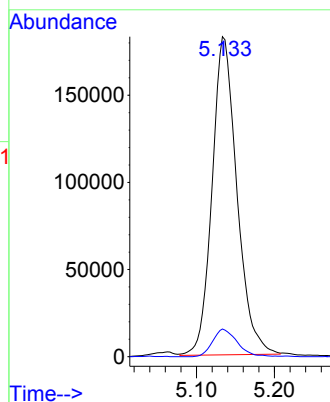
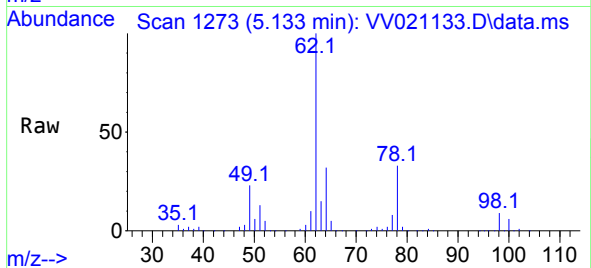




#27
1,2-Dichloroethane
Concen: 51.14 ug/L
RT: 5.133 min Scan# 1273
Delta R.T. 0.003 min
Lab File: VV021133.D
Acq: 23 Apr 2021 20:57

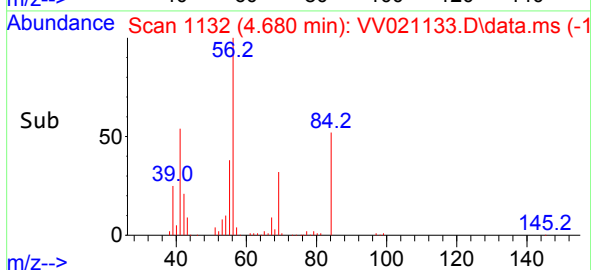
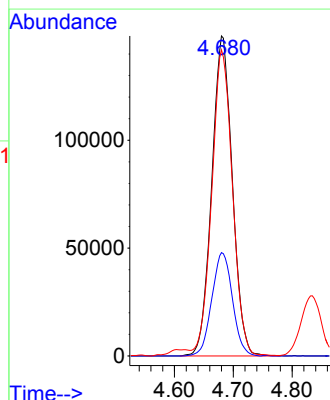
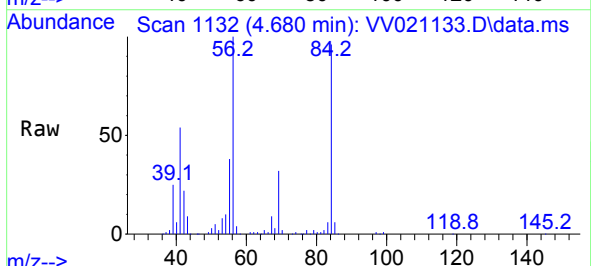
Instrument :
MSVOA_V
ClientSampled :

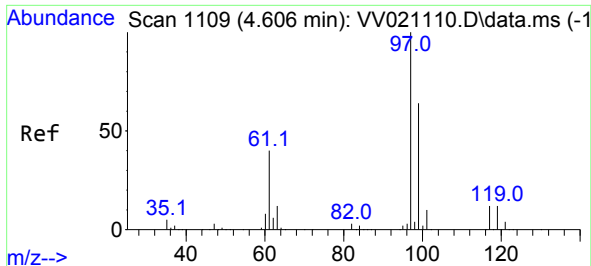
Tgt Ion: 62 Resp: 404753
Ion Ratio Lower Upper
62 100
98 8.7 6.7 10.1



#29
Cyclohexane
Concen: 50.41 ug/L
RT: 4.680 min Scan# 1132
Delta R.T. 0.003 min
Lab File: VV021133.D
Acq: 23 Apr 2021 20:57

Tgt Ion: 56 Resp: 360534
Ion Ratio Lower Upper
56 100
69 32.4 25.7 38.5
84 94.9 75.7 113.5

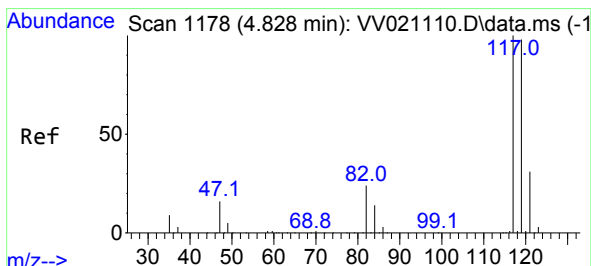
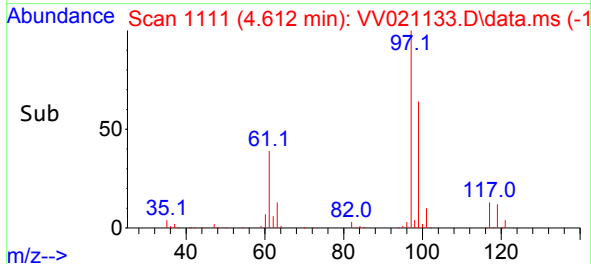
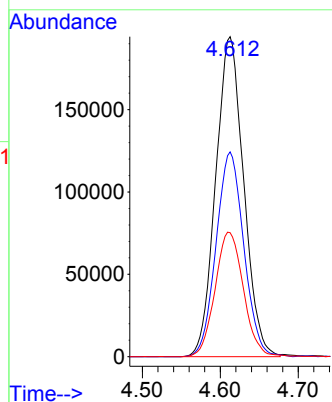
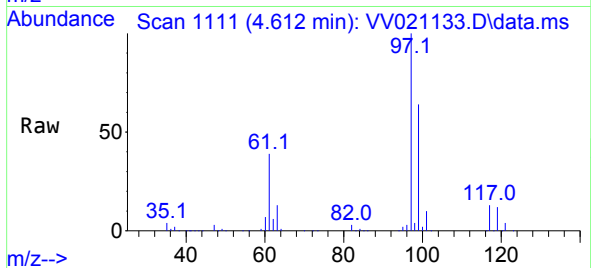




#30
1,1,1-Trichloroethane
Concen: 51.52 ug/L
RT: 4.612 min Scan# 1111
Delta R.T. 0.006 min
Lab File: VV021133.D
Acq: 23 Apr 2021 20:57

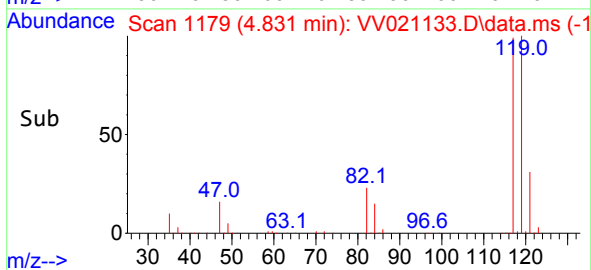
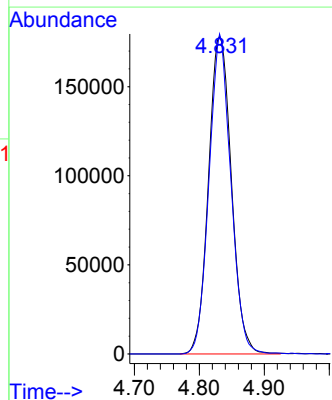
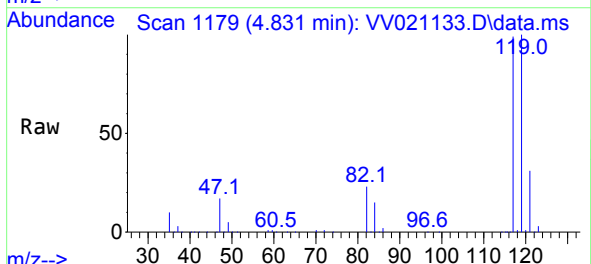
Instrument :
MSVOA_V
ClientSampleId :

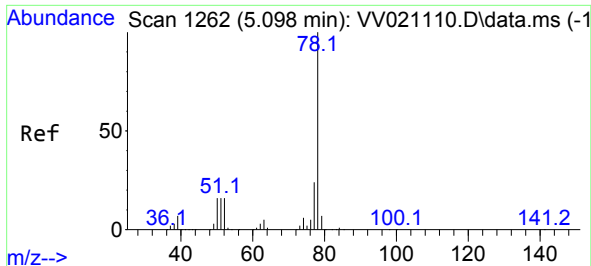
Tgt Ion: 97 Resp: 485039
Ion Ratio Lower Upper
97 100
99 63.5 51.6 77.4
61 39.4 32.1 48.1



#31
Carbon tetrachloride
Concen: 50.11 ug/L
RT: 4.831 min Scan# 1179
Delta R.T. 0.003 min
Lab File: VV021133.D
Acq: 23 Apr 2021 20:57

Tgt Ion: 117 Resp: 435731
Ion Ratio Lower Upper
117 100
119 95.6 75.4 113.2

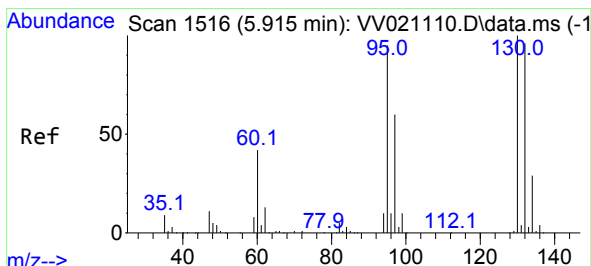
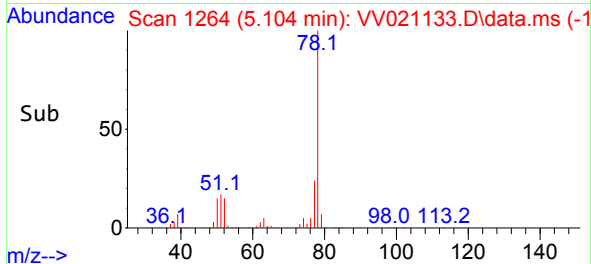
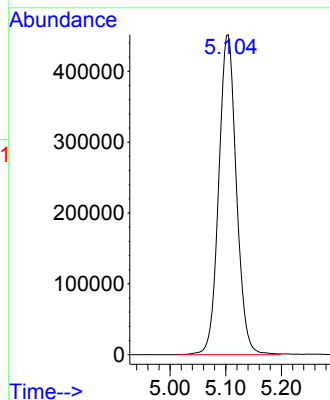
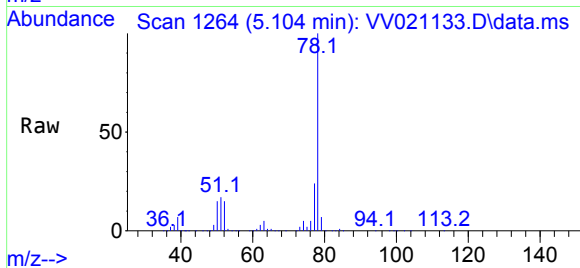




#33
Benzene
Concen: 50.82 ug/L
RT: 5.104 min Scan# 1264
Delta R.T. 0.006 min
Lab File: VV021133.D
Acq: 23 Apr 2021 20:57

Instrument :
MSVOA_V
ClientSampled :

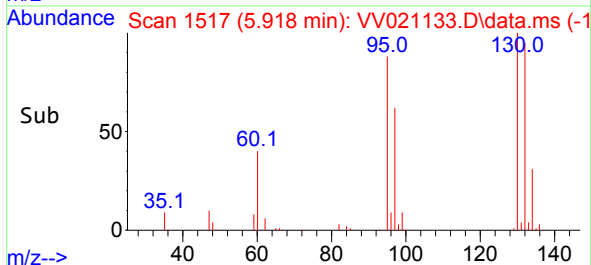
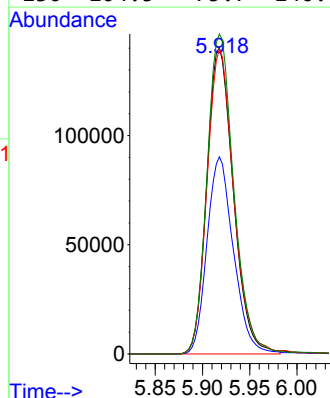
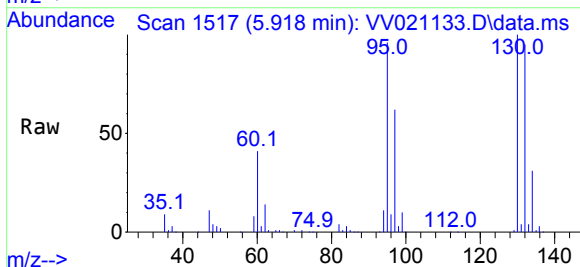
Tgt Ion: 78 Resp: 995704

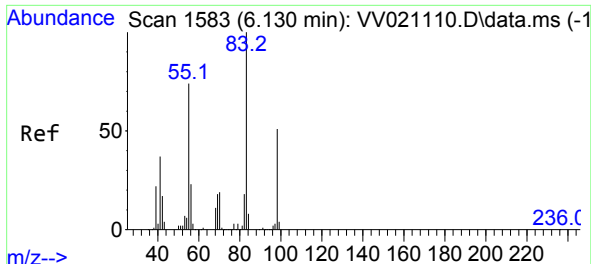


#34
Trichloroethene
Concen: 50.48 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. 0.003 min
Lab File: VV021133.D
Acq: 23 Apr 2021 20:57

Tgt Ion: 95 Resp: 273702

Ion	Ratio	Lower	Upper
95	100		
97	64.4	45.5	84.5
132	99.5	71.0	131.8
130	104.5	75.7	140.7

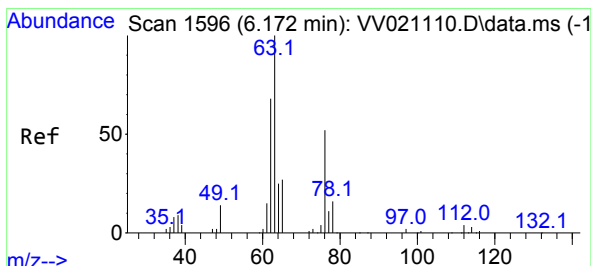
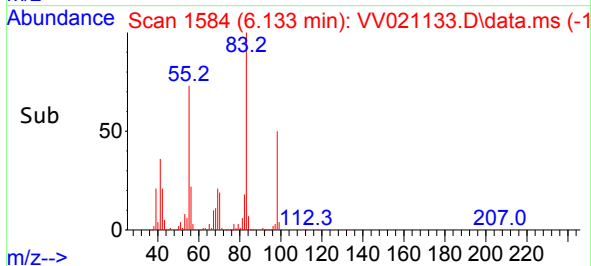
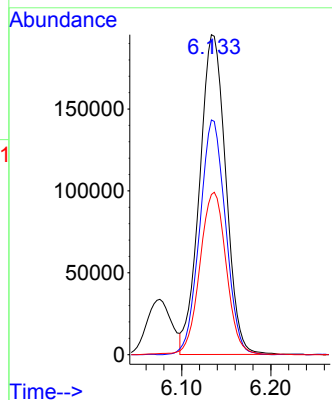
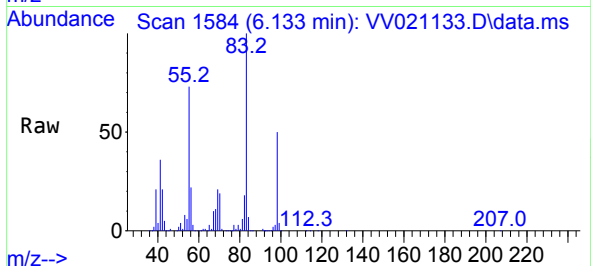




#35
Methylcyclohexane
Concen: 49.01 ug/L
RT: 6.133 min Scan# 1584
Delta R.T. 0.003 min
Lab File: VV021133.D
Acq: 23 Apr 2021 20:57

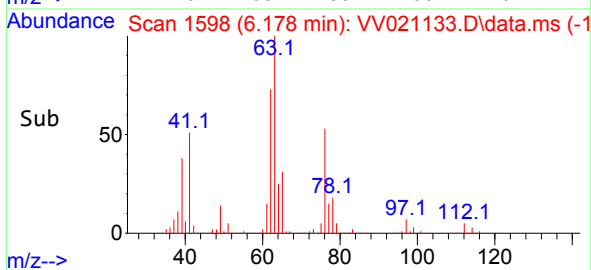
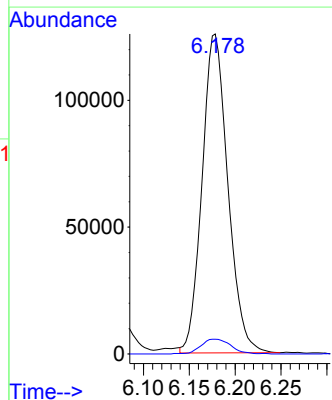
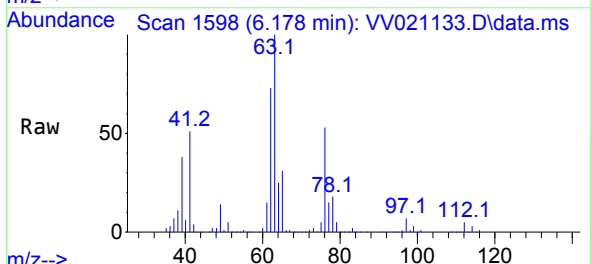
Instrument :
MSVOA_V
ClientSampled :

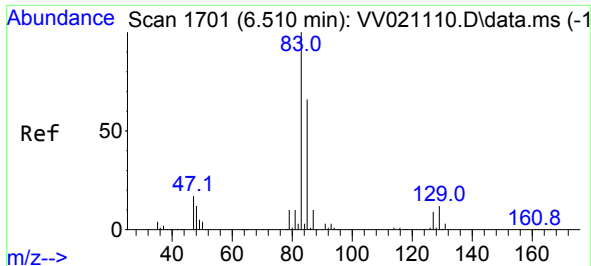
Tgt Ion: 83 Resp: 399394
Ion Ratio Lower Upper
83 100
55 72.4 58.2 87.2
98 51.3 40.6 60.8



#37
1,2-Dichloropropane
Concen: 51.16 ug/L
RT: 6.178 min Scan# 1598
Delta R.T. 0.006 min
Lab File: VV021133.D
Acq: 23 Apr 2021 20:57

Tgt Ion: 63 Resp: 246194
Ion Ratio Lower Upper
63 100
112 5.3 3.9 5.9

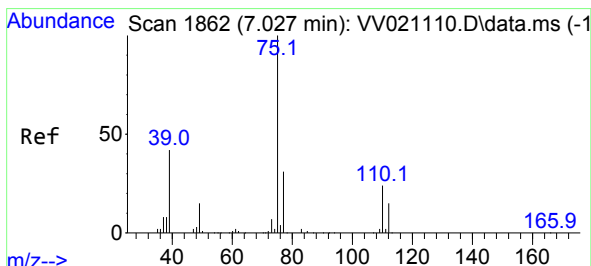
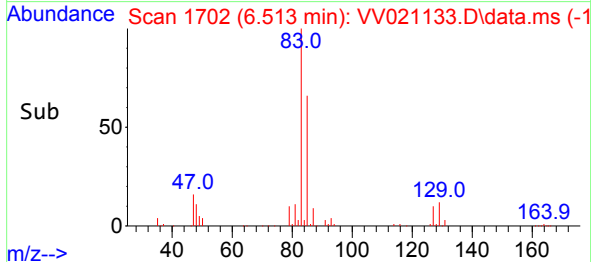
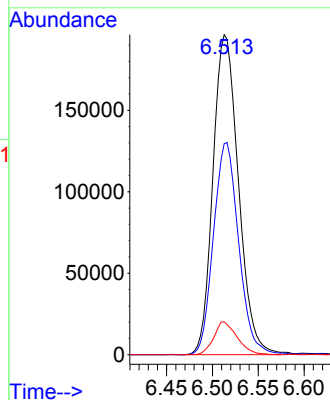
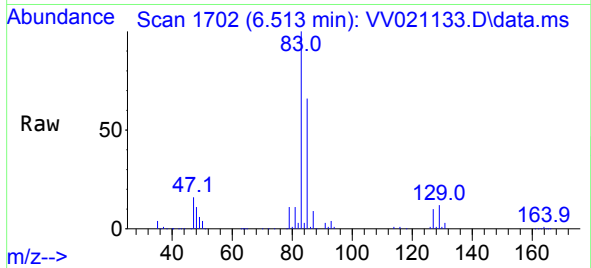




#38
Bromodichloromethane
Concen: 50.62 ug/L
RT: 6.513 min Scan# 1702
Delta R.T. 0.003 min
Lab File: VV021133.D
Acq: 23 Apr 2021 20:57

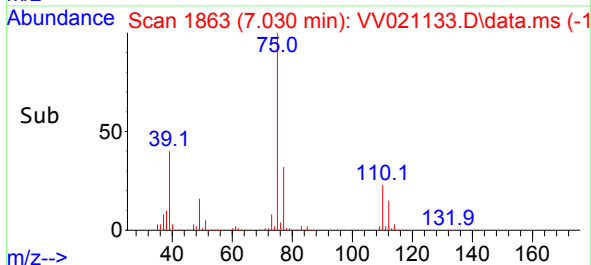
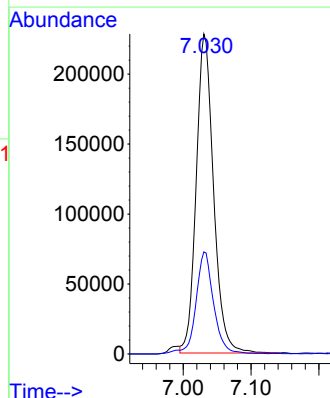
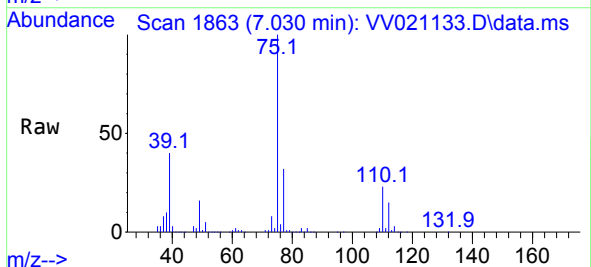
Instrument :
MSVOA_V
ClientSampleId :

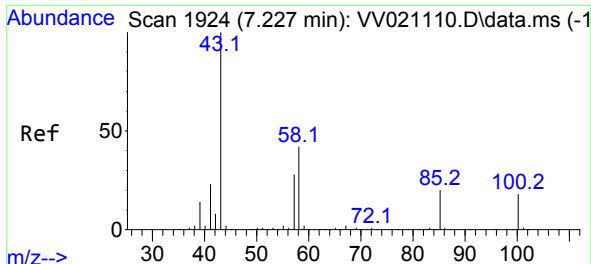
Tgt Ion: 83 Resp: 379631
Ion Ratio Lower Upper
83 100
85 65.9 46.2 85.8
127 10.2 7.4 11.0



#39
cis-1,3-Dichloropropene
Concen: 51.49 ug/L
RT: 7.030 min Scan# 1863
Delta R.T. 0.003 min
Lab File: VV021133.D
Acq: 23 Apr 2021 20:57

Tgt Ion: 75 Resp: 404144
Ion Ratio Lower Upper
75 100
77 31.9 21.8 40.6

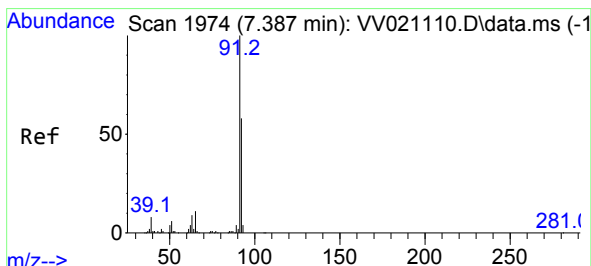
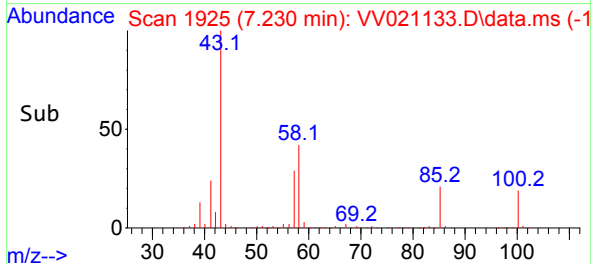
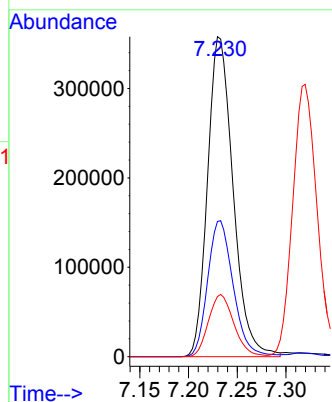
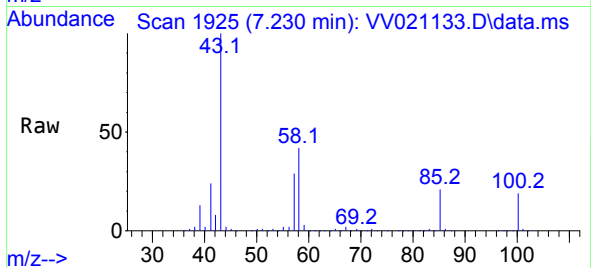




#40
4-Methyl-2-pentanone
Concen: 112.25 ug/L
RT: 7.230 min Scan# 1925
Delta R.T. 0.003 min
Lab File: VV021133.D
Acq: 23 Apr 2021 20:57

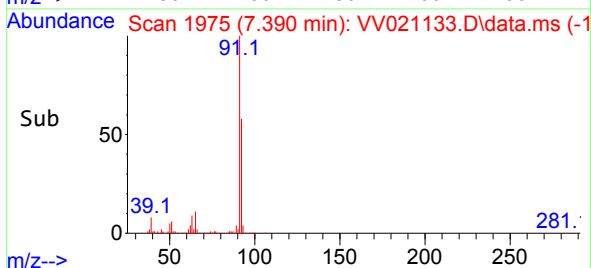
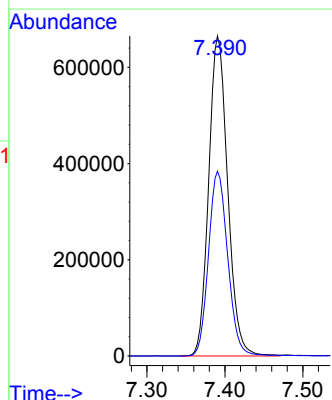
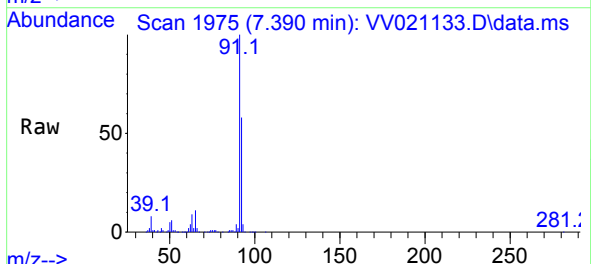
Instrument :
MSVOA_V
ClientSampleId :

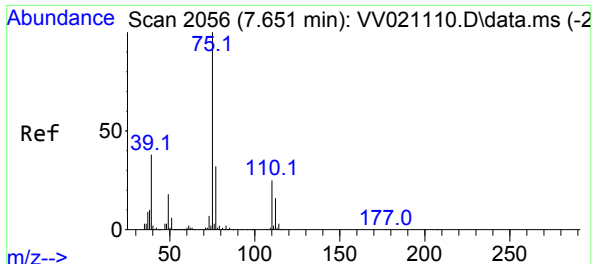
Tgt Ion: 43 Resp: 652977
Ion Ratio Lower Upper
43 100
58 42.4 34.5 51.7
100 19.3 15.2 22.8



#42
Toluene
Concen: 52.37 ug/L
RT: 7.390 min Scan# 1975
Delta R.T. 0.003 min
Lab File: VV021133.D
Acq: 23 Apr 2021 20:57

Tgt Ion: 91 Resp: 1126418
Ion Ratio Lower Upper
91 100
92 57.7 41.0 76.2

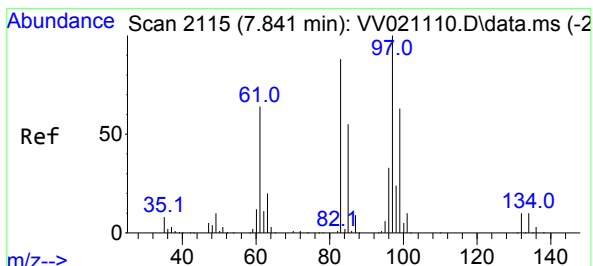
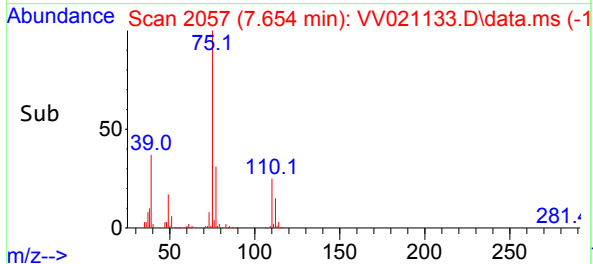
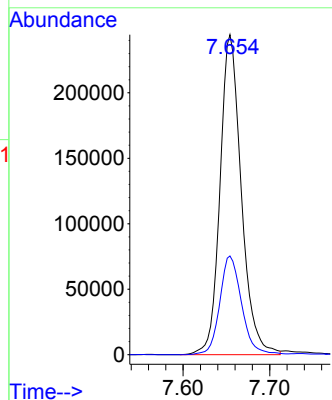
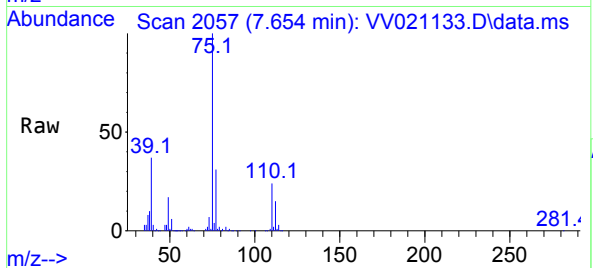




#44
trans-1,3-Dichloropropene
Concen: 51.38 ug/L
RT: 7.654 min Scan# 2057
Delta R.T. 0.003 min
Lab File: VV021133.D
Acq: 23 Apr 2021 20:57

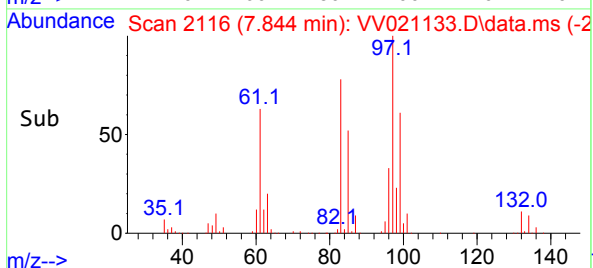
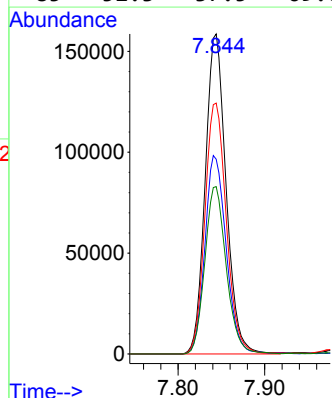
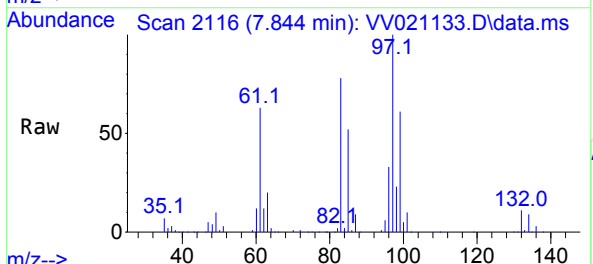
Instrument :
MSVOA_V
ClientSampled :

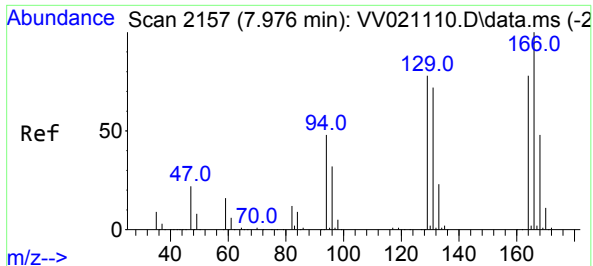
Tgt Ion: 75 Resp: 417323
Ion Ratio Lower Upper
75 100
77 30.9 21.8 40.6



#45
1,1,2-Trichloroethane
Concen: 50.78 ug/L
RT: 7.844 min Scan# 2116
Delta R.T. 0.003 min
Lab File: VV021133.D
Acq: 23 Apr 2021 20:57

Tgt Ion: 97 Resp: 265449
Ion Ratio Lower Upper
97 100
99 60.9 43.7 81.1
83 78.4 59.6 110.6
85 52.3 37.5 69.6



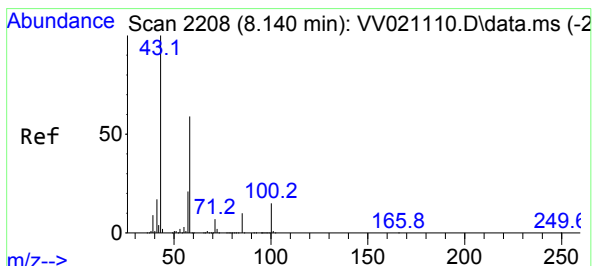
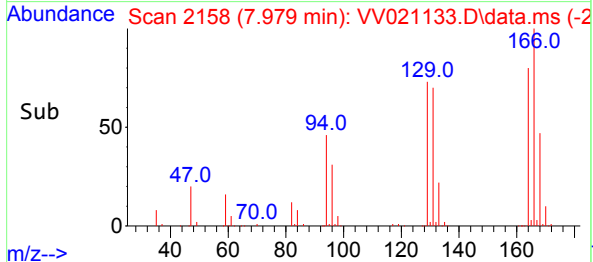
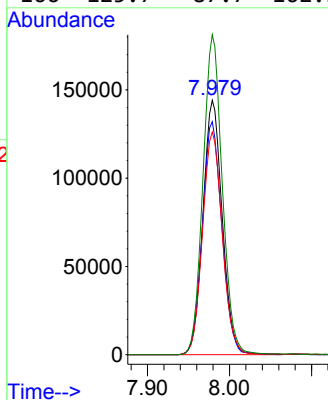
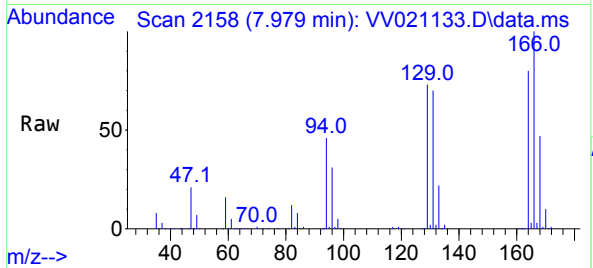


#46
Tetrachloroethene
Concen: 48.65 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. 0.003 min
Lab File: VV021133.D
Acq: 23 Apr 2021 20:57

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:164 Resp: 235925

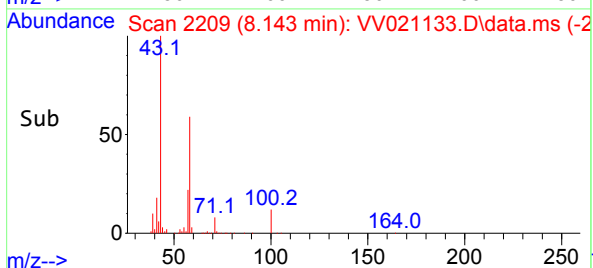
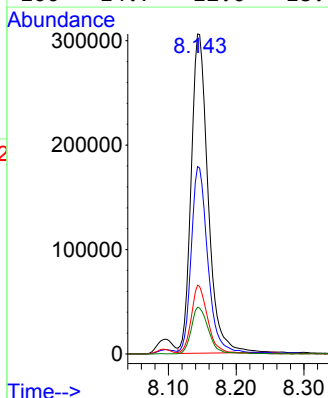
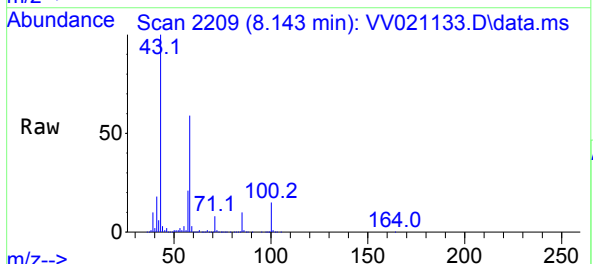
Ion	Ratio	Lower	Upper
164	100		
129	91.5	63.8	118.4
131	87.5	59.3	110.1
166	125.7	87.7	162.9

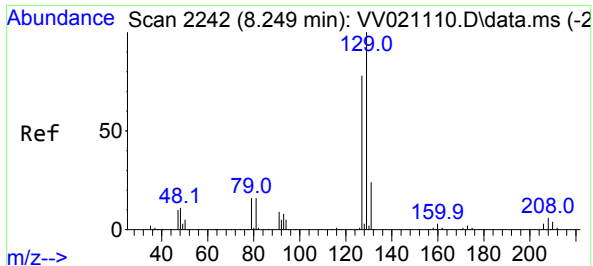


#48
2-Hexanone
Concen: 115.90 ug/L
RT: 8.143 min Scan# 2209
Delta R.T. 0.003 min
Lab File: VV021133.D
Acq: 23 Apr 2021 20:57

Tgt Ion: 43 Resp: 530942

Ion	Ratio	Lower	Upper
43	100		
58	55.3	46.8	70.2
57	20.4	17.6	26.4
100	14.7	12.0	18.0



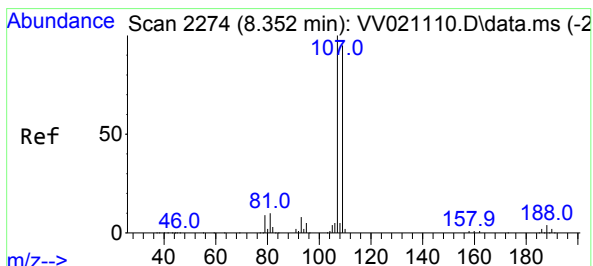
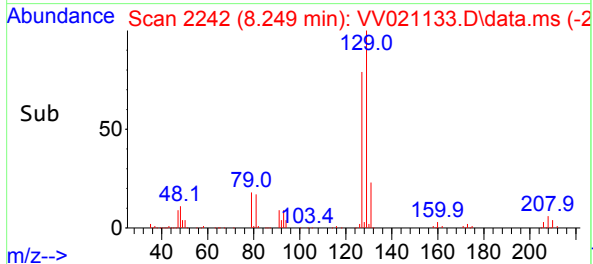
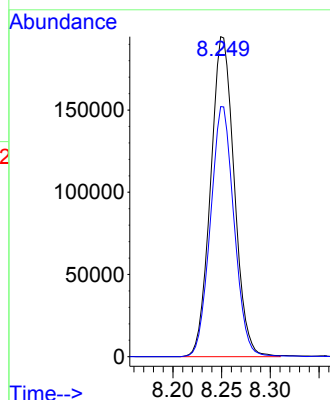
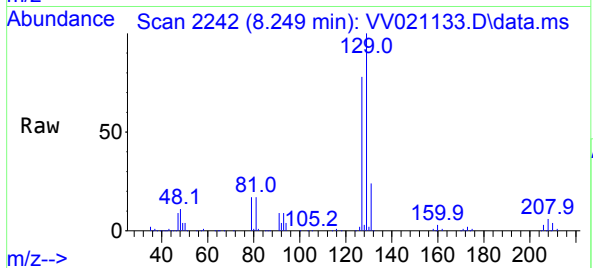


#49

Dibromochloromethane
Concen: 51.06 ug/L
RT: 8.249 min Scan# 2242
Delta R.T. -0.000 min
Lab File: VV021133.D
Acq: 23 Apr 2021 20:57

Instrument :
MSVOA_V
ClientSampleId :

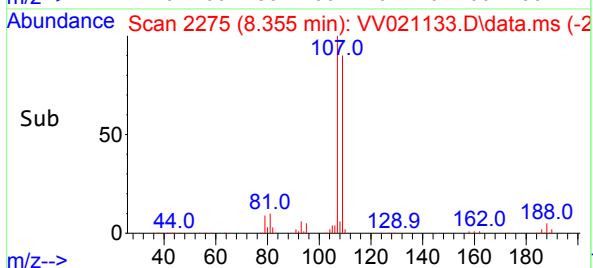
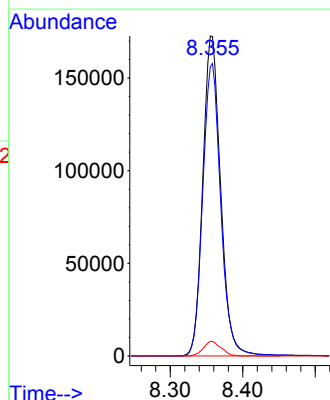
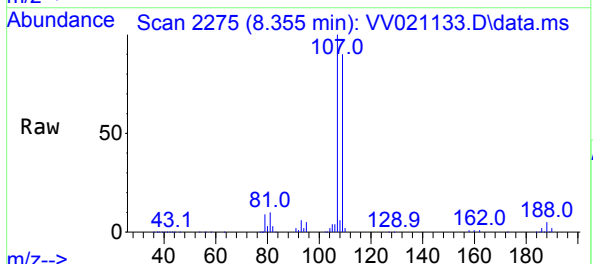
Tgt Ion:129 Resp: 328694
Ion Ratio Lower Upper
129 100
127 78.1 55.2 102.6

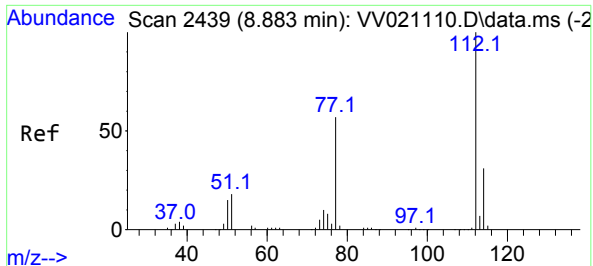


#50

1,2-Dibromoethane
Concen: 52.23 ug/L
RT: 8.355 min Scan# 2275
Delta R.T. 0.003 min
Lab File: VV021133.D
Acq: 23 Apr 2021 20:57

Tgt Ion:107 Resp: 295108
Ion Ratio Lower Upper
107 100
109 90.3 63.8 118.6
188 4.5 3.4 5.0

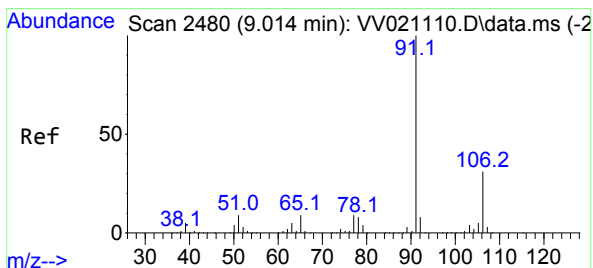
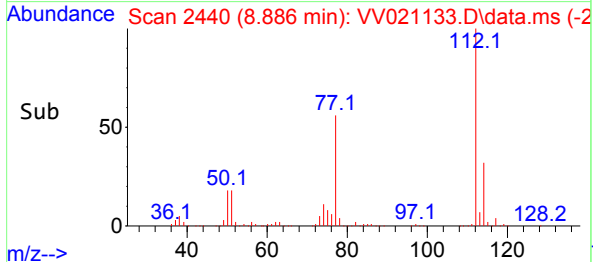
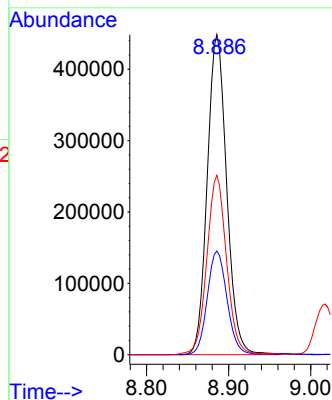
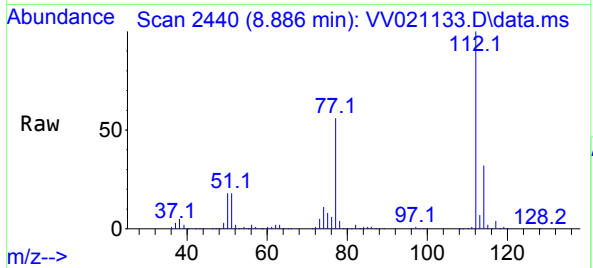




#51
Chlorobenzene
Concen: 49.89 ug/L
RT: 8.886 min Scan# 2440
Delta R.T. 0.003 min
Lab File: VV021133.D
Acq: 23 Apr 2021 20:57

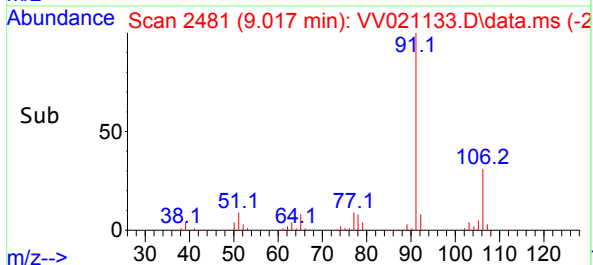
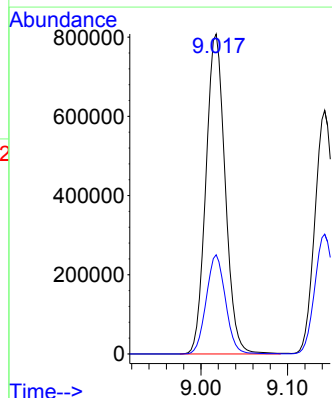
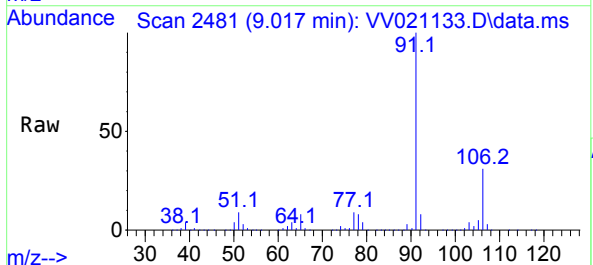
Instrument :
MSVOA_V
ClientSampled :

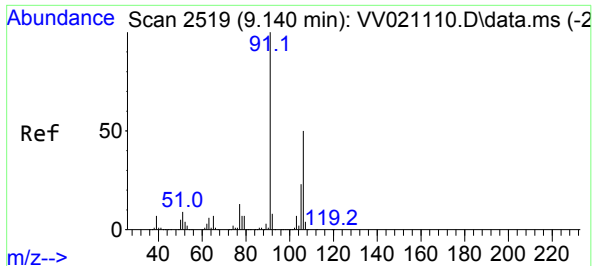
Tgt Ion:112 Resp: 737918
Ion Ratio Lower Upper
112 100
114 32.4 22.8 42.4
77 56.1 44.2 66.2



#52
Ethylbenzene
Concen: 52.33 ug/L
RT: 9.017 min Scan# 2481
Delta R.T. 0.003 min
Lab File: VV021133.D
Acq: 23 Apr 2021 20:57

Tgt Ion: 91 Resp: 1247984
Ion Ratio Lower Upper
91 100
106 31.0 21.8 40.4

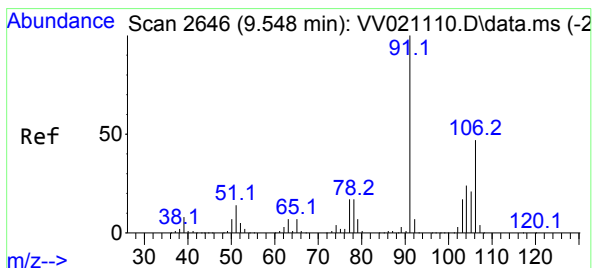
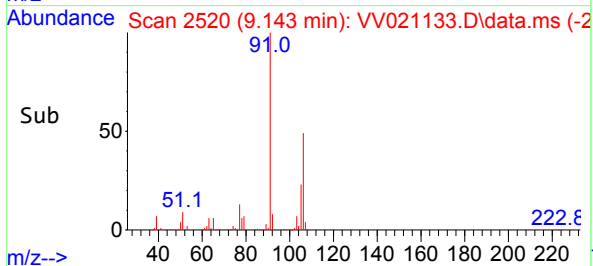
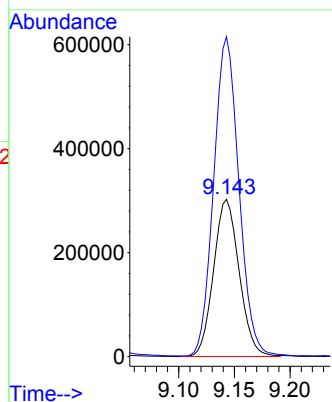
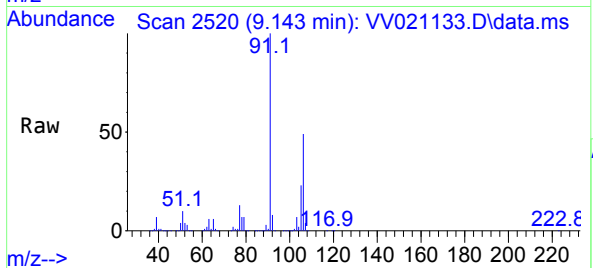




#53
m,p-Xylene
Concen: 53.08 ug/L
RT: 9.143 min Scan# 2520
Delta R.T. 0.003 min
Lab File: VV021133.D
Acq: 23 Apr 2021 20:57

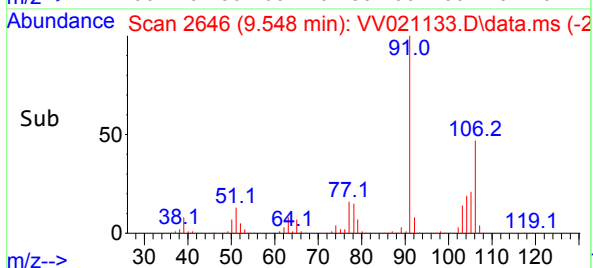
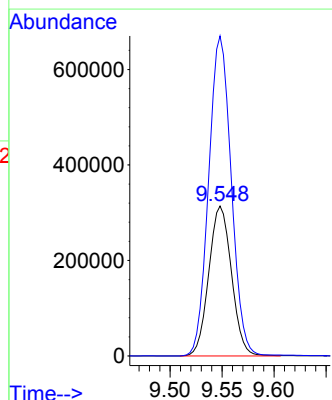
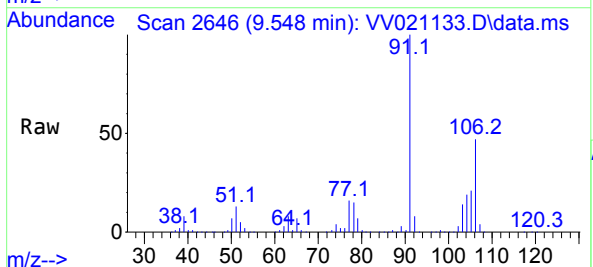
Instrument :
MSVOA_V
ClientSampled :

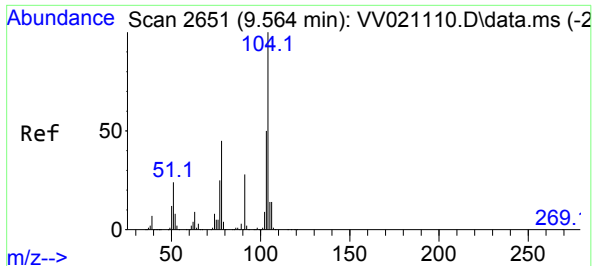
Tgt Ion:106 Resp: 482376
Ion Ratio Lower Upper
106 100
91 203.3 144.3 267.9



#54
o-Xylene
Concen: 53.44 ug/L
RT: 9.548 min Scan# 2646
Delta R.T. -0.000 min
Lab File: VV021133.D
Acq: 23 Apr 2021 20:57

Tgt Ion:106 Resp: 477046
Ion Ratio Lower Upper
106 100
91 213.5 150.4 279.4

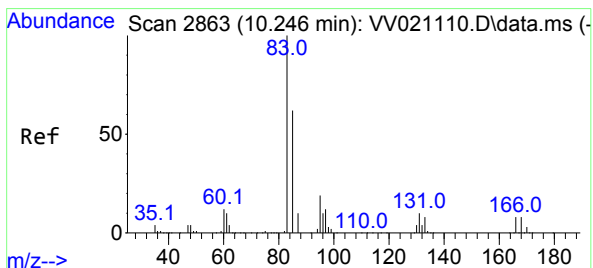
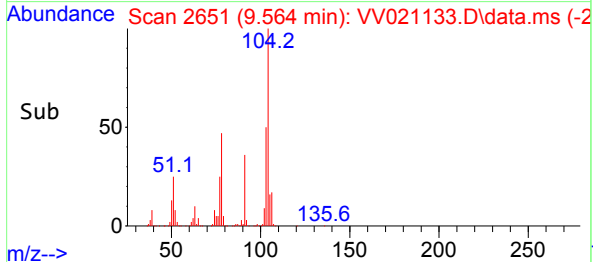
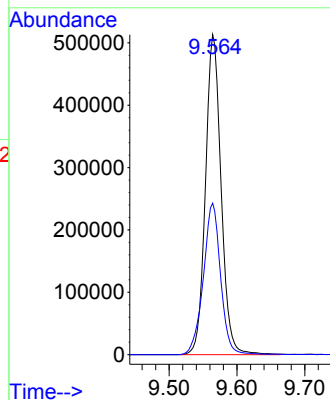
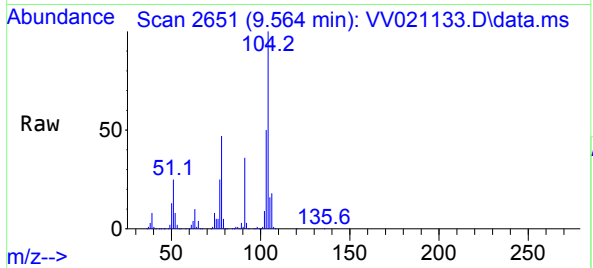




#55
Styrene
Concen: 54.59 ug/L
RT: 9.564 min Scan# 2651
Delta R.T. -0.000 min
Lab File: VV021133.D
Acq: 23 Apr 2021 20:57

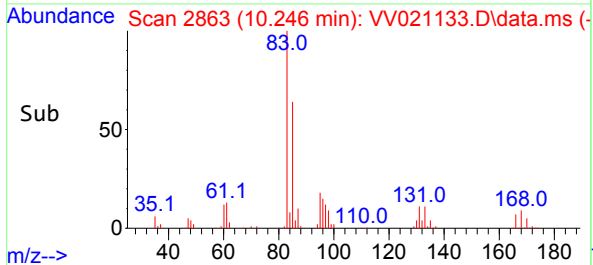
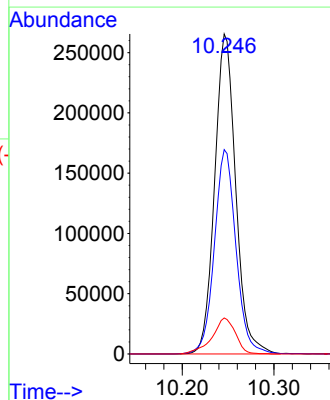
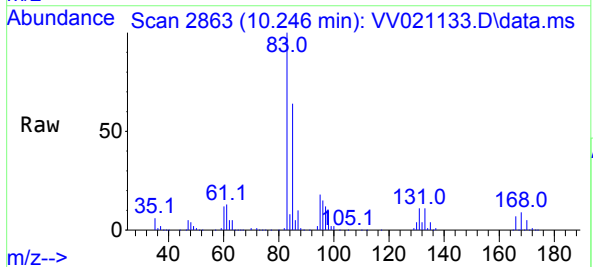
Instrument :
MSVOA_V
ClientSampled :

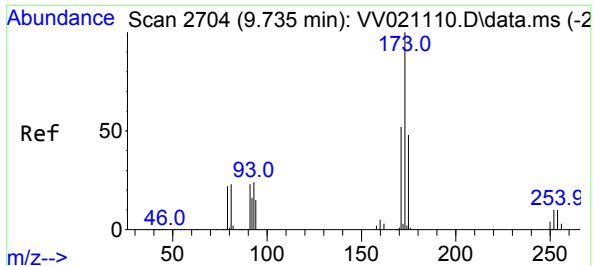
Tgt Ion:104 Resp: 823265
Ion Ratio Lower Upper
104 100
78 47.4 32.4 60.2



#57
1,1,2,2-Tetrachloroethane
Concen: 51.04 ug/L
RT: 10.246 min Scan# 2863
Delta R.T. -0.000 min
Lab File: VV021133.D
Acq: 23 Apr 2021 20:57

Tgt Ion: 83 Resp: 424014
Ion Ratio Lower Upper
83 100
85 63.9 45.8 85.0
131 11.3 8.8 13.2

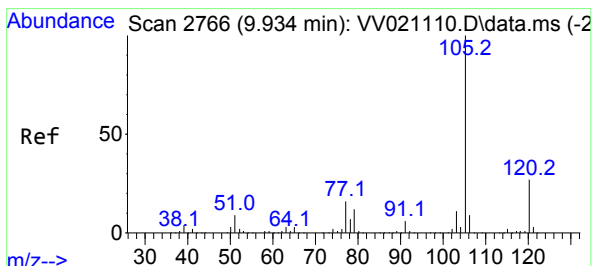
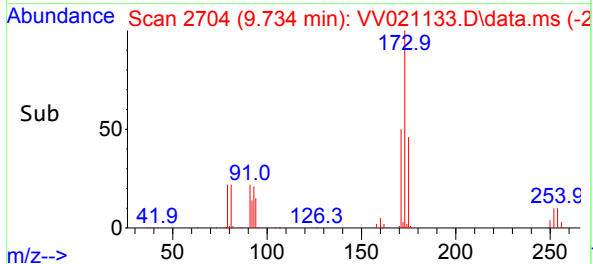
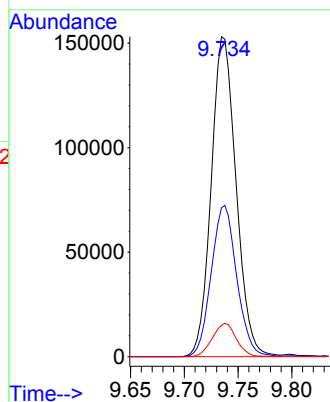
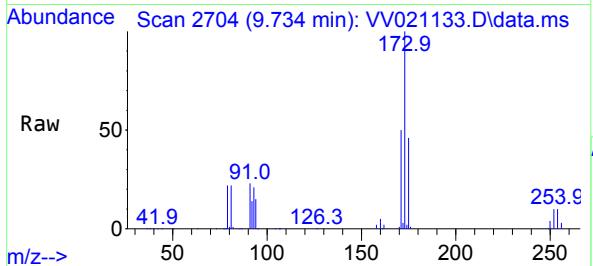




#59
Bromoform
Concen: 50.22 ug/L
RT: 9.734 min Scan# 2704
Delta R.T. -0.000 min
Lab File: VV021133.D
Acq: 23 Apr 2021 20:57

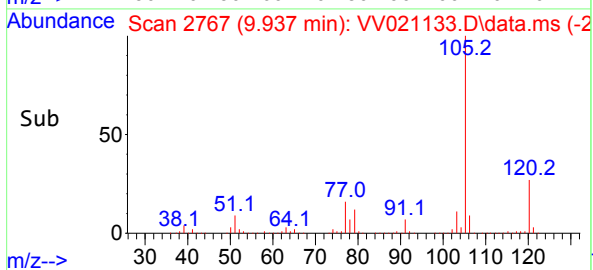
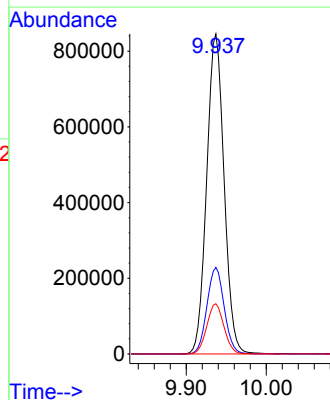
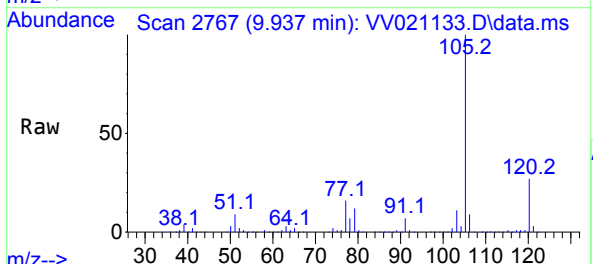
Instrument :
MSVOA_V
ClientSampleId :

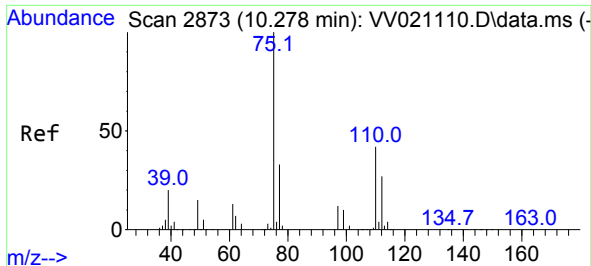
Tgt Ion:173	Resp:	246604
Ion Ratio	Lower	Upper
173	100	
175	48.4	38.9 58.3
254	10.0	8.3 12.5



#60
Isopropylbenzene
Concen: 53.53 ug/L
RT: 9.937 min Scan# 2767
Delta R.T. 0.003 min
Lab File: VV021133.D
Acq: 23 Apr 2021 20:57

Tgt Ion:105	Resp:	1281930
Ion Ratio	Lower	Upper
105	100	
120	26.8	21.8 32.6
77	15.5	12.9 19.3

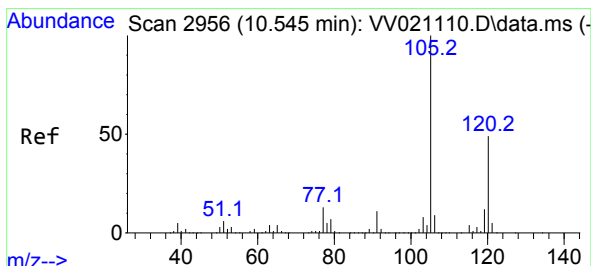
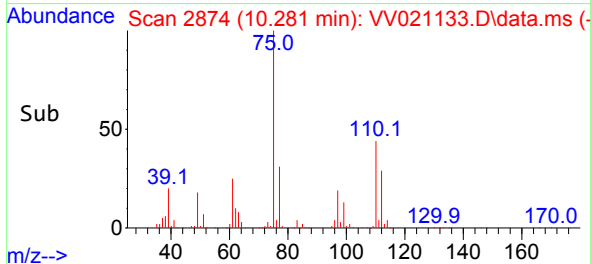
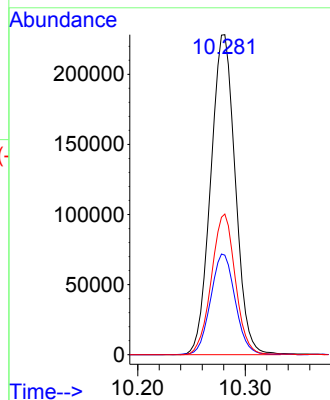
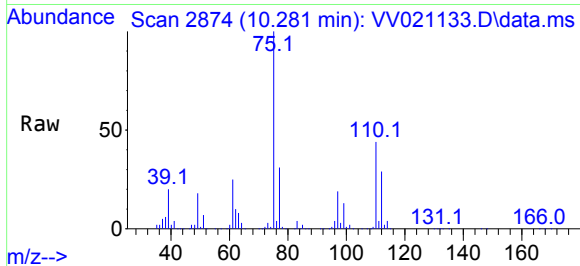




#61
1,2,3-Trichloropropane
Concen: 53.63 ug/L
RT: 10.281 min Scan# 2874
Delta R.T. 0.003 min
Lab File: VV021133.D
Acq: 23 Apr 2021 20:57

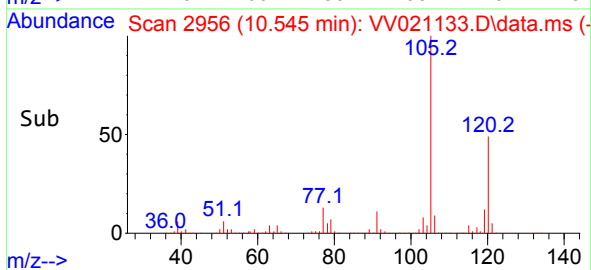
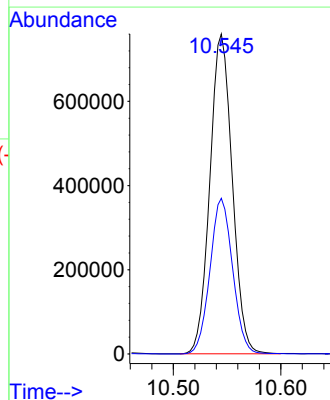
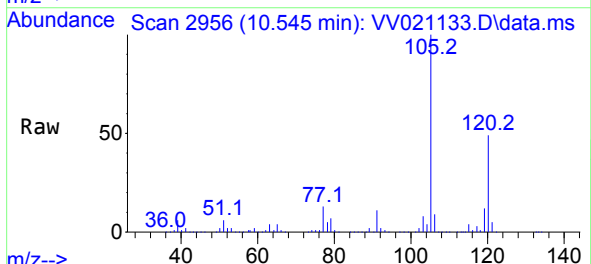
Instrument :
MSVOA_V
ClientSampleId :

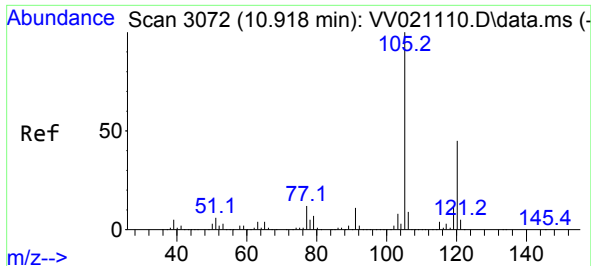
Tgt Ion: 75 Resp: 362253
Ion Ratio Lower Upper
75 100
77 31.5 25.8 38.8
110 42.9 34.9 52.3



#62
1,3,5-Trimethylbenzene
Concen: 54.00 ug/L
RT: 10.545 min Scan# 2956
Delta R.T. -0.000 min
Lab File: VV021133.D
Acq: 23 Apr 2021 20:57

Tgt Ion: 105 Resp: 1098117
Ion Ratio Lower Upper
105 100
120 49.3 38.9 58.3

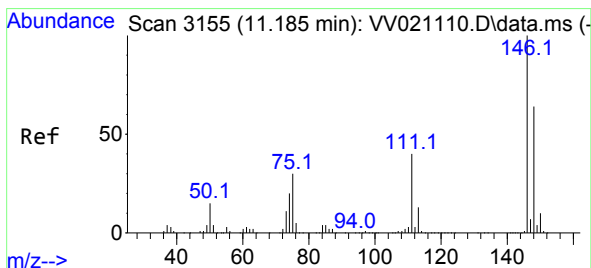
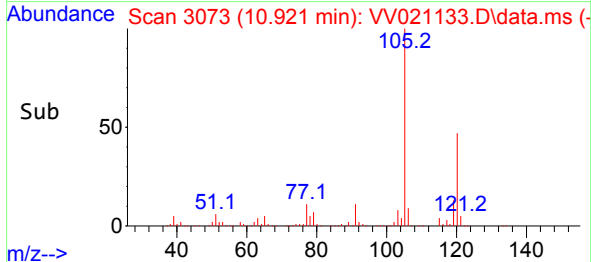
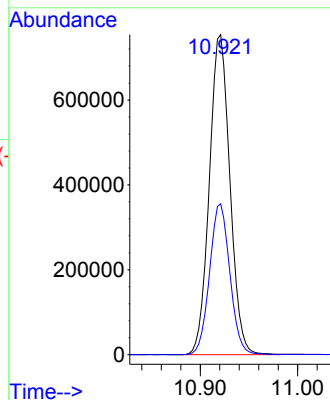
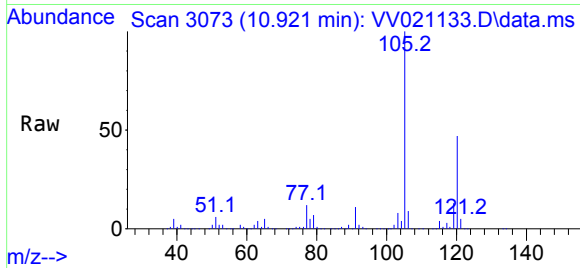




#63
1,2,4-Trimethylbenzene
Concen: 54.63 ug/L
RT: 10.921 min Scan# 3073
Delta R.T. 0.003 min
Lab File: VV021133.D
Acq: 23 Apr 2021 20:57

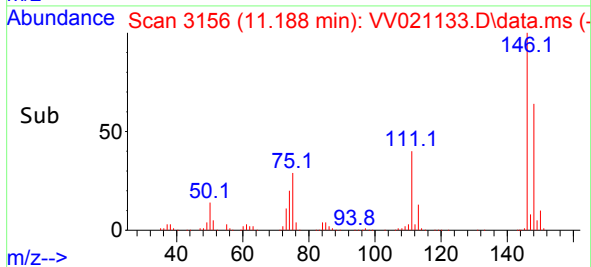
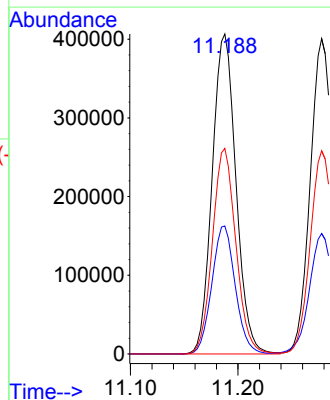
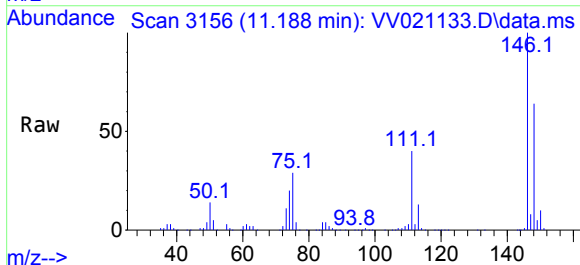
Instrument :
MSVOA_V
ClientSampled :

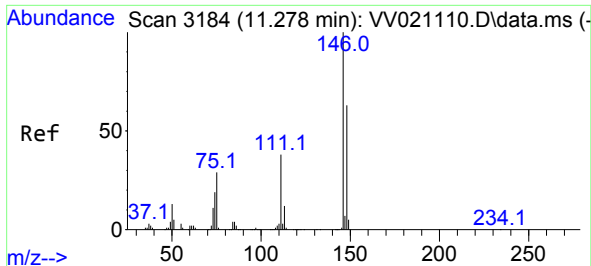
Tgt Ion:105 Resp: 1108077
Ion Ratio Lower Upper
105 100
120 46.5 37.7 56.5



#64
1,3-Dichlorobenzene
Concen: 52.34 ug/L
RT: 11.188 min Scan# 3156
Delta R.T. 0.003 min
Lab File: VV021133.D
Acq: 23 Apr 2021 20:57

Tgt Ion:146 Resp: 624420
Ion Ratio Lower Upper
146 100
111 40.0 27.6 51.2
148 64.2 45.1 83.7

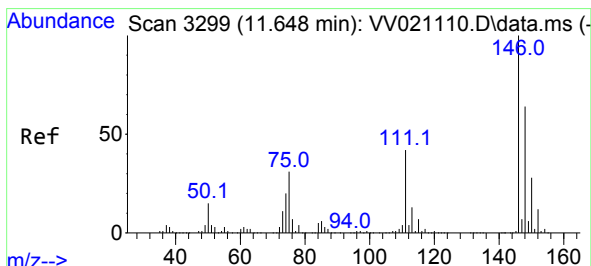
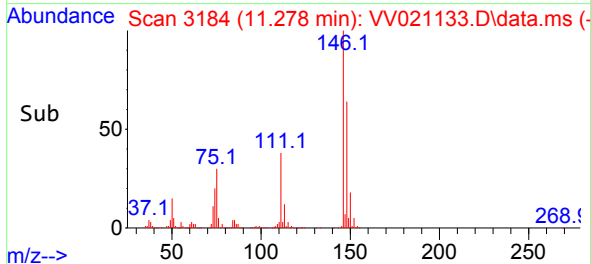
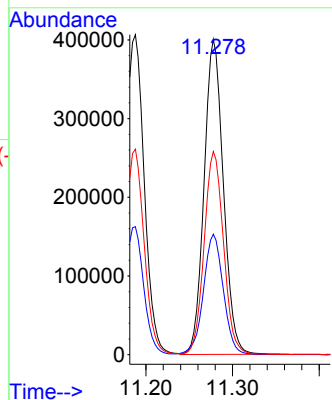
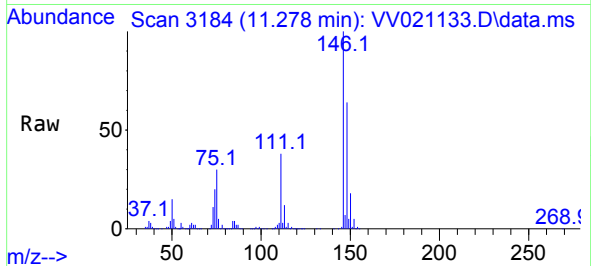




#65
1,4-Dichlorobenzene
Concen: 50.50 ug/L
RT: 11.278 min Scan# 3184
Delta R.T. -0.000 min
Lab File: VV021133.D
Acq: 23 Apr 2021 20:57

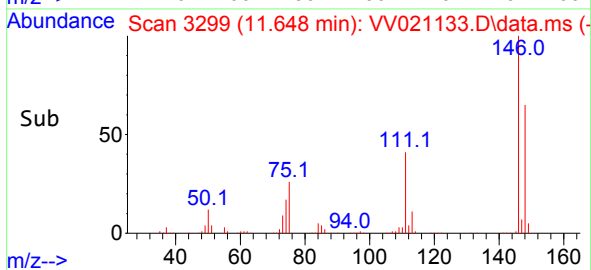
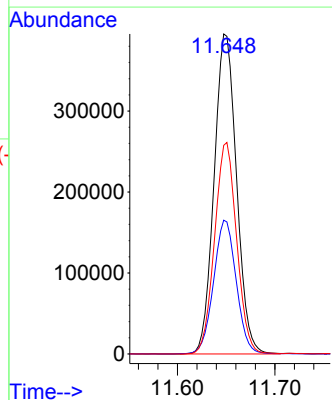
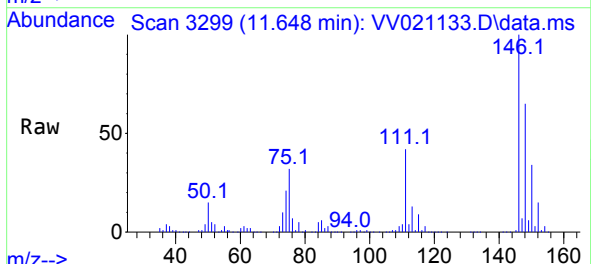
Instrument :
MSVOA_V
ClientSampleId :

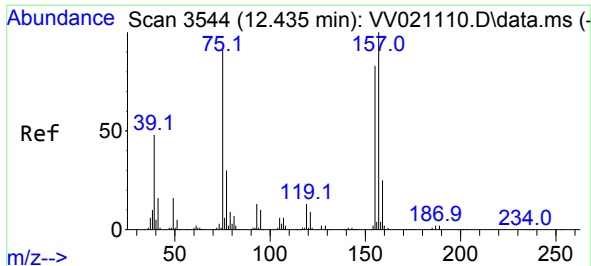
Tgt Ion:146 Resp: 618942
Ion Ratio Lower Upper
146 100
111 38.2 26.3 48.9
148 64.4 44.7 82.9



#67
1,2-Dichlorobenzene
Concen: 51.32 ug/L
RT: 11.648 min Scan# 3299
Delta R.T. -0.000 min
Lab File: VV021133.D
Acq: 23 Apr 2021 20:57

Tgt Ion:146 Resp: 632036
Ion Ratio Lower Upper
146 100
111 41.8 33.2 49.8
148 65.2 50.6 75.8

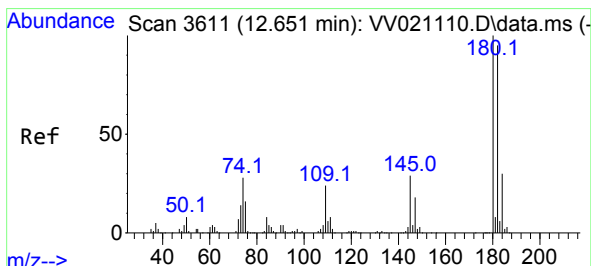
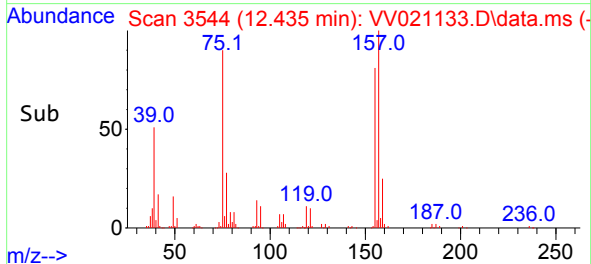
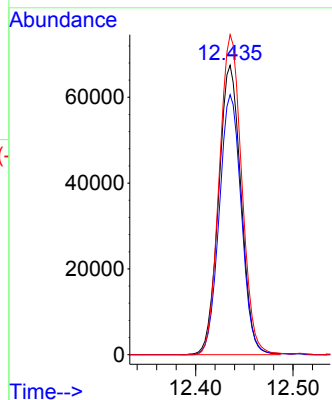
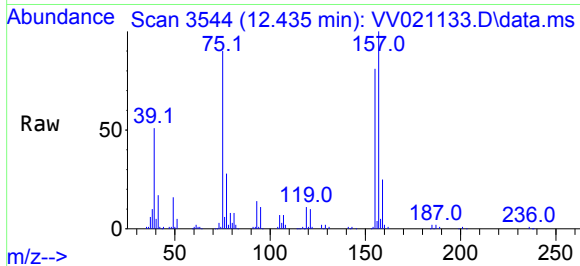




#68
1,2-Dibromo-3-chloropropane
Concen: 53.24 ug/L
RT: 12.435 min Scan# 3544
Delta R.T. -0.000 min
Lab File: VV021133.D
Acq: 23 Apr 2021 20:57

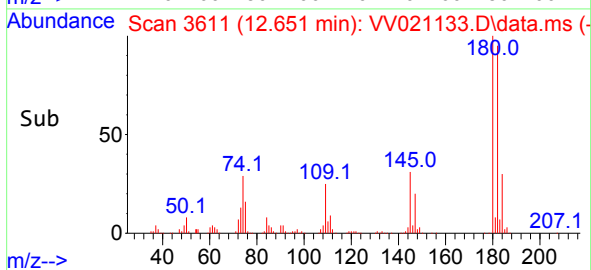
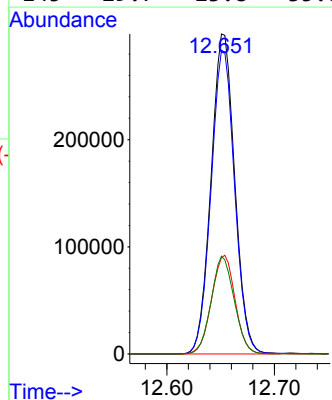
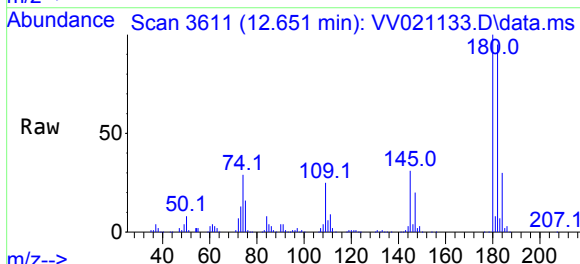
Instrument :
MSVOA_V
ClientSampleId :

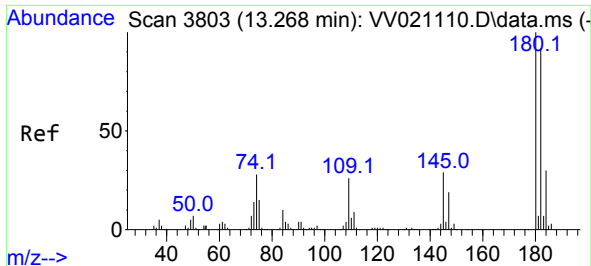
Tgt Ion: 75 Resp: 107806
Ion Ratio Lower Upper
75 100
155 89.8 72.8 109.2
157 110.6 94.6 142.0



#69
1,3,5-Trichlorobenzene
Concen: 49.32 ug/L
RT: 12.651 min Scan# 3611
Delta R.T. -0.000 min
Lab File: VV021133.D
Acq: 23 Apr 2021 20:57

Tgt Ion:180 Resp: 457669
Ion Ratio Lower Upper
180 100
182 94.5 77.4 116.0
184 30.5 24.1 36.1
145 29.7 23.8 35.8

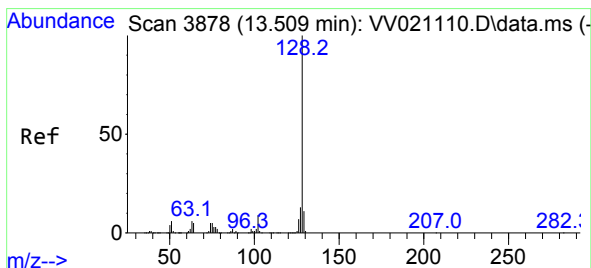
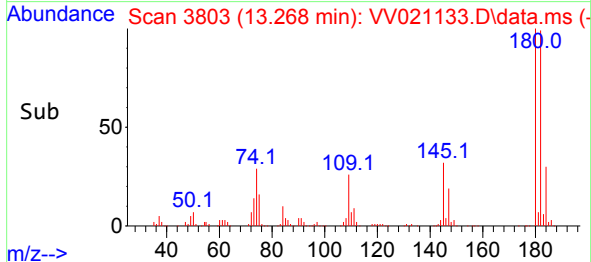
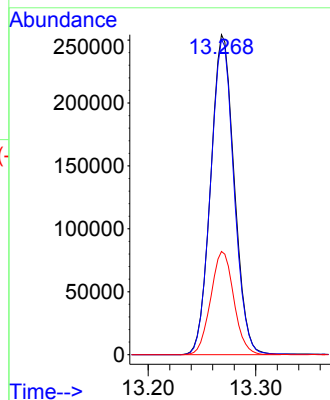
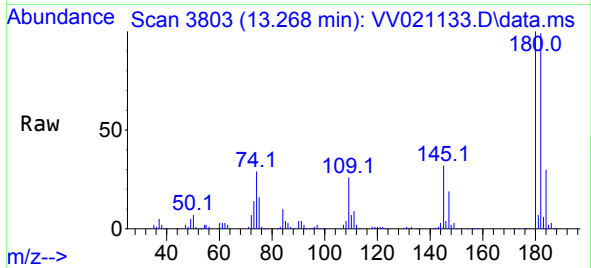




#70
1,2,4-trichlorobenzene
Concen: 50.74 ug/L
RT: 13.268 min Scan# 3803
Delta R.T. -0.000 min
Lab File: VV021133.D
Acq: 23 Apr 2021 20:57

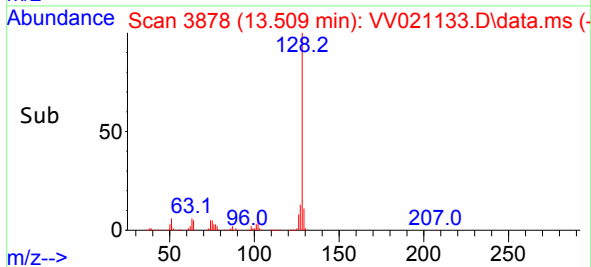
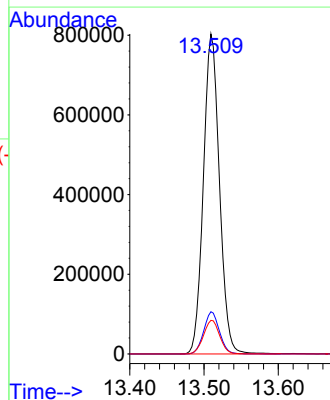
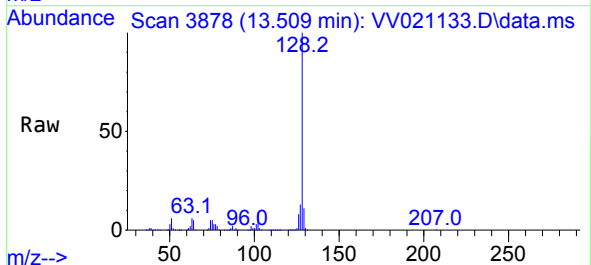
Instrument :
MSVOA_V
ClientSampled :

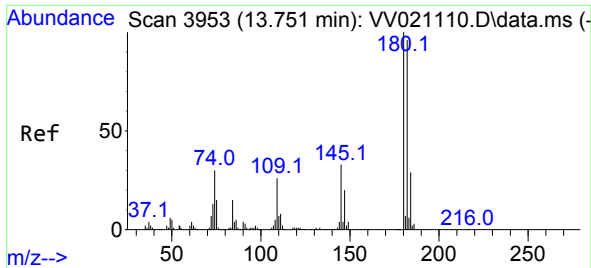
Tgt Ion:180 Resp: 385876
Ion Ratio Lower Upper
180 100
182 97.7 77.5 116.3
145 31.7 24.3 36.5



#71
Naphthalene
Concen: 56.87 ug/L
RT: 13.509 min Scan# 3878
Delta R.T. -0.000 min
Lab File: VV021133.D
Acq: 23 Apr 2021 20:57

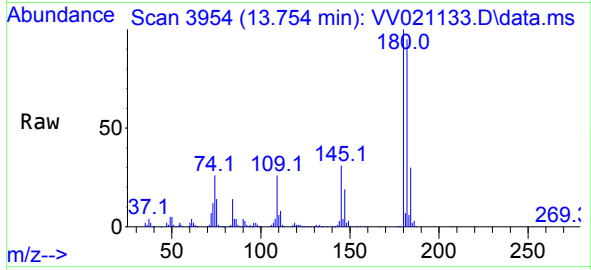
Tgt Ion:128 Resp: 1204783
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.7 8.6 13.0





#72
 1,2,3-Trichlorobenzene
 Concen: 53.06 ug/L
 RT: 13.754 min Scan# 3954
 Delta R.T. 0.003 min
 Lab File: VV021133.D
 Acq: 23 Apr 2021 20:57

Instrument :
 MSVOA_V
 ClientSampled :



Tgt Ion:180 Resp: 411727

Ion	Ratio	Lower	Upper
180	100		
182	96.2	75.9	113.9
145	31.9	25.0	37.6

