

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041421\
 Data File : VV021018.D
 Acq On : 14 Apr 2021 20:31
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 15 03:07:40 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	5.622	114	501693	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	493980	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.255	152	282549	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.311	65	128007	46.90	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	93.80%		
7) Chloroethane-d5	1.571	69	102188	47.63	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	95.26%		
11) 1,1-Dichloroethene-d2	2.111	63	278892	47.64	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	95.28%		
21) 2-Butanone-d5	3.905	46	185092	103.12	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	103.12%		
24) Chloroform-d	4.352	84	325407	48.03	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.06%		
26) 1,2-Dichloroethane-d4	5.037	65	224878	49.11	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	98.22%		
32) Benzene-d6	5.053	84	581713	47.70	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.40%		
36) 1,2-Dichloropropane-d6	6.072	67	162310	47.94	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	95.88%		
41) Toluene-d8	7.320	98	587576	48.62	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	97.24%		
43) trans-1,3-Dichloroprop...	7.625	79	99686	47.77	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	95.54%		
47) 2-Hexanone-d5	8.095	63	148749	102.28	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	102.28%		
56) 1,1,2,2-Tetrachloroeth...	10.220	84	263844	48.08	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	96.16%		
66) 1,2-Dichlorobenzene-d4	11.632	152	278626	48.30	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	96.60%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	195800	49.07	ug/L	98
3) Chloromethane	1.243	50	132865	49.44	ug/L	100
5) Vinyl chloride	1.314	62	148601	49.69	ug/L	95
6) Bromomethane	1.526	94	116108	52.51	ug/L	99
8) Chloroethane	1.587	64	95467	49.35	ug/L	98
9) Trichlorofluoromethane	1.754	101	340912	48.25	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	162515	48.60	ug/L	98
12) 1,1-Dichloroethene	2.118	96	148585	49.47	ug/L	98
13) Acetone	2.204	43	134069	89.17	ug/L	99
14) Carbon disulfide	2.298	76	411381	49.73	ug/L	98
15) Methyl Acetate	2.442	43	133901	52.91	ug/L	99
16) Methylene chloride	2.510	84	172072	50.92	ug/L	98
17) trans-1,2-Dichloroethene	2.764	96	162803	50.95	ug/L	99
18) Methyl tert-butyl Ether	2.773	73	524654	52.27	ug/L	99
19) 1,1-Dichloroethane	3.195	63	277425	50.66	ug/L	99
20) cis-1,2-Dichloroethene	3.915	96	175690	51.59	ug/L	96
22) 2-Butanone	3.992	43	190708	103.88	ug/L	96
23) Bromochloromethane	4.253	128	106011	52.37	ug/L	95
25) Chloroform	4.381	83	346363	49.66	ug/L	100

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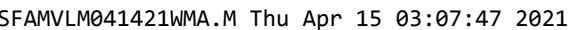
Instrument :
 MSVOA_V
 ClientSampleId :

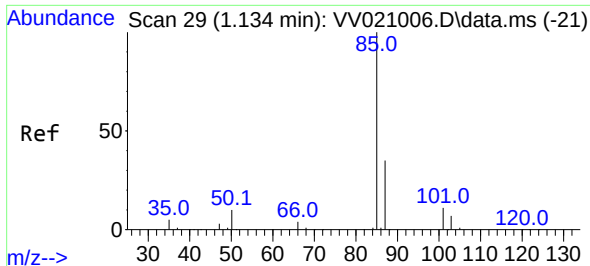
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.134	62	269047	50.49	ug/L	99
29) Cyclohexane	4.680	56	222020	51.58	ug/L	97
30) 1,1,1-Trichloroethane	4.613	97	337577	50.90	ug/L	99
31) Carbon tetrachloride	4.831	117	310191	50.36	ug/L	99
33) Benzene	5.105	78	627907	50.88	ug/L	100
34) Trichloroethene	5.918	95	180357	50.75	ug/L	99
35) Methylcyclohexane	6.137	83	255055	49.37	ug/L	98
37) 1,2-Dichloropropane	6.178	63	152873	52.25	ug/L	98
38) Bromodichloromethane	6.513	83	256167	51.28	ug/L	98
39) cis-1,3-Dichloropropene	7.031	75	270459	52.87	ug/L	98
40) 4-Methyl-2-pentanone	7.233	43	383906	106.81	ug/L	99
42) Toluene	7.391	91	727132	52.26	ug/L	99
44) trans-1,3-Dichloropropene	7.654	75	273158	51.68	ug/L	100
45) 1,1,2-Trichloroethane	7.844	97	174261	51.28	ug/L	97
46) Tetrachloroethene	7.979	164	168420	49.79	ug/L	97
48) 2-Hexanone	8.146	43	304150	109.14	ug/L	99
49) Dibromochloromethane	8.249	129	235937	52.13	ug/L	100
50) 1,2-Dibromoethane	8.358	107	194756	51.52	ug/L	94
51) Chlorobenzene	8.886	112	506743	51.69	ug/L	98
52) Ethylbenzene	9.018	91	835531	53.06	ug/L	99
53) m,p-Xylene	9.143	106	324674	52.42	ug/L	98
54) o-Xylene	9.548	106	317865	53.09	ug/L	96
55) Styrene	9.564	104	560360	54.59	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.246	83	269294	49.87	ug/L	98
59) Bromoform	9.735	173	189471	51.52	ug/L	99
60) Isopropylbenzene	9.937	105	877520	52.70	ug/L	99
61) 1,2,3-Trichloropropane	10.278	75	226698	51.07	ug/L	98
62) 1,3,5-Trimethylbenzene	10.545	105	761799	53.46	ug/L	98
63) 1,2,4-Trimethylbenzene	10.921	105	780342	53.96	ug/L	98
64) 1,3-Dichlorobenzene	11.188	146	440709	51.61	ug/L	100
65) 1,4-Dichlorobenzene	11.278	146	435076	48.54	ug/L	98
67) 1,2-Dichlorobenzene	11.651	146	445553	50.33	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.435	75	70187	53.09	ug/L	94
69) 1,3,5-Trichlorobenzene	12.651	180	346951	51.60	ug/L	99
70) 1,2,4-trichlorobenzene	13.268	180	293967	52.88	ug/L	99
71) Naphthalene	13.509	128	854477	58.99	ug/L	99
72) 1,2,3-Trichlorobenzene	13.751	180	301614	53.95	ug/L	99

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

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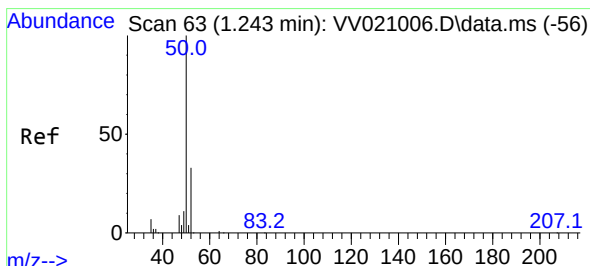
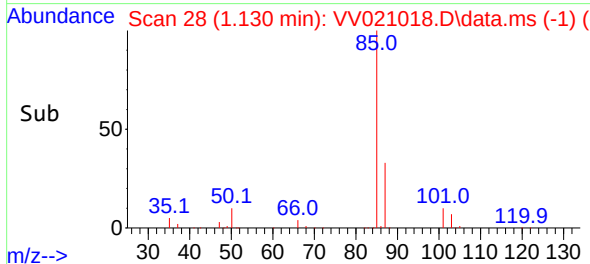
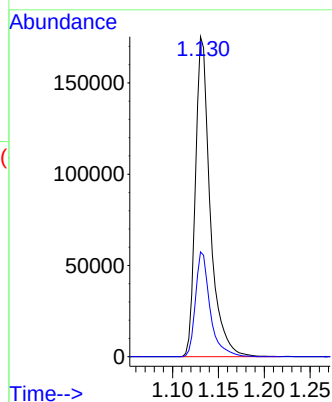
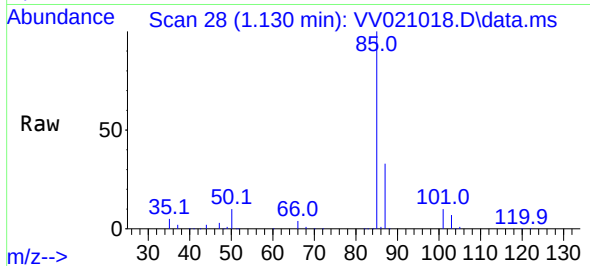




#2
 Dichlorodifluoromethane
 Concen: 49.07 ug/L
 RT: 1.130 min Scan# 28
 Delta R.T. -0.004 min
 Lab File: VV021018.D
 Acq: 14 Apr 2021 20:31

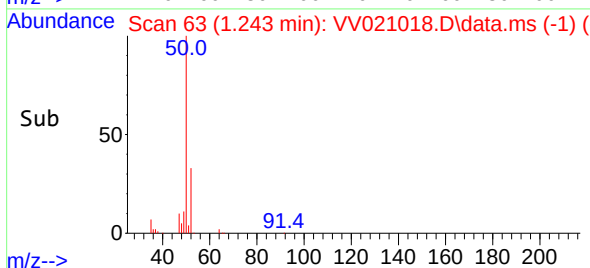
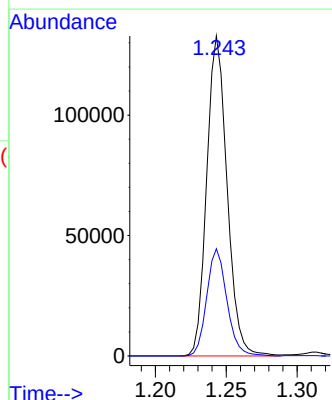
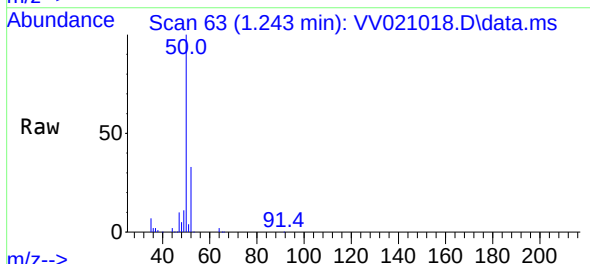
Instrument :
 MSVOA_V
 ClientSampled :

Tgt Ion: 85 Resp: 195800
 Ion Ratio Lower Upper
 85 100
 87 32.5 27.0 40.4

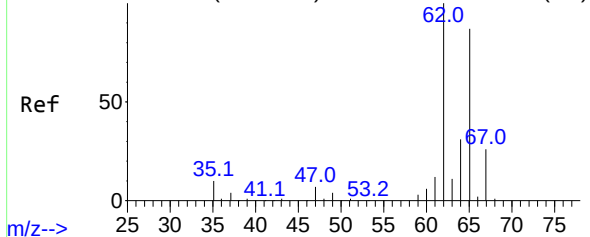


#3
 Chloromethane
 Concen: 49.44 ug/L
 RT: 1.243 min Scan# 63
 Delta R.T. 0.000 min
 Lab File: VV021018.D
 Acq: 14 Apr 2021 20:31

Tgt Ion: 50 Resp: 132865
 Ion Ratio Lower Upper
 50 100
 52 33.5 23.4 43.4



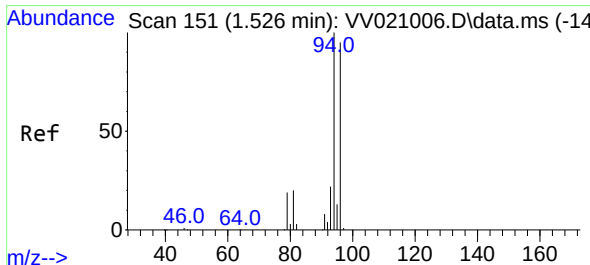
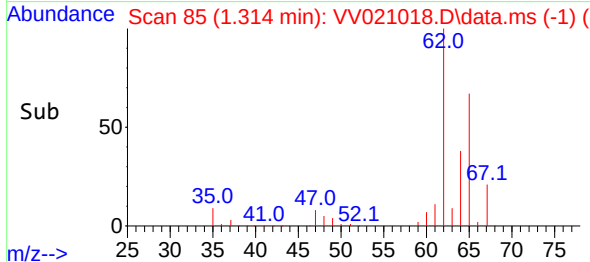
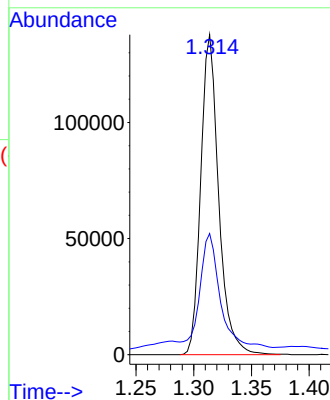
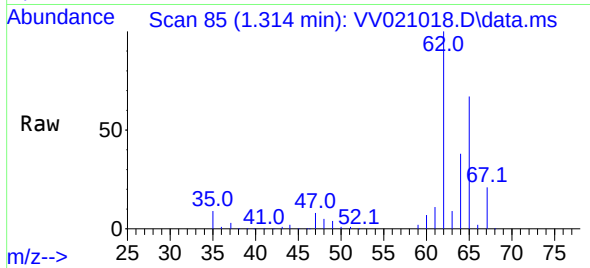
Abundance Scan 85 (1.314 min): VV021006.D\data.ms (-77)



#5
Vinyl chloride
Concen: 49.69 ug/L
RT: 1.314 min Scan# 85
Delta R.T. -0.000 min
Lab File: VV021018.D
Acq: 14 Apr 2021 20:31

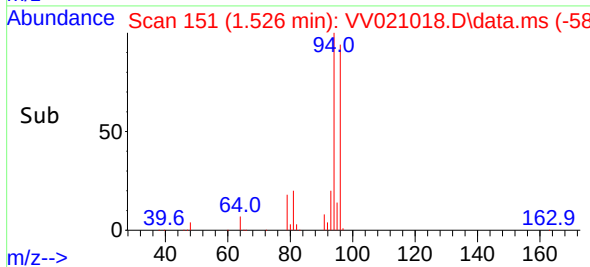
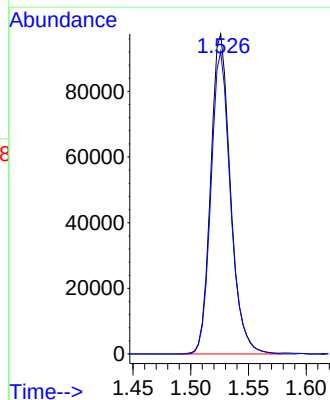
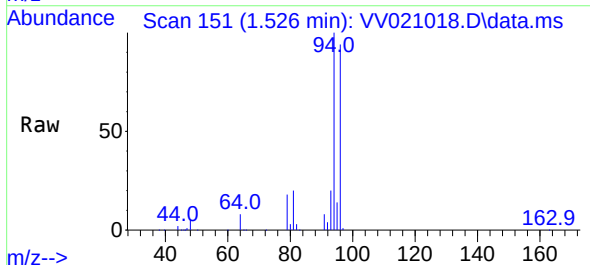
Tgt Ion: 62 Resp: 148601
Ion Ratio Lower Upper
62 100
64 37.9 24.3 45.1

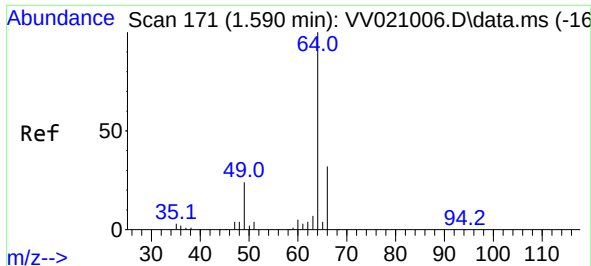
Instrument :
MSVOA_V
ClientSampled :



#6
Bromomethane
Concen: 52.51 ug/L
RT: 1.526 min Scan# 151
Delta R.T. -0.000 min
Lab File: VV021018.D
Acq: 14 Apr 2021 20:31

Tgt Ion: 94 Resp: 116108
Ion Ratio Lower Upper
94 100
96 94.5 66.6 123.8

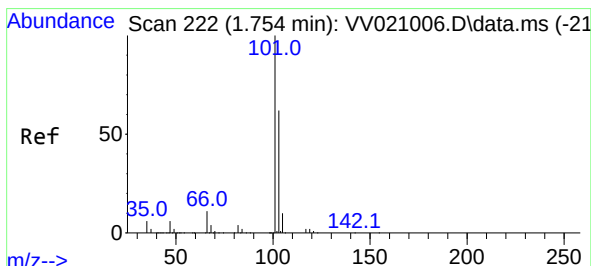
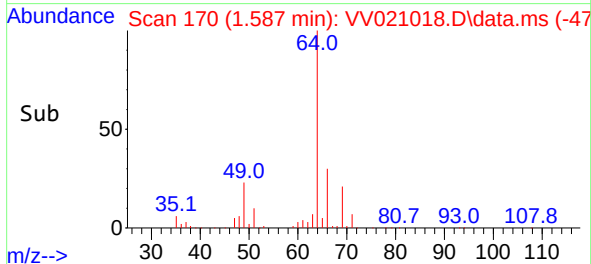
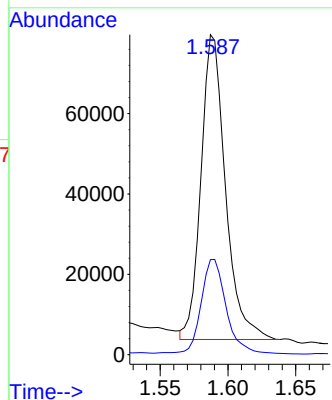
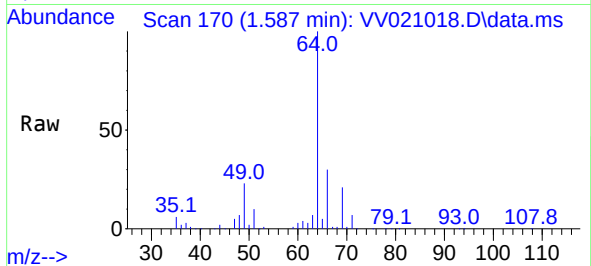




#8
Chloroethane
Concen: 49.35 ug/L
RT: 1.587 min Scan# 170
Delta R.T. -0.003 min
Lab File: VV021018.D
Acq: 14 Apr 2021 20:31

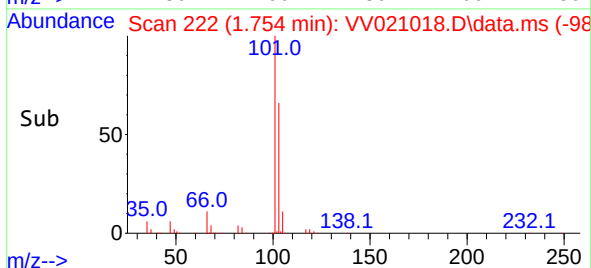
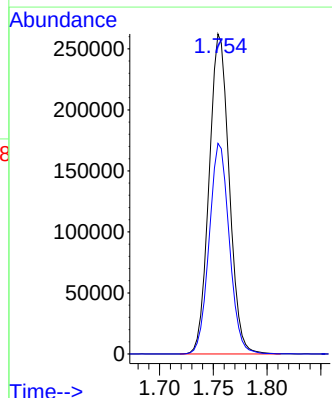
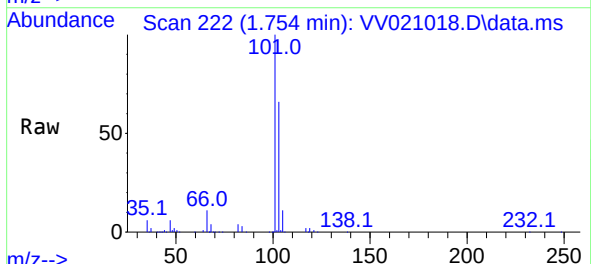
Instrument :
MSVOA_V
ClientSampled :

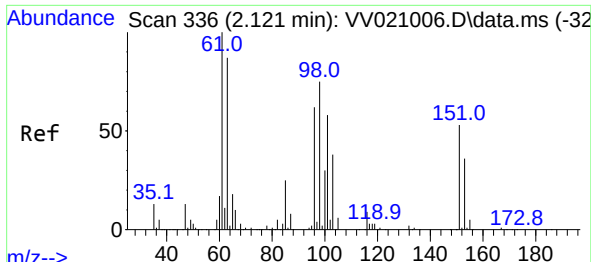
Tgt Ion: 64 Resp: 95467
Ion Ratio Lower Upper
64 100
66 29.7 21.6 40.2



#9
Trichlorofluoromethane
Concen: 48.25 ug/L
RT: 1.754 min Scan# 222
Delta R.T. 0.000 min
Lab File: VV021018.D
Acq: 14 Apr 2021 20:31

Tgt Ion:101 Resp: 340912
Ion Ratio Lower Upper
101 100
103 65.9 51.9 77.9

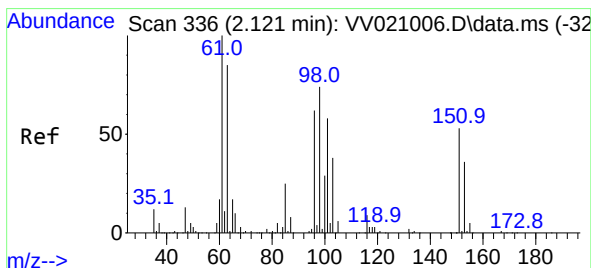
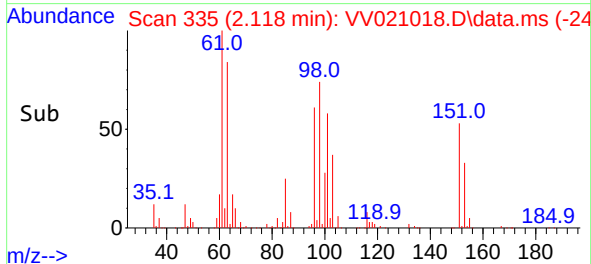
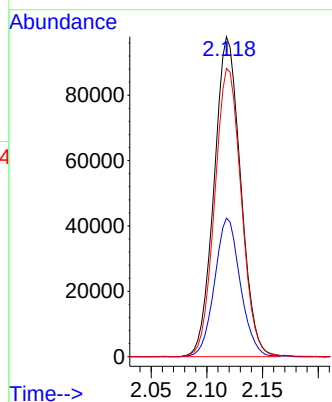
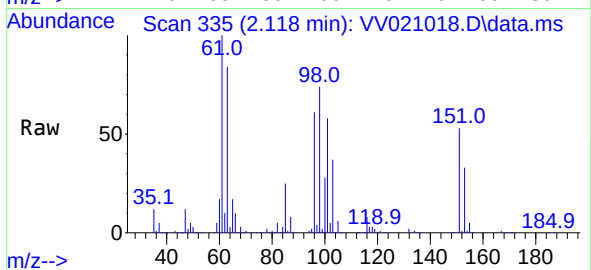




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 48.60 ug/L
RT: 2.118 min Scan# 335
Delta R.T. -0.003 min
Lab File: VV021018.D
Acq: 14 Apr 2021 20:31

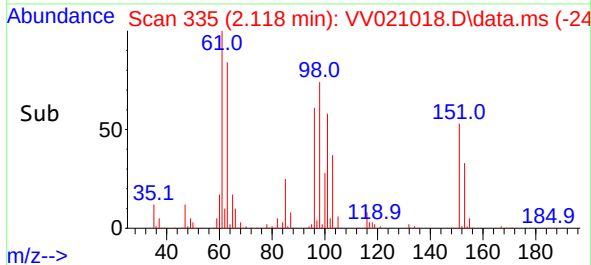
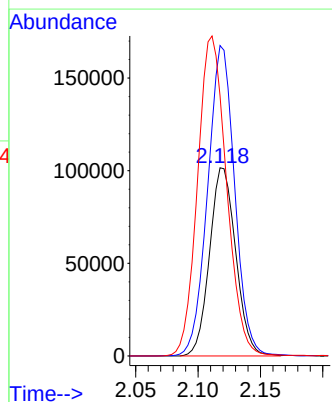
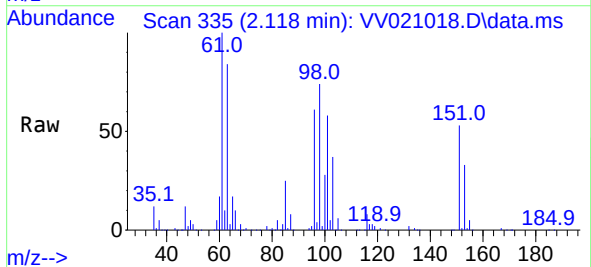
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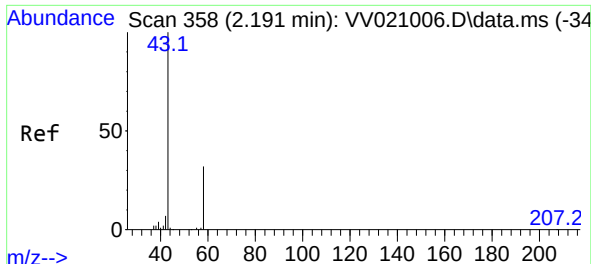
Tgt Ion:101 Resp: 162515
Ion Ratio Lower Upper
101 100
85 42.0 34.2 51.2
151 90.3 70.6 105.8



#12
1,1-Dichloroethene
Concen: 49.47 ug/L
RT: 2.118 min Scan# 335
Delta R.T. -0.003 min
Lab File: VV021018.D
Acq: 14 Apr 2021 20:31

Tgt Ion: 96 Resp: 148585
Ion Ratio Lower Upper
96 100
61 165.0 113.1 210.1
63 138.3 98.1 182.3

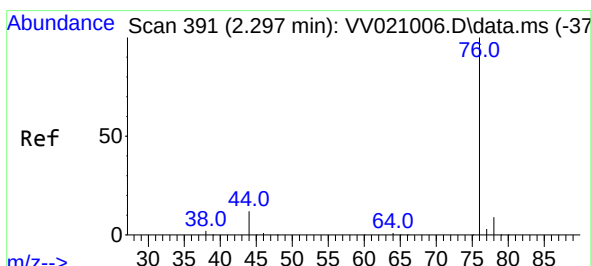
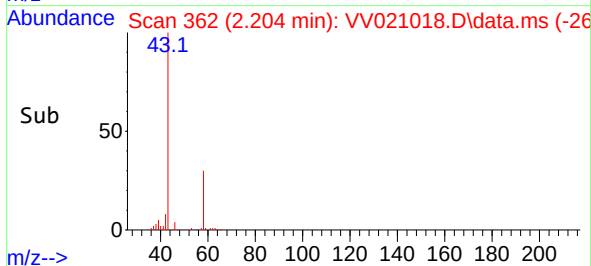
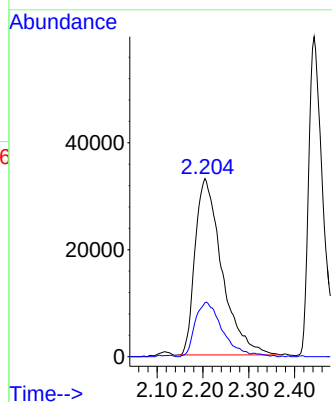
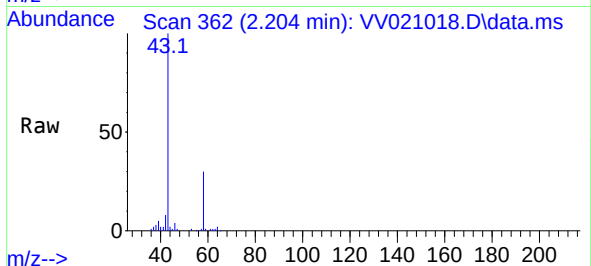




#13
Acetone
Concen: 89.17 ug/L
RT: 2.204 min Scan# 362
Delta R.T. 0.013 min
Lab File: VV021018.D
Acq: 14 Apr 2021 20:31

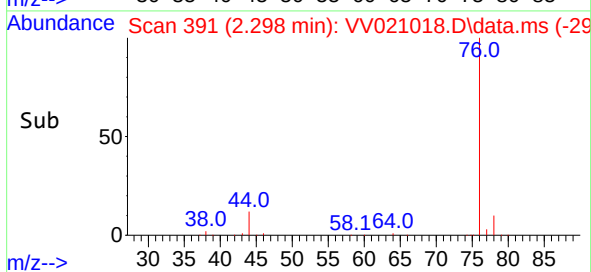
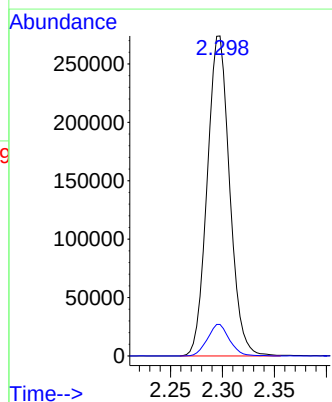
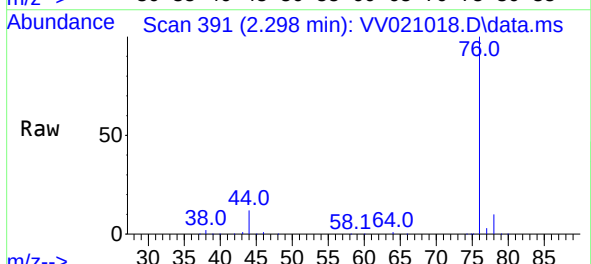
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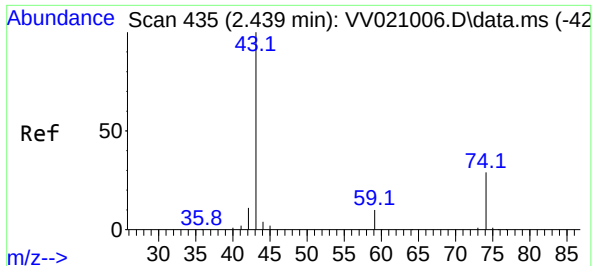
Tgt Ion: 43 Resp: 134069
Ion Ratio Lower Upper
43 100
58 30.5 0.0 61.8



#14
Carbon disulfide
Concen: 49.73 ug/L
RT: 2.298 min Scan# 391
Delta R.T. 0.001 min
Lab File: VV021018.D
Acq: 14 Apr 2021 20:31

Tgt Ion: 76 Resp: 411381
Ion Ratio Lower Upper
76 100
78 9.9 7.4 11.2

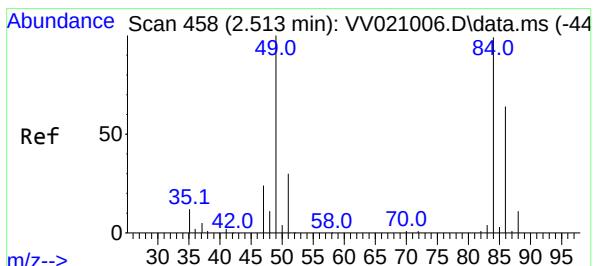
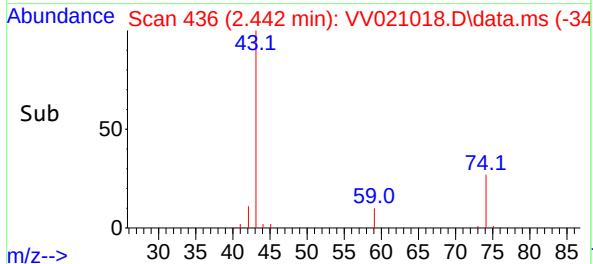
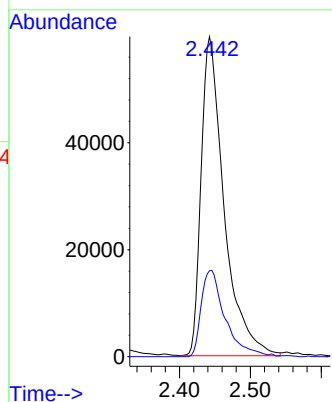
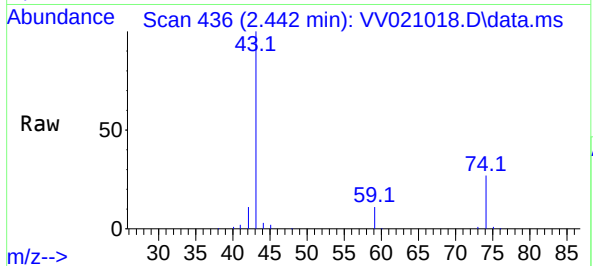




#15
Methyl Acetate
Concen: 52.91 ug/L
RT: 2.442 min Scan# 436
Delta R.T. 0.003 min
Lab File: VV021018.D
Acq: 14 Apr 2021 20:31

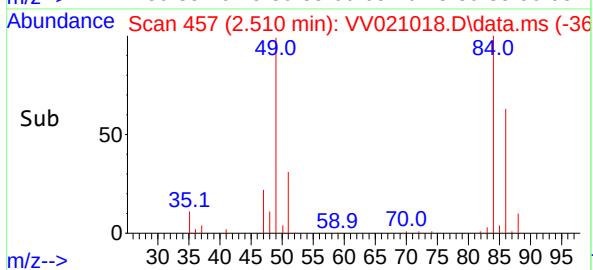
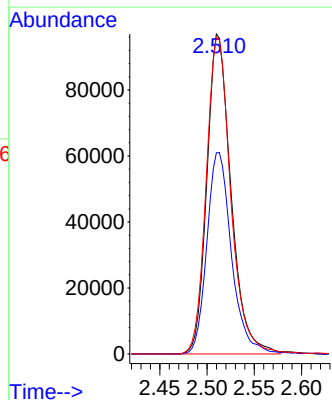
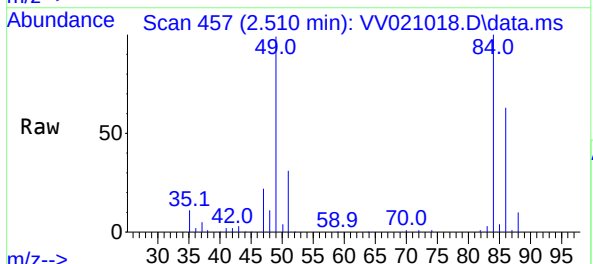
Instrument :
MSVOA_V
ClientSampled :

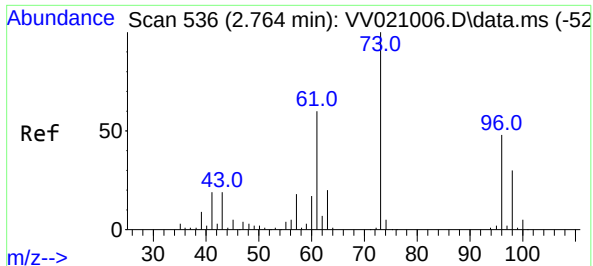
Tgt Ion: 43 Resp: 133901
Ion Ratio Lower Upper
43 100
74 28.0 22.9 34.3



#16
Methylene chloride
Concen: 50.92 ug/L
RT: 2.510 min Scan# 457
Delta R.T. -0.003 min
Lab File: VV021018.D
Acq: 14 Apr 2021 20:31

Tgt Ion: 84 Resp: 172072
Ion Ratio Lower Upper
84 100
86 62.9 44.9 83.3
49 99.0 70.4 130.8



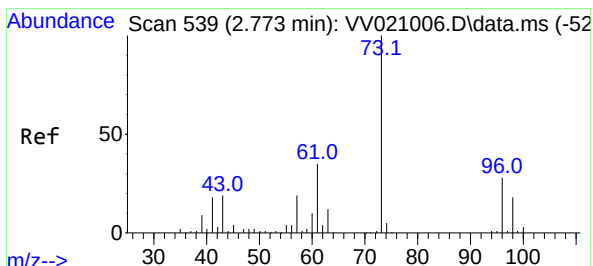
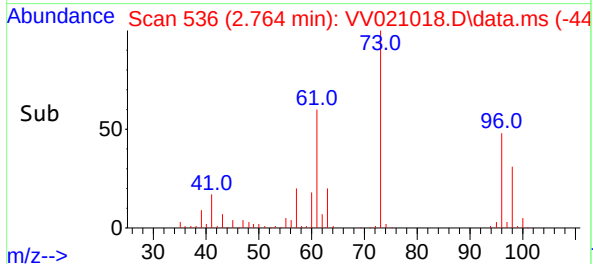
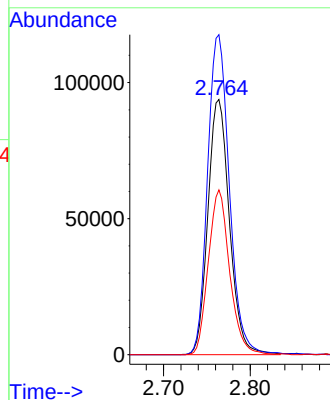
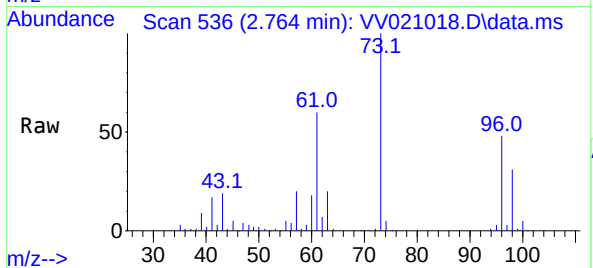


#17

trans-1,2-Dichloroethene
Concen: 50.95 ug/L
RT: 2.764 min Scan# 536
Delta R.T. -0.000 min
Lab File: VV021018.D
Acq: 14 Apr 2021 20:31

Instrument :
MSVOA_V
ClientSampleId :

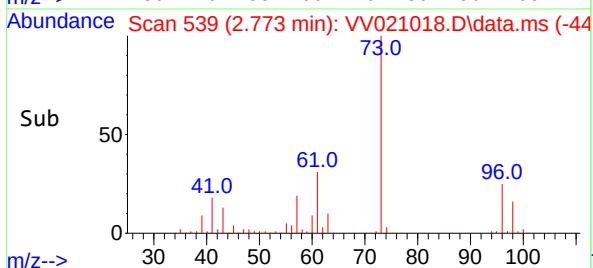
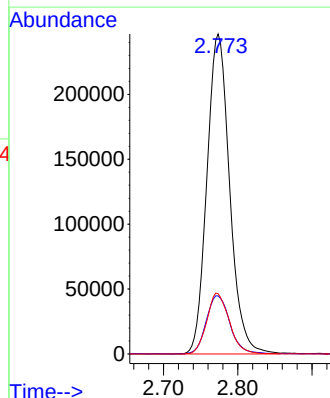
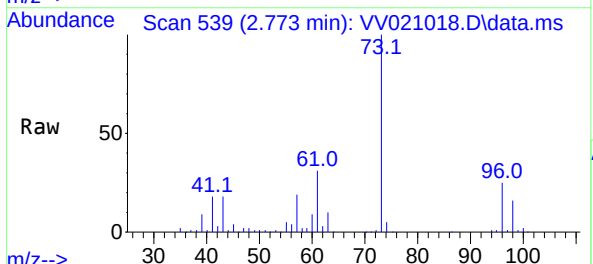
Tgt Ion: 96 Resp: 162803
Ion Ratio Lower Upper
96 100
61 125.4 88.4 164.2
98 64.5 44.7 82.9

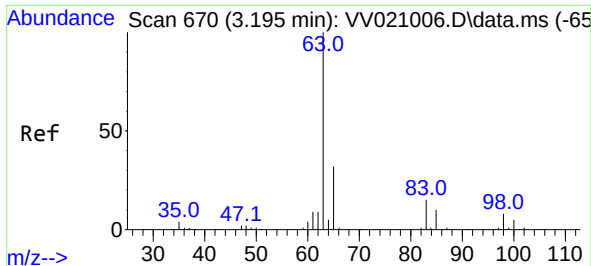


#18

Methyl tert-butyl Ether
Concen: 52.27 ug/L
RT: 2.773 min Scan# 539
Delta R.T. 0.000 min
Lab File: VV021018.D
Acq: 14 Apr 2021 20:31

Tgt Ion: 73 Resp: 524654
Ion Ratio Lower Upper
73 100
43 18.8 15.3 22.9
57 18.8 14.9 22.3



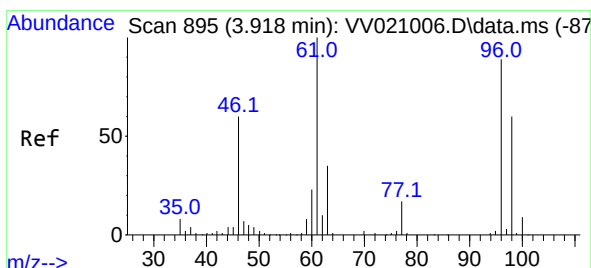
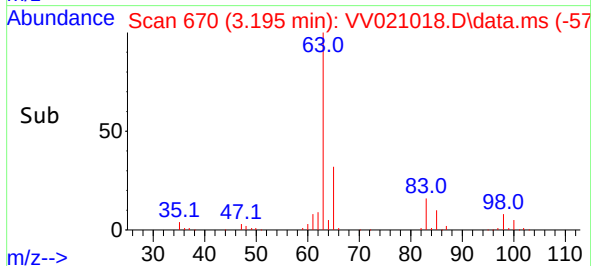
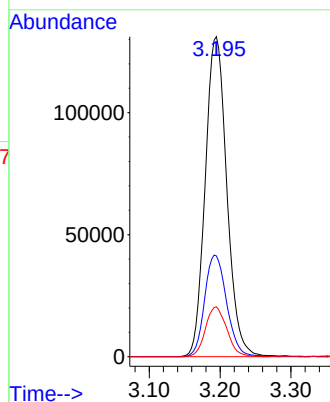
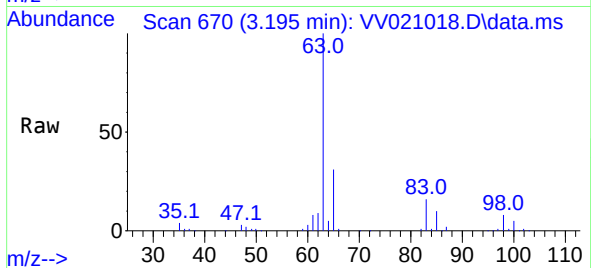


#19
1,1-Dichloroethane
Concen: 50.66 ug/L
RT: 3.195 min Scan# 670
Delta R.T. -0.000 min
Lab File: VV021018.D
Acq: 14 Apr 2021 20:31

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 63 Resp: 277425

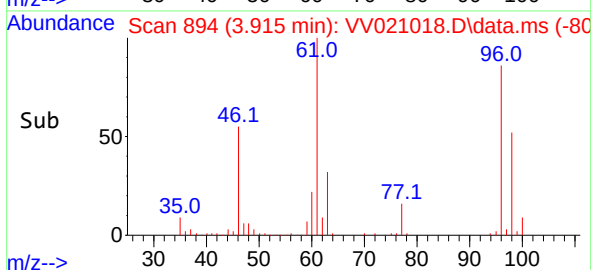
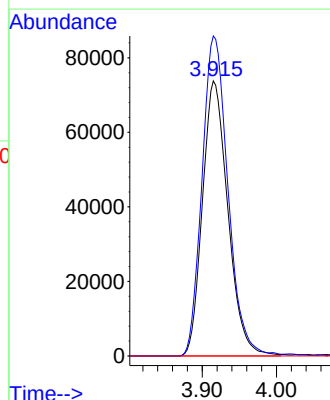
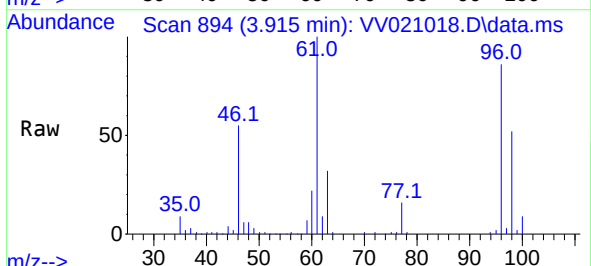
Ion	Ratio	Lower	Upper
63	100		
65	31.5	22.7	42.1
83	15.6	10.6	19.8

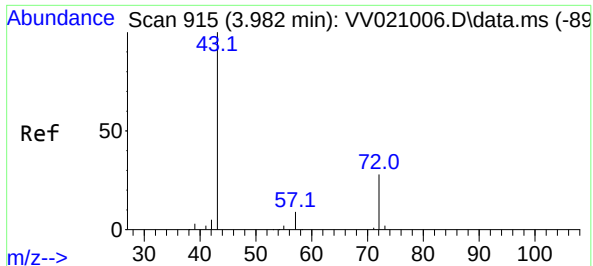


#20
cis-1,2-Dichloroethene
Concen: 51.59 ug/L
RT: 3.915 min Scan# 894
Delta R.T. -0.003 min
Lab File: VV021018.D
Acq: 14 Apr 2021 20:31

Tgt Ion: 96 Resp: 175690

Ion	Ratio	Lower	Upper
96	100		
61	116.3	78.3	145.3
68	0.0	0.0	0.0





#22

2-Butanone

Concen: 103.88 ug/L

RT: 3.992 min Scan# 918

Delta R.T. 0.010 min

Lab File: VV021018.D

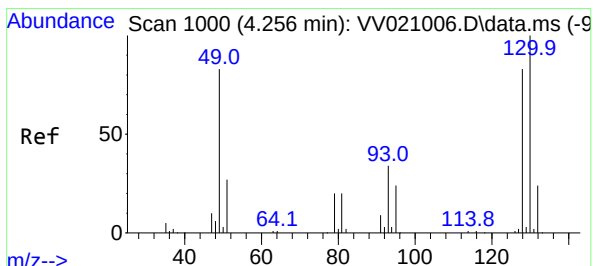
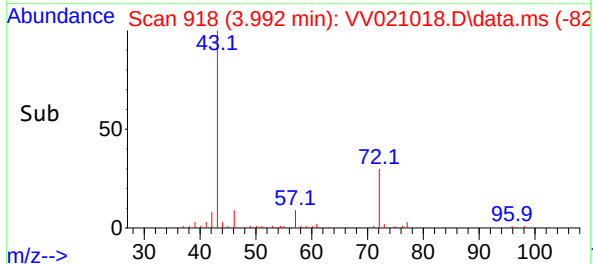
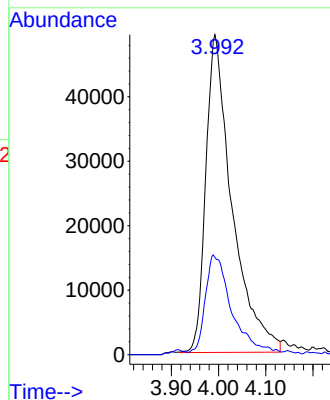
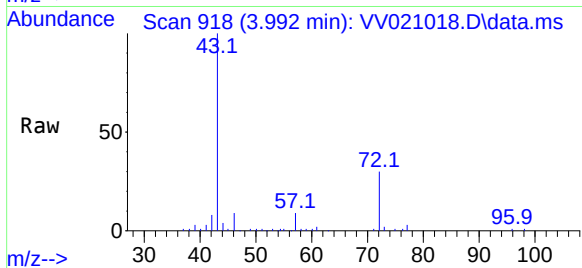
Acq: 14 Apr 2021 20:31

Tgt Ion: 43 Resp: 190708

Ion Ratio Lower Upper

43 100

72 27.0 14.7 44.1



#23

Bromochloromethane

Concen: 52.37 ug/L

RT: 4.253 min Scan# 999

Delta R.T. -0.003 min

Lab File: VV021018.D

Acq: 14 Apr 2021 20:31

Tgt Ion:128 Resp: 106011

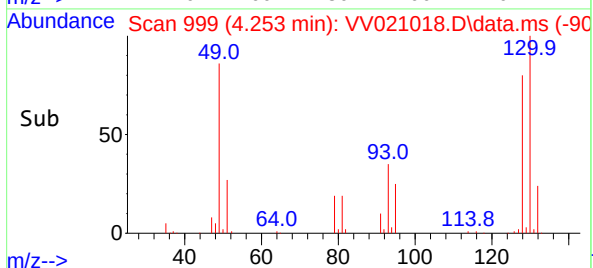
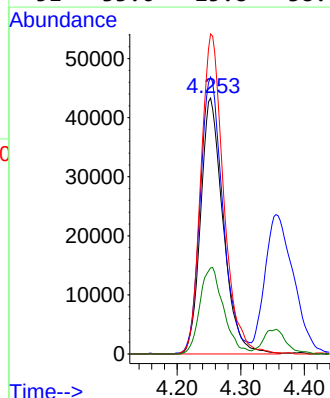
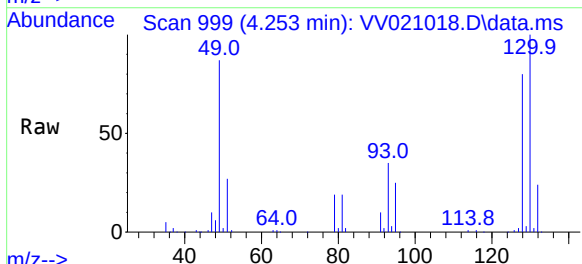
Ion Ratio Lower Upper

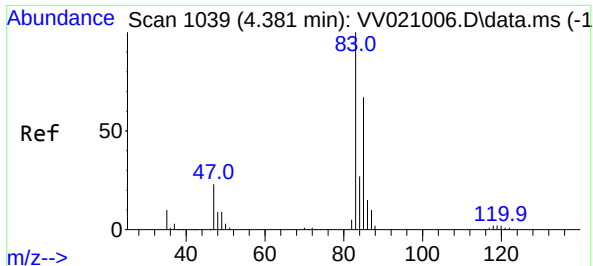
128 100

49 108.2 70.1 130.1

130 125.0 84.7 157.3

51 33.6 25.8 38.6



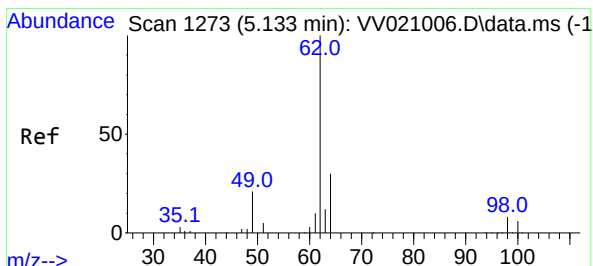
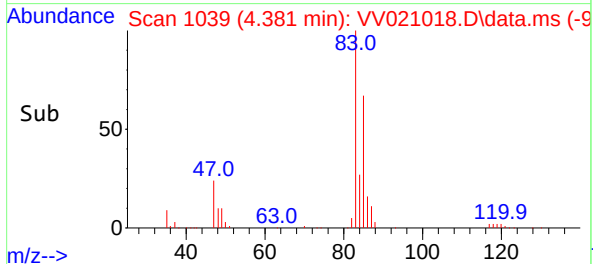
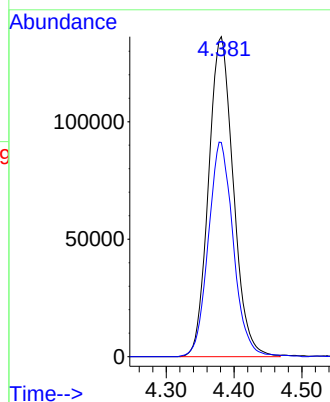
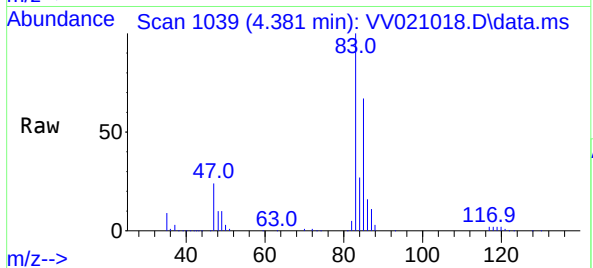


#25

Chloroform
Concen: 49.66 ug/L
RT: 4.381 min Scan# 1039
Delta R.T. 0.000 min
Lab File: VV021018.D
Acq: 14 Apr 2021 20:31

Instrument :
MSVOA_V
ClientSampleId :

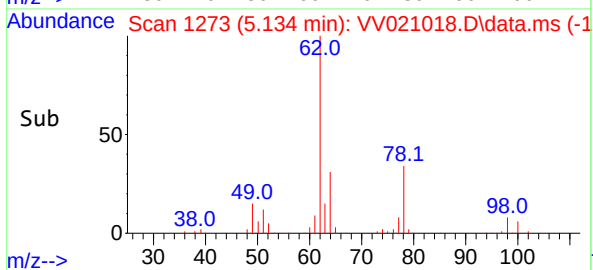
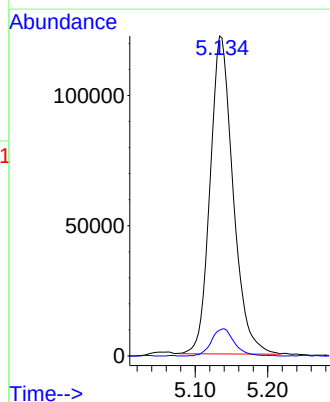
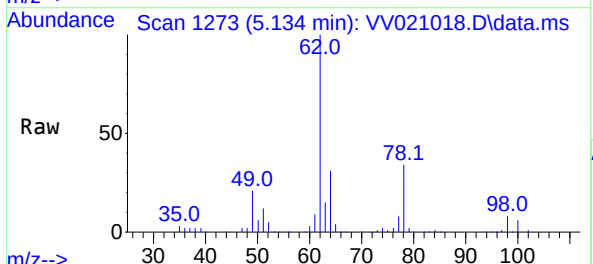
Tgt Ion: 83 Resp: 346363
Ion Ratio Lower Upper
83 100
85 66.9 46.6 86.6

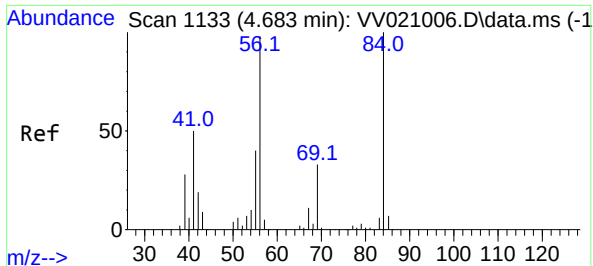


#27

1,2-Dichloroethane
Concen: 50.49 ug/L
RT: 5.134 min Scan# 1273
Delta R.T. 0.001 min
Lab File: VV021018.D
Acq: 14 Apr 2021 20:31

Tgt Ion: 62 Resp: 269047
Ion Ratio Lower Upper
62 100
98 8.0 6.7 10.1





#29

Cyclohexane

Concen: 51.58 ug/L

RT: 4.680 min Scan# 1132

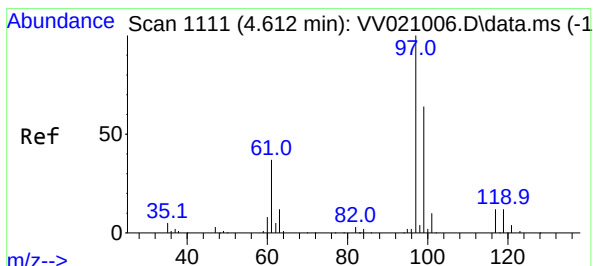
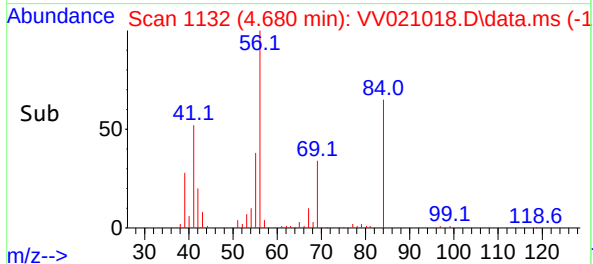
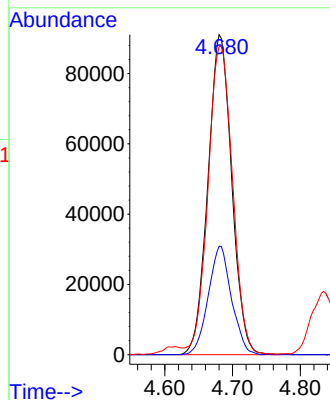
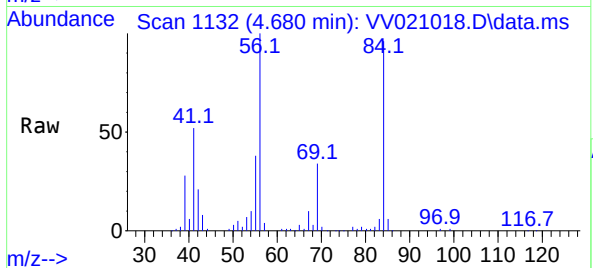
Delta R.T. -0.003 min

Lab File: VV021018.D

Acq: 14 Apr 2021 20:31

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:	56	Resp:	222020
Ion	Ratio	Lower	Upper
56	100		
69	33.1	27.0	40.6
84	99.1	82.6	124.0



#30

1,1,1-Trichloroethane

Concen: 50.90 ug/L

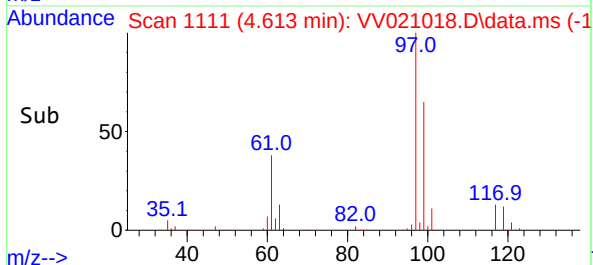
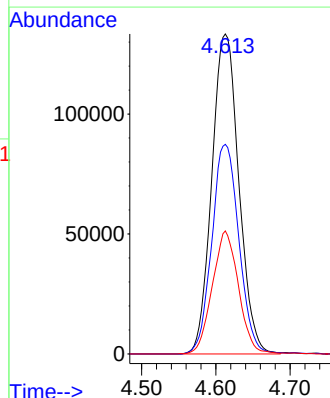
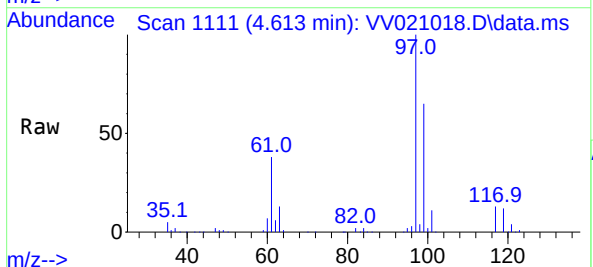
RT: 4.613 min Scan# 1111

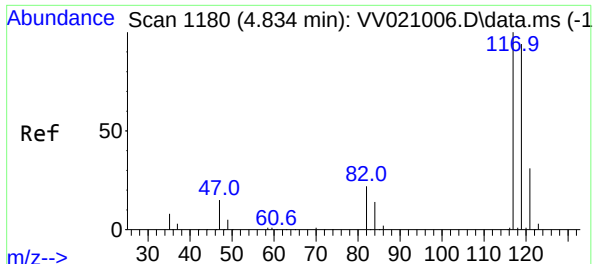
Delta R.T. 0.001 min

Lab File: VV021018.D

Acq: 14 Apr 2021 20:31

Tgt Ion:	97	Resp:	337577
Ion	Ratio	Lower	Upper
97	100		
99	65.7	51.8	77.8
61	37.2	30.4	45.6

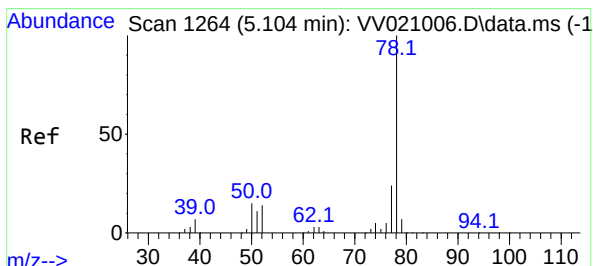
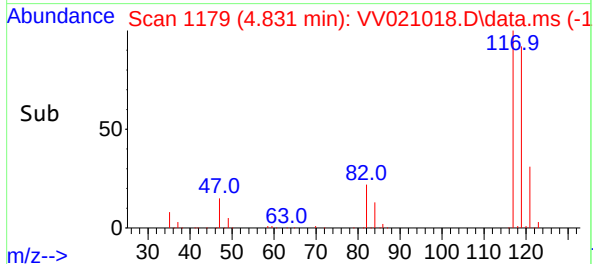
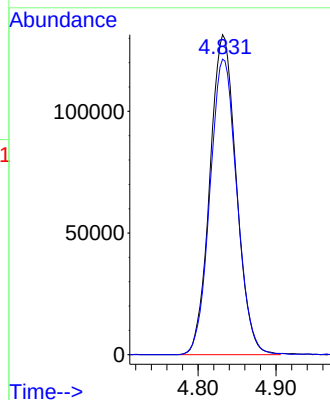
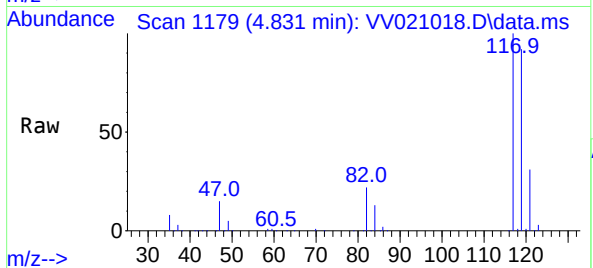




#31
Carbon tetrachloride
Concen: 50.36 ug/L
RT: 4.831 min Scan# 1179
Delta R.T. -0.003 min
Lab File: VV021018.D
Acq: 14 Apr 2021 20:31

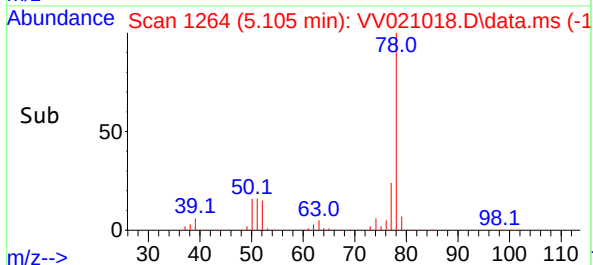
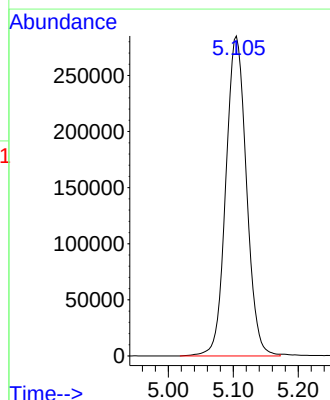
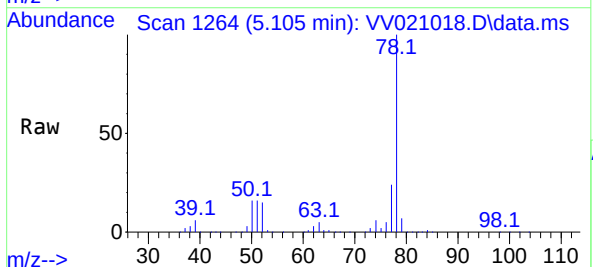
Instrument :
MSVOA_V
ClientSampled :

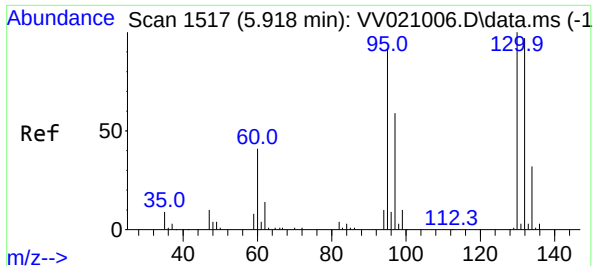
Tgt Ion:117 Resp: 310191
Ion Ratio Lower Upper
117 100
119 94.2 76.1 114.1



#33
Benzene
Concen: 50.88 ug/L
RT: 5.105 min Scan# 1264
Delta R.T. 0.001 min
Lab File: VV021018.D
Acq: 14 Apr 2021 20:31

Tgt Ion: 78 Resp: 627907

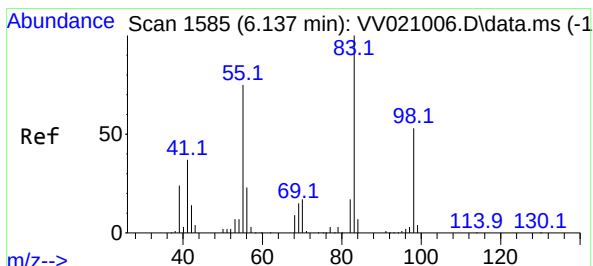
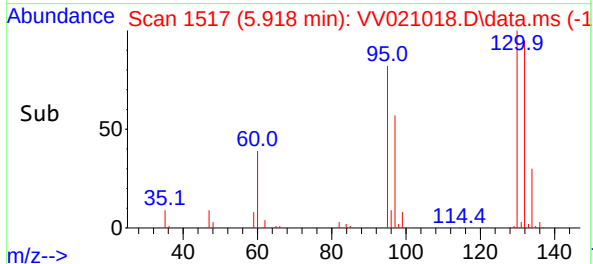
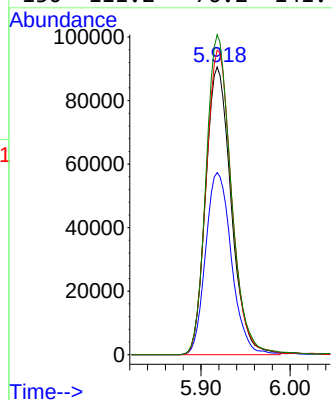
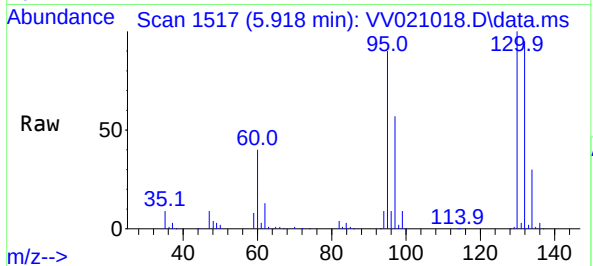




#34
Trichloroethene
Concen: 50.75 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VV021018.D
Acq: 14 Apr 2021 20:31

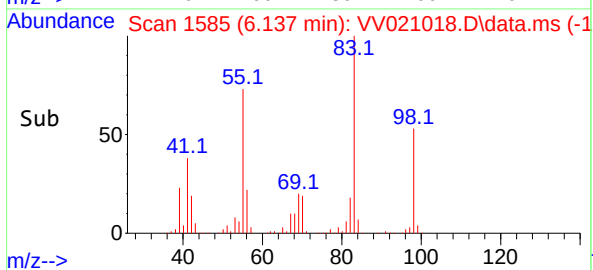
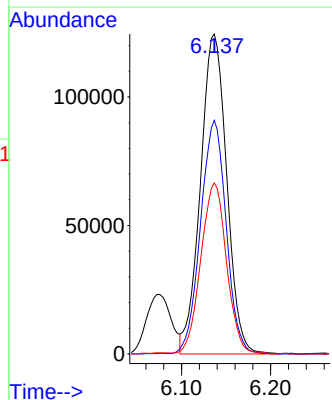
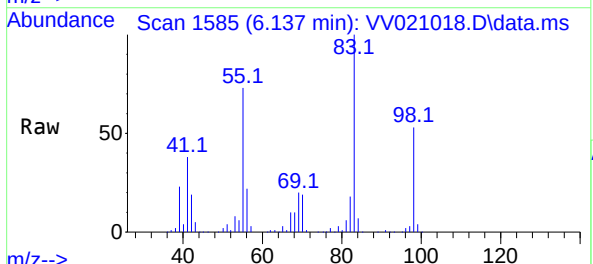
Instrument :
MSVOA_V
ClientSampled :

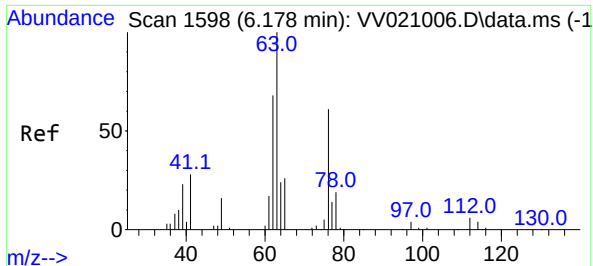
Tgt Ion: 95 Resp: 180357
Ion Ratio Lower Upper
95 100
97 63.3 45.1 83.9
132 105.9 74.2 137.8
130 111.2 76.2 141.4



#35
Methylcyclohexane
Concen: 49.37 ug/L
RT: 6.137 min Scan# 1585
Delta R.T. -0.000 min
Lab File: VV021018.D
Acq: 14 Apr 2021 20:31

Tgt Ion: 83 Resp: 255055
Ion Ratio Lower Upper
83 100
55 71.4 55.3 82.9
98 52.4 41.2 61.8



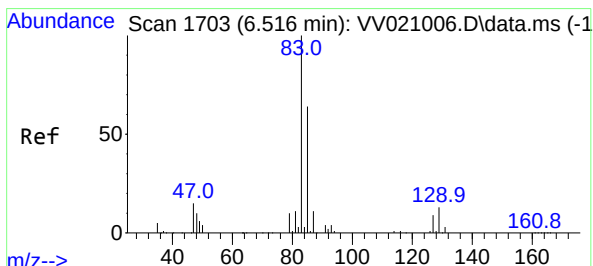
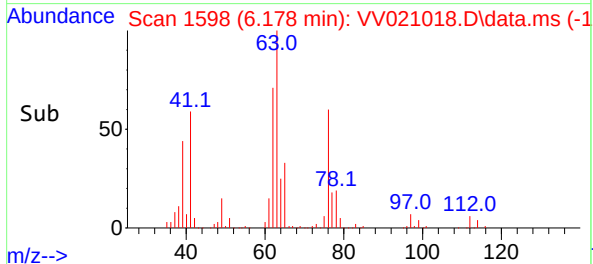
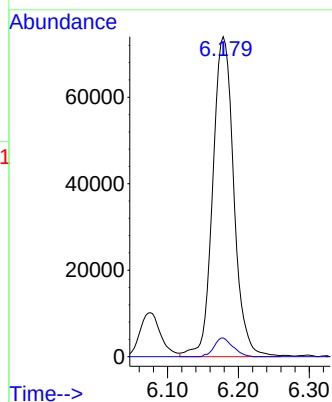
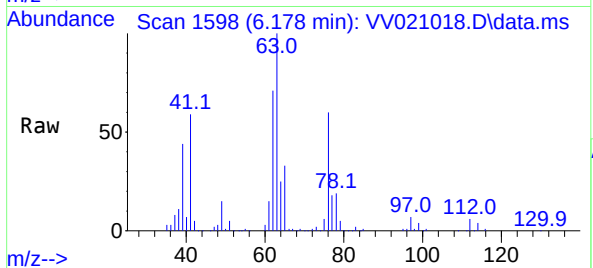


#37

1,2-Dichloropropane
Concen: 52.25 ug/L
RT: 6.178 min Scan# 1598
Delta R.T. 0.000 min
Lab File: VV021018.D
Acq: 14 Apr 2021 20:31

Instrument :
MSVOA_V
ClientSampleId :

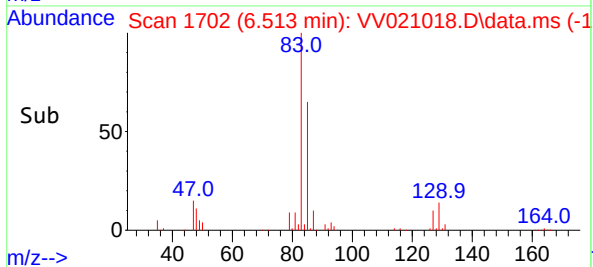
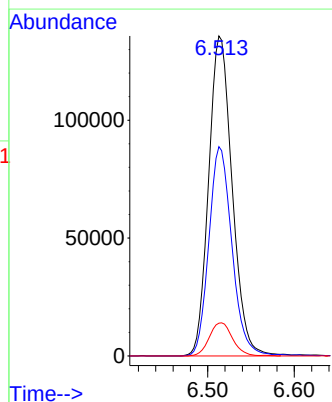
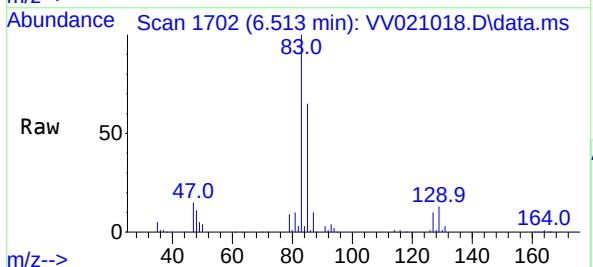
Tgt Ion: 63 Resp: 152873
Ion Ratio Lower Upper
63 100
112 5.2 4.8 7.2

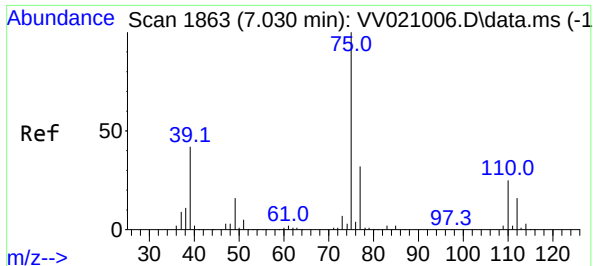


#38

Bromodichloromethane
Concen: 51.28 ug/L
RT: 6.513 min Scan# 1702
Delta R.T. -0.003 min
Lab File: VV021018.D
Acq: 14 Apr 2021 20:31

Tgt Ion: 83 Resp: 256167
Ion Ratio Lower Upper
83 100
85 65.4 44.6 82.8
127 10.3 7.5 11.3

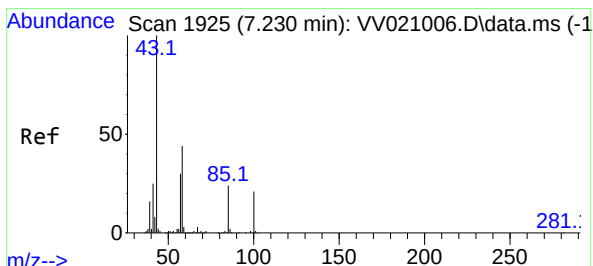
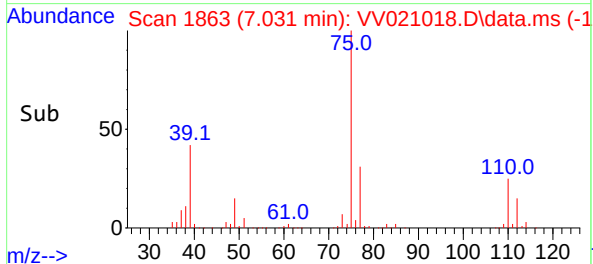
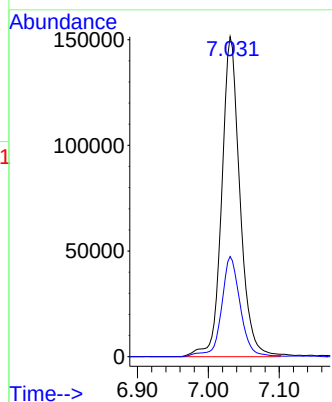
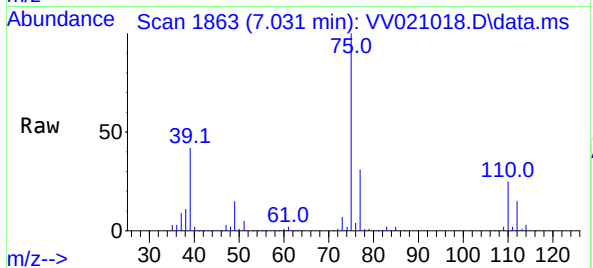




#39
cis-1,3-Dichloropropene
Concen: 52.87 ug/L
RT: 7.031 min Scan# 1863
Delta R.T. 0.001 min
Lab File: VV021018.D
Acq: 14 Apr 2021 20:31

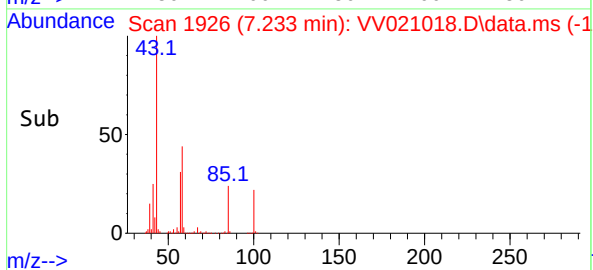
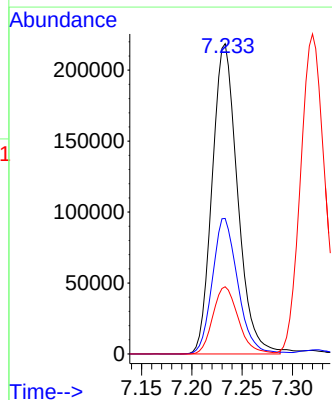
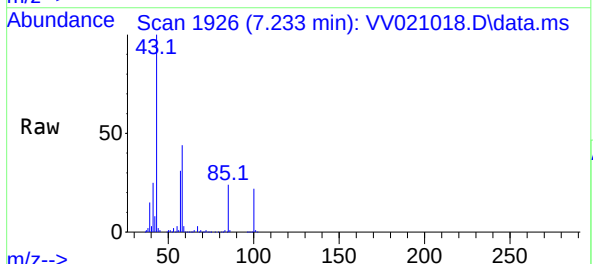
Instrument :
MSVOA_V
ClientSampled :

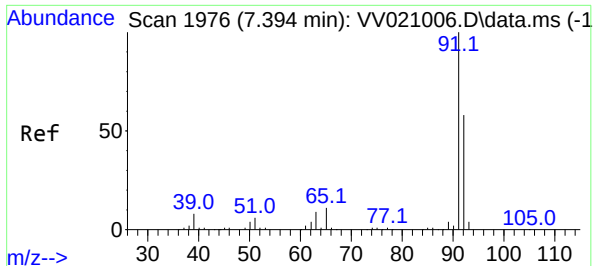
Tgt Ion: 75 Resp: 270459
Ion Ratio Lower Upper
75 100
77 31.3 22.6 42.0



#40
4-Methyl-2-pentanone
Concen: 106.81 ug/L
RT: 7.233 min Scan# 1926
Delta R.T. 0.003 min
Lab File: VV021018.D
Acq: 14 Apr 2021 20:31

Tgt Ion: 43 Resp: 383906
Ion Ratio Lower Upper
43 100
58 43.9 34.7 52.1
100 21.7 17.5 26.3





#42

Toluene

Concen: 52.26 ug/L

RT: 7.391 min Scan# 1975

Delta R.T. -0.003 min

Lab File: VV021018.D

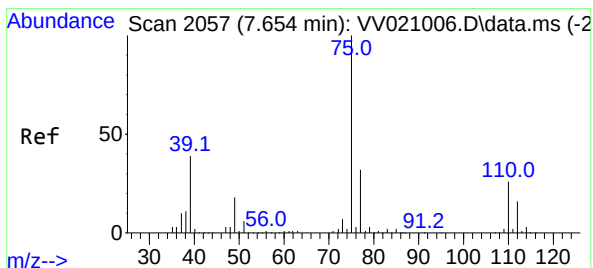
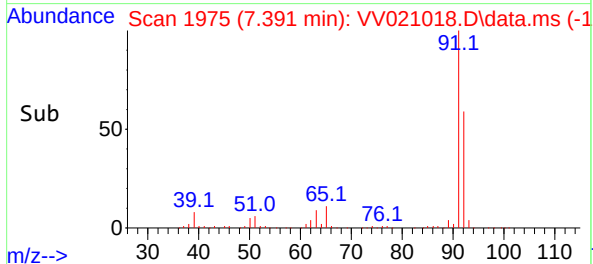
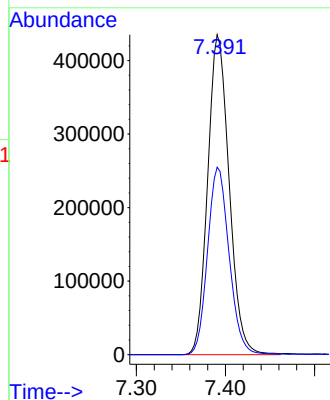
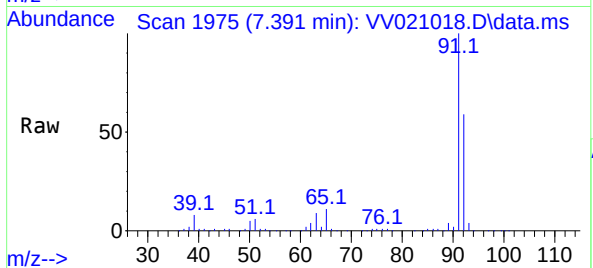
Acq: 14 Apr 2021 20:31

Tgt Ion: 91 Resp: 727132

Ion Ratio Lower Upper

91 100

92 58.6 40.5 75.3



#44

trans-1,3-Dichloropropene

Concen: 51.68 ug/L

RT: 7.654 min Scan# 2057

Delta R.T. 0.000 min

Lab File: VV021018.D

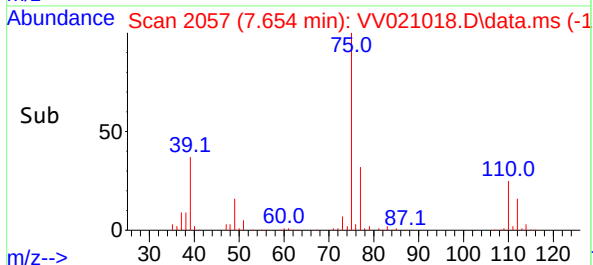
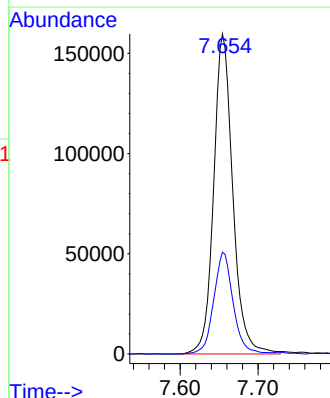
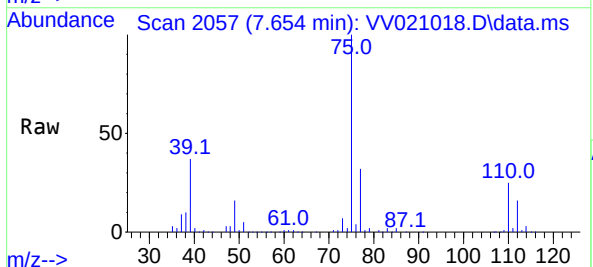
Acq: 14 Apr 2021 20:31

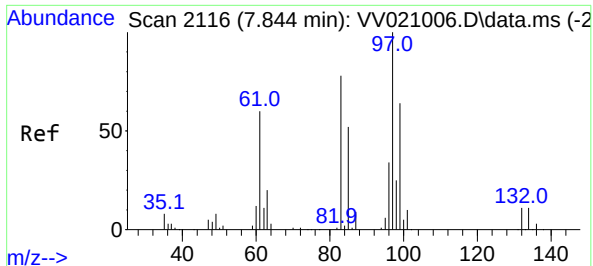
Tgt Ion: 75 Resp: 273158

Ion Ratio Lower Upper

75 100

77 31.8 22.3 41.3





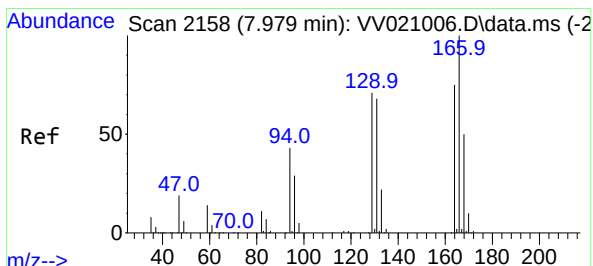
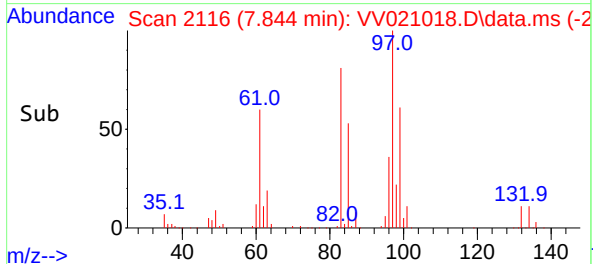
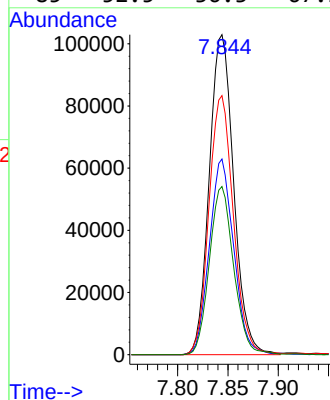
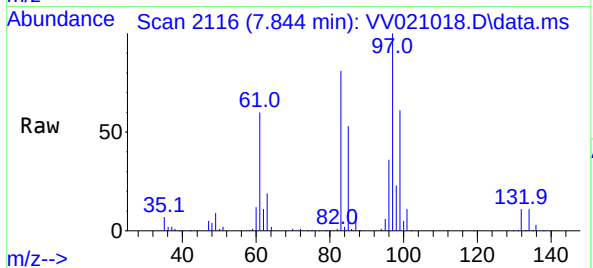
#45

1,1,2-Trichloroethane
Concen: 51.28 ug/L
RT: 7.844 min Scan# 2116
Delta R.T. 0.000 min
Lab File: VV021018.D
Acq: 14 Apr 2021 20:31

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion: 97 Resp: 174261

Ion	Ratio	Lower	Upper
97	100		
99	61.1	44.9	83.3
83	81.0	54.5	101.1
85	52.5	36.3	67.3

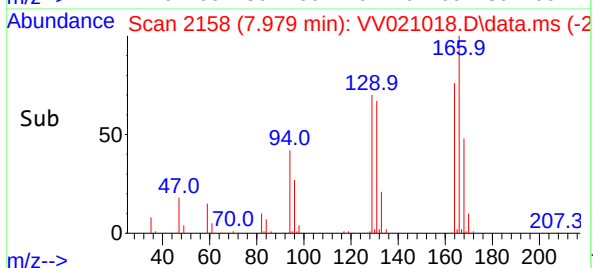
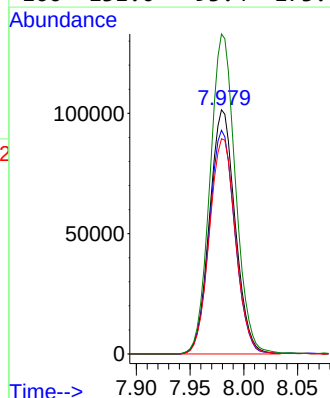
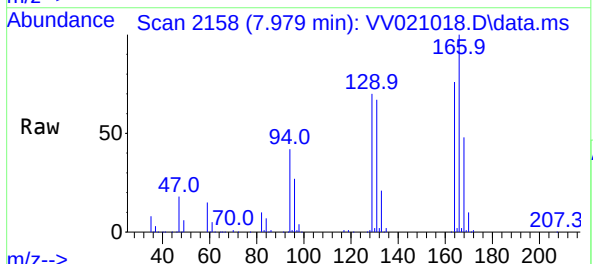


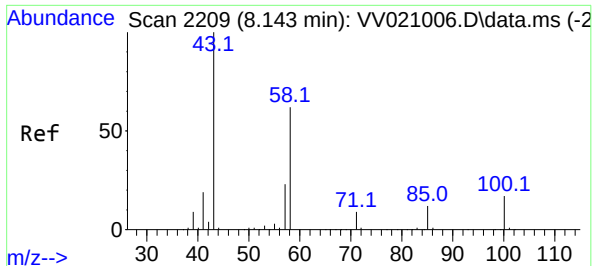
#46

Tetrachloroethene
Concen: 49.79 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. 0.000 min
Lab File: VV021018.D
Acq: 14 Apr 2021 20:31

Tgt Ion: 164 Resp: 168420

Ion	Ratio	Lower	Upper
164	100		
129	91.6	66.5	123.5
131	88.1	63.8	118.4
166	131.0	93.4	173.4



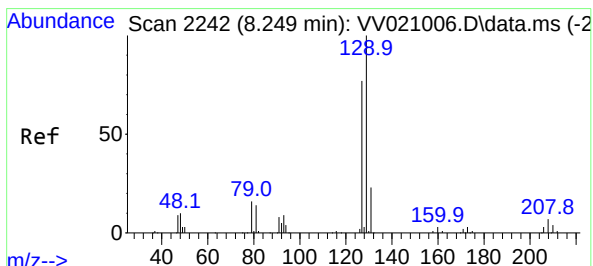
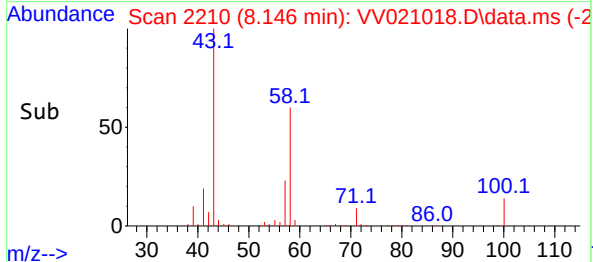
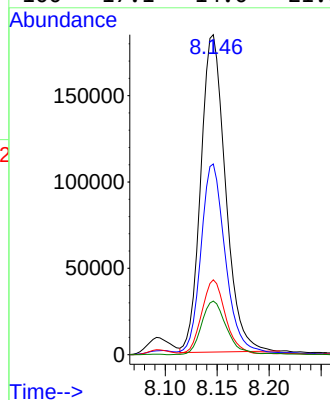
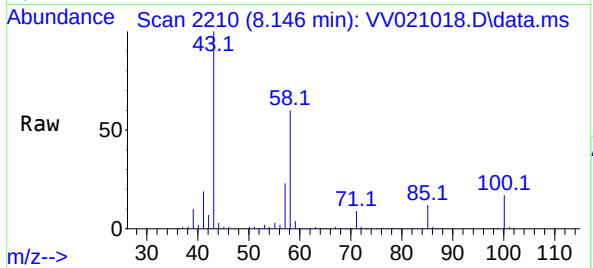


#48
2-Hexanone
Concen: 109.14 ug/L
RT: 8.146 min Scan# 2210
Delta R.T. 0.003 min
Lab File: VV021018.D
Acq: 14 Apr 2021 20:31

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 304150

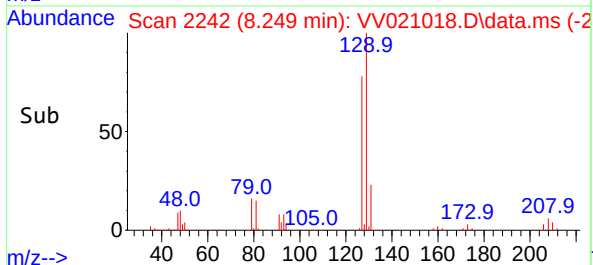
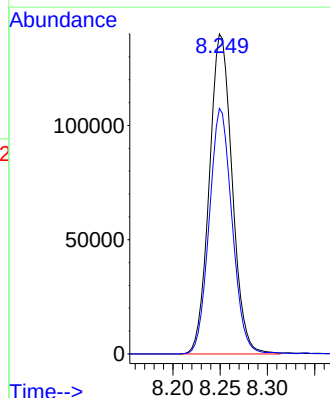
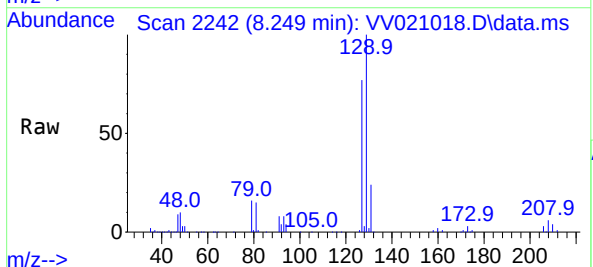
Ion	Ratio	Lower	Upper
43	100		
58	59.7	47.5	71.3
57	23.0	19.6	29.4
100	17.1	14.0	21.0

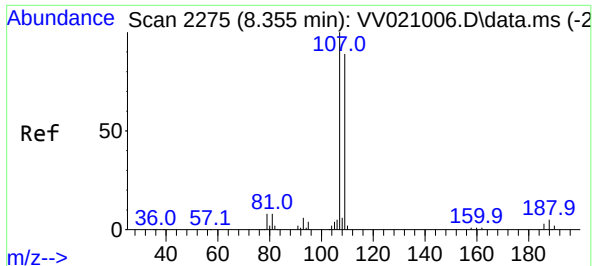


#49
Dibromochloromethane
Concen: 52.13 ug/L
RT: 8.249 min Scan# 2242
Delta R.T. 0.000 min
Lab File: VV021018.D
Acq: 14 Apr 2021 20:31

Tgt Ion: 129 Resp: 235937

Ion	Ratio	Lower	Upper
129	100		
127	76.7	54.0	100.2

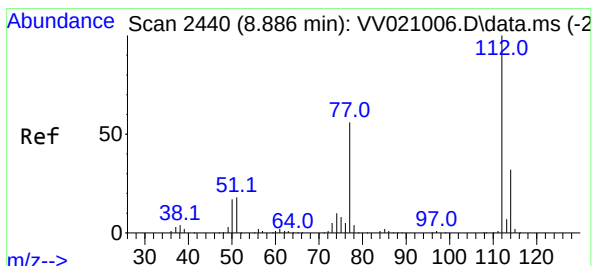
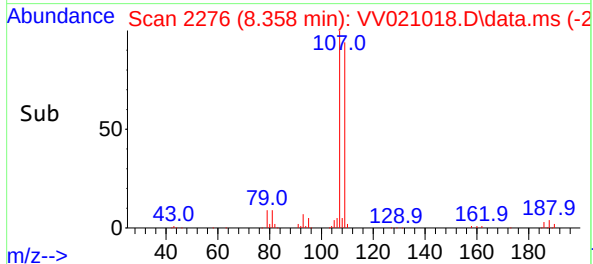
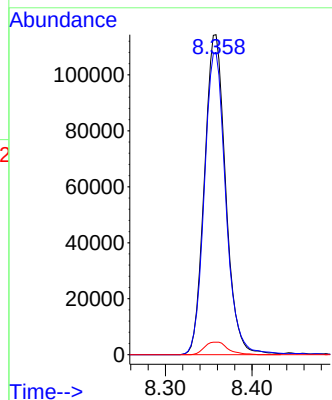
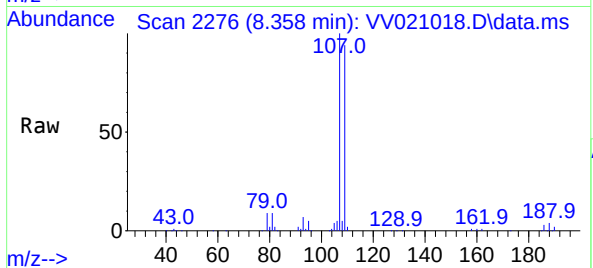




#50
1,2-Dibromoethane
Concen: 51.52 ug/L
RT: 8.358 min Scan# 2276
Delta R.T. 0.003 min
Lab File: VV021018.D
Acq: 14 Apr 2021 20:31

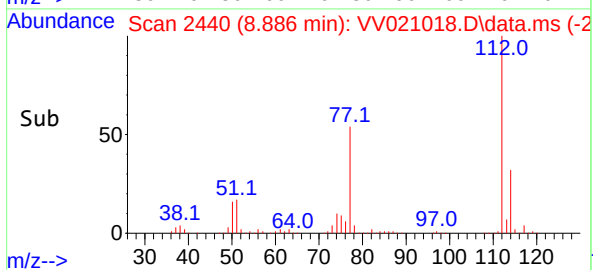
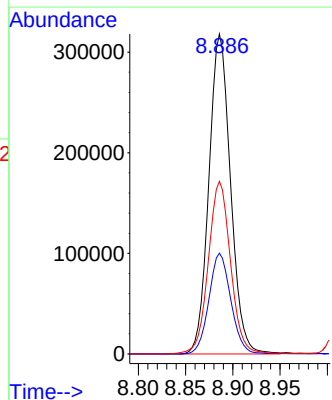
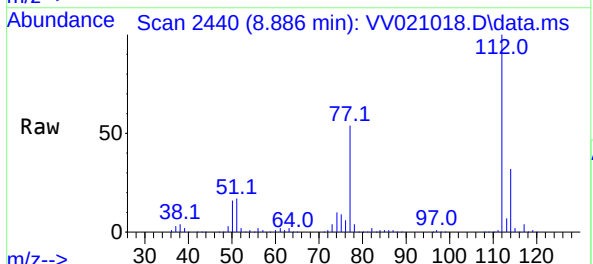
Instrument :
MSVOA_V
ClientSampled :

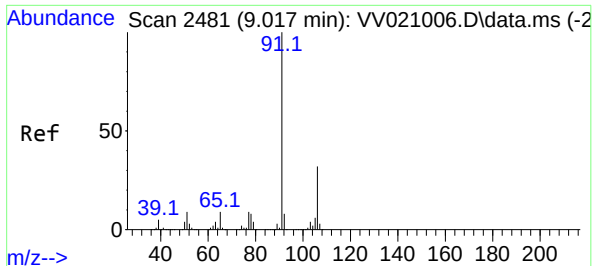
Tgt Ion:107 Resp: 194756
Ion Ratio Lower Upper
107 100
109 94.4 62.2 115.6
188 3.9 3.8 5.8



#51
Chlorobenzene
Concen: 51.69 ug/L
RT: 8.886 min Scan# 2440
Delta R.T. -0.000 min
Lab File: VV021018.D
Acq: 14 Apr 2021 20:31

Tgt Ion:112 Resp: 506743
Ion Ratio Lower Upper
112 100
114 31.5 22.2 41.2
77 54.0 44.8 67.2

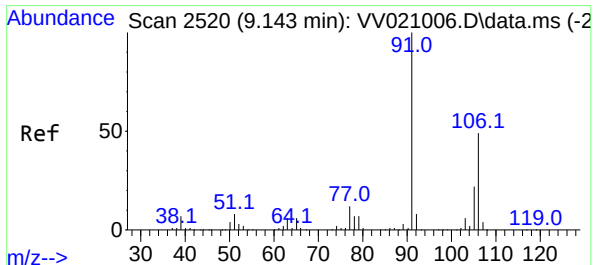
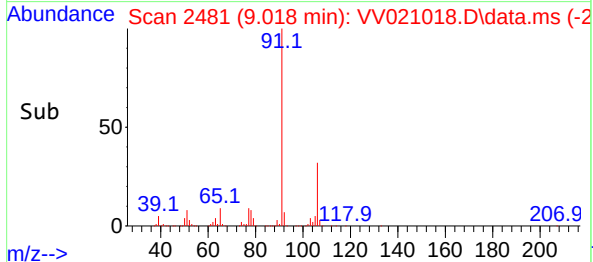
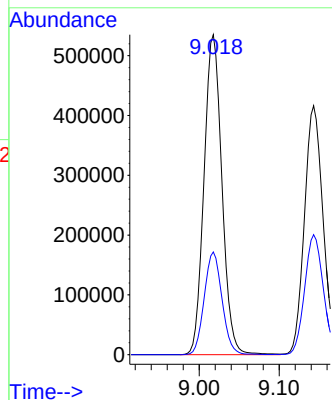
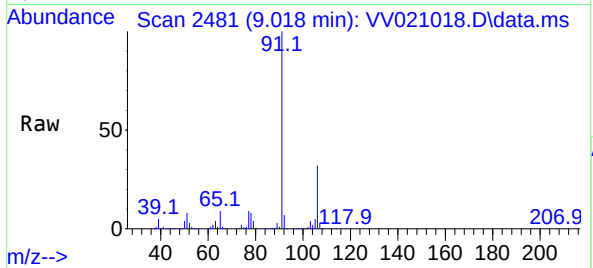




#52
Ethylbenzene
Concen: 53.06 ug/L
RT: 9.018 min Scan# 2481
Delta R.T. 0.001 min
Lab File: VV021018.D
Acq: 14 Apr 2021 20:31

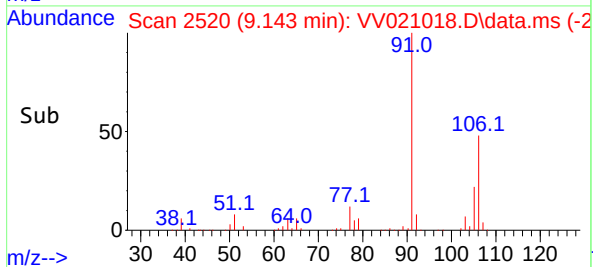
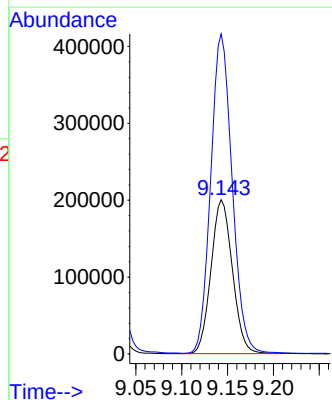
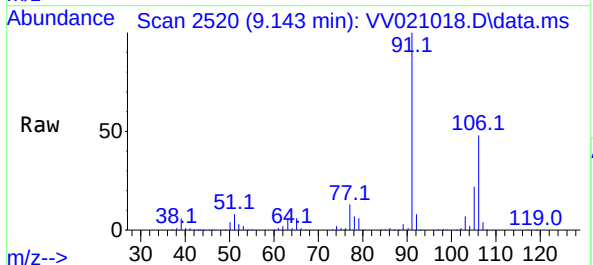
Instrument :
MSVOA_V
ClientSampled :

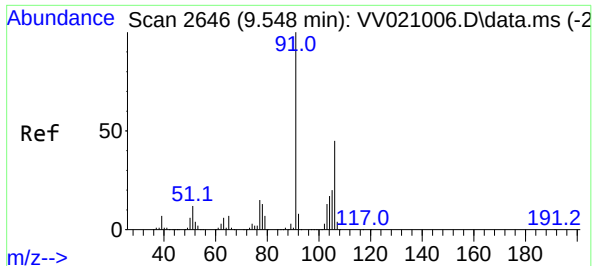
Tgt Ion: 91 Resp: 835531
Ion Ratio Lower Upper
91 100
106 32.1 22.1 41.1



#53
m,p-Xylene
Concen: 52.42 ug/L
RT: 9.143 min Scan# 2520
Delta R.T. 0.000 min
Lab File: VV021018.D
Acq: 14 Apr 2021 20:31

Tgt Ion: 106 Resp: 324674
Ion Ratio Lower Upper
106 100
91 207.4 143.3 266.1

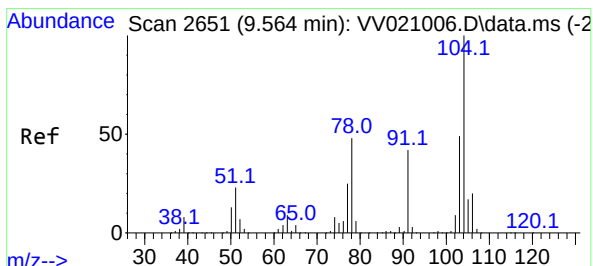
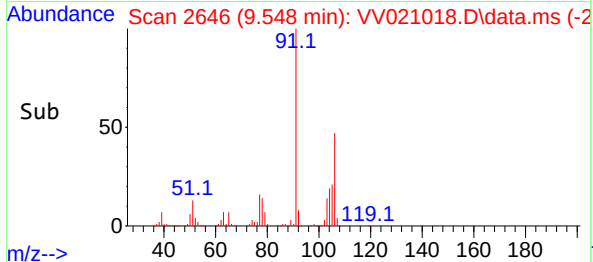
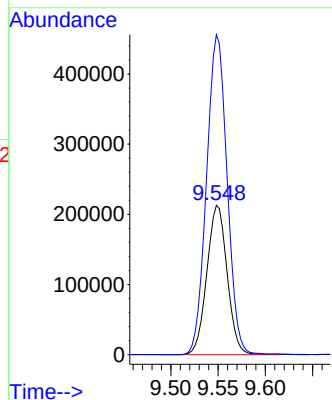
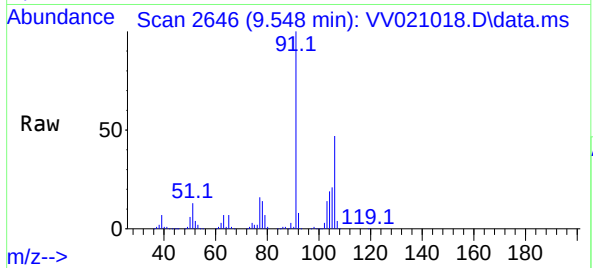




#54
o-Xylene
Concen: 53.09 ug/L
RT: 9.548 min Scan# 2646
Delta R.T. 0.000 min
Lab File: VV021018.D
Acq: 14 Apr 2021 20:31

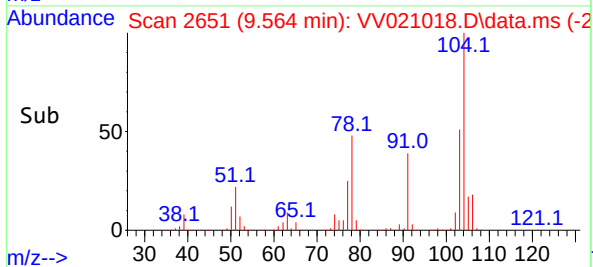
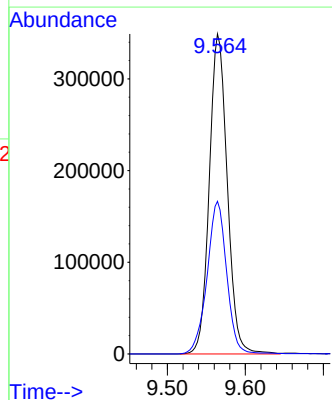
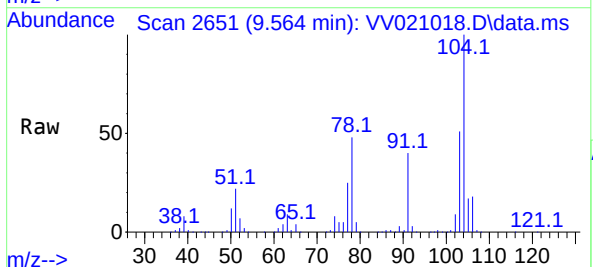
Instrument :
MSVOA_V
ClientSampled :

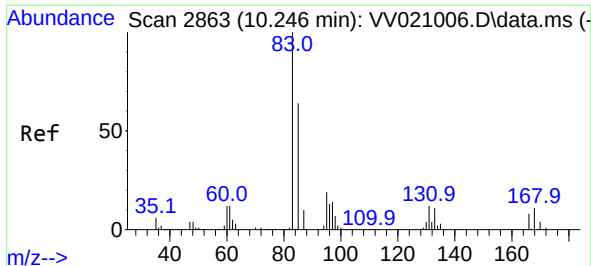
Tgt Ion:106 Resp: 317865
Ion Ratio Lower Upper
106 100
91 214.1 154.5 286.9



#55
Styrene
Concen: 54.59 ug/L
RT: 9.564 min Scan# 2651
Delta R.T. 0.000 min
Lab File: VV021018.D
Acq: 14 Apr 2021 20:31

Tgt Ion:104 Resp: 560360
Ion Ratio Lower Upper
104 100
78 47.7 33.4 62.0

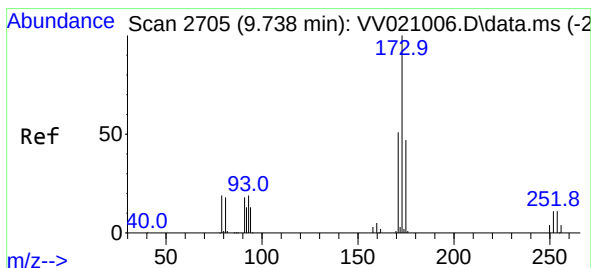
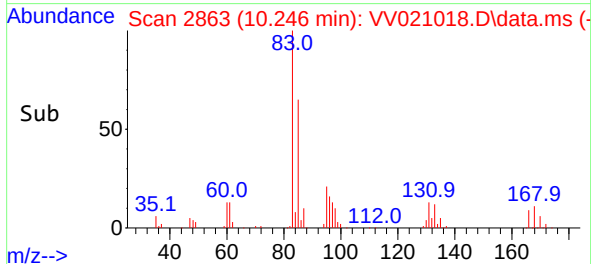
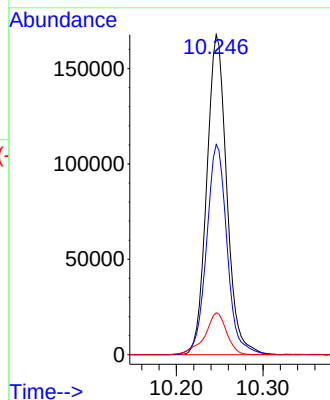
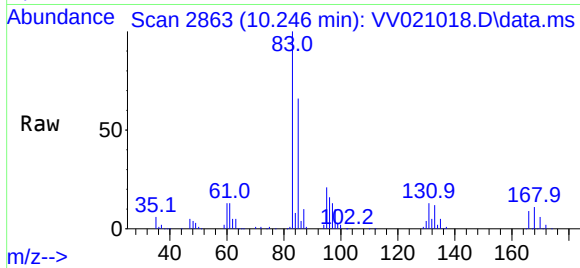




#57
1,1,2,2-Tetrachloroethane
Concen: 49.87 ug/L
RT: 10.246 min Scan# 2863
Delta R.T. -0.000 min
Lab File: VV021018.D
Acq: 14 Apr 2021 20:31

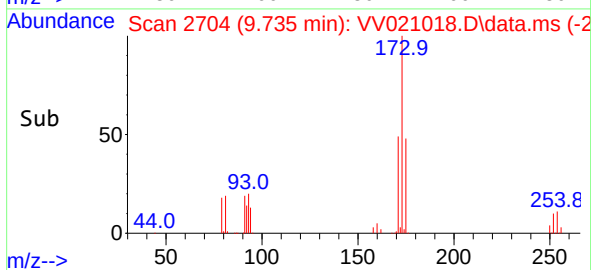
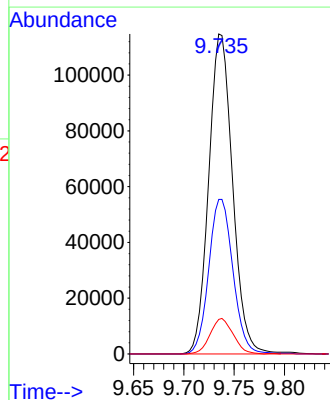
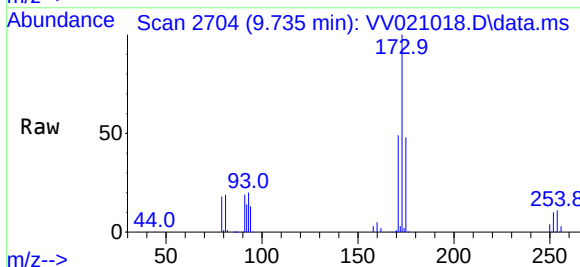
Instrument :
MSVOA_V
ClientSampleId :

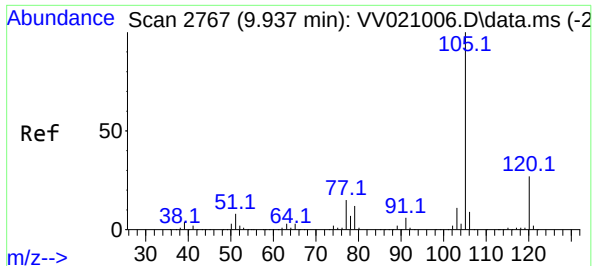
Tgt Ion: 83 Resp: 269294
Ion Ratio Lower Upper
83 100
85 65.7 44.7 83.1
131 13.1 10.0 15.0



#59
Bromoform
Concen: 51.52 ug/L
RT: 9.735 min Scan# 2704
Delta R.T. -0.003 min
Lab File: VV021018.D
Acq: 14 Apr 2021 20:31

Tgt Ion:173 Resp: 189471
Ion Ratio Lower Upper
173 100
175 49.0 38.5 57.7
254 10.7 8.2 12.4

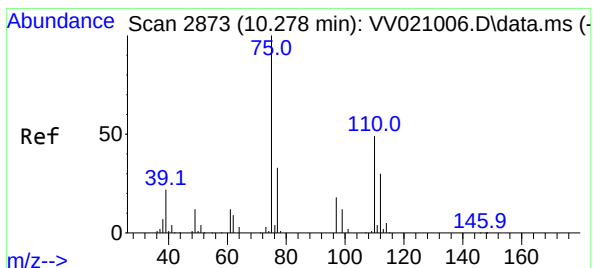
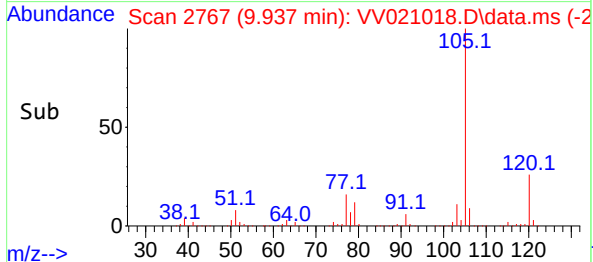
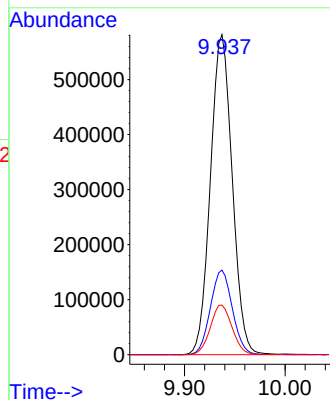
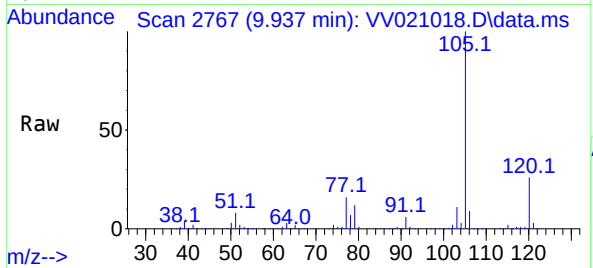




#60
Isopropylbenzene
Concen: 52.70 ug/L
RT: 9.937 min Scan# 2767
Delta R.T. 0.000 min
Lab File: VV021018.D
Acq: 14 Apr 2021 20:31

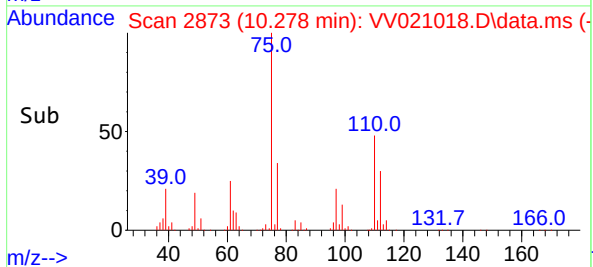
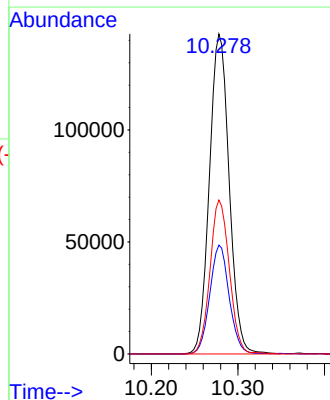
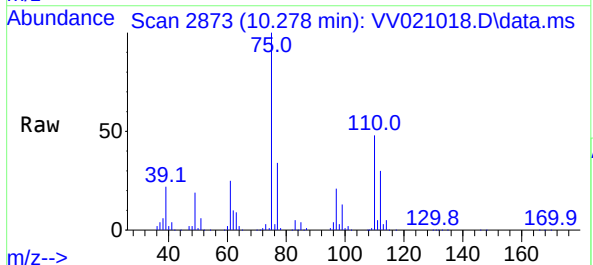
Instrument :
MSVOA_V
ClientSampled :

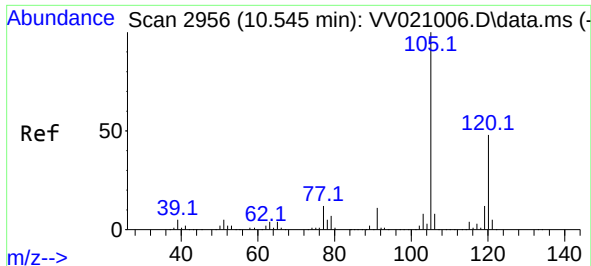
Tgt Ion:105 Resp: 877520
Ion Ratio Lower Upper
105 100
120 26.6 20.8 31.2
77 15.5 12.2 18.2



#61
1,2,3-Trichloropropane
Concen: 51.07 ug/L
RT: 10.278 min Scan# 2873
Delta R.T. 0.000 min
Lab File: VV021018.D
Acq: 14 Apr 2021 20:31

Tgt Ion: 75 Resp: 226698
Ion Ratio Lower Upper
75 100
77 33.4 25.8 38.8
110 47.2 38.6 57.8

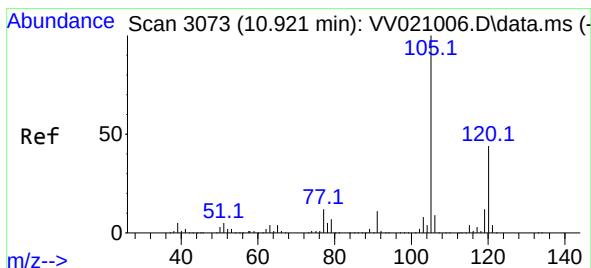
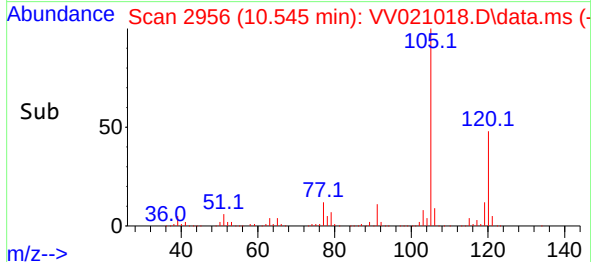
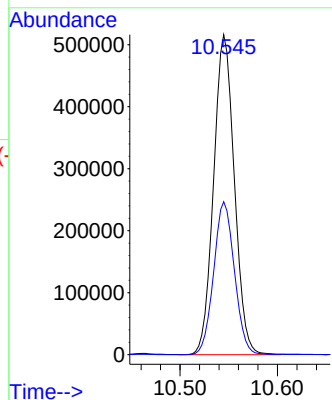
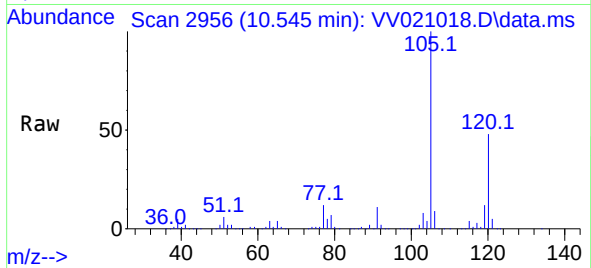




#62
1,3,5-Trimethylbenzene
Concen: 53.46 ug/L
RT: 10.545 min Scan# 2956
Delta R.T. -0.000 min
Lab File: VV021018.D
Acq: 14 Apr 2021 20:31

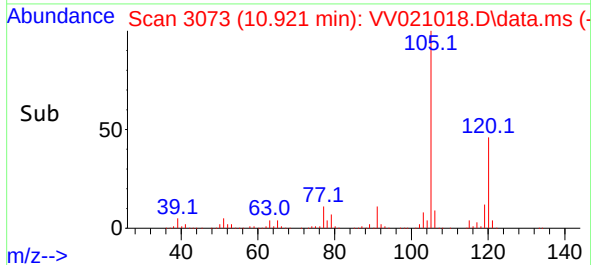
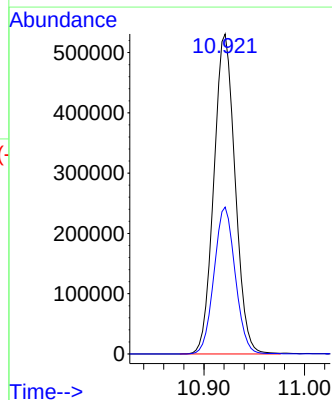
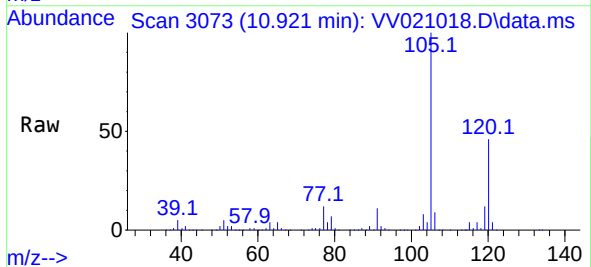
Instrument :
MSVOA_V
ClientSampled :

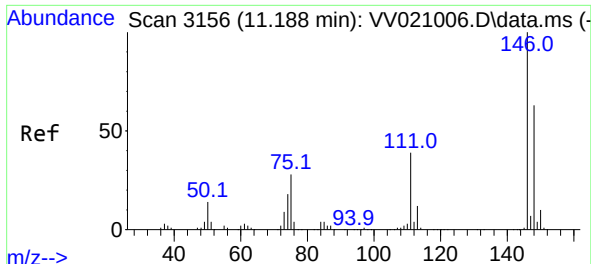
Tgt Ion:105 Resp: 761799
Ion Ratio Lower Upper
105 100
120 47.9 39.2 58.8



#63
1,2,4-Trimethylbenzene
Concen: 53.96 ug/L
RT: 10.921 min Scan# 3073
Delta R.T. 0.000 min
Lab File: VV021018.D
Acq: 14 Apr 2021 20:31

Tgt Ion:105 Resp: 780342
Ion Ratio Lower Upper
105 100
120 45.6 35.7 53.5

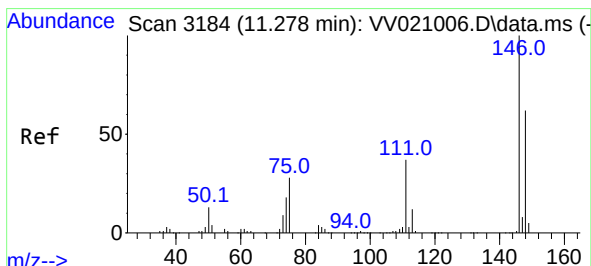
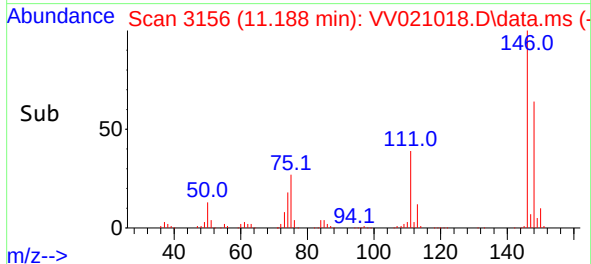
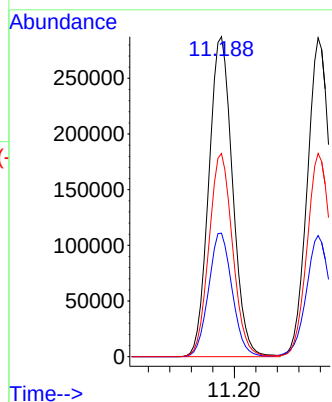
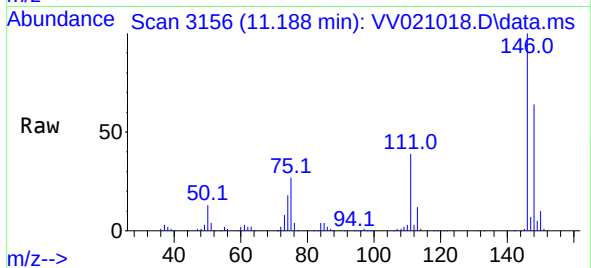




#64
1,3-Dichlorobenzene
Concen: 51.61 ug/L
RT: 11.188 min Scan# 3156
Delta R.T. -0.000 min
Lab File: VV021018.D
Acq: 14 Apr 2021 20:31

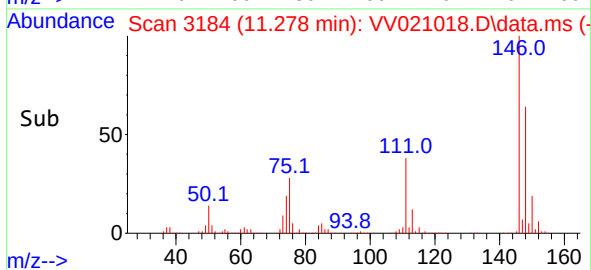
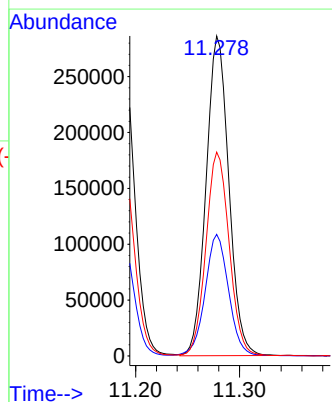
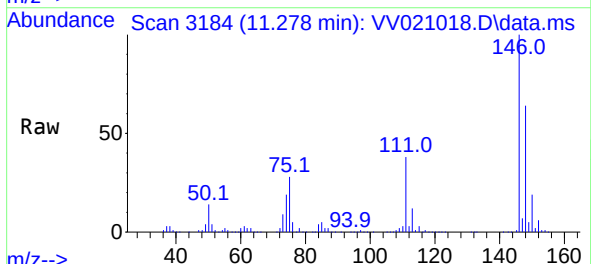
Instrument :
MSVOA_V
ClientSampled :

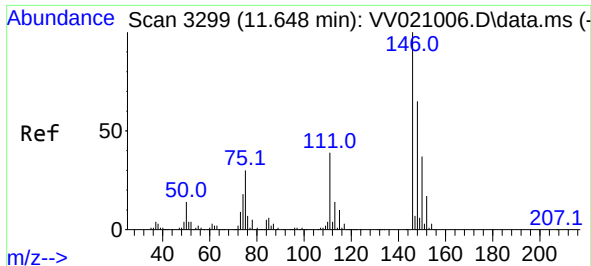
Tgt Ion:146 Resp: 440709
Ion Ratio Lower Upper
146 100
111 38.6 27.2 50.6
148 63.5 44.4 82.4



#65
1,4-Dichlorobenzene
Concen: 48.54 ug/L
RT: 11.278 min Scan# 3184
Delta R.T. -0.000 min
Lab File: VV021018.D
Acq: 14 Apr 2021 20:31

Tgt Ion:146 Resp: 435076
Ion Ratio Lower Upper
146 100
111 38.0 26.3 48.9
148 63.7 43.5 80.7

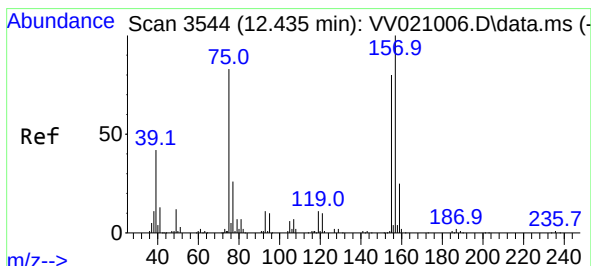
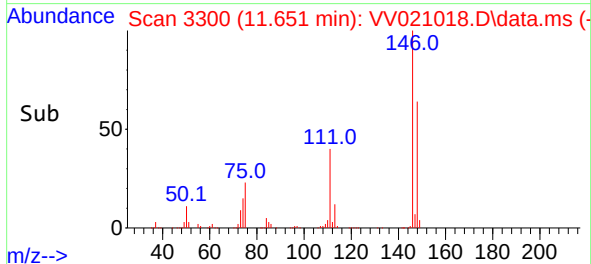
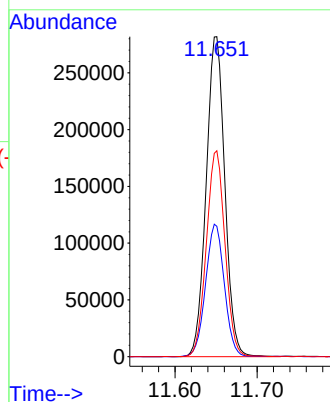
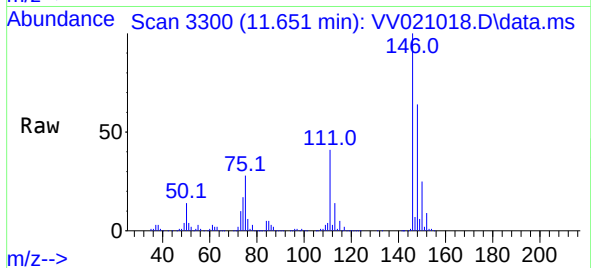




#67
1,2-Dichlorobenzene
Concen: 50.33 ug/L
RT: 11.651 min Scan# 3300
Delta R.T. 0.003 min
Lab File: VV021018.D
Acq: 14 Apr 2021 20:31

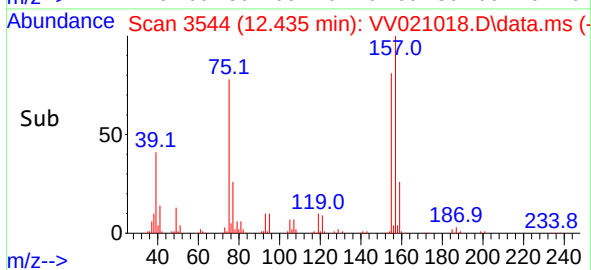
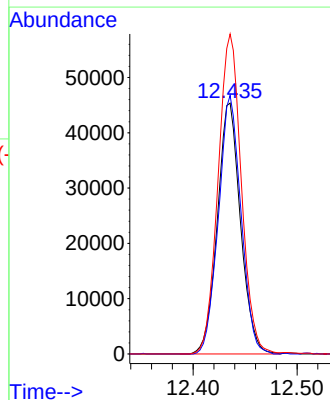
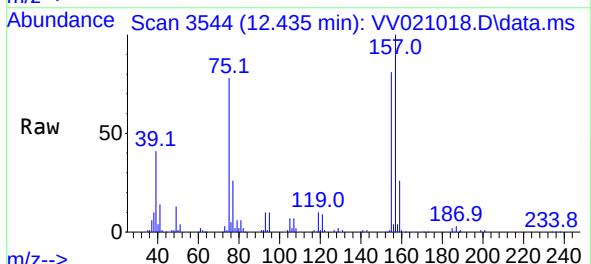
Instrument :
MSVOA_V
ClientSampleId :

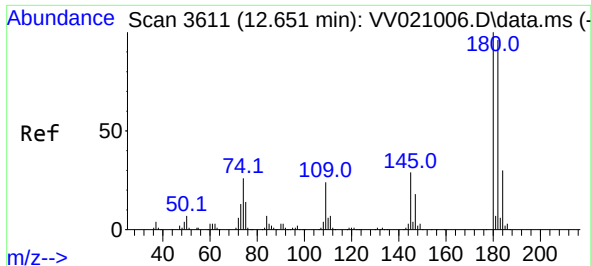
Tgt Ion:146 Resp: 445553
Ion Ratio Lower Upper
146 100
111 40.8 31.5 47.3
148 64.4 52.3 78.5



#68
1,2-Dibromo-3-chloropropane
Concen: 53.09 ug/L
RT: 12.435 min Scan# 3544
Delta R.T. 0.000 min
Lab File: VV021018.D
Acq: 14 Apr 2021 20:31

Tgt Ion: 75 Resp: 70187
Ion Ratio Lower Upper
75 100
155 103.1 77.4 116.0
157 127.6 96.8 145.2



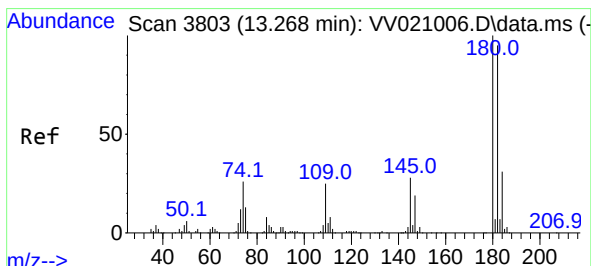
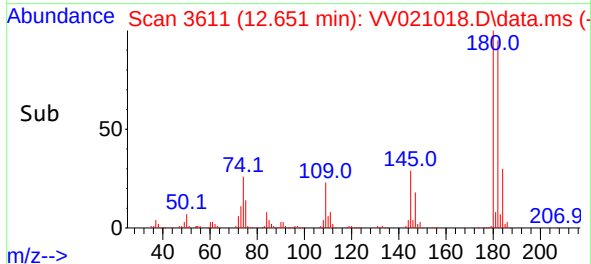
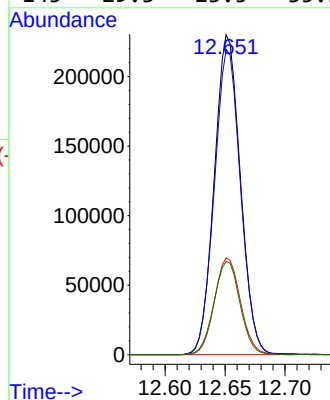
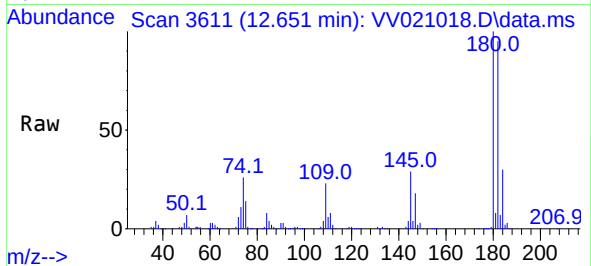


#69
1,3,5-Trichlorobenzene
Concen: 51.60 ug/L
RT: 12.651 min Scan# 3611
Delta R.T. -0.000 min
Lab File: VV021018.D
Acq: 14 Apr 2021 20:31

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:180 Resp: 346951

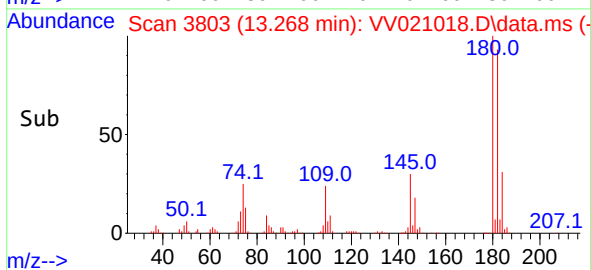
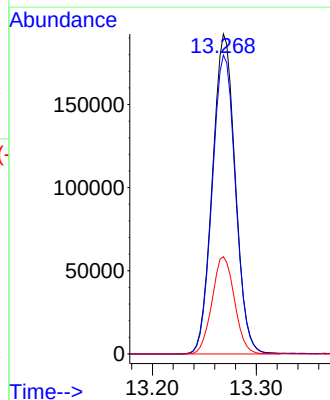
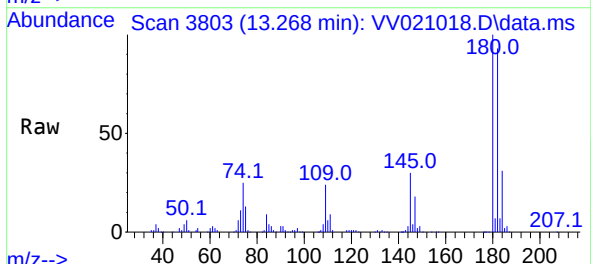
Ion	Ratio	Lower	Upper
180	100		
182	96.2	77.4	116.2
184	30.2	25.0	37.4
145	29.3	23.5	35.3

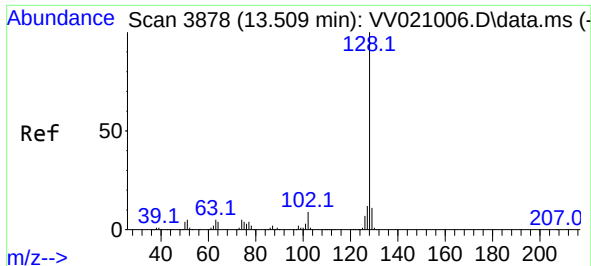


#70
1,2,4-trichlorobenzene
Concen: 52.88 ug/L
RT: 13.268 min Scan# 3803
Delta R.T. 0.000 min
Lab File: VV021018.D
Acq: 14 Apr 2021 20:31

Tgt Ion:180 Resp: 293967

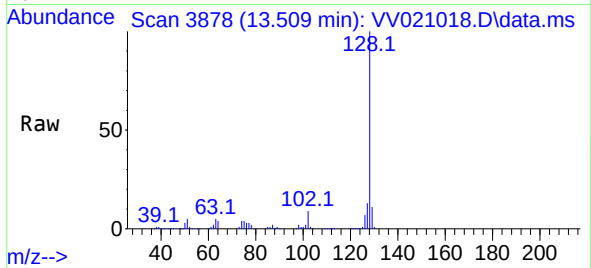
Ion	Ratio	Lower	Upper
180	100		
182	95.2	75.8	113.8
145	29.8	22.9	34.3



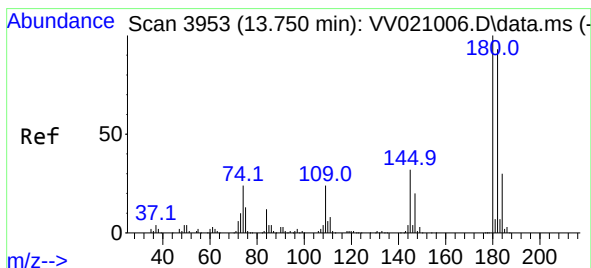
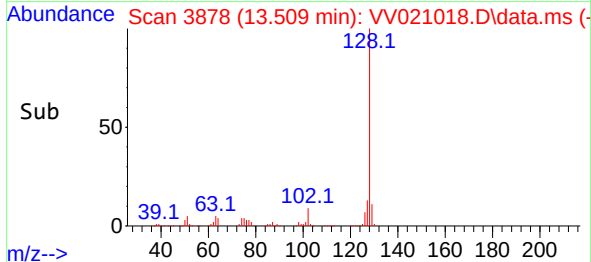
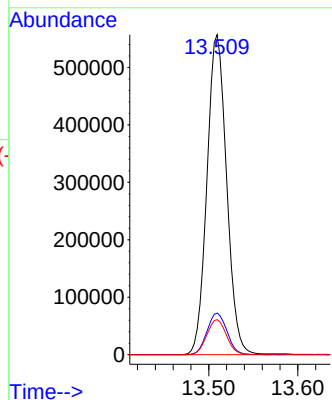


#71
Naphthalene
Concen: 58.99 ug/L
RT: 13.509 min Scan# 3878
Delta R.T. 0.000 min
Lab File: VV021018.D
Acq: 14 Apr 2021 20:31

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 854477
Ion Ratio Lower Upper
128 100
127 13.2 10.2 15.2
129 11.0 8.9 13.3



#72
1,2,3-Trichlorobenzene
Concen: 53.95 ug/L
RT: 13.751 min Scan# 3953
Delta R.T. 0.001 min
Lab File: VV021018.D
Acq: 14 Apr 2021 20:31

Tgt Ion:180 Resp: 301614
Ion Ratio Lower Upper
180 100
182 95.4 75.7 113.5
145 32.3 25.6 38.4

