

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW012821\
 Data File : VW020184.D
 Acq On : 27 Jan 2021 11:08
 Operator : SY/MD
 Sample : VSTD01066
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jan 27 12:23:40 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM012821WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jan 27 12:22:05 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.621	114	952420	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.855	117	910857	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.257	152	490080	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.306	65	68975	9.66	ug/L	0.00
7) Chloroethane-d5	1.569	69	56792	9.52	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.110	63	93238	7.00	ug/L	0.00
21) 2-Butanone-d5	3.900	46	86018	18.14	ug/L	0.02
24) Chloroform-d	4.357	84	124587	9.55	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.039	65	81128	8.98	ug/L	0.00
32) Benzene-d6	5.055	84	236078	9.74	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.077	67	72629	9.49	ug/L	0.00
41) Toluene-d8	7.322	98	216353	9.50	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.630	79	33550	8.67	ug/L	0.00
47) 2-Hexanone-d5	8.096	63	61709	18.51	ug/L	0.00
57) 1,1,2,2-Tetrachloroeth...	10.222	84	90820	8.61	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.633	152	96506	10.07	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.129	85	70472	8.87	ug/L	100
3) Chloromethane	1.241	50	78224	9.76	ug/L	99
5) Vinyl chloride	1.312	62	70742	8.68	ug/L	98
6) Bromomethane	1.524	94	41309	8.21	ug/L	93
8) Chloroethane	1.585	64	45040	8.59	ug/L	99
9) Trichlorofluoromethane	1.753	101	103636	8.92	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.119	101	46059	7.21	ug/L #	84
12) 1,1-Dichloroethene	2.119	96	42863	6.97	ug/L	78
13) Acetone	2.184	43	41264	10.82	ug/L	93
14) Carbon disulfide	2.296	76	156946	8.64	ug/L	100
15) Methyl Acetate	2.438	43	66969	9.00	ug/L	97
16) Methylene chloride	2.511	84	63711	9.33	ug/L	94
17) trans-1,2-Dichloroethene	2.762	96	59017	9.43	ug/L	95
18) Methyl tert-butyl Ether	2.769	73	184495	9.08	ug/L	99
19) 1,1-Dichloroethane	3.193	63	109543	9.16	ug/L	98
20) cis-1,2-Dichloroethene	3.917	96	62382	9.27	ug/L	96
23) Bromochloromethane	4.257	128	34348	9.73	ug/L #	80
25) Chloroform	4.383	83	114189	9.08	ug/L	98
27) 1,2-Dichloroethane	5.138	62	89531	8.36	ug/L	99
29) Cyclohexane	4.682	56	91538	9.15	ug/L	96
30) 1,1,1-Trichloroethane	4.611	97	99274	9.18	ug/L	97
31) Carbon tetrachloride	4.833	117	85029	9.10	ug/L	98
33) Benzene	5.106	78	242370	9.31	ug/L	100
34) Trichloroethene	5.920	95	63067	8.58	ug/L	88
35) Methylcyclohexane	6.135	83	92656	8.83	ug/L	96
37) 1,2-Dichloropropane	6.180	63	60674	8.88	ug/L #	96
38) Bromodichloromethane	6.518	83	83907	8.93	ug/L	100
39) cis-1,3-Dichloropropene	7.032	75	81742	7.72	ug/L	97
40) 4-Methyl-2-pentanone	7.232	43	162589	16.00	ug/L	96
42) Toluene	7.396	91	248376	8.92	ug/L	100
44) trans-1,3-Dichloropropene	7.659	75	86411	8.38	ug/L	98
45) 1,1,2-Trichloroethane	7.846	97	62024	8.92	ug/L	97

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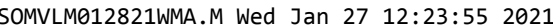
Quant Time: Jan 27 12:23:40 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM012821WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jan 27 12:22:05 2021
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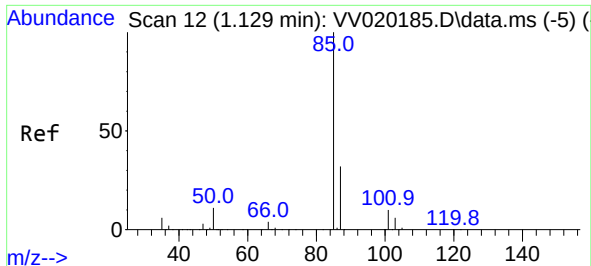
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

46) Tetrachloroethene	7.981	164	53833	9.19	ug/L	94
48) 2-Hexanone	8.148	43	127678	15.86	ug/L #	94
49) Dibromochloromethane	8.251	129	64894	8.61	ug/L	99
50) 1,2-Dibromoethane	8.360	107	65272	8.60	ug/L #	98
51) Chlorobenzene	8.887	112	173080	9.18	ug/L	97
52) Ethylbenzene	9.019	91	280435	8.98	ug/L	100
53) m,p-Xylene	9.145	106	104382	9.13	ug/L	96
54) o-xylene	9.550	106	103463	9.05	ug/L	93
55) Styrene	9.566	104	175876	8.79	ug/L	98
56) Isopropylbenzene	9.939	105	235040	7.61	ug/L	96
58) 1,1,2,2-Tetrachloroethane	10.247	83	90349	8.64	ug/L #	98
59) 1,2,3-Trichloropropane	10.280	75	74372	8.10	ug/L	97
61) Bromoform	9.739	173	42709	8.16	ug/L #	98
62) 1,3-Dichlorobenzene	11.190	146	141243	9.48	ug/L	97
63) 1,4-Dichlorobenzene	11.280	146	150798	9.68	ug/L	97
65) 1,2-Dichlorobenzene	11.649	146	144281	9.34	ug/L	97
66) 1,2-Dibromo-3-chloropr...	12.437	75	19620	7.65	ug/L #	64
67) 1,3,5-Trichlorobenzene	12.653	180	116172	9.90	ug/L	96
68) 1,2,4-trichlorobenzene	13.270	180	105935	9.83	ug/L	96
69) Naphthalene	13.511	128	284502	9.11	ug/L	100
70) 1,2,3-Trichlorobenzene	13.752	180	104290	9.78	ug/L	98

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

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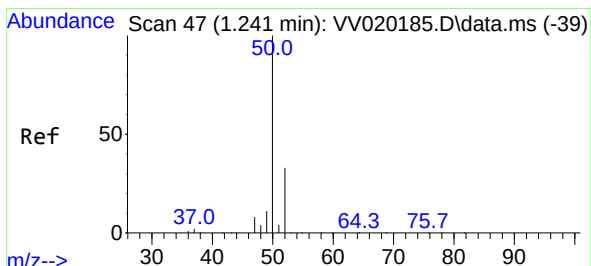
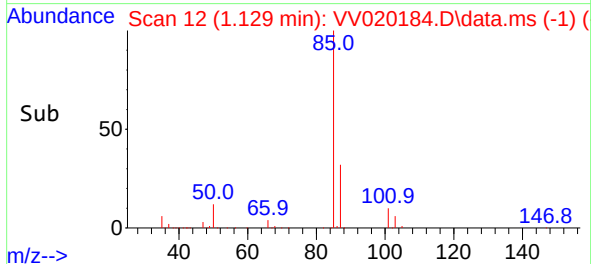
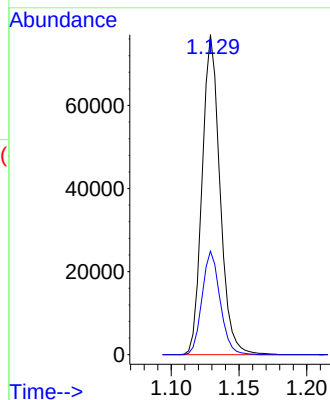
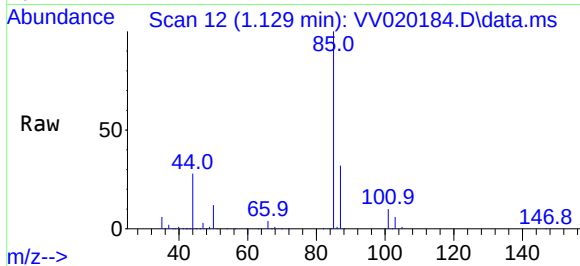




#2
Dichlorodifluoromethane
Concen: 8.87 ug/L
RT: 1.129 min Scan# 12
Delta R.T. -0.000 min
Lab File: VV020184.D
Acq: 27 Jan 2021 11:08

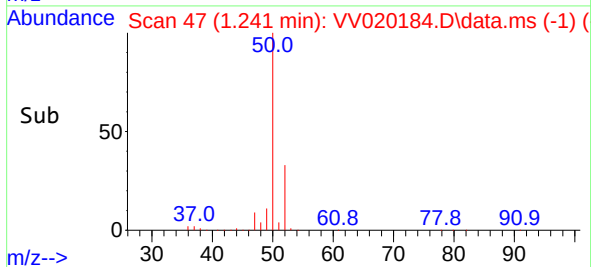
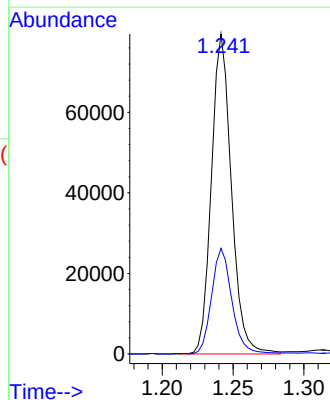
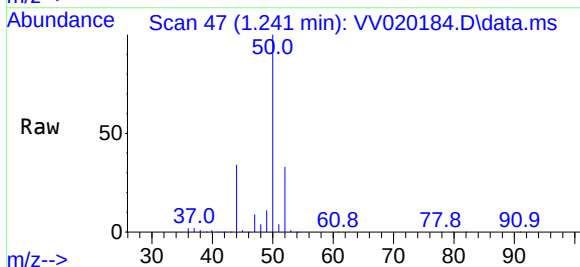
Instrument :
MSVOA_V
ClientSampled :

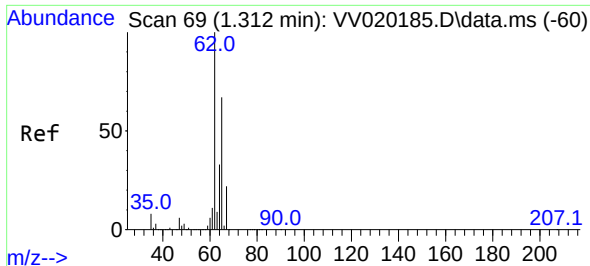
Tgt Ion: 85 Resp: 70472
Ion Ratio Lower Upper
85 100
87 32.6 25.9 38.9



#3
Chloromethane
Concen: 9.76 ug/L
RT: 1.241 min Scan# 47
Delta R.T. -0.000 min
Lab File: VV020184.D
Acq: 27 Jan 2021 11:08

Tgt Ion: 50 Resp: 78224
Ion Ratio Lower Upper
50 100
52 33.0 22.7 42.1

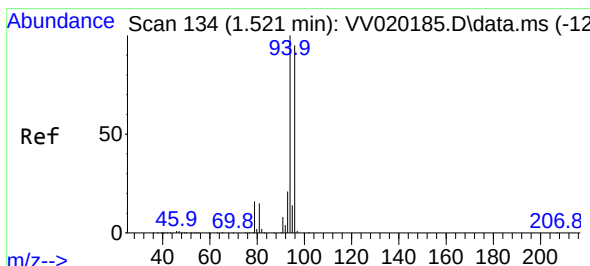
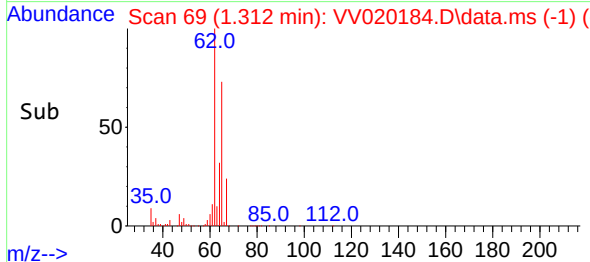
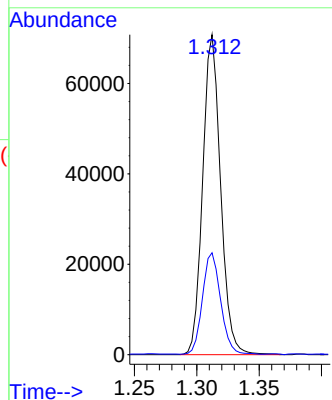
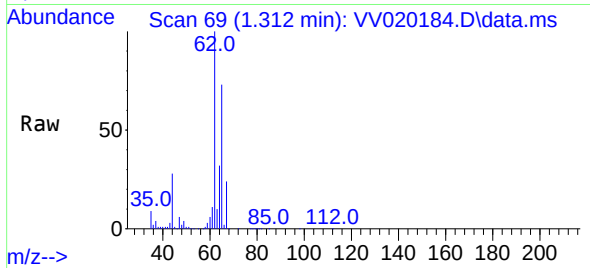




#5
 Vinyl chloride
 Concen: 8.68 ug/L
 RT: 1.312 min Scan# 69
 Delta R.T. -0.000 min
 Lab File: VV020184.D
 Acq: 27 Jan 2021 11:08

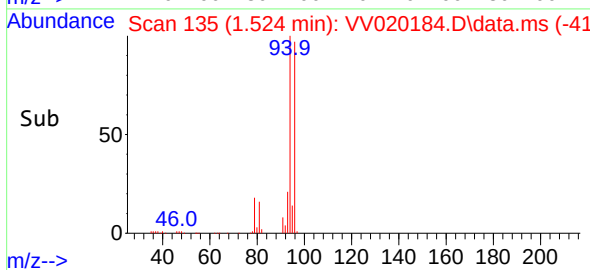
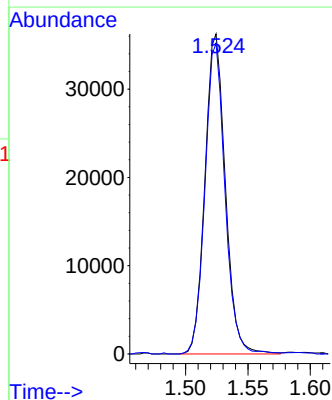
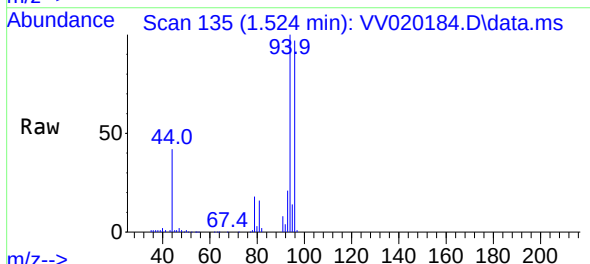
Instrument :
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 ClientSampled :

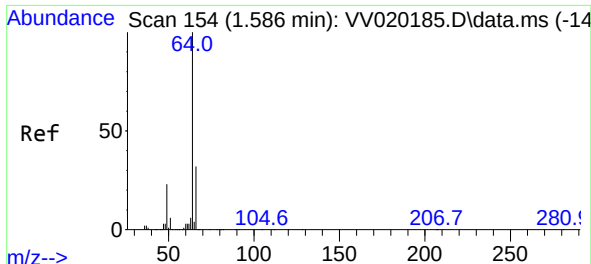
Tgt Ion: 62 Resp: 70742
 Ion Ratio Lower Upper
 62 100
 64 31.9 23.0 42.6



#6
 Bromomethane
 Concen: 8.21 ug/L
 RT: 1.524 min Scan# 135
 Delta R.T. 0.003 min
 Lab File: VV020184.D
 Acq: 27 Jan 2021 11:08

Tgt Ion: 94 Resp: 41309
 Ion Ratio Lower Upper
 94 100
 96 97.2 63.6 118.2

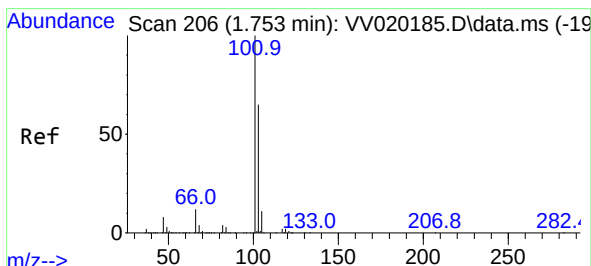
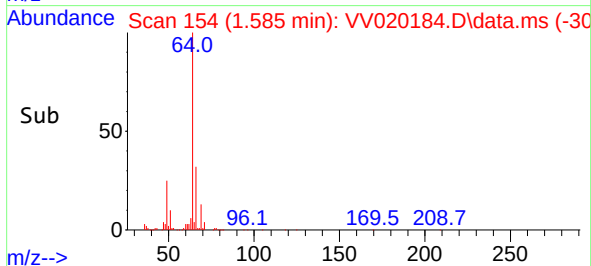
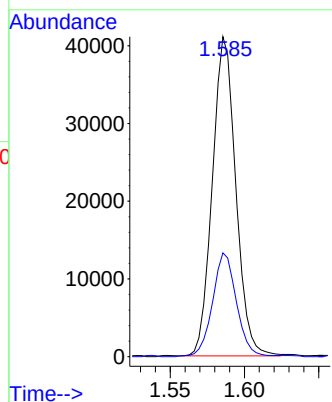
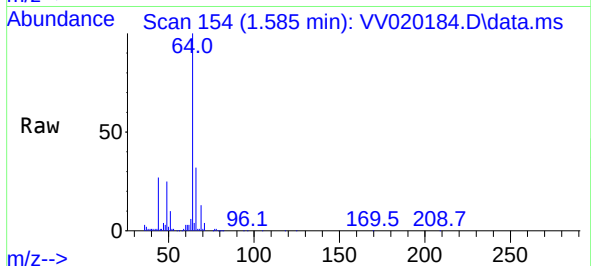




#8
Chloroethane
Concen: 8.59 ug/L
RT: 1.585 min Scan# 154
Delta R.T. -0.000 min
Lab File: VV020184.D
Acq: 27 Jan 2021 11:08

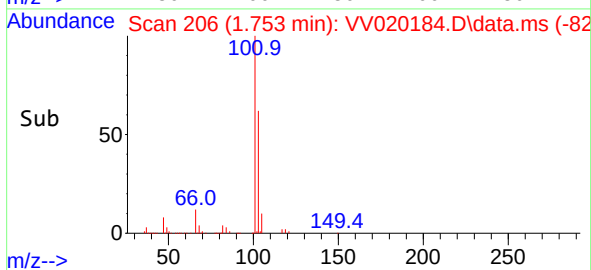
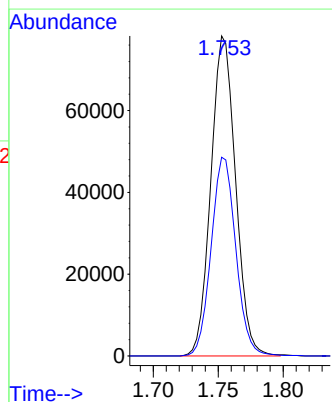
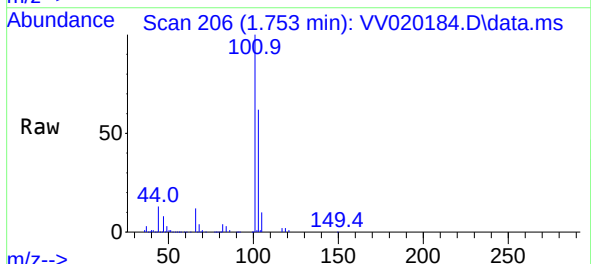
Instrument :
MSVOA_V
ClientSampled :

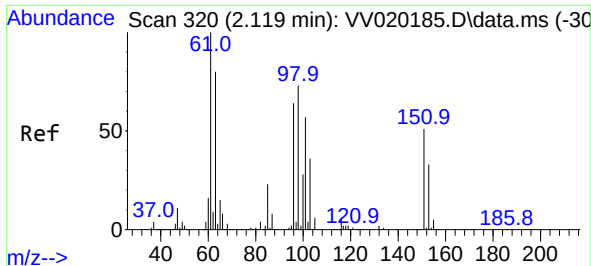
Tgt Ion: 64 Resp: 45040
Ion Ratio Lower Upper
64 100
66 32.5 22.4 41.6



#9
Trichlorofluoromethane
Concen: 8.92 ug/L
RT: 1.753 min Scan# 206
Delta R.T. -0.000 min
Lab File: VV020184.D
Acq: 27 Jan 2021 11:08

Tgt Ion: 101 Resp: 103636
Ion Ratio Lower Upper
101 100
103 62.0 51.7 77.5

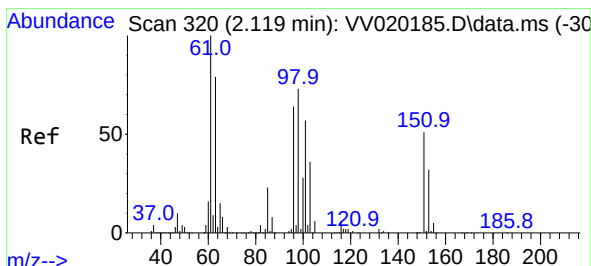
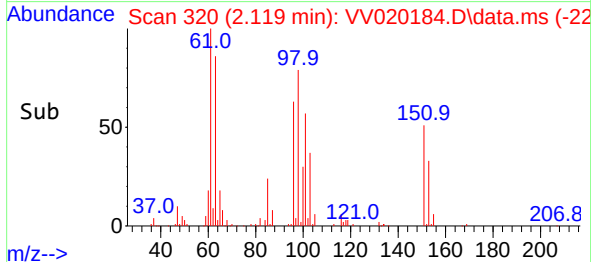
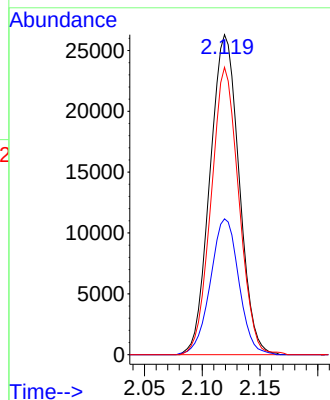
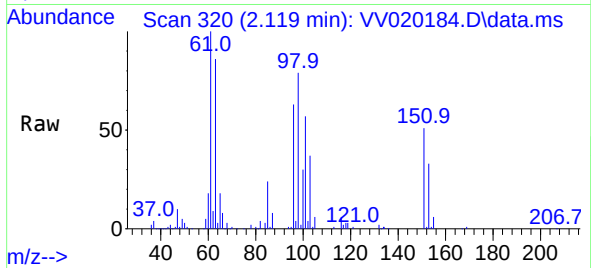




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 7.21 ug/L
 RT: 2.119 min Scan# 320
 Delta R.T. -0.000 min
 Lab File: VV020184.D
 Acq: 27 Jan 2021 11:08

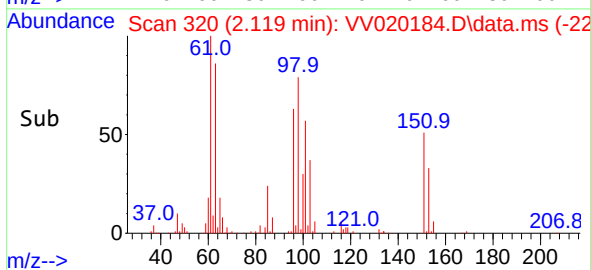
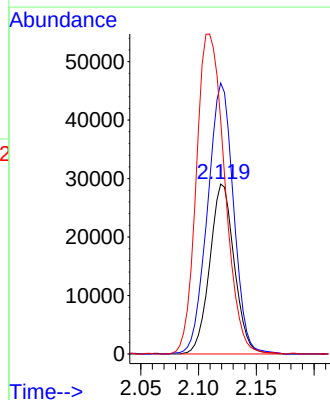
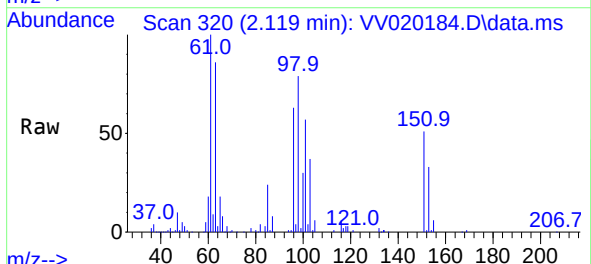
Instrument :
 MSVOA_V
 ClientSampled :

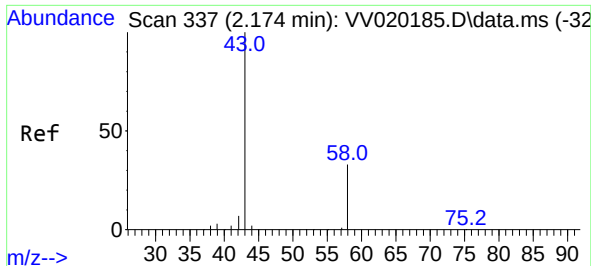
Tgt Ion:	101	Resp:	46059
Ion	Ratio	Lower	Upper
101	100		
85	41.6	35.3	52.9
151	85.6	53.6	80.4#



#12
 1,1-Dichloroethene
 Concen: 6.97 ug/L
 RT: 2.119 min Scan# 320
 Delta R.T. -0.000 min
 Lab File: VV020184.D
 Acq: 27 Jan 2021 11:08

Tgt Ion:	96	Resp:	42863
Ion	Ratio	Lower	Upper
96	100		
61	159.4	134.9	250.5
63	137.5	117.6	218.4

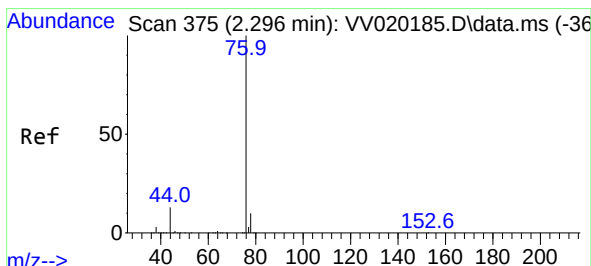
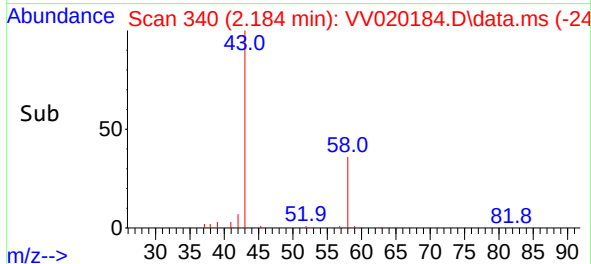
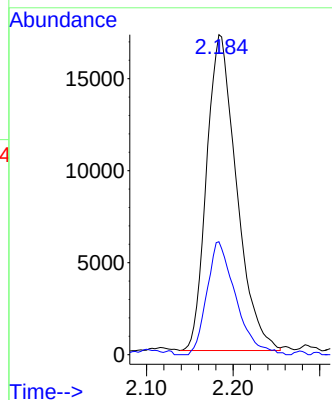
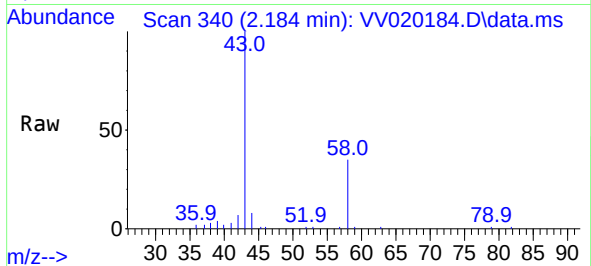




#13
Acetone
Concen: 10.82 ug/L
RT: 2.184 min Scan# 340
Delta R.T. 0.010 min
Lab File: VV020184.D
Acq: 27 Jan 2021 11:08

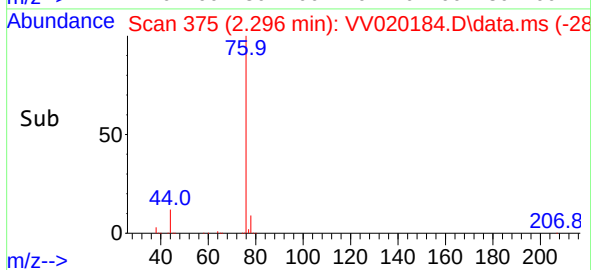
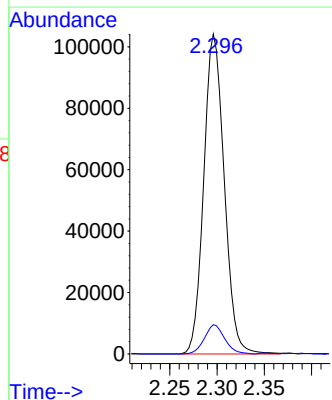
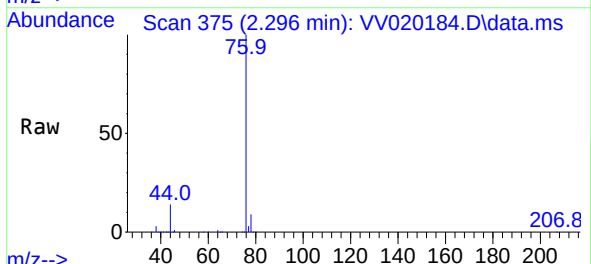
Instrument :
MSVOA_V
ClientSampleId :

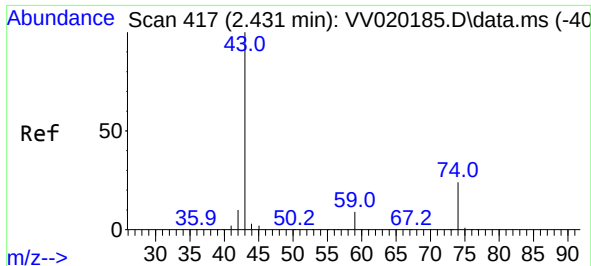
Tgt Ion: 43 Resp: 41264
Ion Ratio Lower Upper
43 100
58 34.1 0.0 60.2



#14
Carbon disulfide
Concen: 8.64 ug/L
RT: 2.296 min Scan# 375
Delta R.T. -0.000 min
Lab File: VV020184.D
Acq: 27 Jan 2021 11:08

Tgt Ion: 76 Resp: 156946
Ion Ratio Lower Upper
76 100
78 9.2 7.2 10.8





#15

Methyl Acetate

Concen: 9.00 ug/L

RT: 2.438 min Scan# 419

Delta R.T. 0.006 min

Lab File: VV020184.D

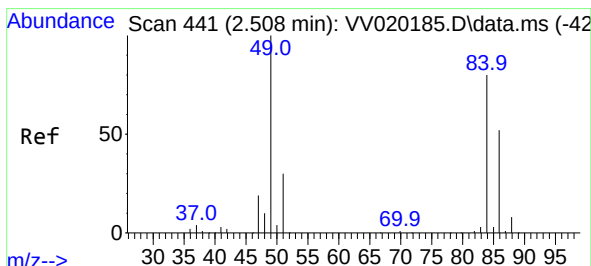
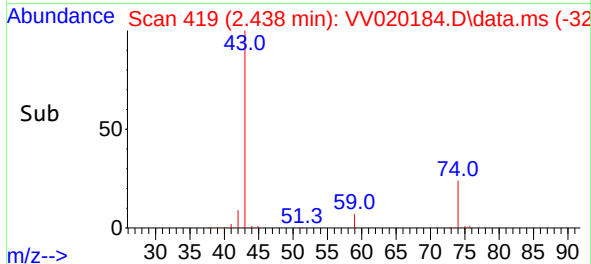
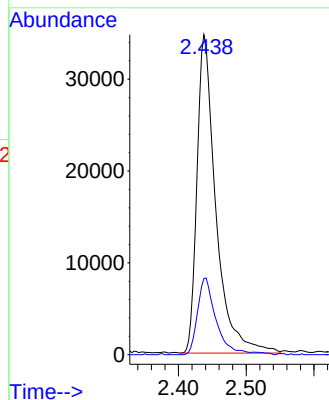
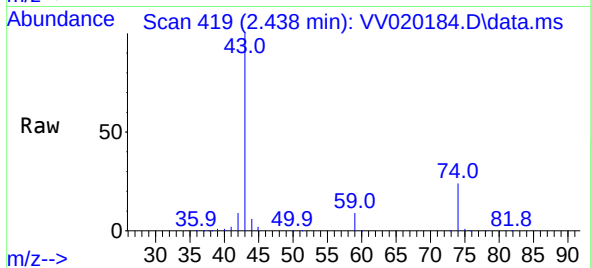
Acq: 27 Jan 2021 11:08

Tgt Ion: 43 Resp: 66969

Ion Ratio Lower Upper

43 100

74 23.4 17.6 26.4



#16

Methylene chloride

Concen: 9.33 ug/L

RT: 2.511 min Scan# 442

Delta R.T. 0.003 min

Lab File: VV020184.D

Acq: 27 Jan 2021 11:08

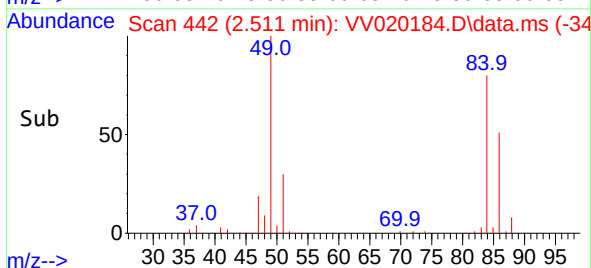
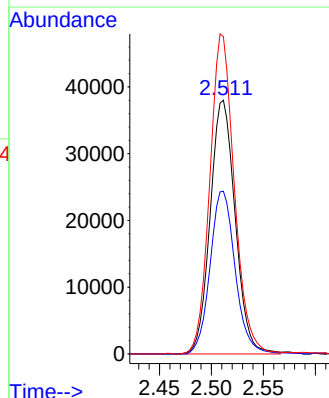
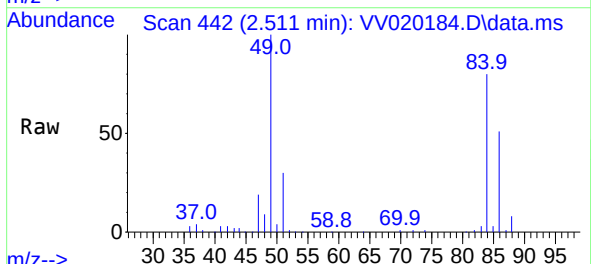
Tgt Ion: 84 Resp: 63711

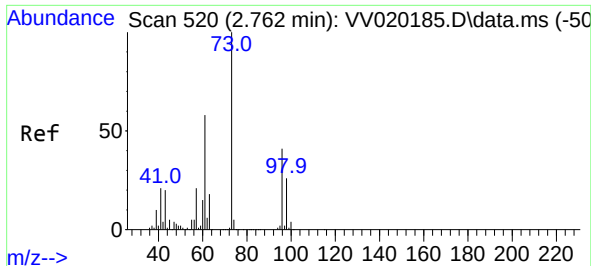
Ion Ratio Lower Upper

84 100

86 64.1 44.6 82.8

49 125.1 94.6 175.8

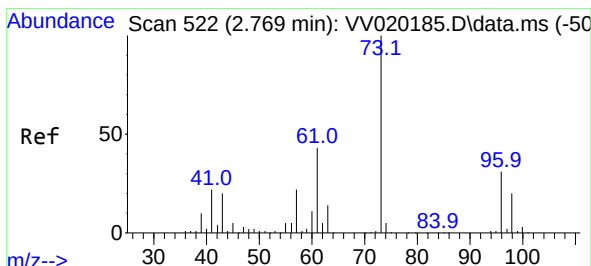
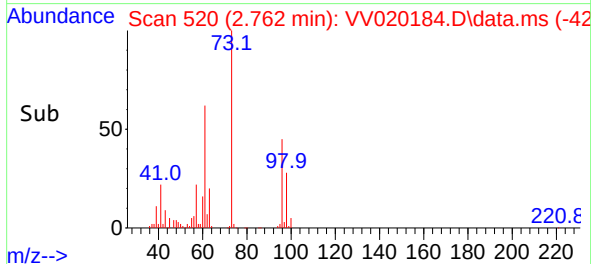
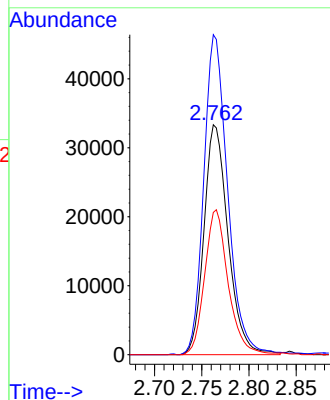
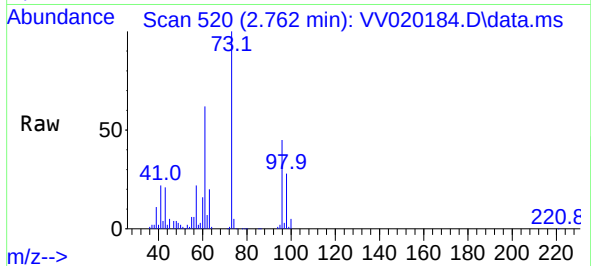




#17
trans-1,2-Dichloroethene
Concen: 9.43 ug/L
RT: 2.762 min Scan# 520
Delta R.T. -0.000 min
Lab File: VV020184.D
Acq: 27 Jan 2021 11:08

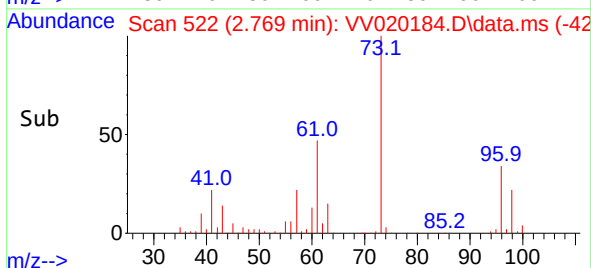
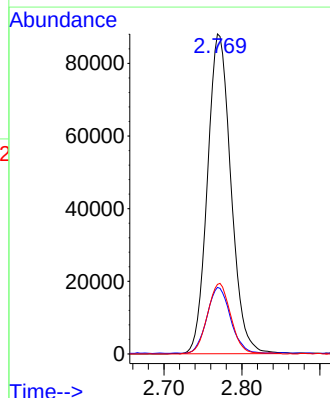
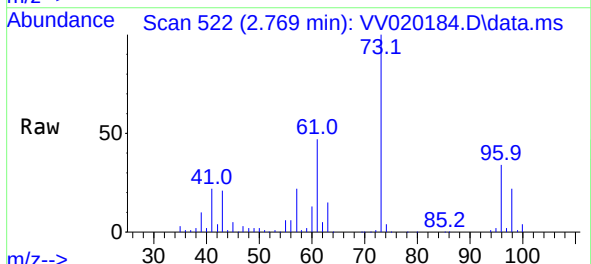
Instrument :
MSVOA_V
ClientSampled :

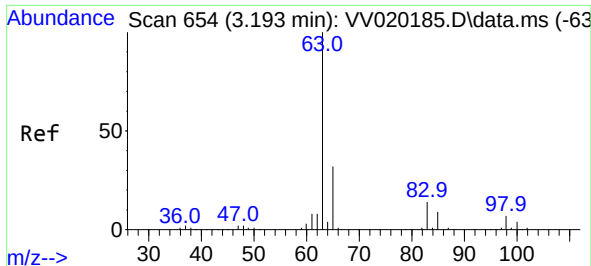
Tgt Ion: 96 Resp: 59017
Ion Ratio Lower Upper
96 100
61 139.2 103.1 191.5
98 61.9 43.1 80.1



#18
Methyl tert-butyl Ether
Concen: 9.08 ug/L
RT: 2.769 min Scan# 522
Delta R.T. -0.000 min
Lab File: VV020184.D
Acq: 27 Jan 2021 11:08

Tgt Ion: 73 Resp: 184495
Ion Ratio Lower Upper
73 100
43 20.8 17.3 25.9
57 22.0 17.9 26.9



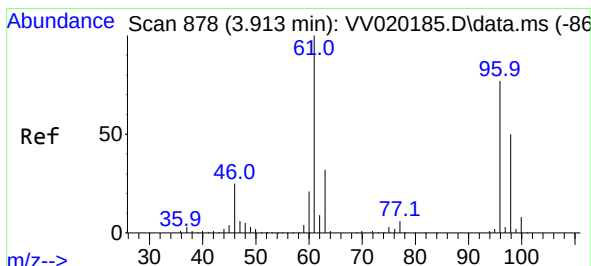
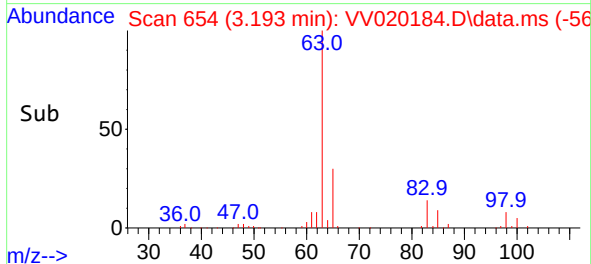
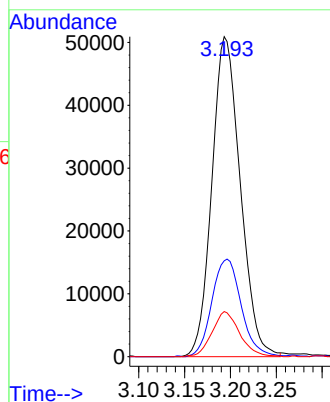
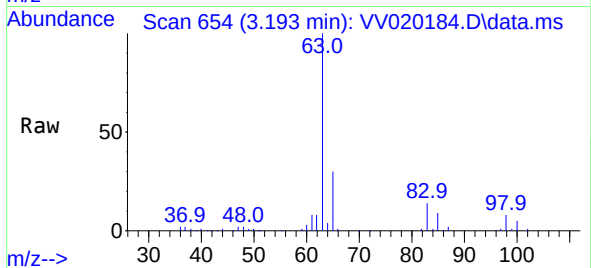


#19
1,1-Dichloroethane
Concen: 9.16 ug/L
RT: 3.193 min Scan# 654
Delta R.T. -0.000 min
Lab File: VV020184.D
Acq: 27 Jan 2021 11:08

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion: 63 Resp: 109543

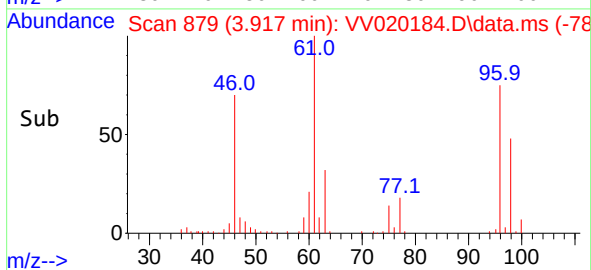
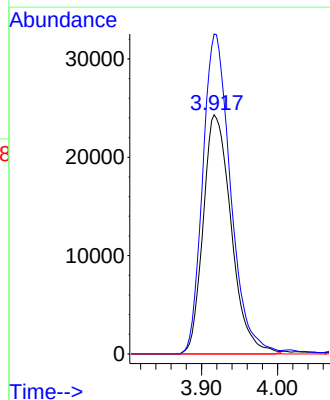
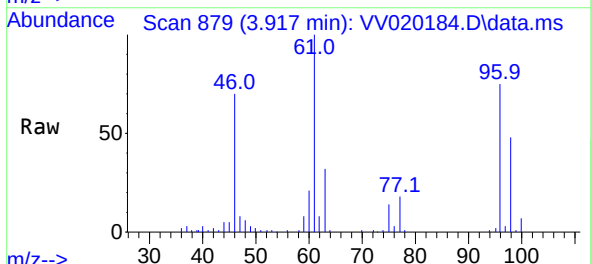
Ion	Ratio	Lower	Upper
63	100		
65	30.0	21.9	40.7
83	14.1	9.5	17.7

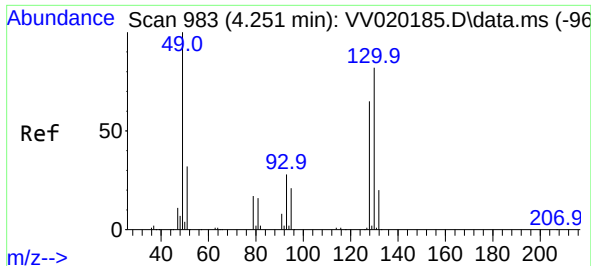


#20
cis-1,2-Dichloroethene
Concen: 9.27 ug/L
RT: 3.917 min Scan# 879
Delta R.T. 0.003 min
Lab File: VV020184.D
Acq: 27 Jan 2021 11:08

Tgt Ion: 96 Resp: 62382

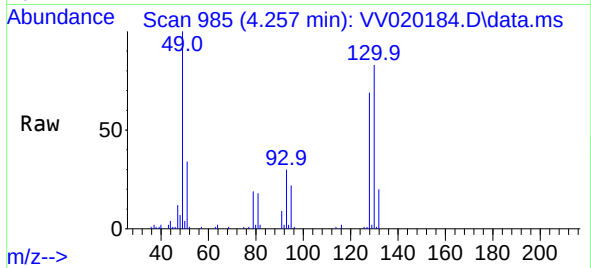
Ion	Ratio	Lower	Upper
96	100		
61	133.8	96.9	179.9
68	0.0	0.0	0.0



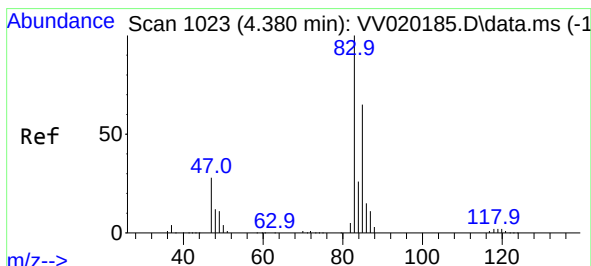
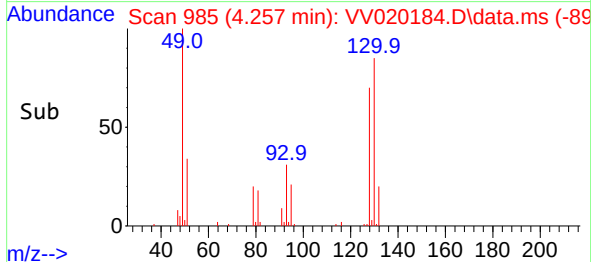
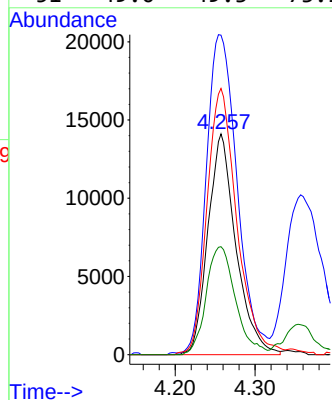


#23
Bromochloromethane
Concen: 9.73 ug/L
RT: 4.257 min Scan# 985
Delta R.T. 0.006 min
Lab File: VV020184.D
Acq: 27 Jan 2021 11:08

Instrument :
MSVOA_V
ClientSampled :

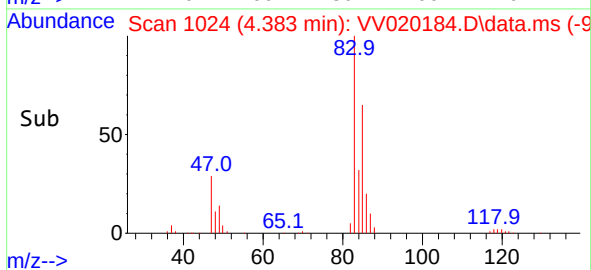
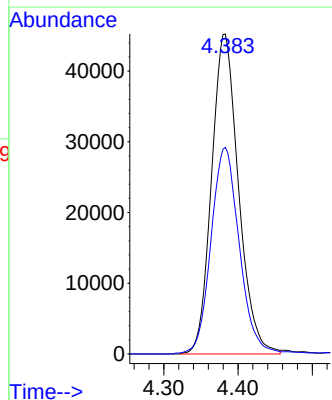
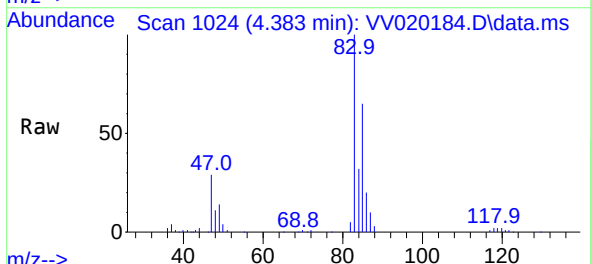


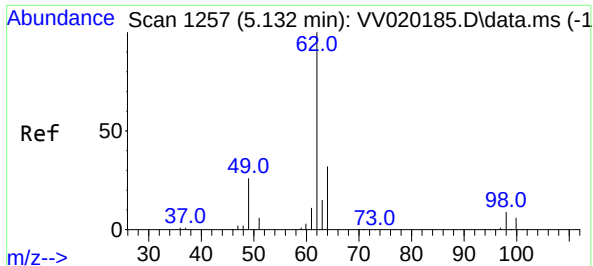
Tgt Ion:128 Resp: 34348
Ion Ratio Lower Upper
128 100
49 144.7 133.1 247.1
130 120.6 89.0 165.4
51 49.0 49.3 73.9#



#25
Chloroform
Concen: 9.08 ug/L
RT: 4.383 min Scan# 1024
Delta R.T. 0.003 min
Lab File: VV020184.D
Acq: 27 Jan 2021 11:08

Tgt Ion: 83 Resp: 114189
Ion Ratio Lower Upper
83 100
85 64.5 44.2 82.2

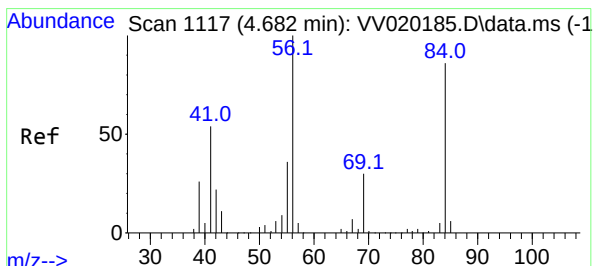
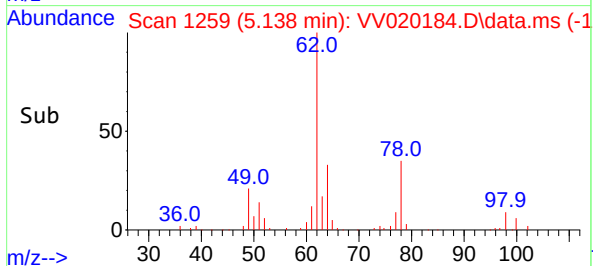
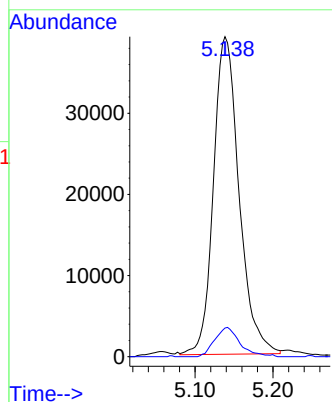
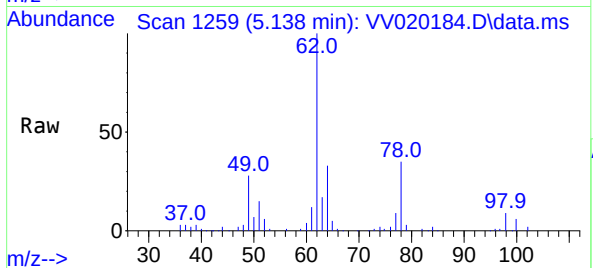




#27
1,2-Dichloroethane
Concen: 8.36 ug/L
RT: 5.138 min Scan# 1259
Delta R.T. 0.006 min
Lab File: VV020184.D
Acq: 27 Jan 2021 11:08

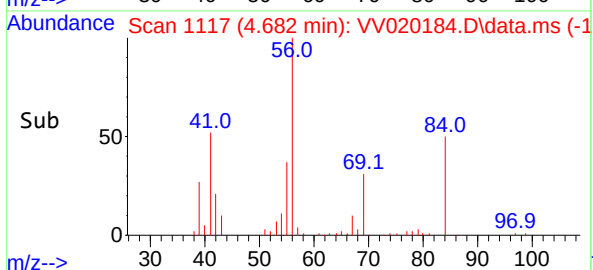
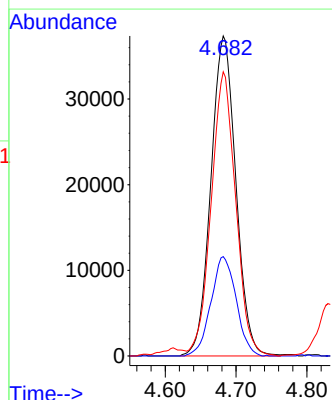
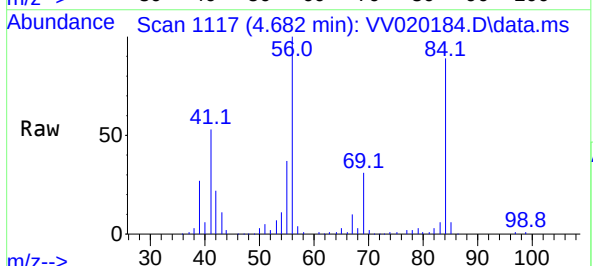
Instrument :
MSVOA_V
ClientSampled :

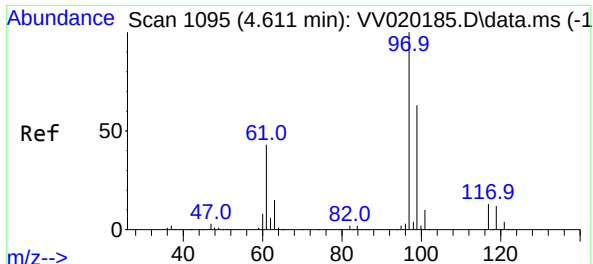
Tgt Ion: 62 Resp: 89531
Ion Ratio Lower Upper
62 100
98 9.0 6.9 10.3



#29
Cyclohexane
Concen: 9.15 ug/L
RT: 4.682 min Scan# 1117
Delta R.T. -0.000 min
Lab File: VV020184.D
Acq: 27 Jan 2021 11:08

Tgt Ion: 56 Resp: 91538
Ion Ratio Lower Upper
56 100
69 31.4 24.2 36.2
84 87.2 66.3 99.5

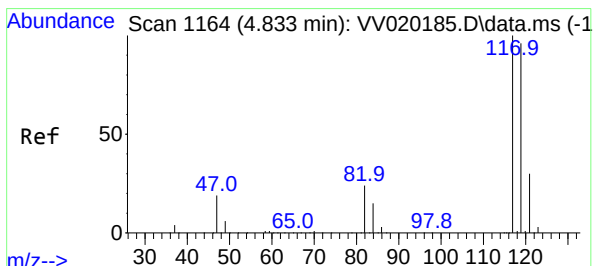
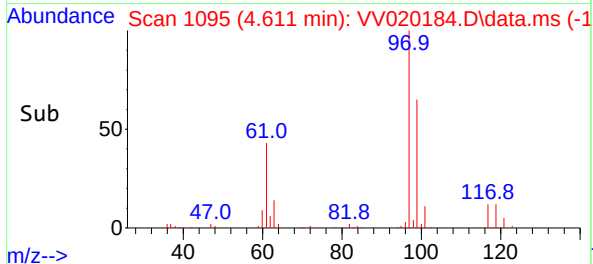
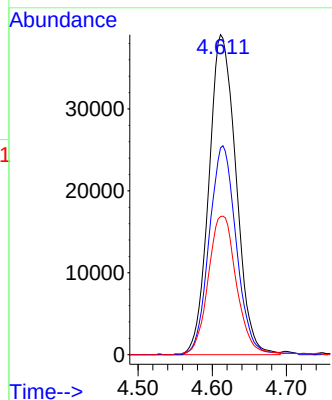
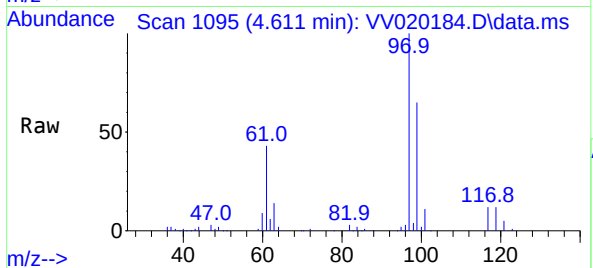




#30
1,1,1-Trichloroethane
Concen: 9.18 ug/L
RT: 4.611 min Scan# 1095
Delta R.T. -0.000 min
Lab File: VV020184.D
Acq: 27 Jan 2021 11:08

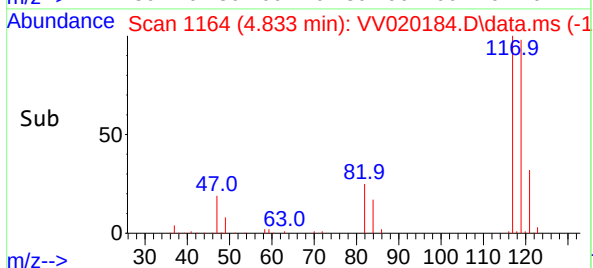
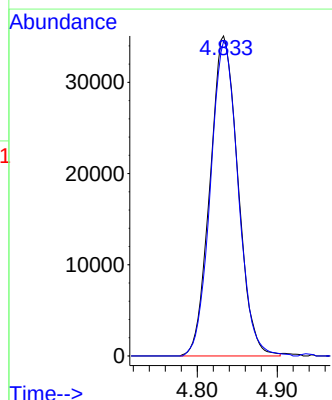
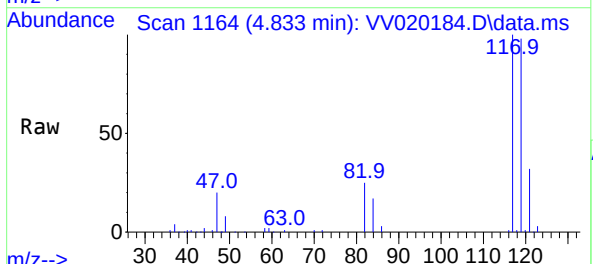
Instrument :
MSVOA_V
ClientSampled :

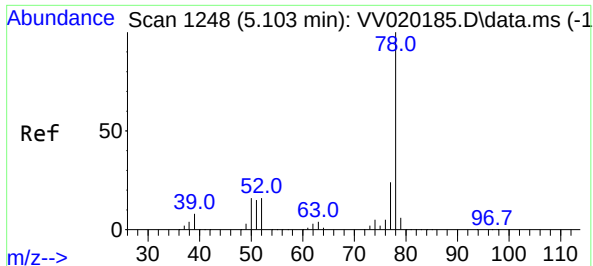
Tgt Ion: 97 Resp: 99274
Ion Ratio Lower Upper
97 100
99 65.0 51.2 76.8
61 44.2 38.5 57.7



#31
Carbon tetrachloride
Concen: 9.10 ug/L
RT: 4.833 min Scan# 1164
Delta R.T. -0.000 min
Lab File: VV020184.D
Acq: 27 Jan 2021 11:08

Tgt Ion: 117 Resp: 85029
Ion Ratio Lower Upper
117 100
119 97.4 76.3 114.5

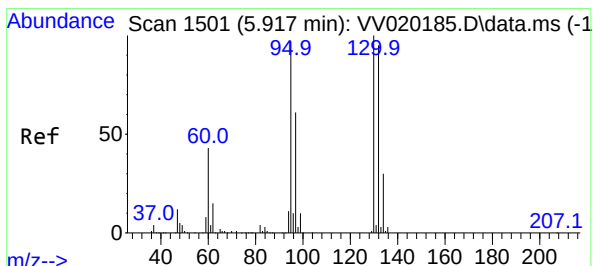
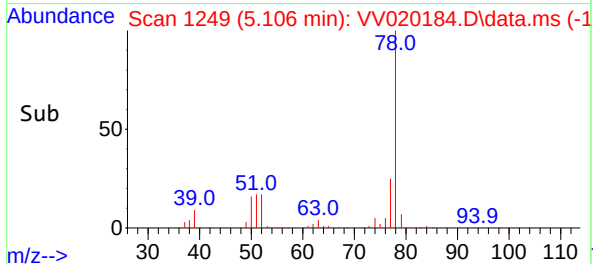
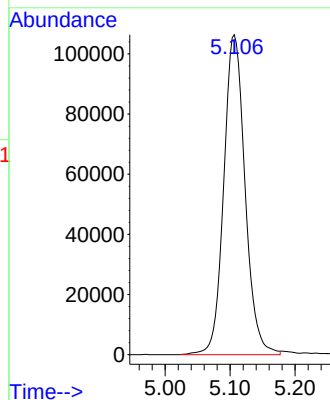
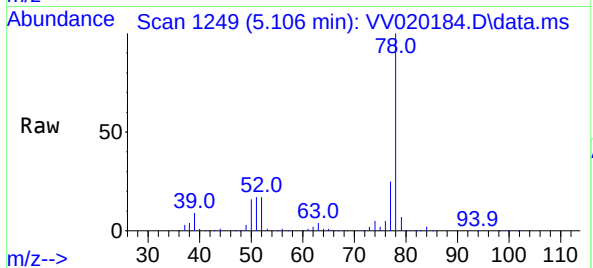




#33
Benzene
Concen: 9.31 ug/L
RT: 5.106 min Scan# 1249
Delta R.T. 0.003 min
Lab File: VV020184.D
Acq: 27 Jan 2021 11:08

Instrument :
MSVOA_V
ClientSampled :

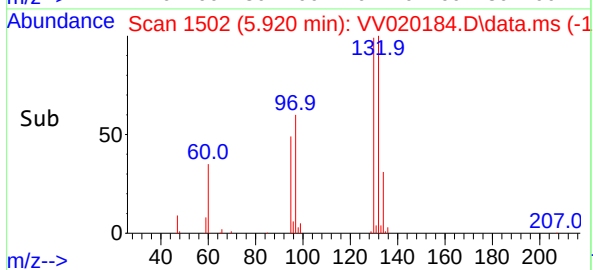
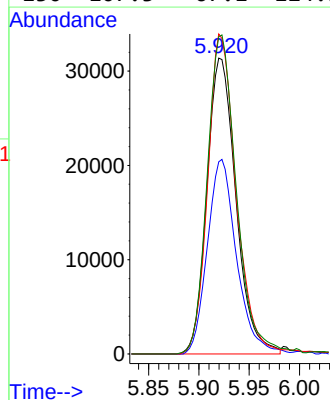
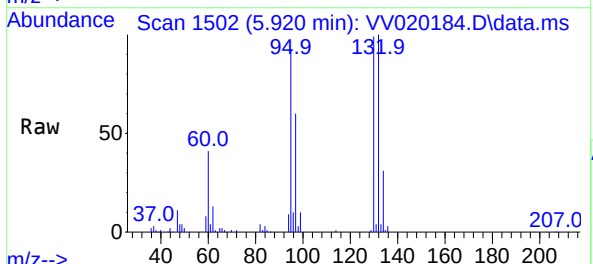
Tgt Ion: 78 Resp: 242370

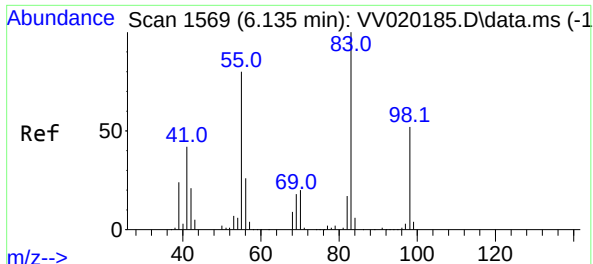


#34
Trichloroethene
Concen: 8.58 ug/L
RT: 5.920 min Scan# 1502
Delta R.T. 0.003 min
Lab File: VV020184.D
Acq: 27 Jan 2021 11:08

Tgt Ion: 95 Resp: 63067

Ion	Ratio	Lower	Upper
95	100		
97	64.9	44.5	82.7
132	108.2	63.4	117.8
130	107.3	67.1	124.5





#35

Methylcyclohexane

Concen: 8.83 ug/L

RT: 6.135 min Scan# 1569

Delta R.T. -0.000 min

Lab File: VV020184.D

Acq: 27 Jan 2021 11:08

Tgt Ion: 83 Resp: 92656

Ion Ratio Lower Upper

83 100

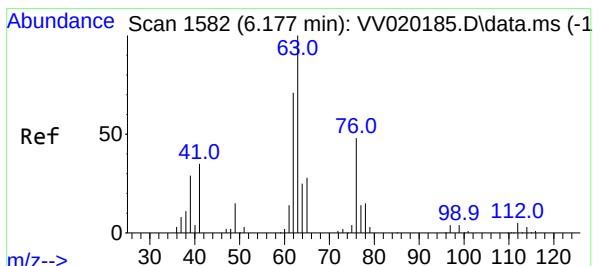
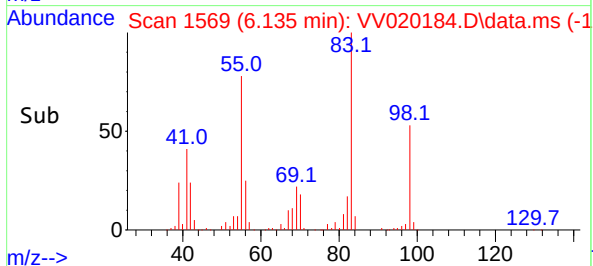
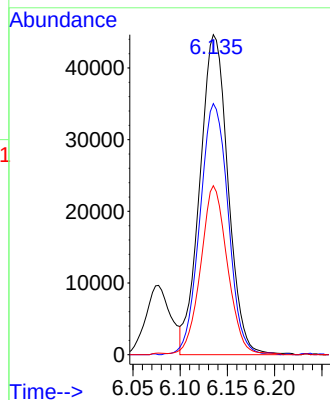
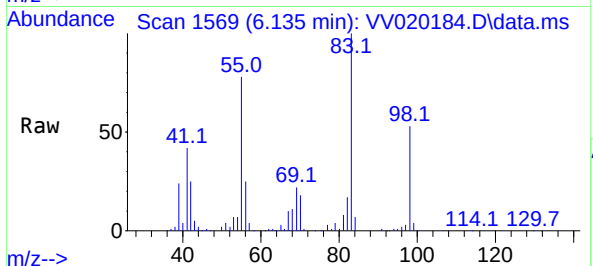
55 78.4 65.1 97.7

98 50.2 38.2 57.2

Instrument :

MSVOA_V

ClientSampleId :



#37

1,2-Dichloropropane

Concen: 8.88 ug/L

RT: 6.180 min Scan# 1583

Delta R.T. 0.003 min

Lab File: VV020184.D

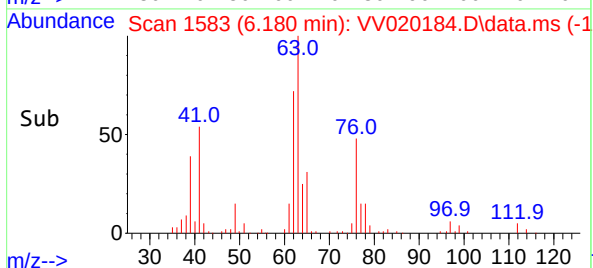
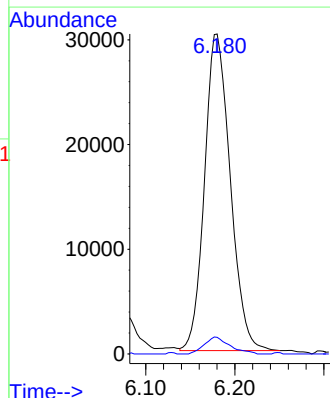
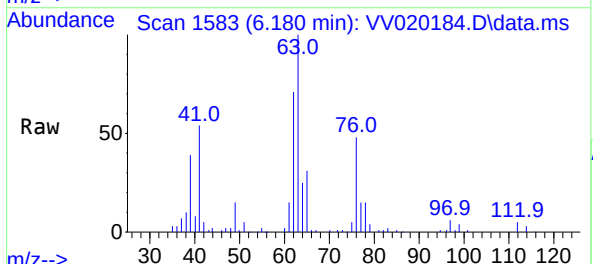
Acq: 27 Jan 2021 11:08

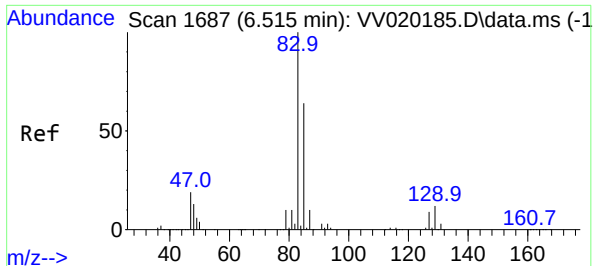
Tgt Ion: 63 Resp: 60674

Ion Ratio Lower Upper

63 100

112 5.3 3.3 4.9#





#38

Bromodichloromethane

Concen: 8.93 ug/L

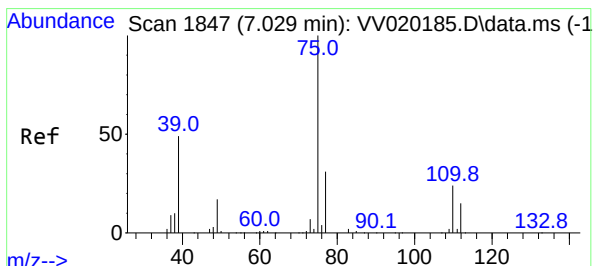
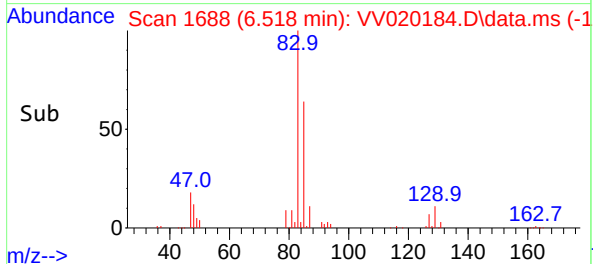
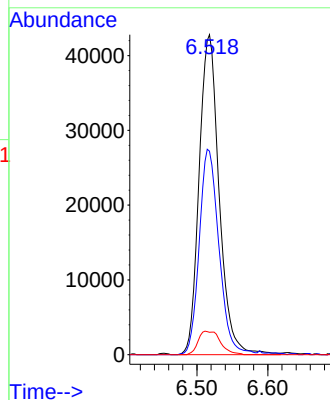
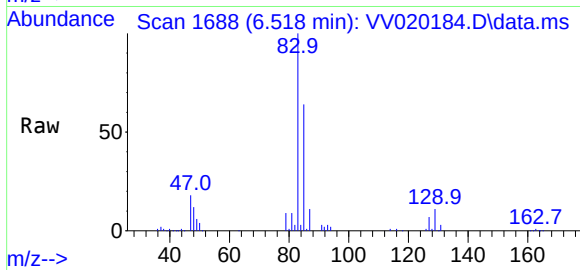
RT: 6.518 min Scan# 1688

Delta R.T. 0.003 min

Lab File: VV020184.D

Acq: 27 Jan 2021 11:08

Tgt Ion:	83	Resp:	83907
Ion Ratio	Lower	Upper	
83	100		
85	63.6	44.5	82.7
127	7.0	6.3	9.5



#39

cis-1,3-Dichloropropene

Concen: 7.72 ug/L

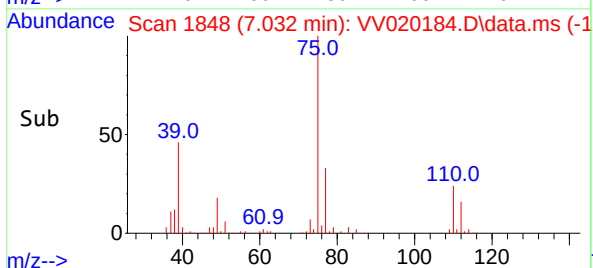
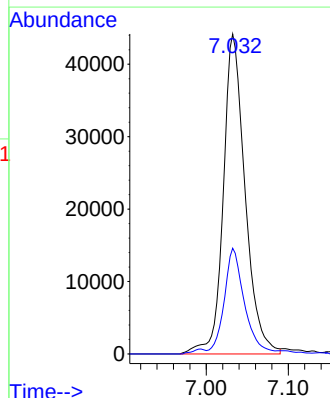
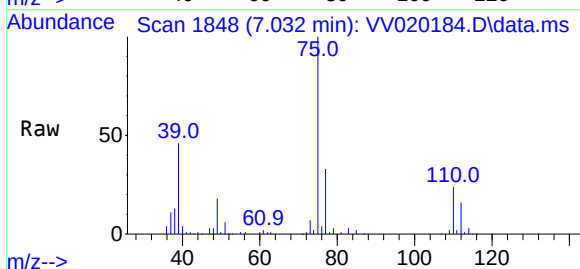
RT: 7.032 min Scan# 1848

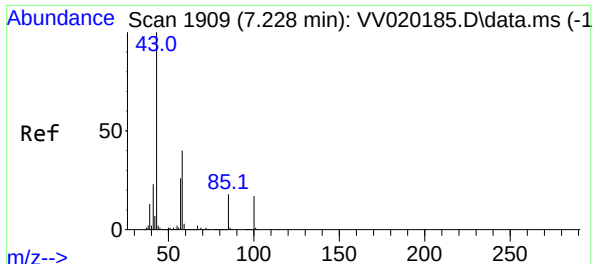
Delta R.T. 0.003 min

Lab File: VV020184.D

Acq: 27 Jan 2021 11:08

Tgt Ion:	75	Resp:	81742
Ion Ratio	Lower	Upper	
75	100		
77	33.1	21.8	40.6

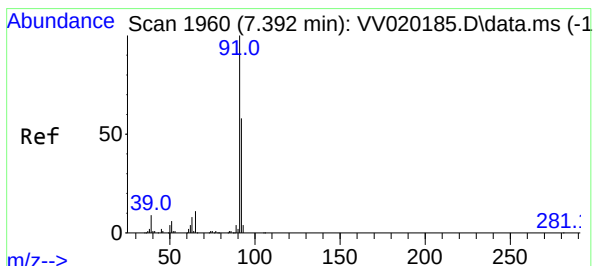
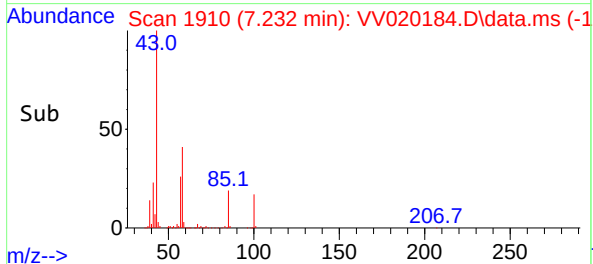
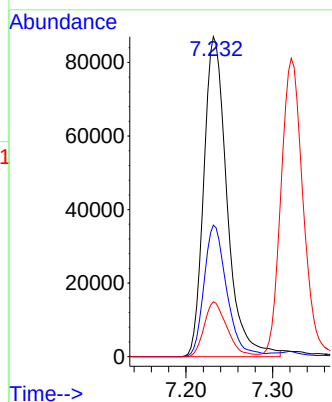
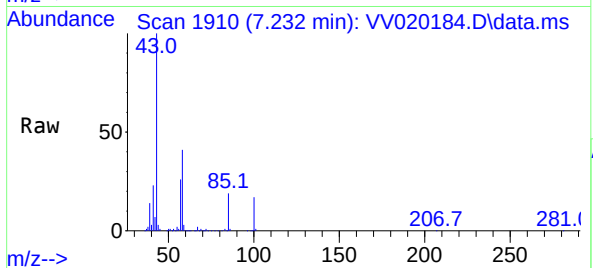




#40
4-Methyl-2-pentanone
Concen: 16.00 ug/L
RT: 7.232 min Scan# 1910
Delta R.T. 0.003 min
Lab File: VV020184.D
Acq: 27 Jan 2021 11:08

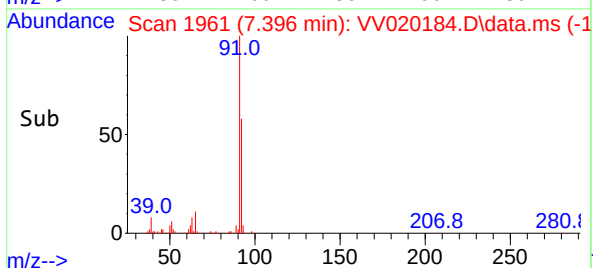
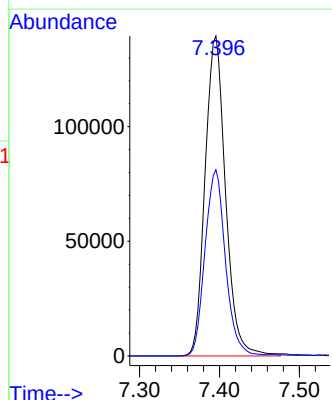
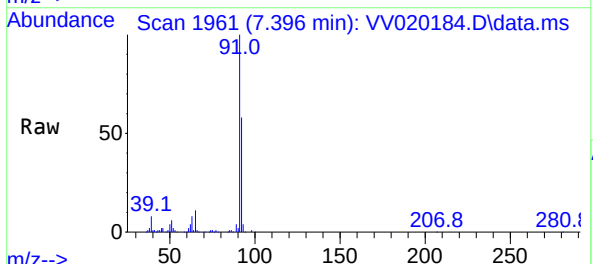
Instrument :
MSVOA_V
ClientSampled :

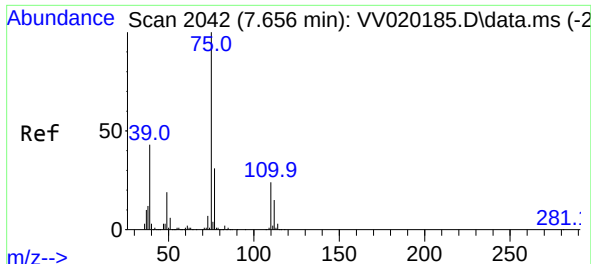
Tgt Ion: 43 Resp: 162589
Ion Ratio Lower Upper
43 100
58 40.2 30.7 46.1
100 16.9 11.6 17.4



#42
Toluene
Concen: 8.92 ug/L
RT: 7.396 min Scan# 1961
Delta R.T. 0.003 min
Lab File: VV020184.D
Acq: 27 Jan 2021 11:08

Tgt Ion: 91 Resp: 248376
Ion Ratio Lower Upper
91 100
92 58.2 40.7 75.7

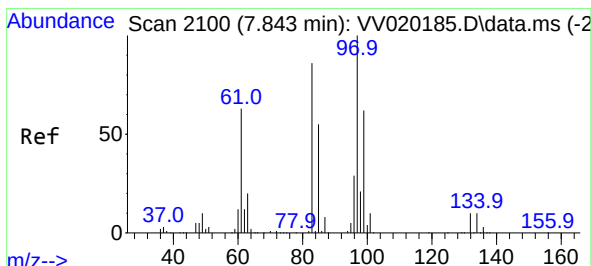
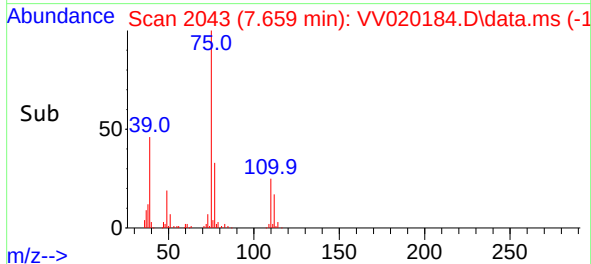
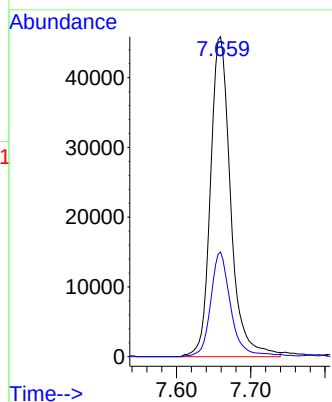
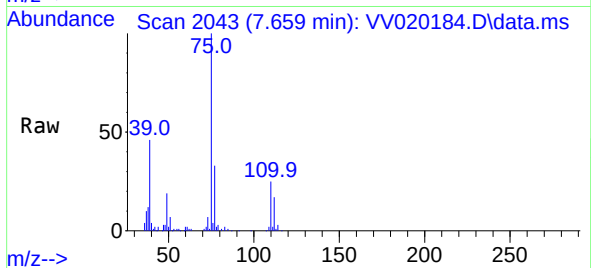




#44
trans-1,3-Dichloropropene
Concen: 8.38 ug/L
RT: 7.659 min Scan# 2043
Delta R.T. 0.003 min
Lab File: VV020184.D
Acq: 27 Jan 2021 11:08

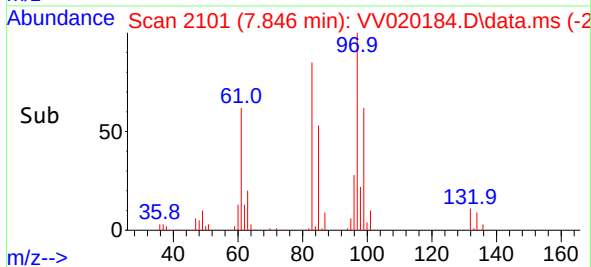
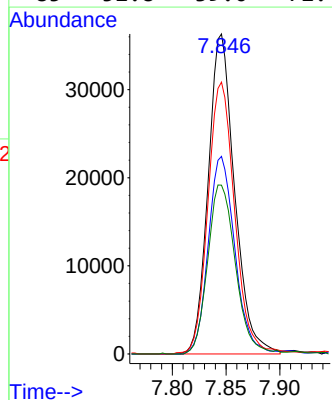
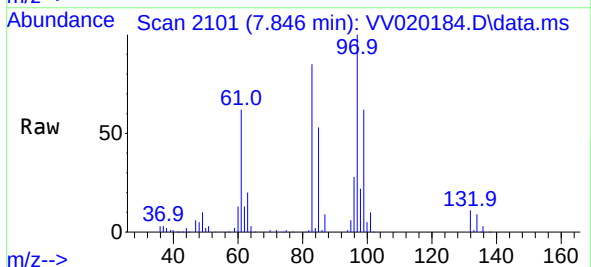
Instrument :
MSVOA_V
ClientSampled :

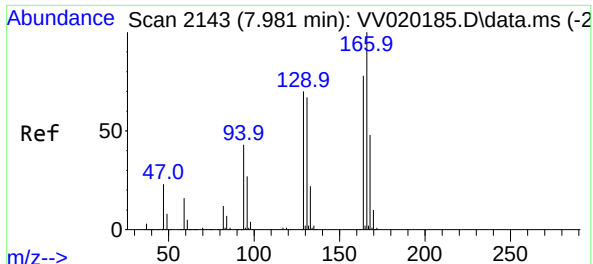
Tgt Ion: 75 Resp: 86411
Ion Ratio Lower Upper
75 100
77 32.7 22.0 41.0



#45
1,1,2-Trichloroethane
Concen: 8.92 ug/L
RT: 7.846 min Scan# 2101
Delta R.T. 0.003 min
Lab File: VV020184.D
Acq: 27 Jan 2021 11:08

Tgt Ion: 97 Resp: 62024
Ion Ratio Lower Upper
97 100
99 61.7 43.8 81.3
83 84.9 62.2 115.4
85 52.8 39.0 72.4



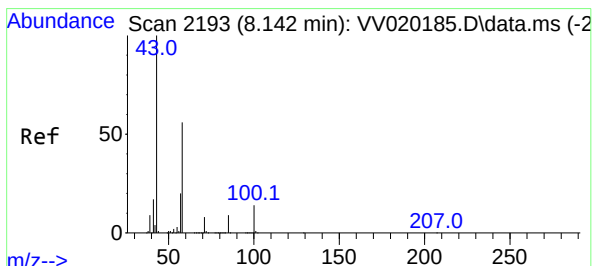
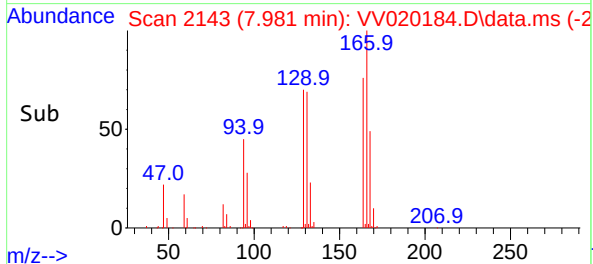
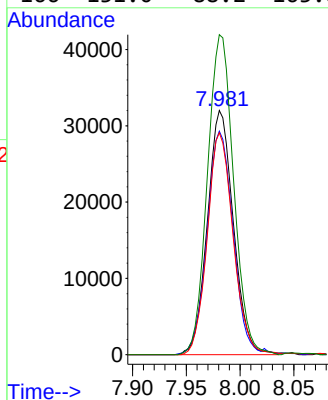
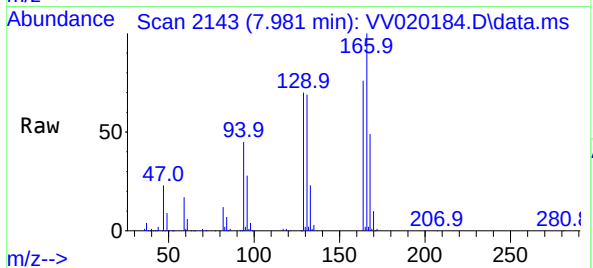


#46
Tetrachloroethene
Concen: 9.19 ug/L
RT: 7.981 min Scan# 2143
Delta R.T. -0.000 min
Lab File: VV020184.D
Acq: 27 Jan 2021 11:08

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:164 Resp: 53833

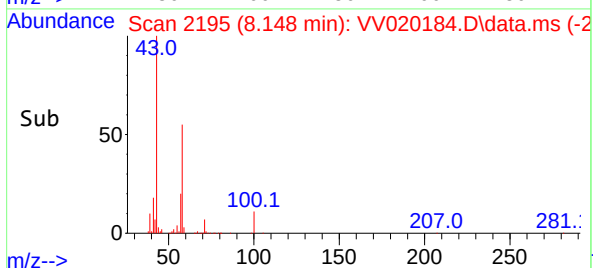
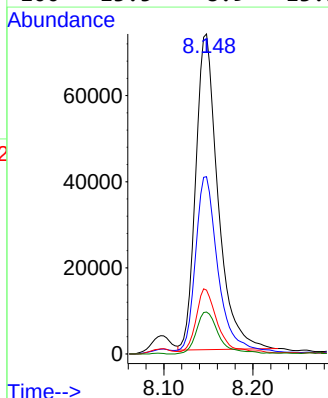
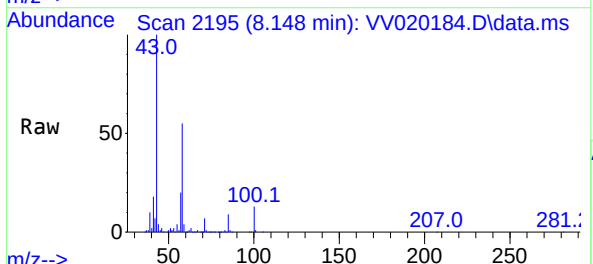
Ion	Ratio	Lower	Upper
164	100		
129	91.5	70.6	131.0
131	90.9	66.8	124.0
166	131.0	88.2	163.8

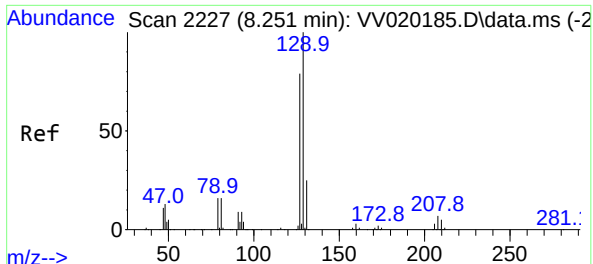


#48
2-Hexanone
Concen: 15.86 ug/L
RT: 8.148 min Scan# 2195
Delta R.T. 0.006 min
Lab File: VV020184.D
Acq: 27 Jan 2021 11:08

Tgt Ion: 43 Resp: 127678

Ion	Ratio	Lower	Upper
43	100		
58	57.7	41.8	62.6
57	18.8	15.0	22.4
100	13.5	8.9	13.3





#49

Dibromochloromethane

Concen: 8.61 ug/L

RT: 8.251 min Scan# 2227

Delta R.T. -0.000 min

Lab File: VV020184.D

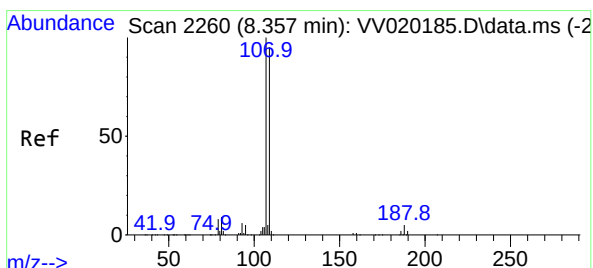
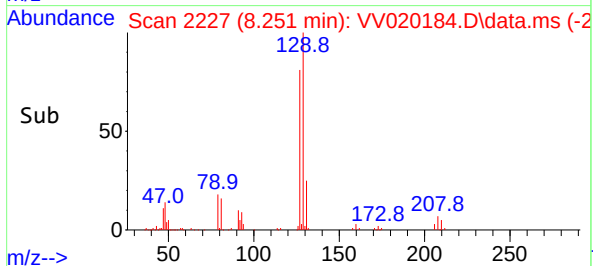
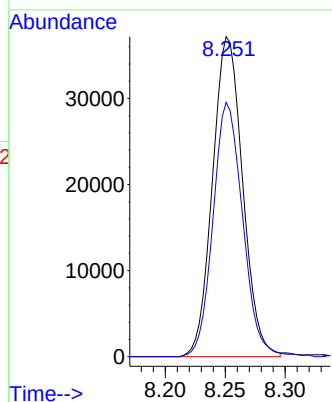
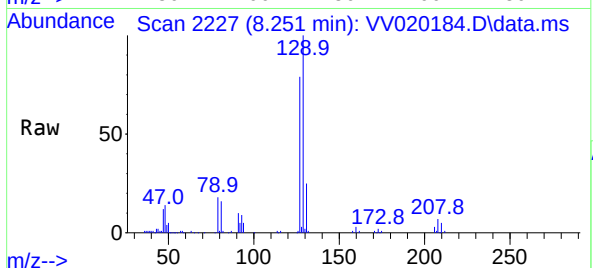
Acq: 27 Jan 2021 11:08

Tgt Ion:129 Resp: 64894

Ion Ratio Lower Upper

129 100

127 79.4 55.2 102.6



#50

1,2-Dibromoethane

Concen: 8.60 ug/L

RT: 8.360 min Scan# 2261

Delta R.T. 0.003 min

Lab File: VV020184.D

Acq: 27 Jan 2021 11:08

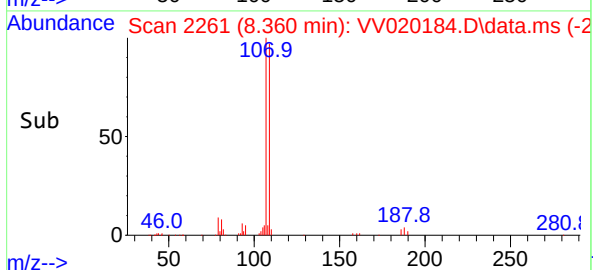
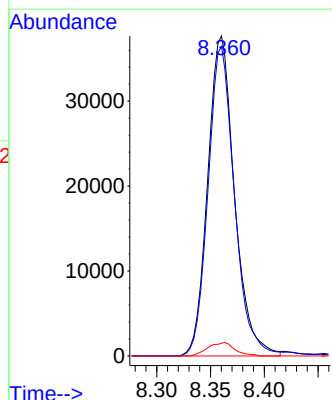
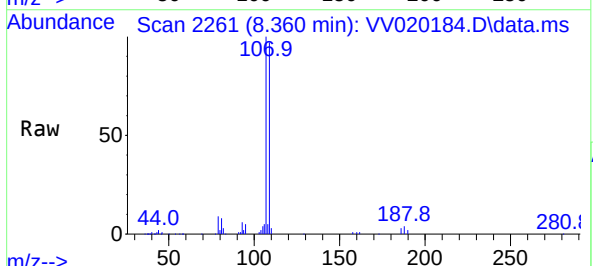
Tgt Ion:107 Resp: 65272

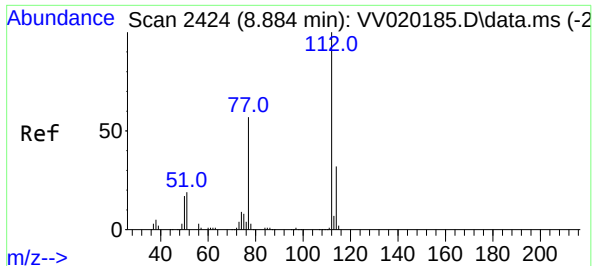
Ion Ratio Lower Upper

107 100

109 96.7 66.2 123.0

188 4.0 2.6 3.8#

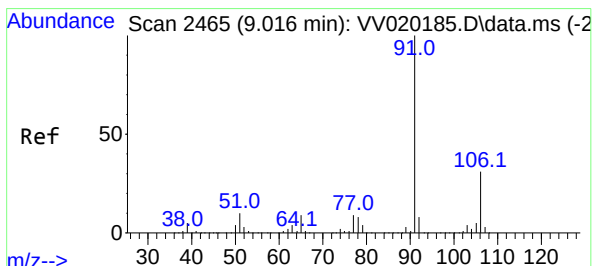
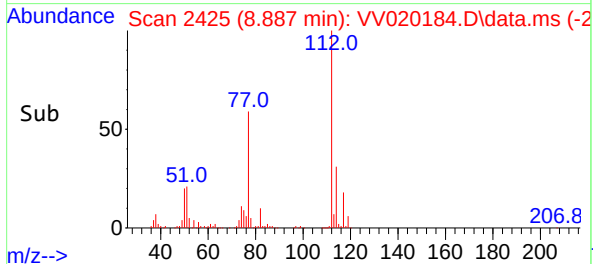
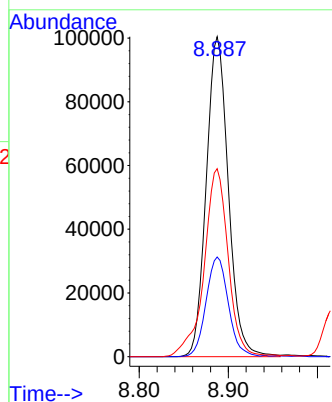
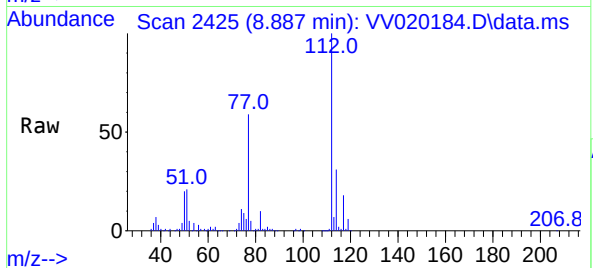




#51
Chlorobenzene
Concen: 9.18 ug/L
RT: 8.887 min Scan# 2425
Delta R.T. 0.003 min
Lab File: VV020184.D
Acq: 27 Jan 2021 11:08

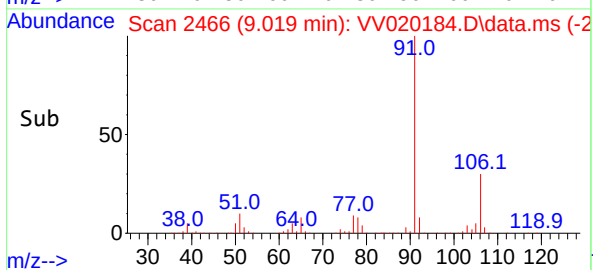
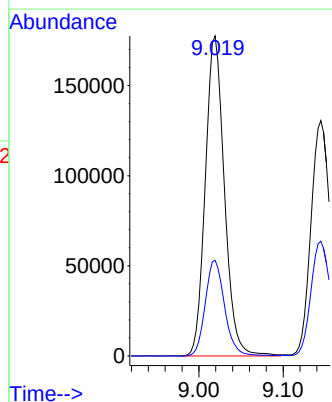
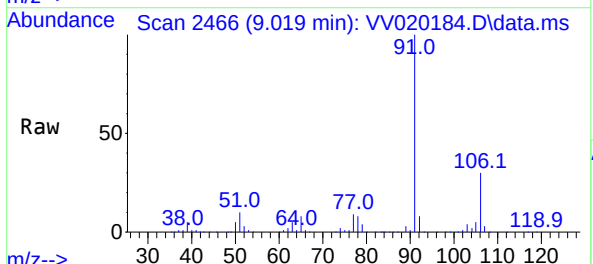
Instrument :
MSVOA_V
ClientSampled :

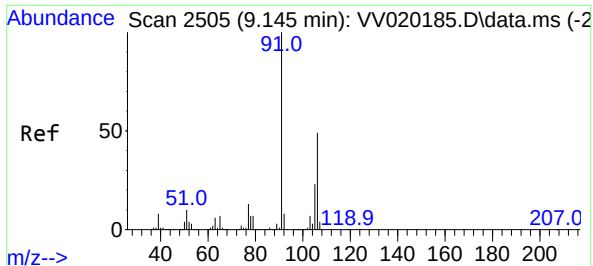
Tgt Ion:112 Resp: 173080
Ion Ratio Lower Upper
112 100
114 31.1 22.2 41.2
77 58.8 49.0 73.6



#52
Ethylbenzene
Concen: 8.98 ug/L
RT: 9.019 min Scan# 2466
Delta R.T. 0.003 min
Lab File: VV020184.D
Acq: 27 Jan 2021 11:08

Tgt Ion: 91 Resp: 280435
Ion Ratio Lower Upper
91 100
106 29.9 21.0 39.0

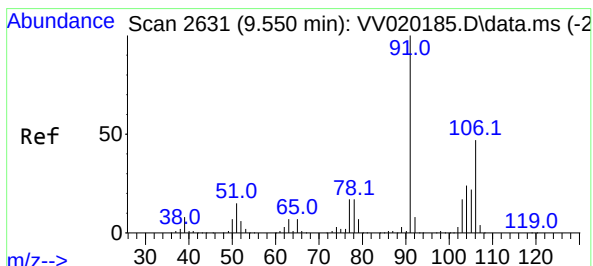
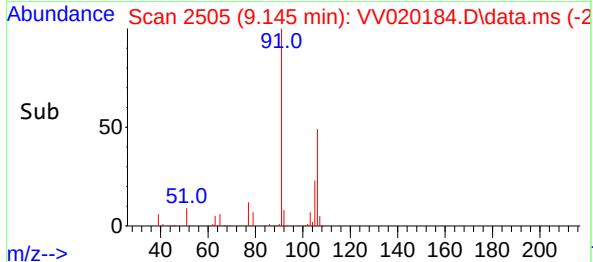
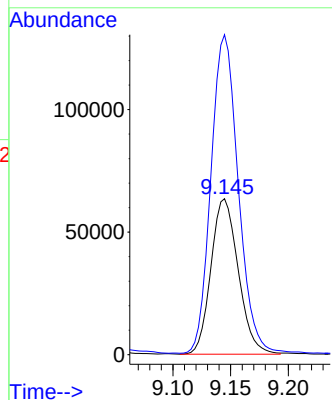
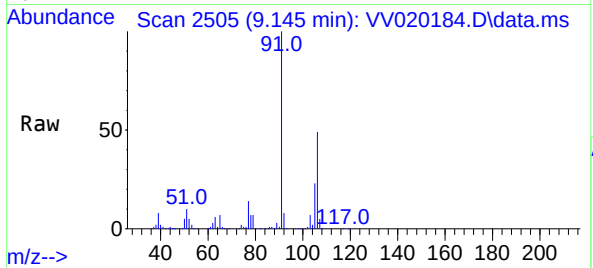




#53
m,p-Xylene
Concen: 9.13 ug/L
RT: 9.145 min Scan# 2505
Delta R.T. -0.000 min
Lab File: VV020184.D
Acq: 27 Jan 2021 11:08

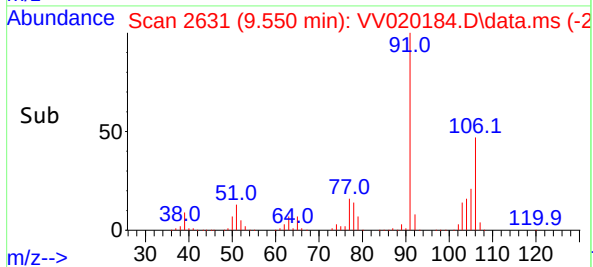
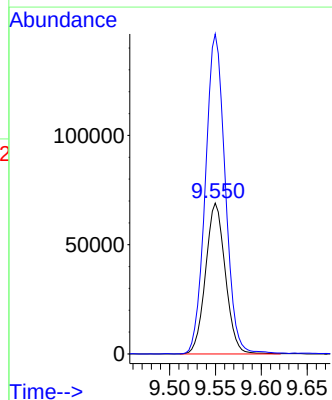
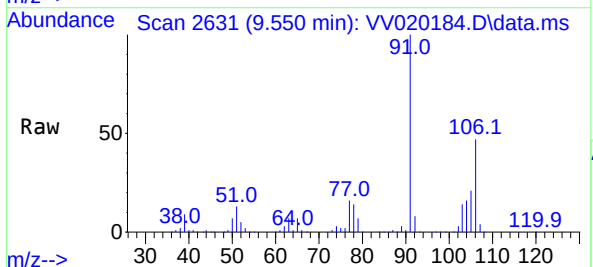
Instrument :
MSVOA_V
ClientSampled :

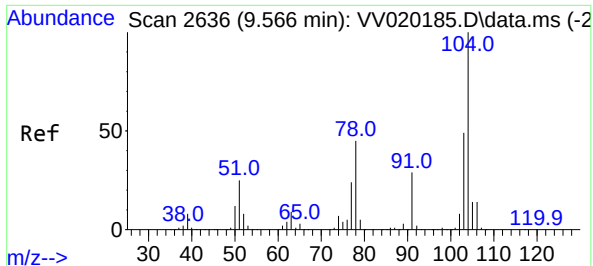
Tgt Ion:106 Resp: 104382
Ion Ratio Lower Upper
106 100
91 205.2 148.1 275.0



#54
o-xylene
Concen: 9.05 ug/L
RT: 9.550 min Scan# 2631
Delta R.T. -0.000 min
Lab File: VV020184.D
Acq: 27 Jan 2021 11:08

Tgt Ion:106 Resp: 103463
Ion Ratio Lower Upper
106 100
91 212.1 156.4 290.6

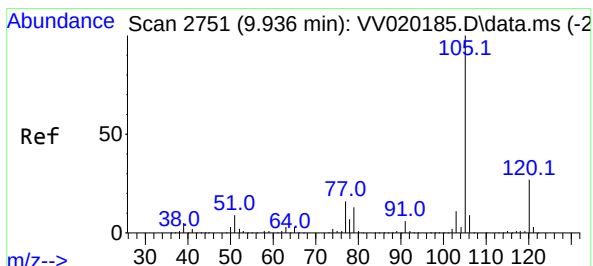
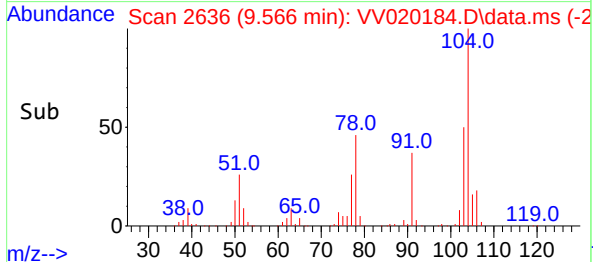
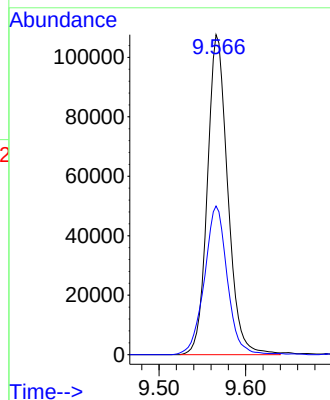
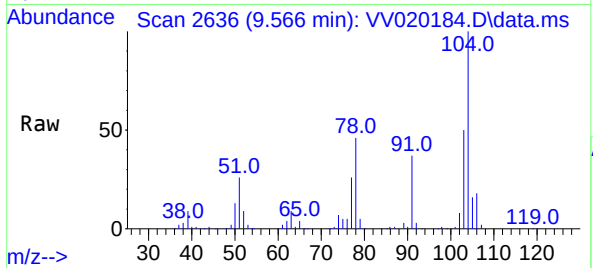




#55
Styrene
Concen: 8.79 ug/L
RT: 9.566 min Scan# 2636
Delta R.T. -0.000 min
Lab File: VV020184.D
Acq: 27 Jan 2021 11:08

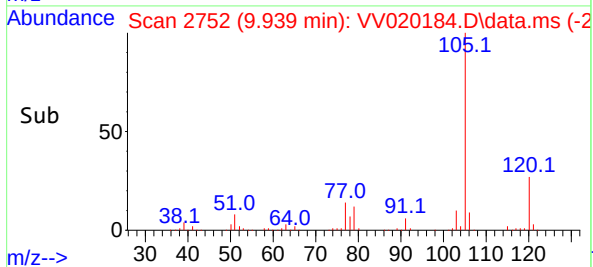
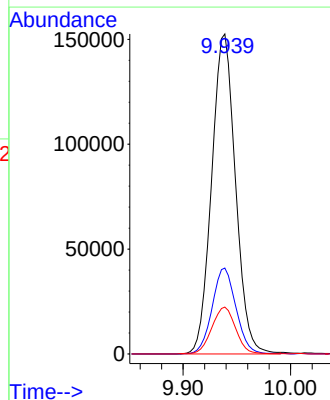
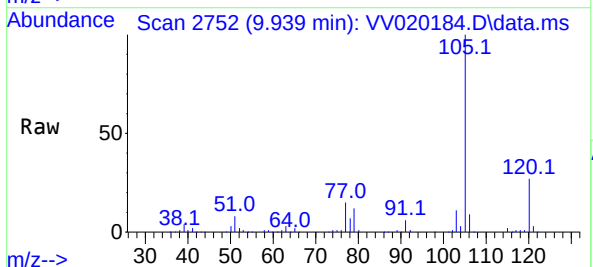
Instrument :
MSVOA_V
ClientSampled :

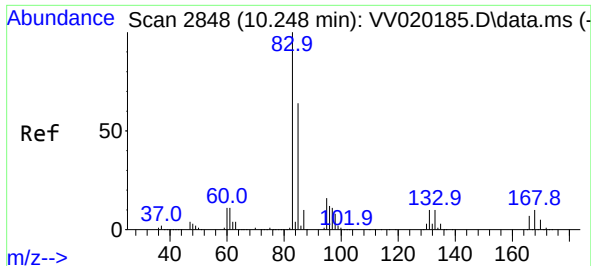
Tgt Ion:104 Resp: 175876
Ion Ratio Lower Upper
104 100
78 46.5 33.7 62.5



#56
Isopropylbenzene
Concen: 7.61 ug/L
RT: 9.939 min Scan# 2752
Delta R.T. 0.003 min
Lab File: VV020184.D
Acq: 27 Jan 2021 11:08

Tgt Ion:105 Resp: 235040
Ion Ratio Lower Upper
105 100
120 26.9 20.5 30.7
77 14.7 13.6 20.4

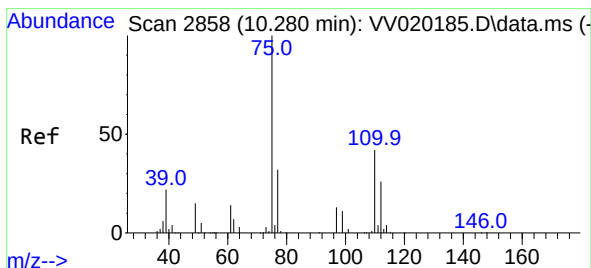
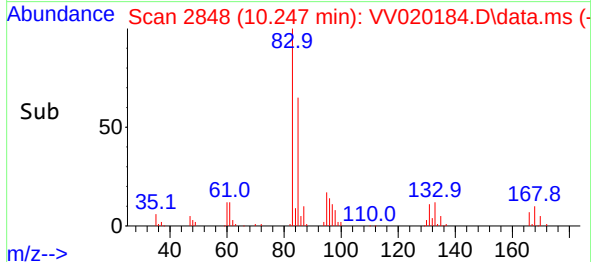
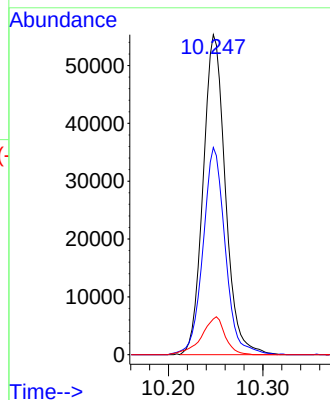
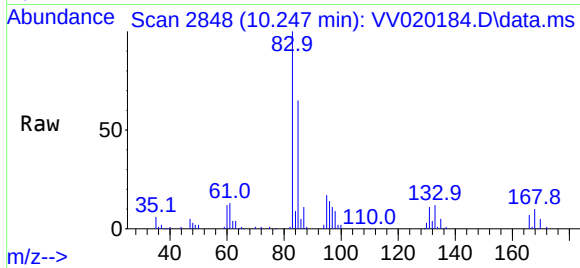




#58
1,1,2,2-Tetrachloroethane
Concen: 8.64 ug/L
RT: 10.247 min Scan# 2848
Delta R.T. -0.000 min
Lab File: VV020184.D
Acq: 27 Jan 2021 11:08

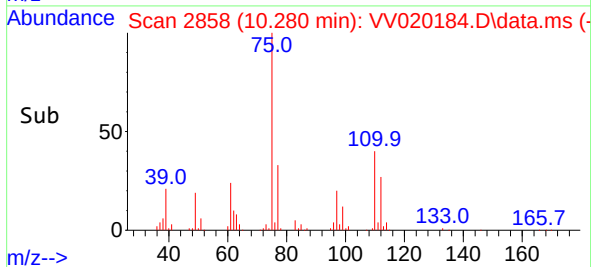
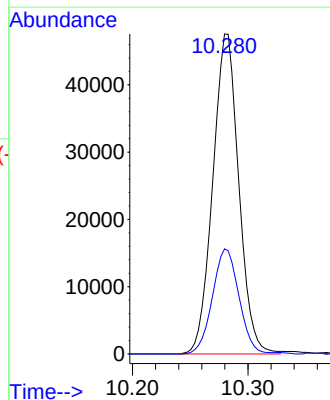
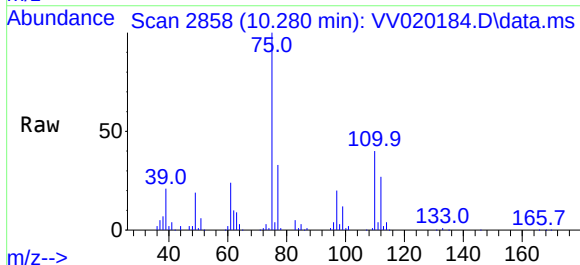
Instrument :
MSVOA_V
ClientSampled :

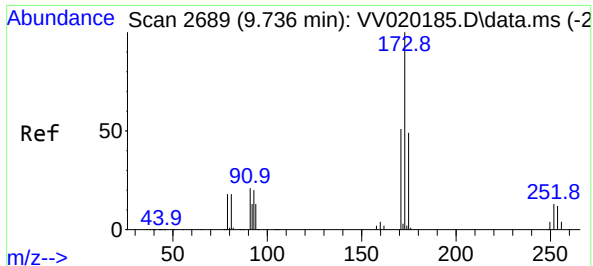
Tgt Ion: 83 Resp: 90349
Ion Ratio Lower Upper
83 100
85 64.8 44.3 82.3
131 11.2 7.3 10.9#



#59
1,2,3-Trichloropropane
Concen: 8.10 ug/L
RT: 10.280 min Scan# 2858
Delta R.T. -0.000 min
Lab File: VV020184.D
Acq: 27 Jan 2021 11:08

Tgt Ion: 75 Resp: 74372
Ion Ratio Lower Upper
75 100
77 33.5 25.4 38.0

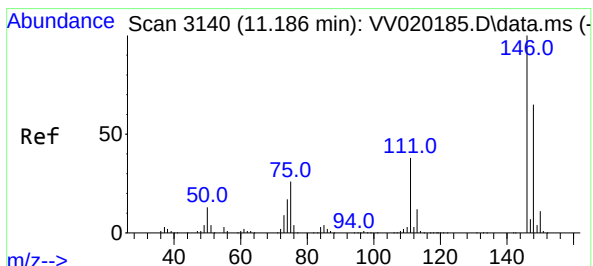
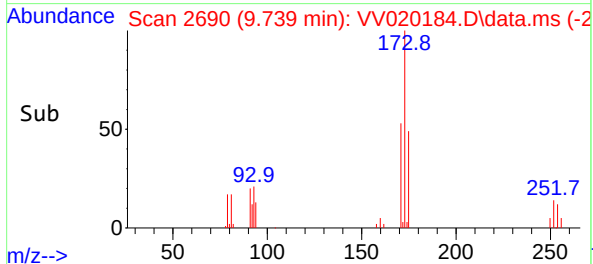
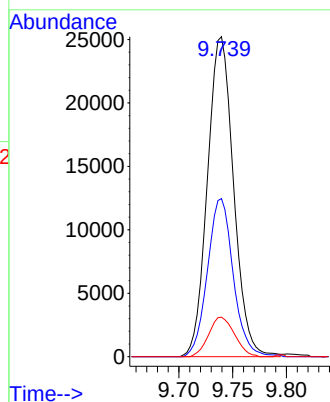
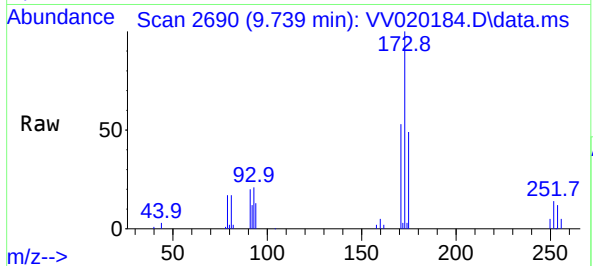




#61
Bromoform
Concen: 8.16 ug/L
RT: 9.739 min Scan# 2690
Delta R.T. 0.003 min
Lab File: VV020184.D
Acq: 27 Jan 2021 11:08

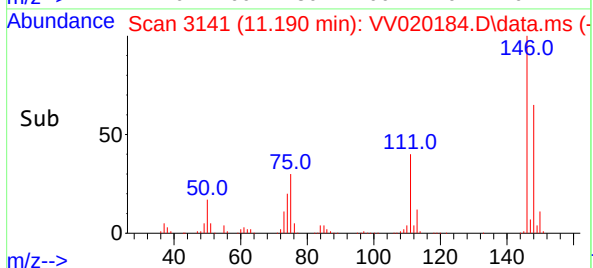
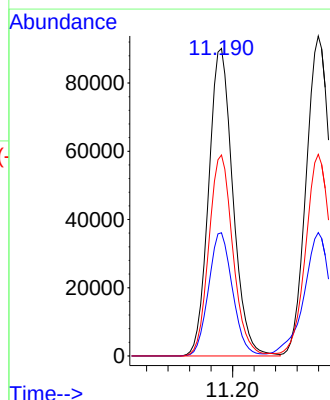
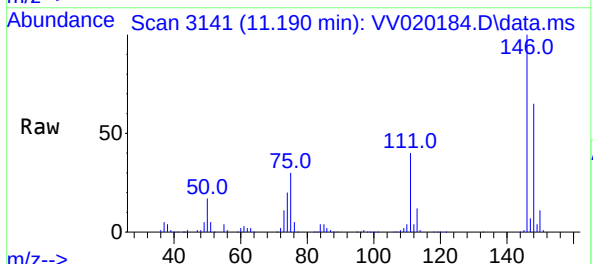
Instrument :
MSVOA_V
ClientSampled :

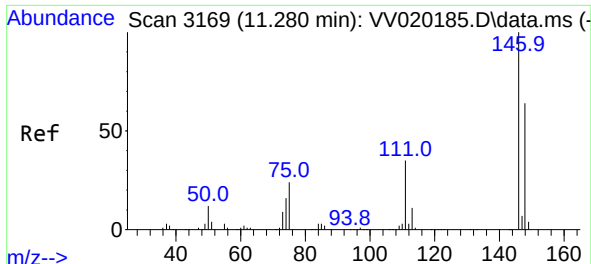
Tgt Ion:173 Resp: 42709
Ion Ratio Lower Upper
173 100
175 48.7 38.6 57.8
254 12.2 6.5 9.7#



#62
1,3-Dichlorobenzene
Concen: 9.48 ug/L
RT: 11.190 min Scan# 3141
Delta R.T. 0.003 min
Lab File: VV020184.D
Acq: 27 Jan 2021 11:08

Tgt Ion:146 Resp: 141243
Ion Ratio Lower Upper
146 100
111 40.1 30.2 56.2
148 65.4 45.0 83.6

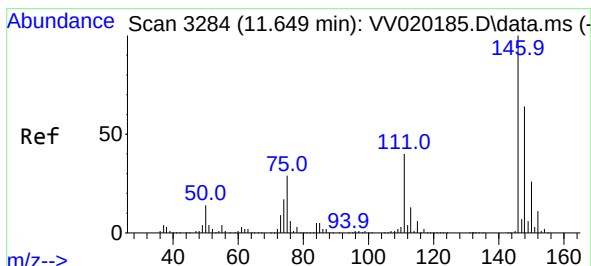
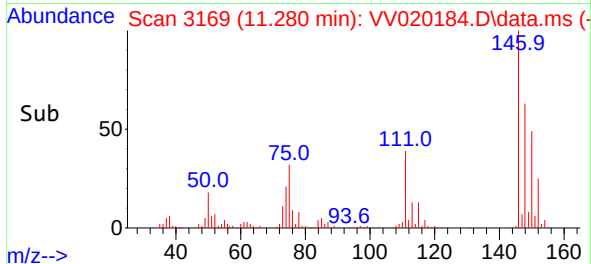
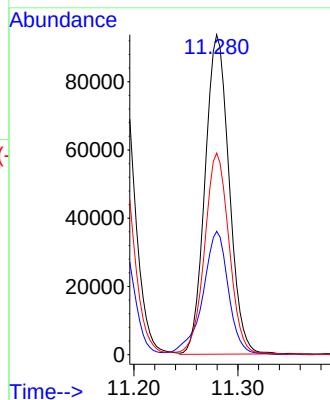
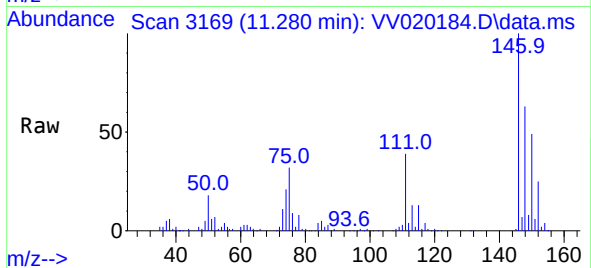




#63
1,4-Dichlorobenzene
Concen: 9.68 ug/L
RT: 11.280 min Scan# 3169
Delta R.T. -0.000 min
Lab File: VV020184.D
Acq: 27 Jan 2021 11:08

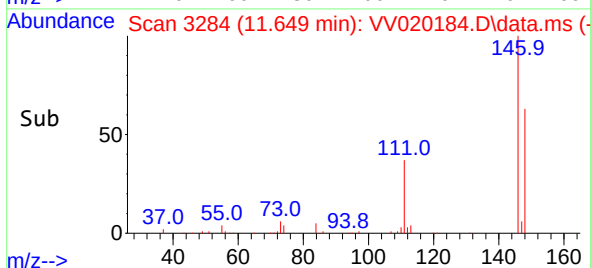
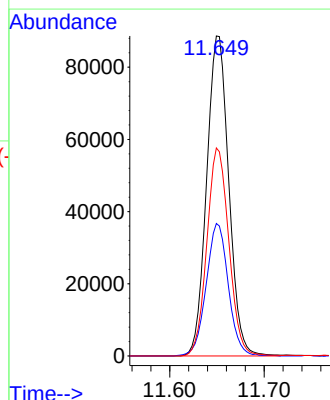
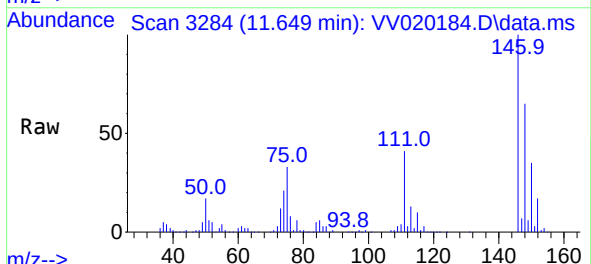
Instrument :
MSVOA_V
ClientSampled :

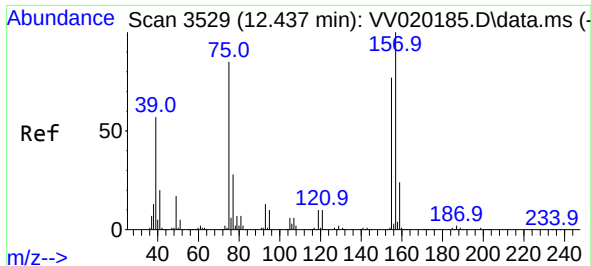
Tgt Ion:146 Resp: 150798
Ion Ratio Lower Upper
146 100
111 38.5 29.4 54.6
148 63.0 44.7 83.1



#65
1,2-Dichlorobenzene
Concen: 9.34 ug/L
RT: 11.649 min Scan# 3284
Delta R.T. -0.000 min
Lab File: VV020184.D
Acq: 27 Jan 2021 11:08

Tgt Ion:146 Resp: 144281
Ion Ratio Lower Upper
146 100
111 41.4 36.3 54.5
148 65.0 51.7 77.5

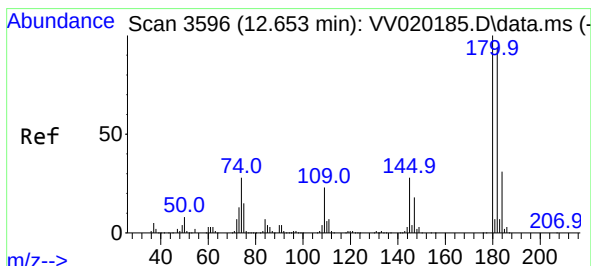
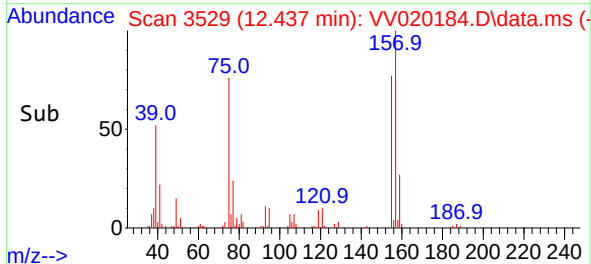
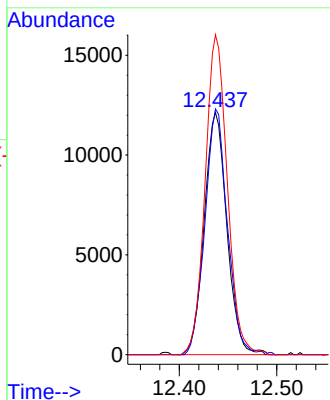
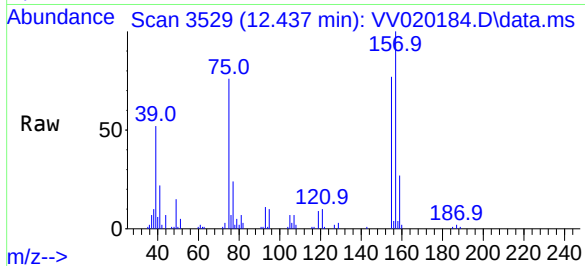




#66
 1,2-Dibromo-3-chloropropane
 Concen: 7.65 ug/L
 RT: 12.437 min Scan# 3529
 Delta R.T. -0.000 min
 Lab File: VV020184.D
 Acq: 27 Jan 2021 11:08

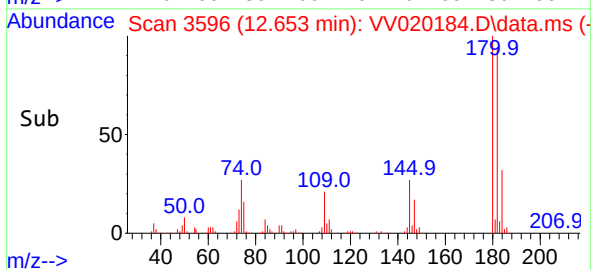
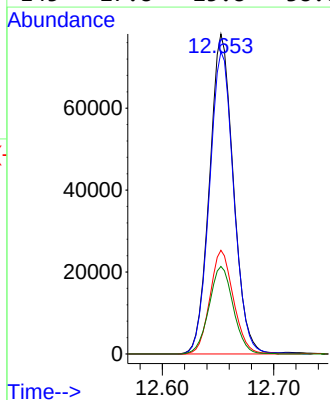
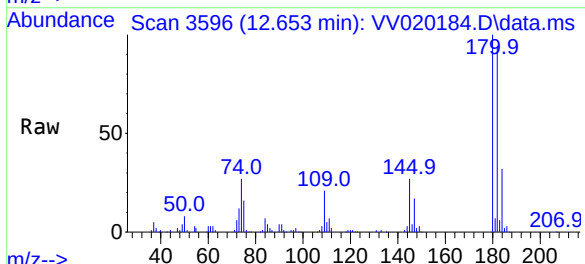
Instrument :
 MSVOA_V
 ClientSampled :

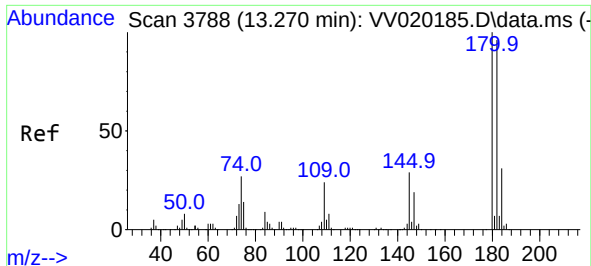
Tgt Ion: 75 Resp: 19620
 Ion Ratio Lower Upper
 75 100
 155 101.4 59.1 88.7#
 157 132.1 75.4 113.0#



#67
 1,3,5-Trichlorobenzene
 Concen: 9.90 ug/L
 RT: 12.653 min Scan# 3596
 Delta R.T. -0.000 min
 Lab File: VV020184.D
 Acq: 27 Jan 2021 11:08

Tgt Ion:180 Resp: 116172
 Ion Ratio Lower Upper
 180 100
 182 95.9 75.0 112.6
 184 32.0 24.0 36.0
 145 27.8 25.8 38.6

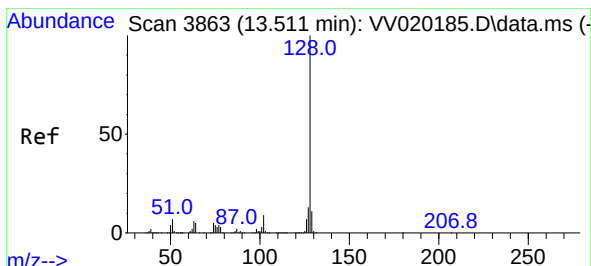
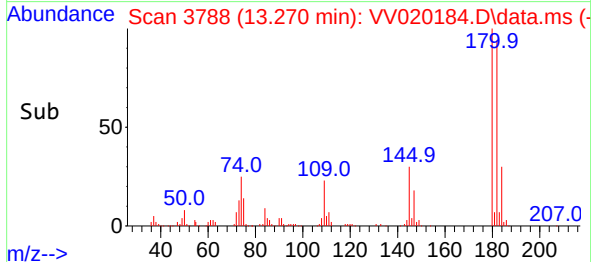
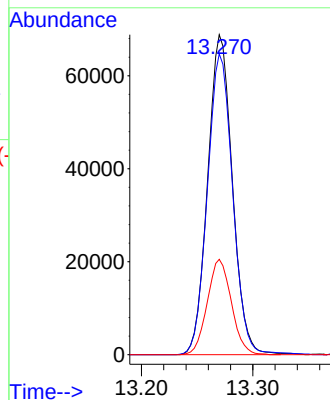
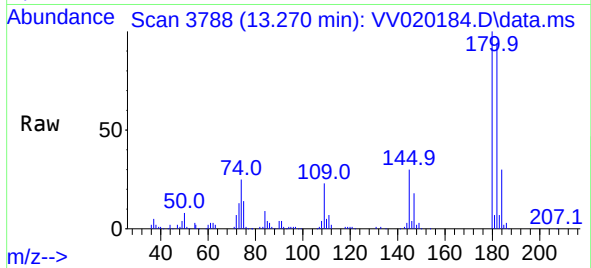




#68
1,2,4-trichlorobenzene
Concen: 9.83 ug/L
RT: 13.270 min Scan# 3788
Delta R.T. -0.000 min
Lab File: VV020184.D
Acq: 27 Jan 2021 11:08

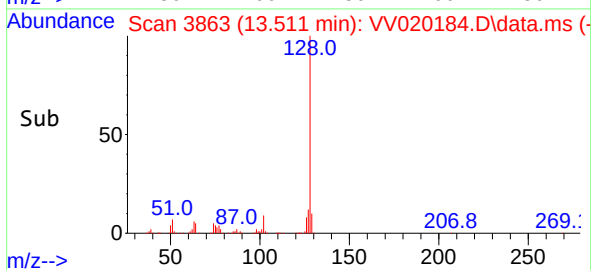
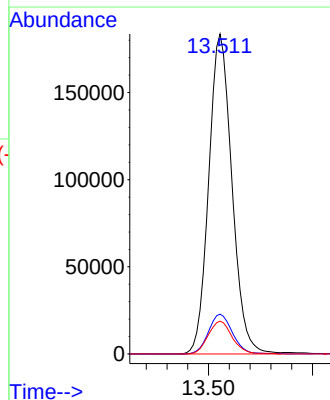
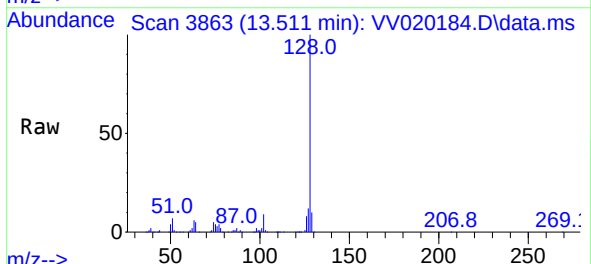
Instrument :
MSVOA_V
ClientSampled :

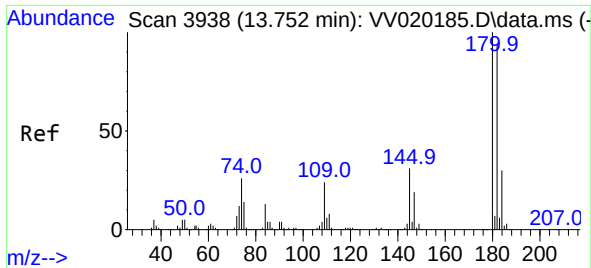
Tgt Ion:180 Resp: 105935
Ion Ratio Lower Upper
180 100
182 96.3 75.1 112.7
145 29.1 26.8 40.2



#69
Naphthalene
Concen: 9.11 ug/L
RT: 13.511 min Scan# 3863
Delta R.T. -0.000 min
Lab File: VV020184.D
Acq: 27 Jan 2021 11:08

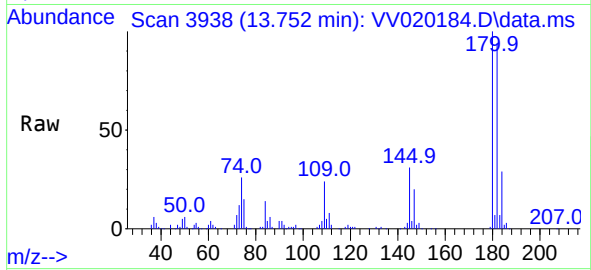
Tgt Ion:128 Resp: 284502
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 10.5 8.6 13.0





#70
 1,2,3-Trichlorobenzene
 Concen: 9.78 ug/L
 RT: 13.752 min Scan# 3938
 Delta R.T. -0.000 min
 Lab File: VV020184.D
 Acq: 27 Jan 2021 11:08

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:180 Resp: 104290

Ion	Ratio	Lower	Upper
180	100		
182	94.8	76.1	114.1
145	30.7	27.9	41.9

