

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW020321\
 Data File : VW020257.D
 Acq On : 03 Feb 2021 15:28
 Operator : SY/MD
 Sample : VSTD05062
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 03 15:56:52 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM020321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Feb 03 15:54:13 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.621	114	620052	50.00	ug/L	# 0.00
28) Chlorobenzene-d5	8.855	117	601548	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.254	152	354829	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.309	65	125000	32.10	ug/L	0.00
7) Chloroethane-d5	1.569	69	107839	35.83	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.109	63	262277	42.58	ug/L	0.00
21) 2-Butanone-d5	3.894	46	218174	85.21	ug/L	0.00
24) Chloroform-d	4.354	84	336710	45.24	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.035	65	204968	43.06	ug/L	0.00
32) Benzene-d6	5.055	84	653247	43.88	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.074	67	188943	41.68	ug/L	0.00
41) Toluene-d8	7.318	98	640434	45.85	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.624	79	103011	45.85	ug/L	0.00
47) 2-Hexanone-d5	8.093	63	181890	90.20	ug/L	0.00
57) 1,1,2,2-Tetrachloroeth...	10.222	84	301574	46.80	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.630	152	327739	50.06	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.129	85	182006	42.44	ug/L	99
3) Chloromethane	1.241	50	153070	33.65	ug/L	98
5) Vinyl chloride	1.312	62	168557	39.26	ug/L	99
6) Bromomethane	1.524	94	113386	45.02	ug/L	94
8) Chloroethane	1.589	64	102701	40.61	ug/L	98
9) Trichlorofluoromethane	1.753	101	279919	46.21	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.119	101	170393	52.20	ug/L	# 78
12) 1,1-Dichloroethene	2.119	96	158489	50.61	ug/L	# 63
13) Acetone	2.193	43	139483	88.10	ug/L	92
14) Carbon disulfide	2.296	76	436587	45.16	ug/L	100
16) Methylene chloride	2.508	84	186169	47.58	ug/L	80
17) trans-1,2-Dichloroethene	2.762	96	180241	48.64	ug/L	84
18) Methyl tert-butyl Ether	2.772	73	556143	47.64	ug/L	# 92
19) 1,1-Dichloroethane	3.193	63	298280	44.29	ug/L	97
20) cis-1,2-Dichloroethene	3.916	96	202991	49.11	ug/L	73
22) 2-Butanone	3.981	43	219094	77.75	ug/L	89
23) Bromochloromethane	4.251	128	118914	52.72	ug/L	# 67
25) Chloroform	4.379	83	340382	46.57	ug/L	98
29) Cyclohexane	4.682	56	246270	40.98	ug/L	# 84
30) 1,1,1-Trichloroethane	4.614	97	313616	46.12	ug/L	# 93
31) Carbon tetrachloride	4.833	117	281365	47.49	ug/L	97
33) Benzene	5.103	78	712442	44.57	ug/L	100
34) Trichloroethene	5.916	95	203340	46.84	ug/L	86
35) Methylcyclohexane	6.135	83	289178	46.07	ug/L	89
37) 1,2-Dichloropropane	6.177	63	175192	44.45	ug/L	# 94
38) Bromodichloromethane	6.514	83	253121	45.53	ug/L	# 99
39) cis-1,3-Dichloropropene	7.029	75	288234	45.27	ug/L	98
40) 4-Methyl-2-pentanone	7.228	43	433395	77.93	ug/L	# 86
42) Toluene	7.392	91	808004	47.11	ug/L	99
44) trans-1,3-Dichloropropene	7.653	75	281055	45.94	ug/L	99
45) 1,1,2-Trichloroethane	7.842	97	198356	49.15	ug/L	93
46) Tetrachloroethene	7.977	164	202745	53.80	ug/L	89

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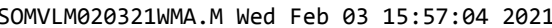
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 MSVOA_V
 ClientSampleId :

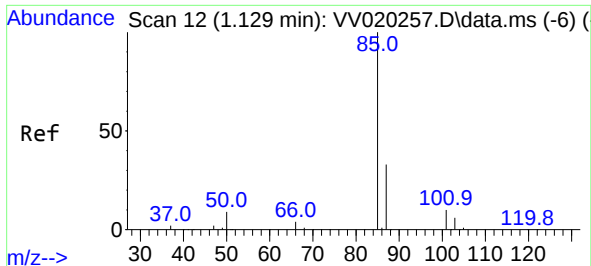
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM020321WMA.M
 Quant Title : VOC Analysis
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
48) 2-Hexanone	8.141	43	340536	83.24	ug/L #	88
49) Dibromochloromethane	8.251	129	239478	52.02	ug/L	98
50) 1,2-Dibromoethane	8.357	107	219578	49.98	ug/L #	100
51) Chlorobenzene	8.884	112	575377	49.85	ug/L	93
52) Ethylbenzene	9.016	91	905357	48.96	ug/L	95
53) m,p-Xylene	9.141	106	364398	50.20	ug/L	90
54) o-xylene	9.546	106	358051	51.59	ug/L	87
55) Styrene	9.563	104	631908	51.83	ug/L	92
56) Isopropylbenzene	9.936	105	945802	51.32	ug/L	95
58) 1,1,2,2-Tetrachloroethane	10.247	83	304443	46.06	ug/L #	96
59) 1,2,3-Trichloropropane	10.280	75	241185	44.95	ug/L	99
61) Bromoform	9.736	173	200148	53.47	ug/L #	97
62) 1,3-Dichlorobenzene	11.186	146	527495	51.26	ug/L	94
63) 1,4-Dichlorobenzene	11.276	146	532391	50.10	ug/L	96
65) 1,2-Dichlorobenzene	11.649	146	526540	50.60	ug/L	95
66) 1,2-Dibromo-3-chloropr...	12.434	75	70567	44.89	ug/L #	47
67) 1,3,5-Trichlorobenzene	12.652	180	458681	52.05	ug/L	97
68) 1,2,4-trichlorobenzene	13.270	180	419685	52.29	ug/L	96
69) Naphthalene	13.508	128	1113612	49.74	ug/L	100
70) 1,2,3-Trichlorobenzene	13.752	180	417182	52.45	ug/L	97

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

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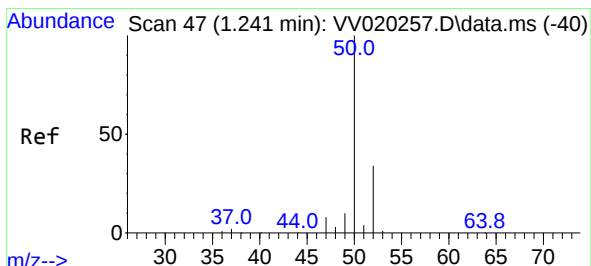
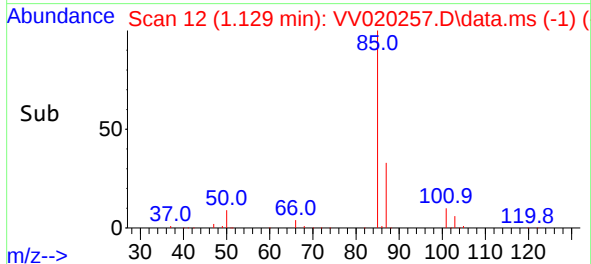
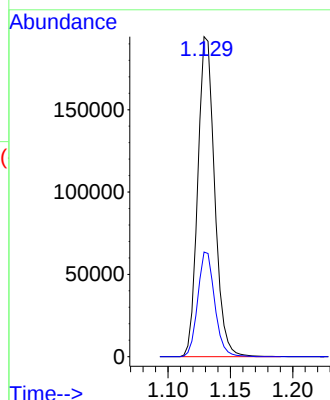
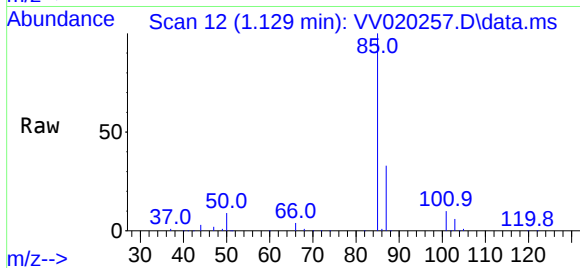




#2
Dichlorodifluoromethane
Concen: 42.44 ug/L
RT: 1.129 min Scan# 12
Delta R.T. 0.000 min
Lab File: VV020257.D
Acq: 03 Feb 2021 15:28

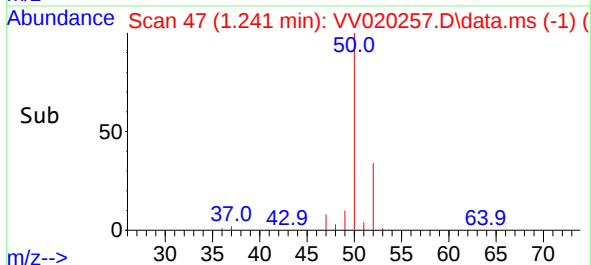
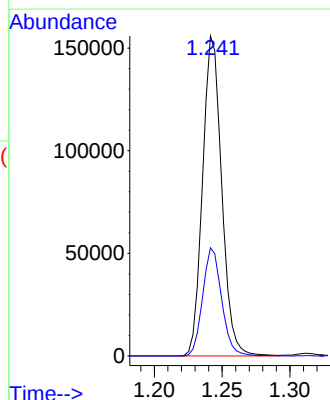
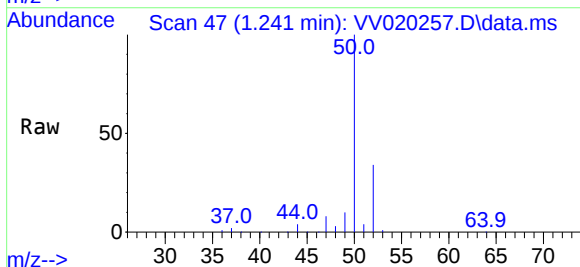
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ClientSampled :

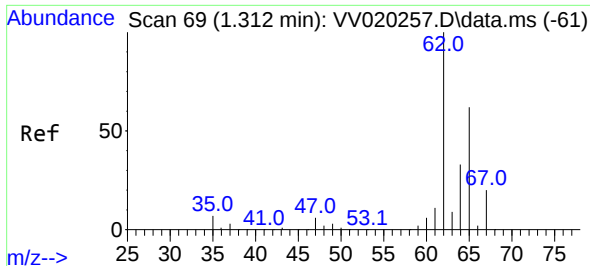
Tgt Ion: 85 Resp: 182006
Ion Ratio Lower Upper
85 100
87 32.8 25.9 38.9



#3
Chloromethane
Concen: 33.65 ug/L
RT: 1.241 min Scan# 47
Delta R.T. 0.000 min
Lab File: VV020257.D
Acq: 03 Feb 2021 15:28

Tgt Ion: 50 Resp: 153070
Ion Ratio Lower Upper
50 100
52 33.8 22.7 42.1

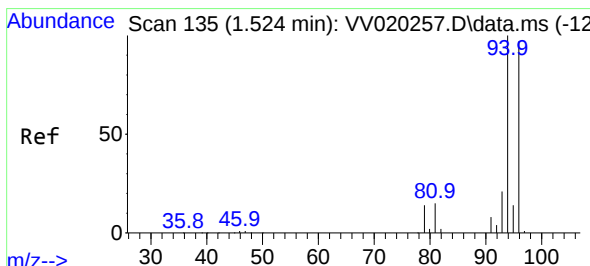
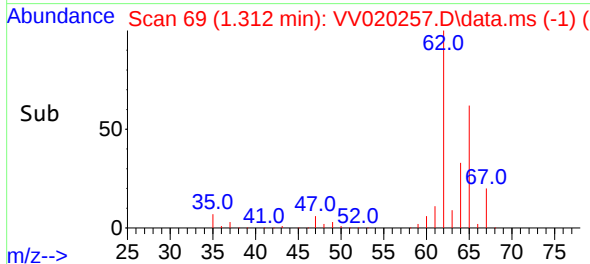
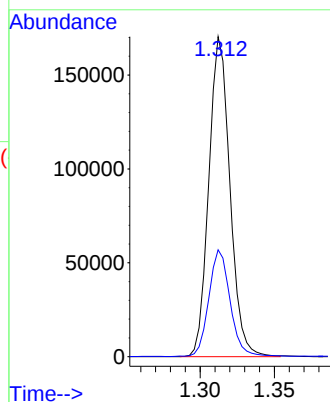
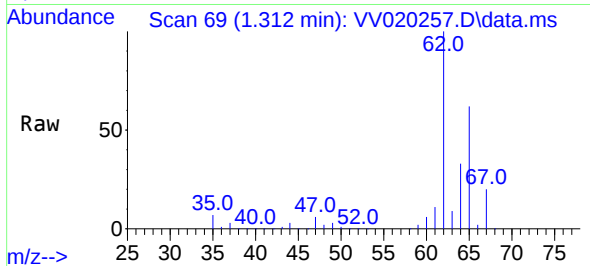




#5
 Vinyl chloride
 Concen: 39.26 ug/L
 RT: 1.312 min Scan# 69
 Delta R.T. 0.000 min
 Lab File: VV020257.D
 Acq: 03 Feb 2021 15:28

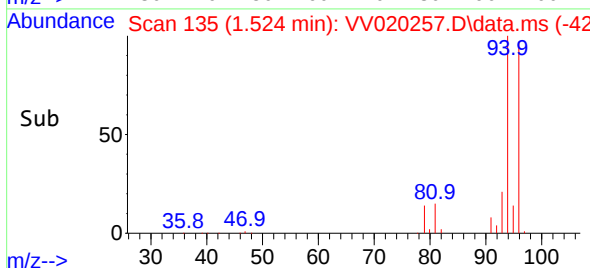
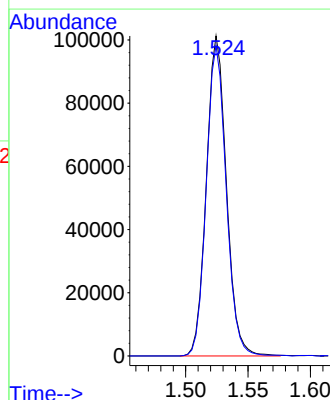
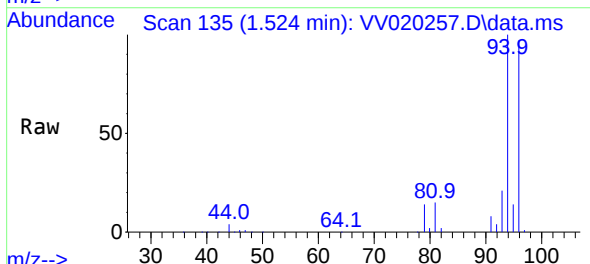
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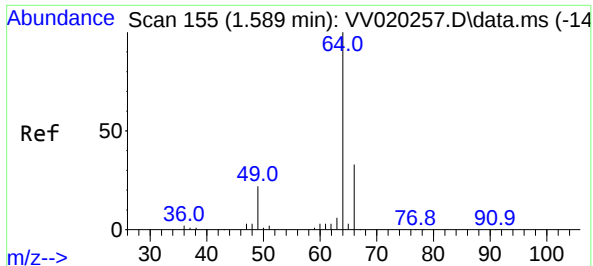
Tgt Ion: 62 Resp: 168557
 Ion Ratio Lower Upper
 62 100
 64 33.4 23.0 42.6



#6
 Bromomethane
 Concen: 45.02 ug/L
 RT: 1.524 min Scan# 135
 Delta R.T. 0.000 min
 Lab File: VV020257.D
 Acq: 03 Feb 2021 15:28

Tgt Ion: 94 Resp: 113386
 Ion Ratio Lower Upper
 94 100
 96 97.0 63.6 118.2

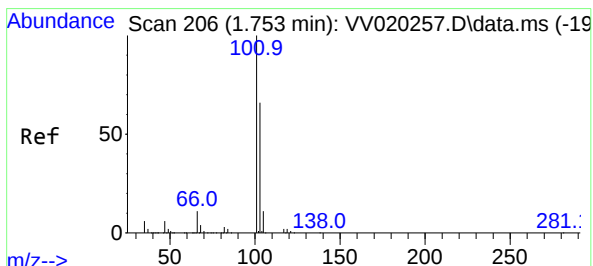
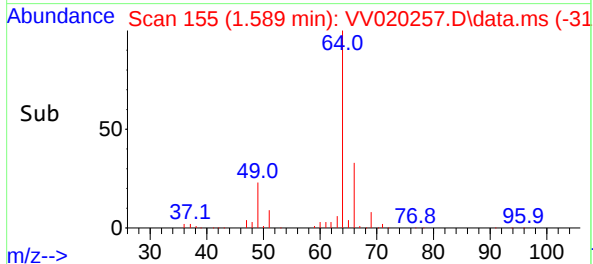
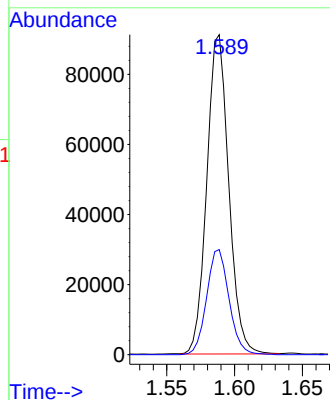
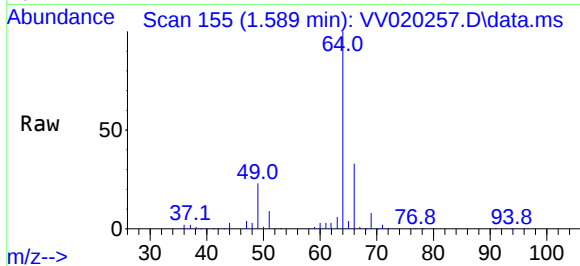




#8
Chloroethane
Concen: 40.61 ug/L
RT: 1.589 min Scan# 155
Delta R.T. 0.000 min
Lab File: VV020257.D
Acq: 03 Feb 2021 15:28

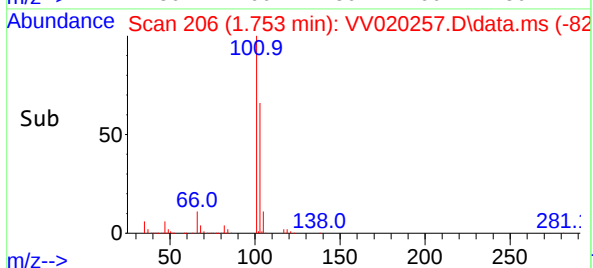
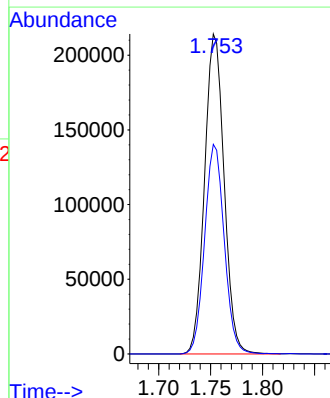
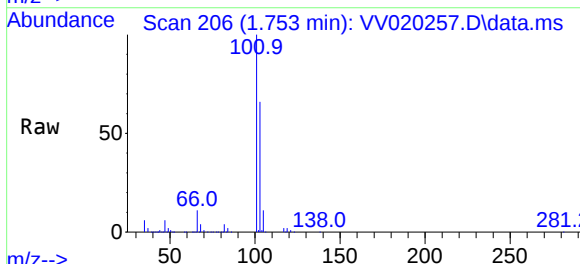
Instrument :
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ClientSampled :

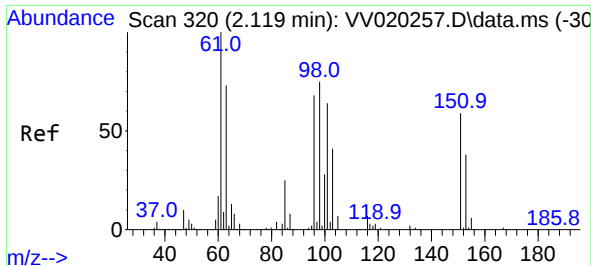
Tgt Ion: 64 Resp: 102701
Ion Ratio Lower Upper
64 100
66 32.9 22.4 41.6



#9
Trichlorofluoromethane
Concen: 46.21 ug/L
RT: 1.753 min Scan# 206
Delta R.T. 0.000 min
Lab File: VV020257.D
Acq: 03 Feb 2021 15:28

Tgt Ion:101 Resp: 279919
Ion Ratio Lower Upper
101 100
103 65.8 51.7 77.5

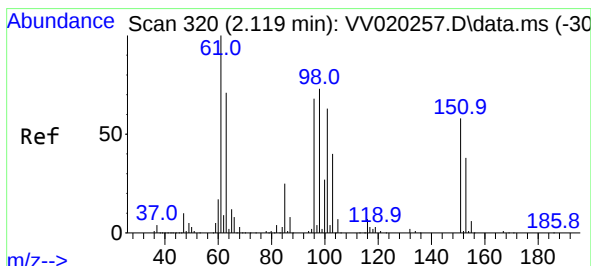
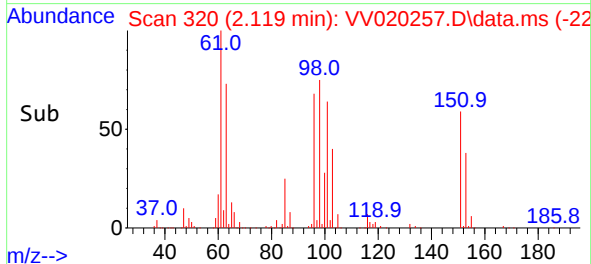
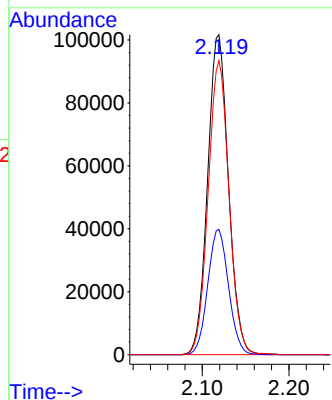
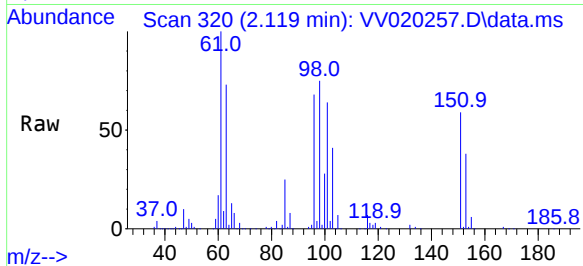




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 52.20 ug/L
RT: 2.119 min Scan# 320
Delta R.T. 0.000 min
Lab File: VV020257.D
Acq: 03 Feb 2021 15:28

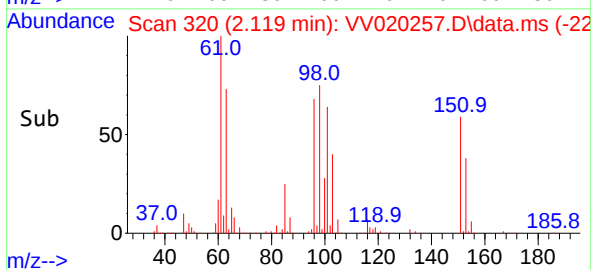
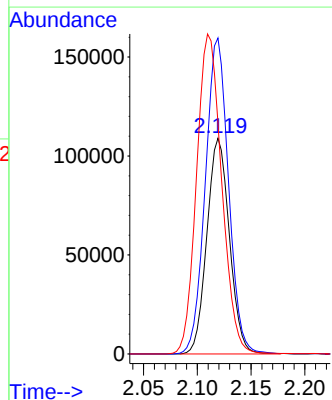
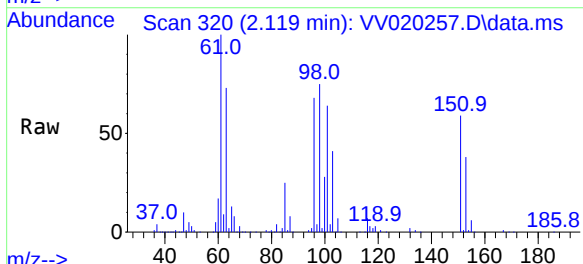
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ClientSampleId :

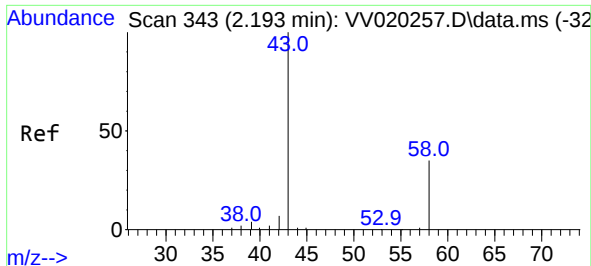
Tgt Ion:101 Resp: 170393
Ion Ratio Lower Upper
101 100
85 39.0 35.3 52.9
151 91.9 53.6 80.4#



#12
1,1-Dichloroethene
Concen: 50.61 ug/L
RT: 2.119 min Scan# 320
Delta R.T. 0.000 min
Lab File: VV020257.D
Acq: 03 Feb 2021 15:28

Tgt Ion: 96 Resp: 158489
Ion Ratio Lower Upper
96 100
61 146.5 134.9 250.5
63 107.2 117.6 218.4#

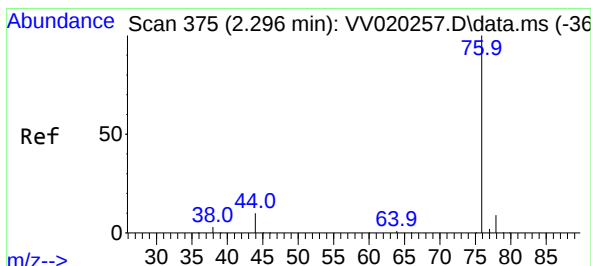
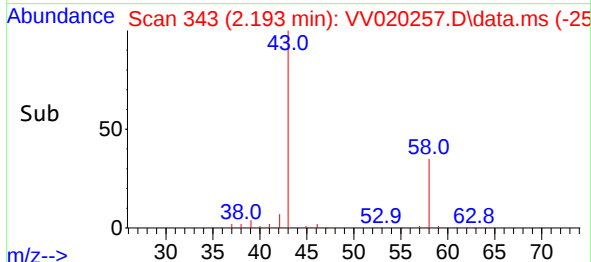
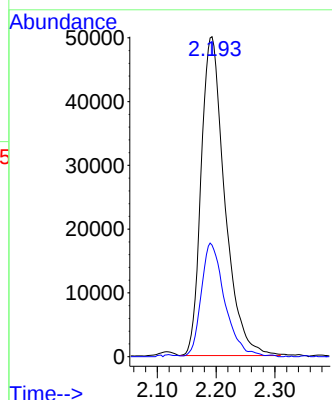
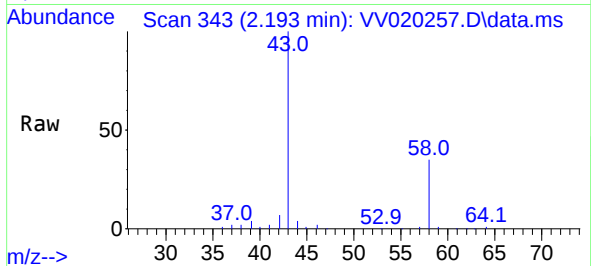




#13
Acetone
Concen: 88.10 ug/L
RT: 2.193 min Scan# 343
Delta R.T. 0.000 min
Lab File: VV020257.D
Acq: 03 Feb 2021 15:28

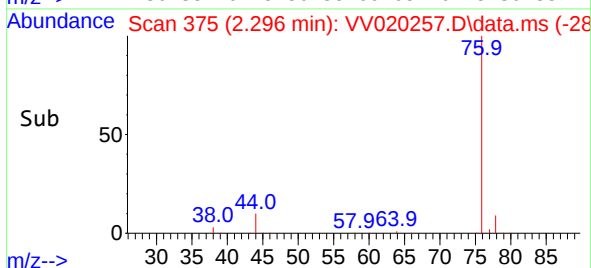
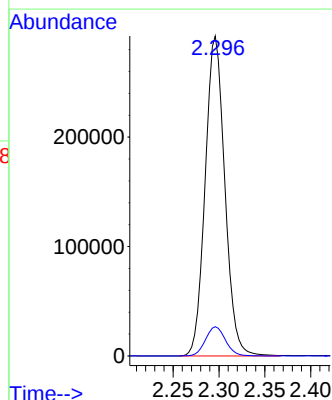
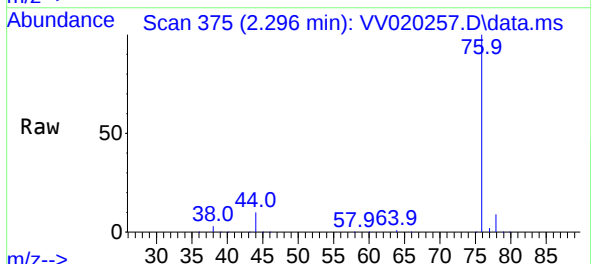
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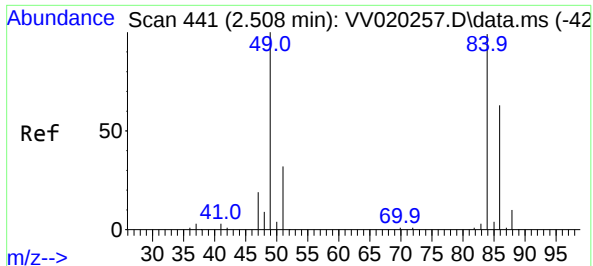
Tgt Ion: 43 Resp: 139483
Ion Ratio Lower Upper
43 100
58 34.2 0.0 60.2



#14
Carbon disulfide
Concen: 45.16 ug/L
RT: 2.296 min Scan# 375
Delta R.T. 0.000 min
Lab File: VV020257.D
Acq: 03 Feb 2021 15:28

Tgt Ion: 76 Resp: 436587
Ion Ratio Lower Upper
76 100
78 9.2 7.2 10.8

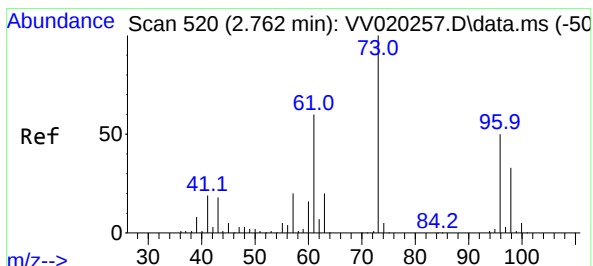
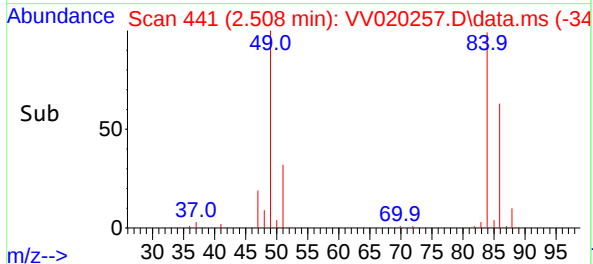
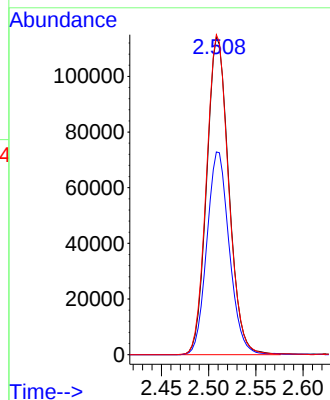
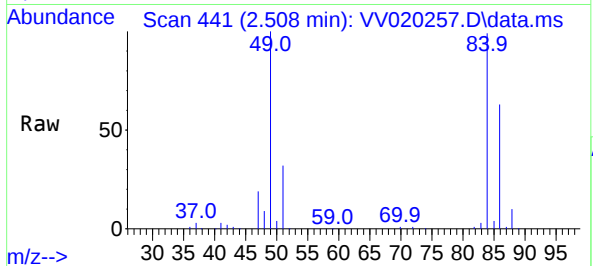




#16
Methylene chloride
Concen: 47.58 ug/L
RT: 2.508 min Scan# 441
Delta R.T. 0.000 min
Lab File: VV020257.D
Acq: 03 Feb 2021 15:28

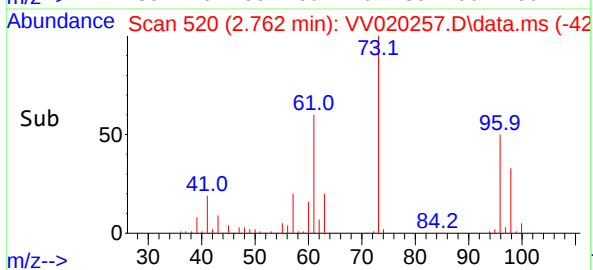
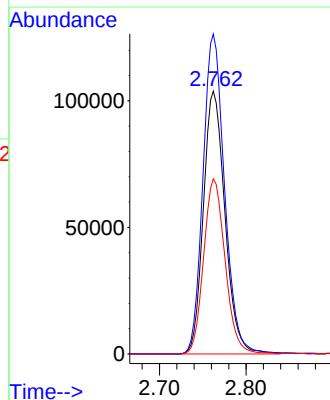
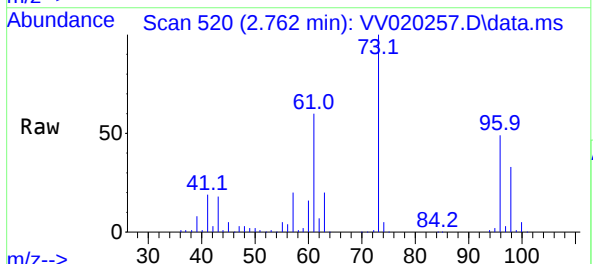
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MSVOA_V
ClientSampleId :

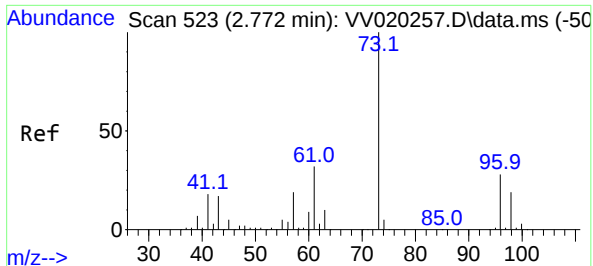
Tgt Ion: 84 Resp: 186169
Ion Ratio Lower Upper
84 100
86 63.8 44.6 82.8
49 100.7 94.6 175.8



#17
trans-1,2-Dichloroethene
Concen: 48.64 ug/L
RT: 2.762 min Scan# 520
Delta R.T. 0.000 min
Lab File: VV020257.D
Acq: 03 Feb 2021 15:28

Tgt Ion: 96 Resp: 180241
Ion Ratio Lower Upper
96 100
61 121.7 103.1 191.5
98 66.6 43.1 80.1

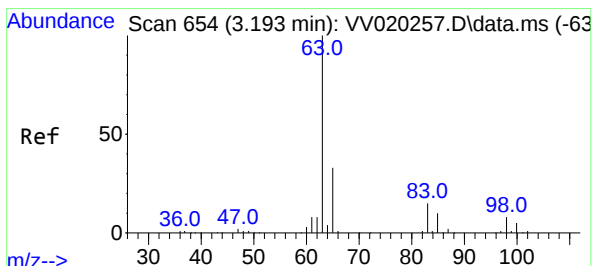
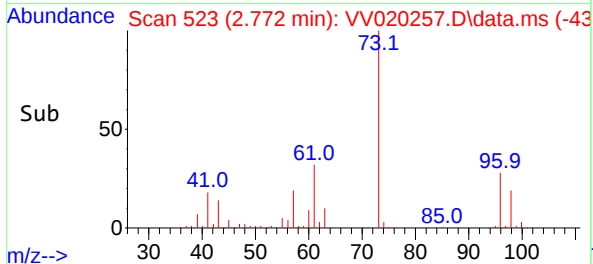
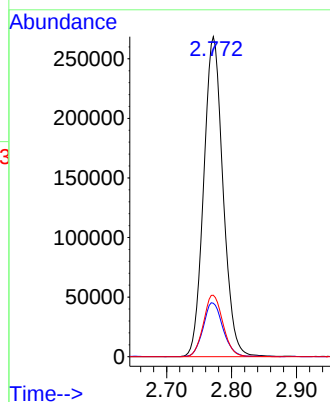
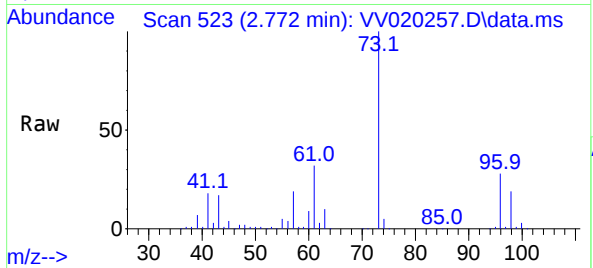




#18
Methyl tert-butyl Ether
Concen: 47.64 ug/L
RT: 2.772 min Scan# 523
Delta R.T. 0.000 min
Lab File: VV020257.D
Acq: 03 Feb 2021 15:28

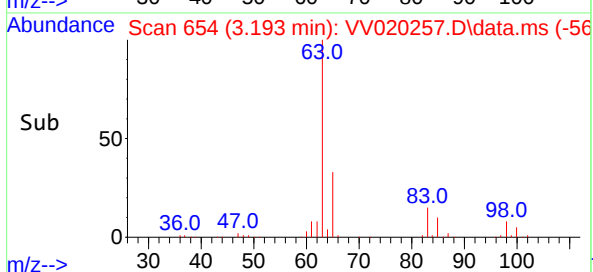
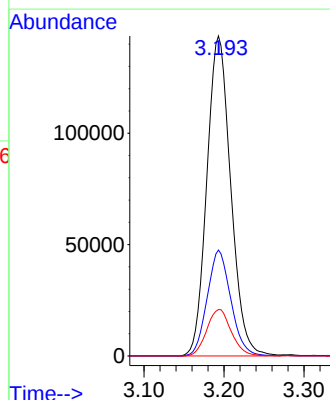
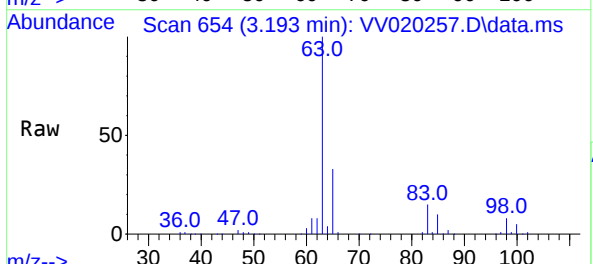
Instrument :
MSVOA_V
ClientSampleId :

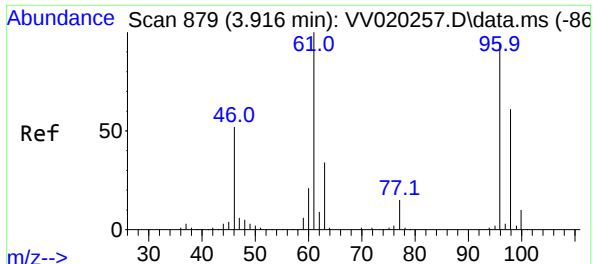
Tgt Ion: 73 Resp: 556143
Ion Ratio Lower Upper
73 100
43 17.2 17.3 25.9#
57 19.4 17.9 26.9



#19
1,1-Dichloroethane
Concen: 44.29 ug/L
RT: 3.193 min Scan# 654
Delta R.T. 0.000 min
Lab File: VV020257.D
Acq: 03 Feb 2021 15:28

Tgt Ion: 63 Resp: 298280
Ion Ratio Lower Upper
63 100
65 33.1 21.9 40.7
83 14.5 9.5 17.7

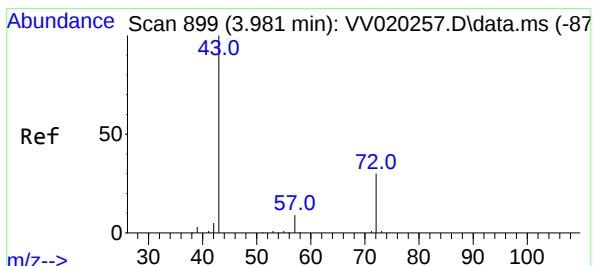
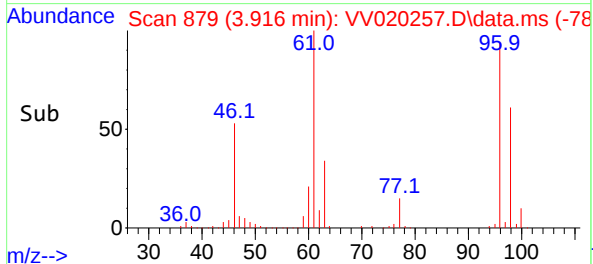
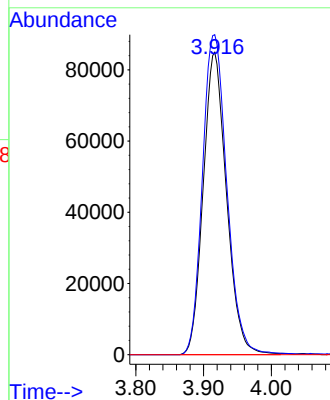
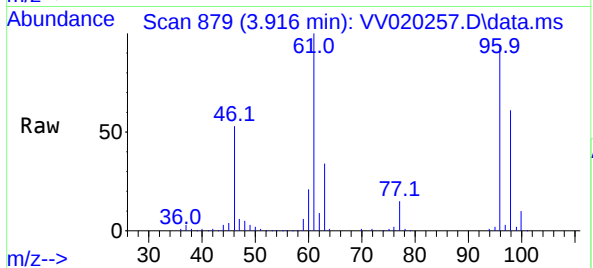




#20
cis-1,2-Dichloroethene
Concen: 49.11 ug/L
RT: 3.916 min Scan# 879
Delta R.T. 0.000 min
Lab File: VV020257.D
Acq: 03 Feb 2021 15:28

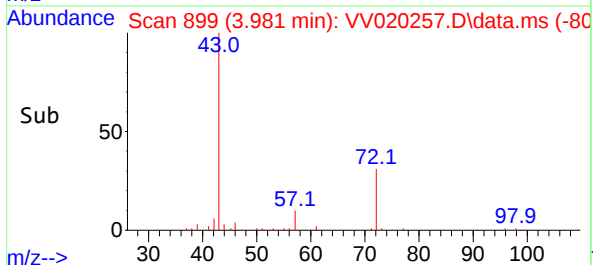
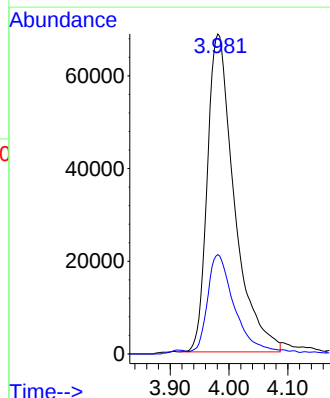
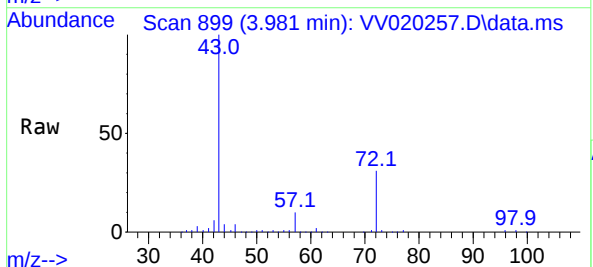
Instrument :
MSVOA_V
ClientSampleId :

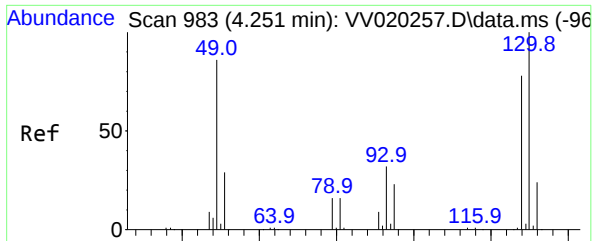
Tgt Ion: 96 Resp: 202991
Ion Ratio Lower Upper
96 100
61 105.8 96.9 179.9
68 0.0 0.0 0.0



#22
2-Butanone
Concen: 77.75 ug/L
RT: 3.981 min Scan# 899
Delta R.T. 0.000 min
Lab File: VV020257.D
Acq: 03 Feb 2021 15:28

Tgt Ion: 43 Resp: 219094
Ion Ratio Lower Upper
43 100
72 30.0 12.2 36.6

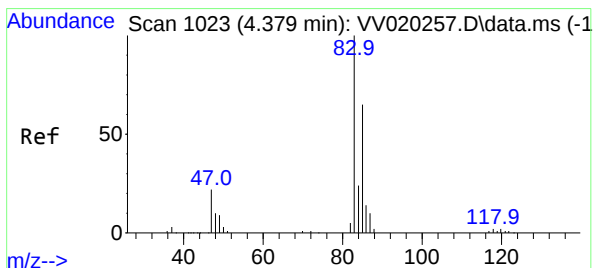
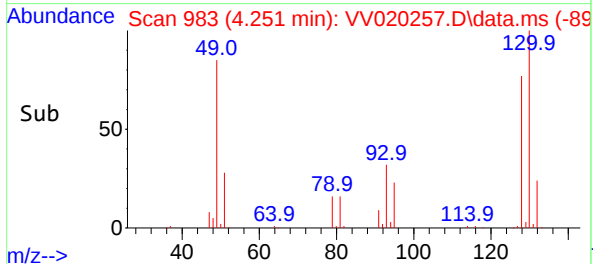
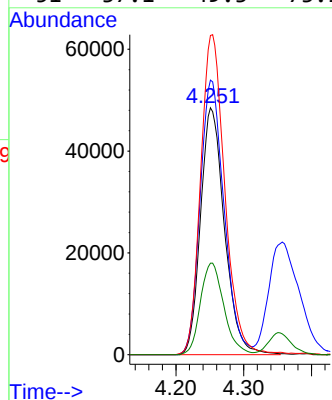
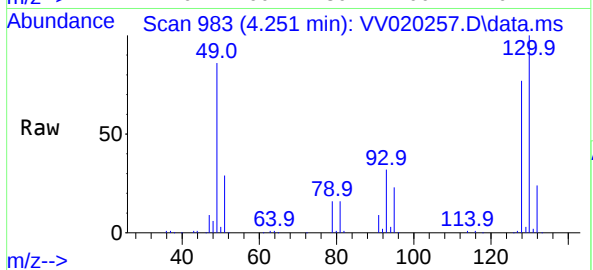




#23
Bromochloromethane
Concen: 52.72 ug/L
RT: 4.251 min Scan# 983
Delta R.T. 0.000 min
Lab File: VV020257.D
Acq: 03 Feb 2021 15:28

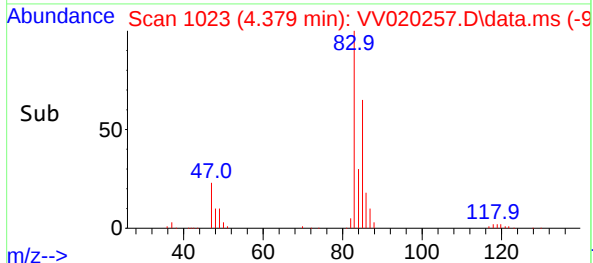
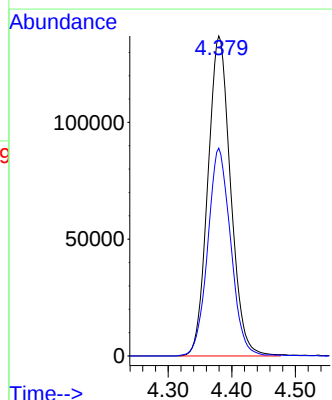
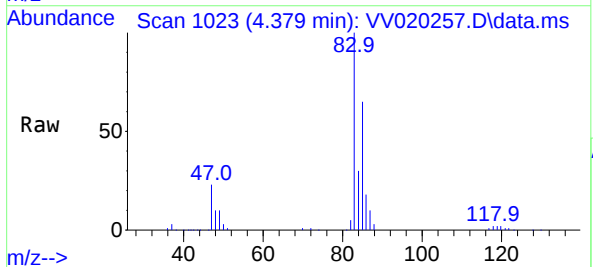
Instrument :
MSVOA_V
ClientSampleId :

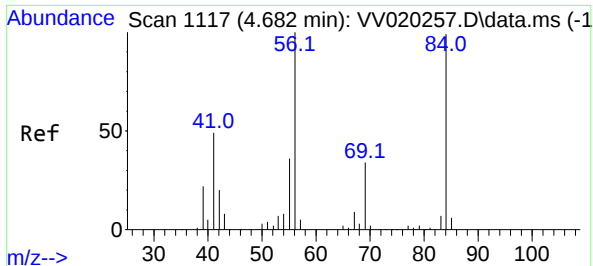
Tgt Ion:128 Resp: 118914
Ion Ratio Lower Upper
128 100
49 111.2 133.1 247.1#
130 129.3 89.0 165.4
51 37.1 49.3 73.9#



#25
Chloroform
Concen: 46.57 ug/L
RT: 4.379 min Scan# 1023
Delta R.T. 0.000 min
Lab File: VV020257.D
Acq: 03 Feb 2021 15:28

Tgt Ion: 83 Resp: 340382
Ion Ratio Lower Upper
83 100
85 65.0 44.2 82.2





#29

Cyclohexane

Concen: 40.98 ug/L

RT: 4.682 min Scan# 1117

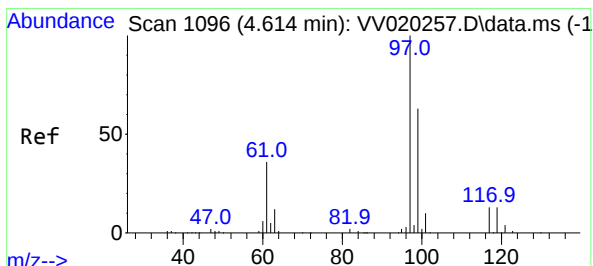
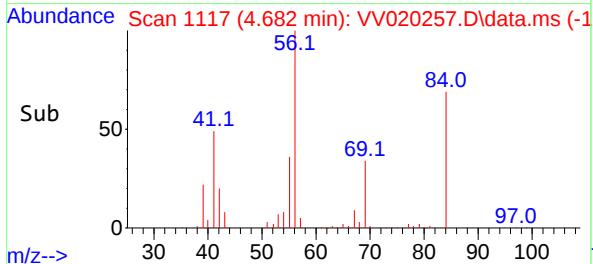
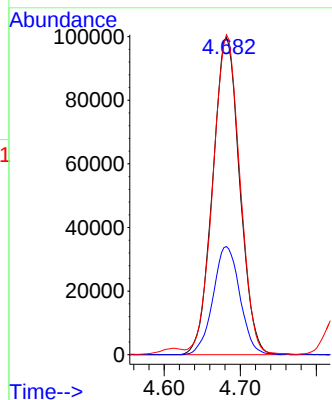
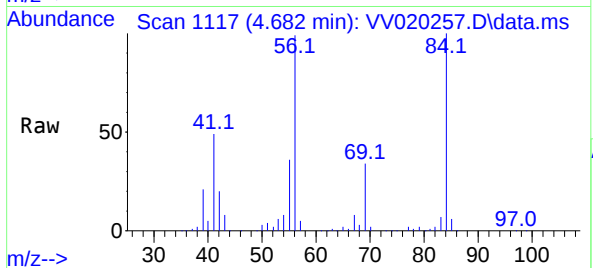
Delta R.T. 0.000 min

Lab File: VV020257.D

Acq: 03 Feb 2021 15:28

Tgt Ion:	56	Resp:	246270
Ion	Ratio	Lower	Upper
56	100		
69	33.9	24.2	36.2
84	100.9	66.3	99.5#

Instrument :
MSVOA_V
ClientSampleId :



#30

1,1,1-Trichloroethane

Concen: 46.12 ug/L

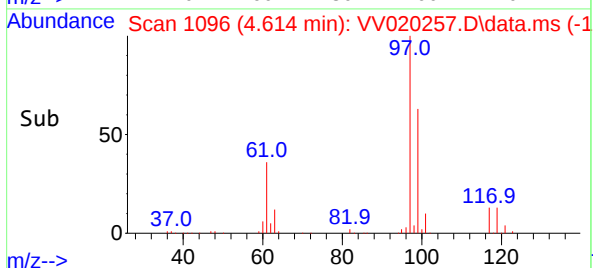
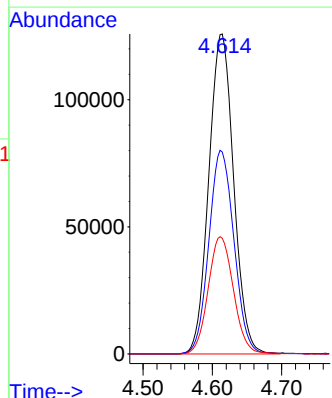
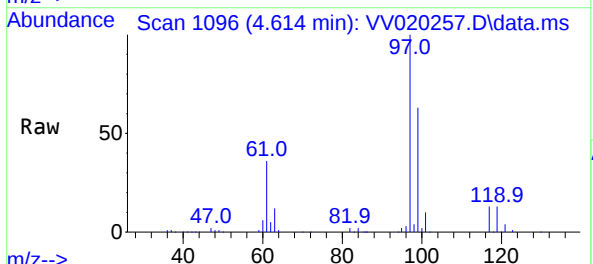
RT: 4.614 min Scan# 1096

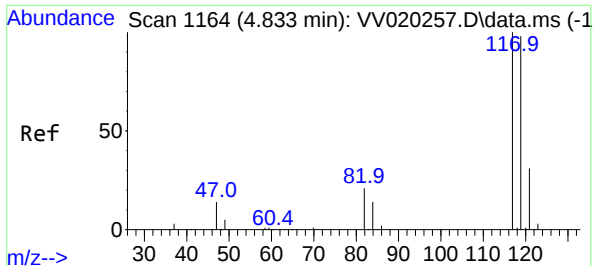
Delta R.T. 0.000 min

Lab File: VV020257.D

Acq: 03 Feb 2021 15:28

Tgt Ion:	97	Resp:	313616
Ion	Ratio	Lower	Upper
97	100		
99	64.4	51.2	76.8
61	37.2	38.5	57.7#

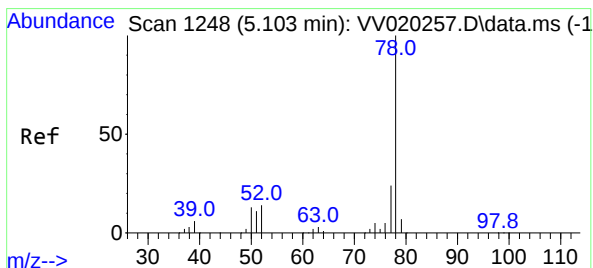
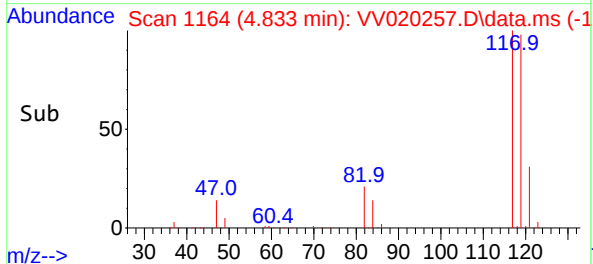
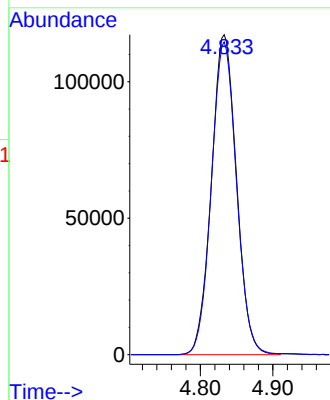
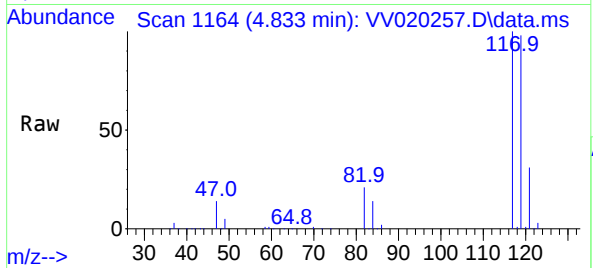




#31
Carbon tetrachloride
Concen: 47.49 ug/L
RT: 4.833 min Scan# 1164
Delta R.T. 0.000 min
Lab File: VV020257.D
Acq: 03 Feb 2021 15:28

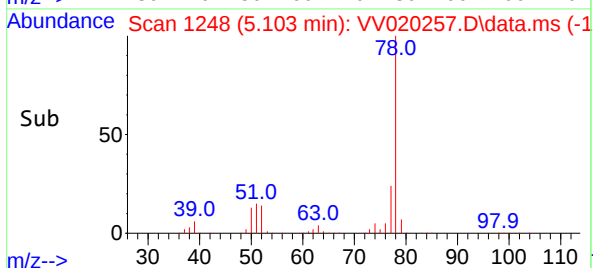
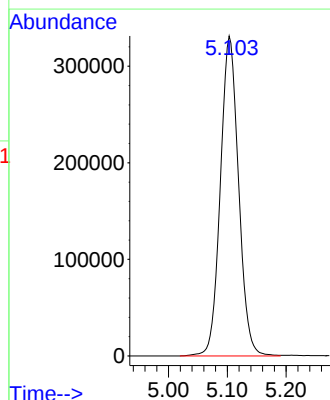
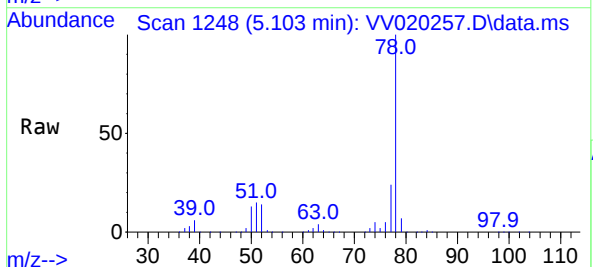
Instrument :
MSVOA_V
ClientSampled :

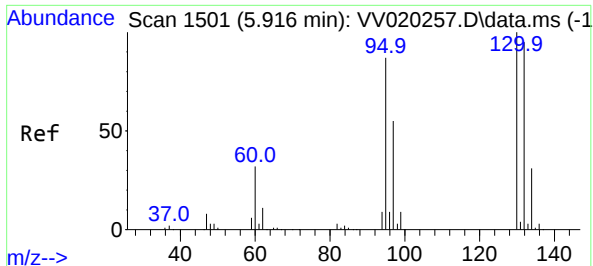
Tgt Ion:117 Resp: 281365
Ion Ratio Lower Upper
117 100
119 97.9 76.3 114.5



#33
Benzene
Concen: 44.57 ug/L
RT: 5.103 min Scan# 1248
Delta R.T. 0.000 min
Lab File: VV020257.D
Acq: 03 Feb 2021 15:28

Tgt Ion: 78 Resp: 712442

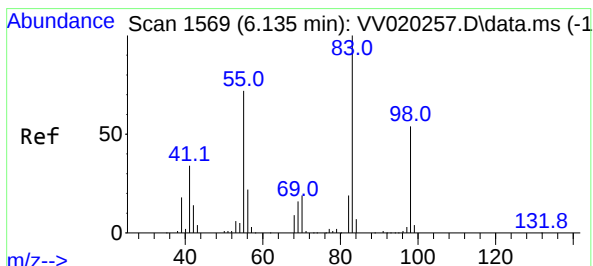
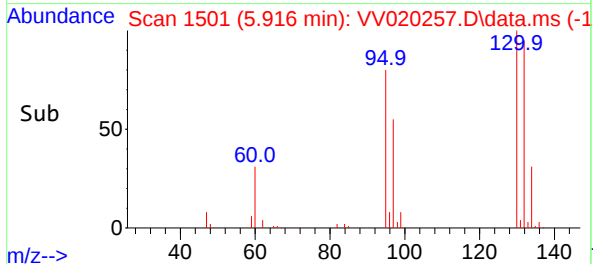
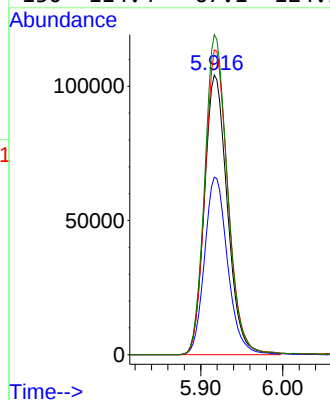
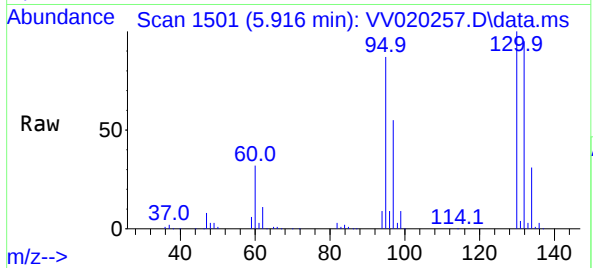




#34
Trichloroethene
Concen: 46.84 ug/L
RT: 5.916 min Scan# 1501
Delta R.T. 0.000 min
Lab File: VV020257.D
Acq: 03 Feb 2021 15:28

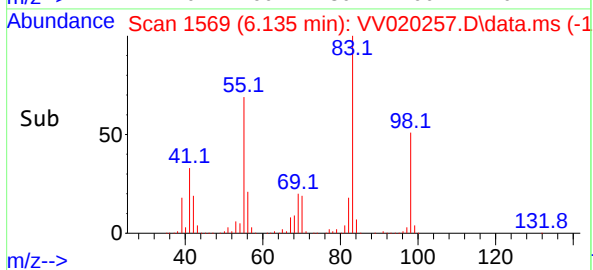
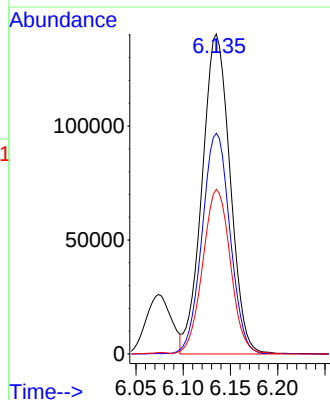
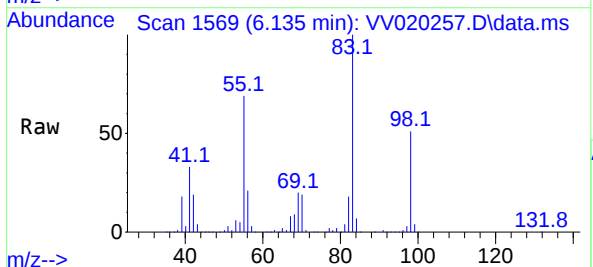
Instrument :
MSVOA_V
ClientSampleId :

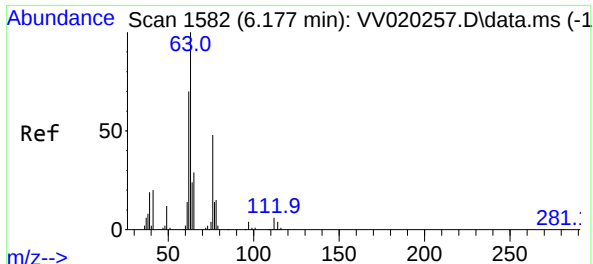
Tgt Ion: 95 Resp: 203340
Ion Ratio Lower Upper
95 100
97 63.4 44.5 82.7
132 109.0 63.4 117.8
130 114.4 67.1 124.5



#35
Methylcyclohexane
Concen: 46.07 ug/L
RT: 6.135 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VV020257.D
Acq: 03 Feb 2021 15:28

Tgt Ion: 83 Resp: 289178
Ion Ratio Lower Upper
83 100
55 68.5 65.1 97.7
98 51.1 38.2 57.2

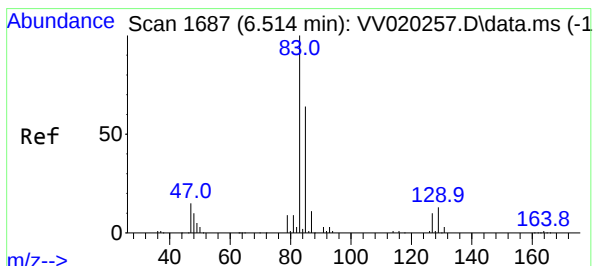
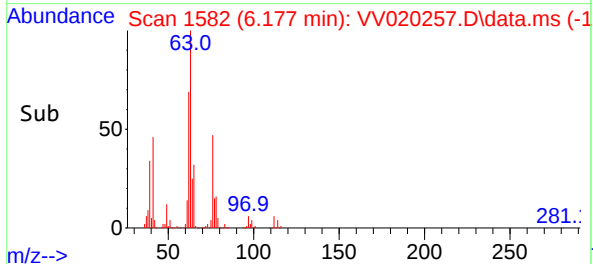
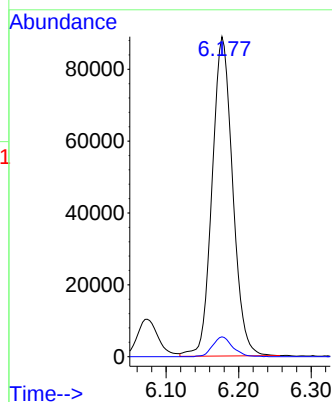
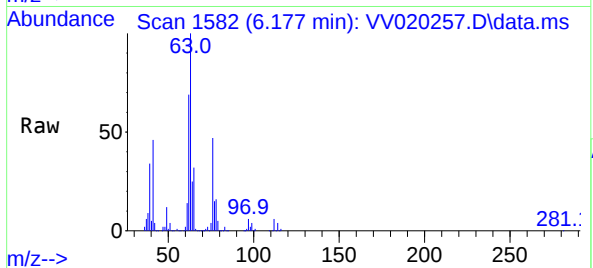




#37
1,2-Dichloropropane
Concen: 44.45 ug/L
RT: 6.177 min Scan# 1582
Delta R.T. 0.000 min
Lab File: VV020257.D
Acq: 03 Feb 2021 15:28

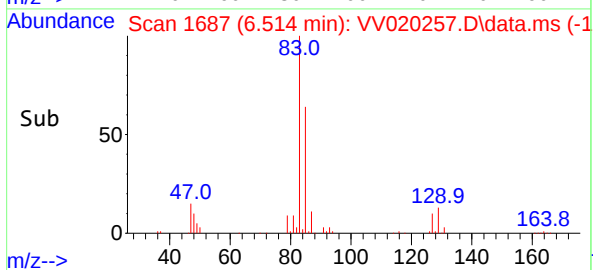
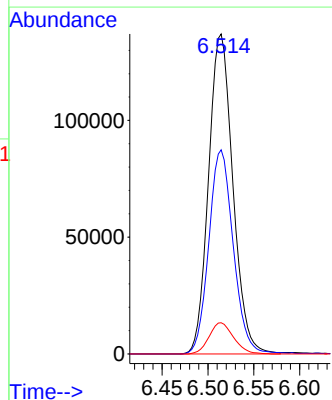
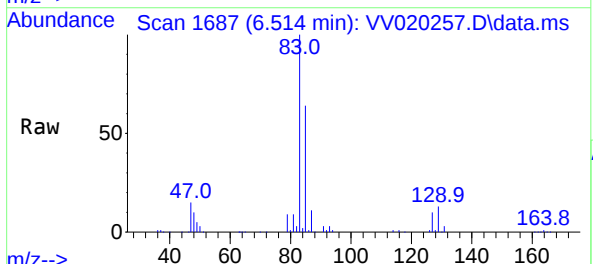
Instrument :
MSVOA_V
ClientSampled :

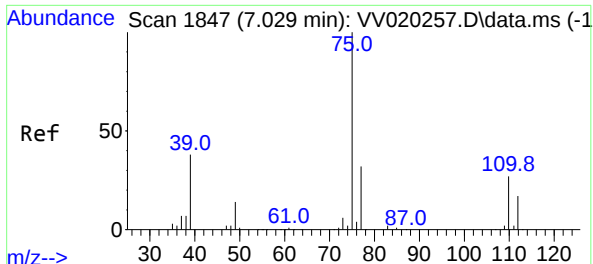
Tgt Ion: 63 Resp: 175192
Ion Ratio Lower Upper
63 100
112 6.0 3.3 4.9#



#38
Bromodichloromethane
Concen: 45.53 ug/L
RT: 6.514 min Scan# 1687
Delta R.T. 0.000 min
Lab File: VV020257.D
Acq: 03 Feb 2021 15:28

Tgt Ion: 83 Resp: 253121
Ion Ratio Lower Upper
83 100
85 63.8 44.5 82.7
127 9.8 6.3 9.5#

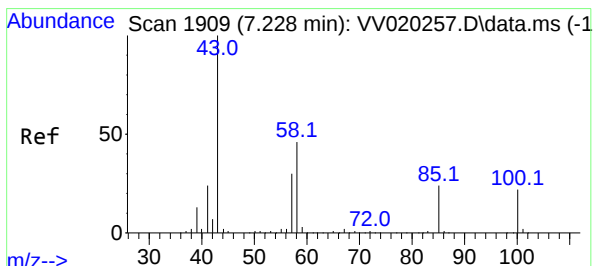
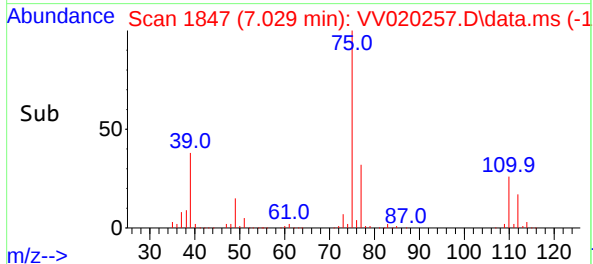
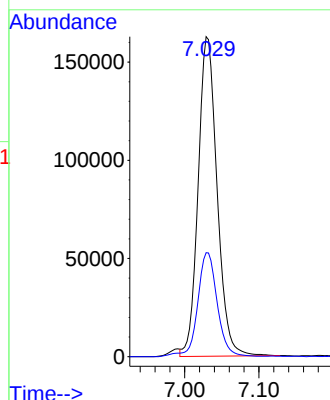
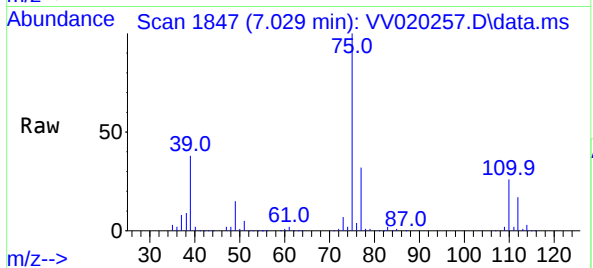




#39
cis-1,3-Dichloropropene
Concen: 45.27 ug/L
RT: 7.029 min Scan# 1847
Delta R.T. 0.000 min
Lab File: VV020257.D
Acq: 03 Feb 2021 15:28

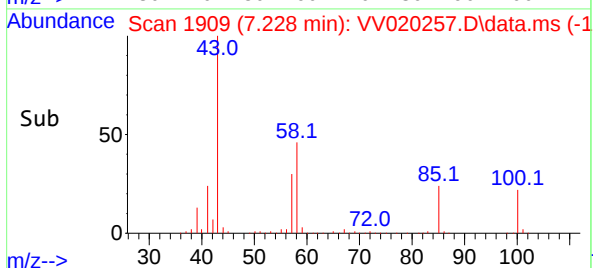
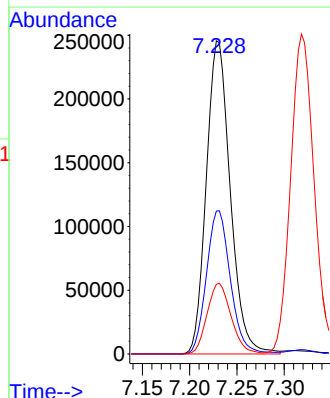
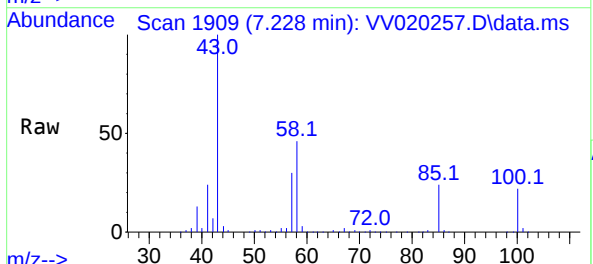
Instrument :
MSVOA_V
ClientSampleId :

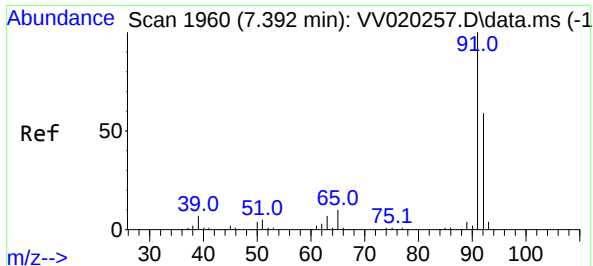
Tgt Ion: 75 Resp: 288234
Ion Ratio Lower Upper
75 100
77 32.5 21.8 40.6



#40
4-Methyl-2-pentanone
Concen: 77.93 ug/L
RT: 7.228 min Scan# 1909
Delta R.T. 0.000 min
Lab File: VV020257.D
Acq: 03 Feb 2021 15:28

Tgt Ion: 43 Resp: 433395
Ion Ratio Lower Upper
43 100
58 45.6 30.7 46.1
100 22.6 11.6 17.4#





#42

Toluene

Concen: 47.11 ug/L

RT: 7.392 min Scan# 1960

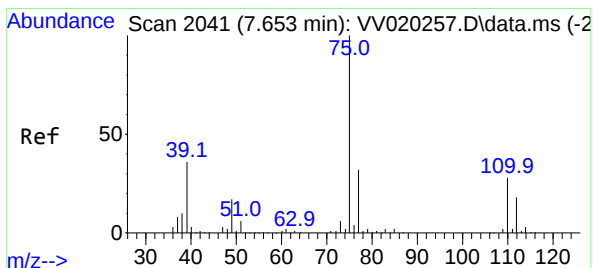
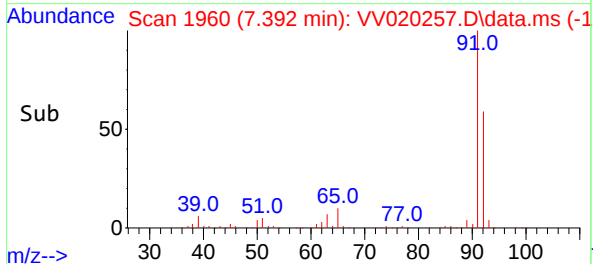
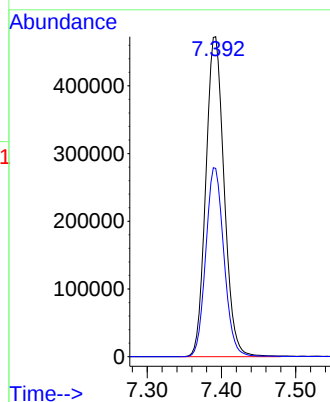
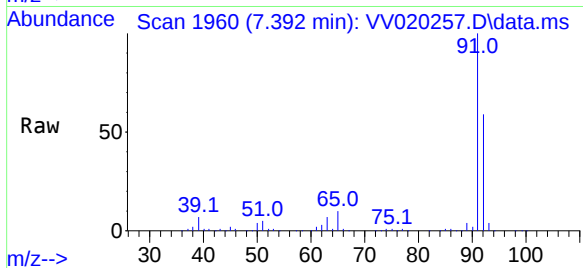
Delta R.T. 0.000 min

Lab File: VV020257.D

Acq: 03 Feb 2021 15:28

Tgt Ion: 91 Resp: 808004

Ion	Ratio	Lower	Upper
91	100		
92	58.8	40.7	75.7



#44

trans-1,3-Dichloropropene

Concen: 45.94 ug/L

RT: 7.653 min Scan# 2041

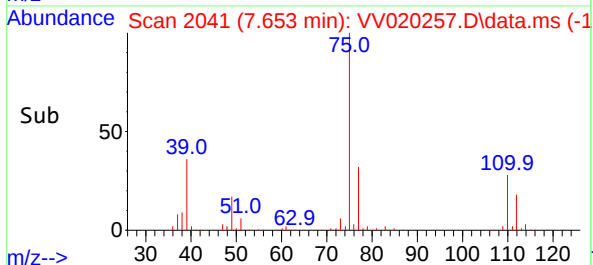
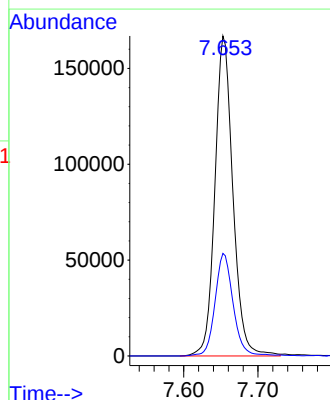
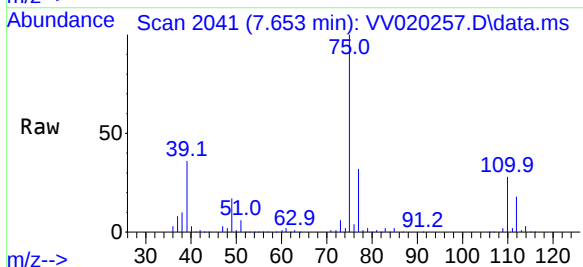
Delta R.T. 0.000 min

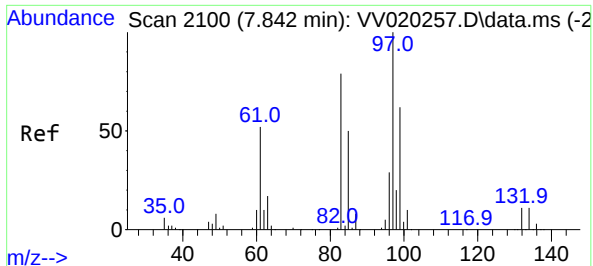
Lab File: VV020257.D

Acq: 03 Feb 2021 15:28

Tgt Ion: 75 Resp: 281055

Ion	Ratio	Lower	Upper
75	100		
77	32.0	22.0	41.0





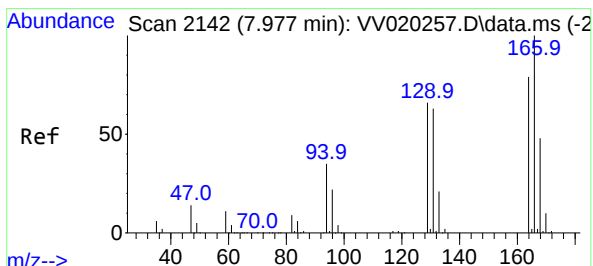
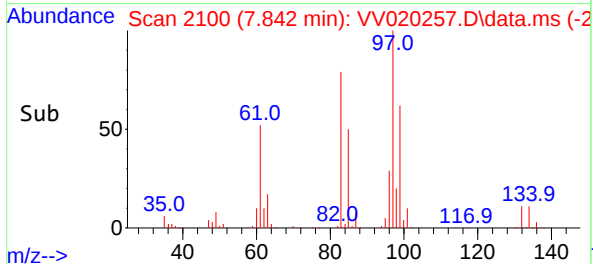
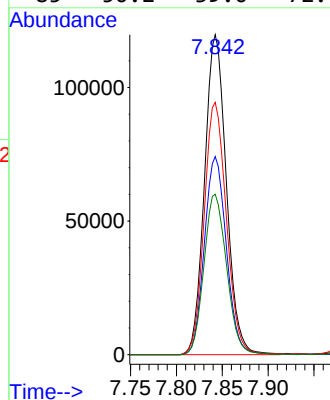
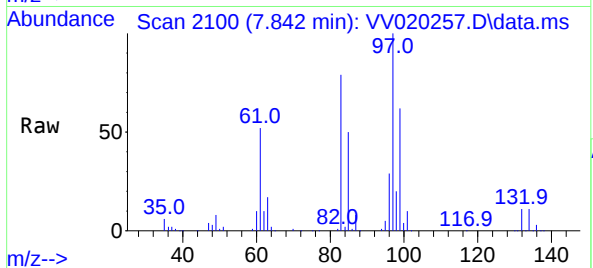
#45

1,1,2-Trichloroethane
Concen: 49.15 ug/L
RT: 7.842 min Scan# 2100
Delta R.T. 0.000 min
Lab File: VV020257.D
Acq: 03 Feb 2021 15:28

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 97 Resp: 198356

Ion	Ratio	Lower	Upper
97	100		
99	61.9	43.8	81.3
83	78.9	62.2	115.4
85	50.2	39.0	72.4

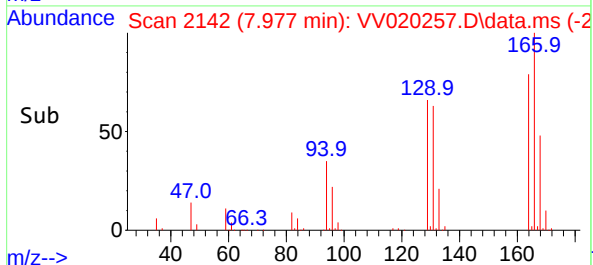
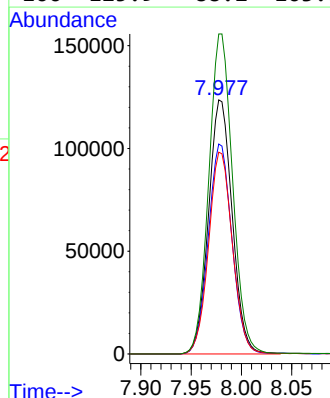
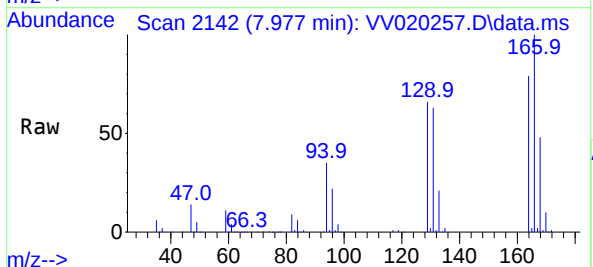


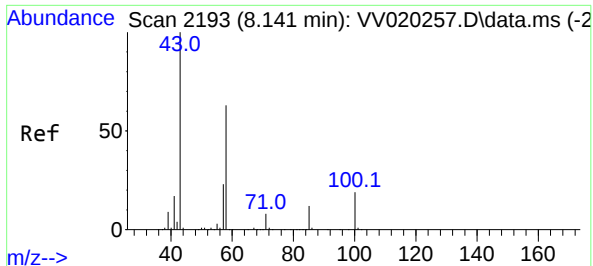
#46

Tetrachloroethene
Concen: 53.80 ug/L
RT: 7.977 min Scan# 2142
Delta R.T. 0.000 min
Lab File: VV020257.D
Acq: 03 Feb 2021 15:28

Tgt Ion: 164 Resp: 202745

Ion	Ratio	Lower	Upper
164	100		
129	82.6	70.6	131.0
131	79.4	66.8	124.0
166	125.9	88.2	163.8

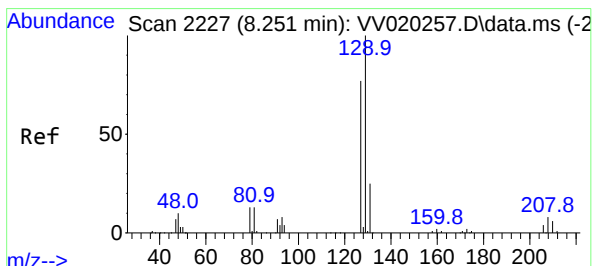
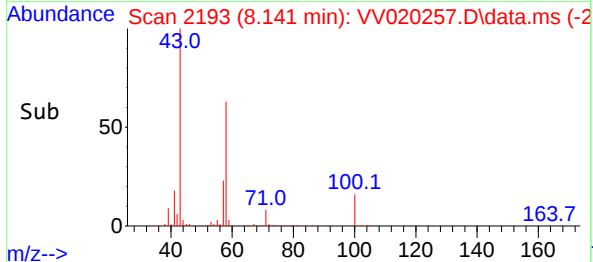
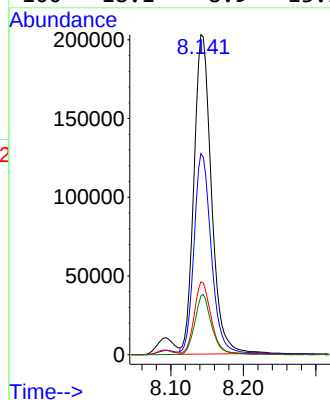
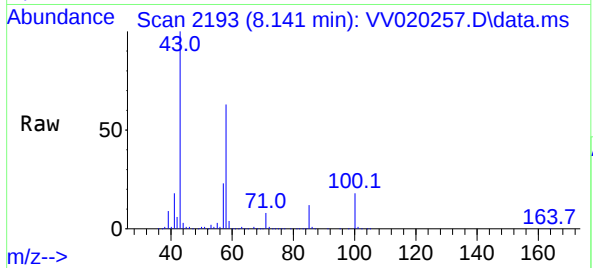




#48
2-Hexanone
Concen: 83.24 ug/L
RT: 8.141 min Scan# 2193
Delta R.T. 0.000 min
Lab File: VV020257.D
Acq: 03 Feb 2021 15:28

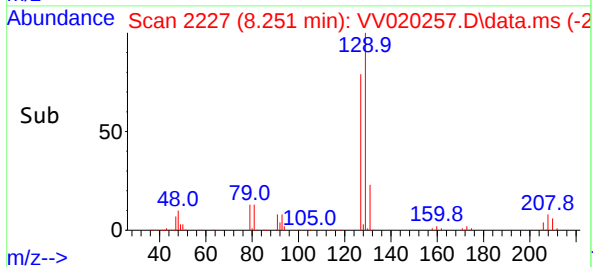
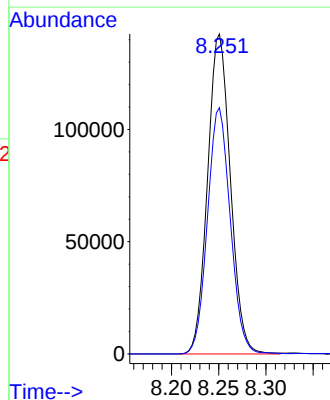
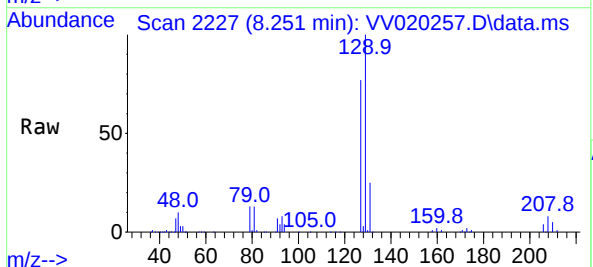
Instrument :
MSVOA_V
ClientSampled :

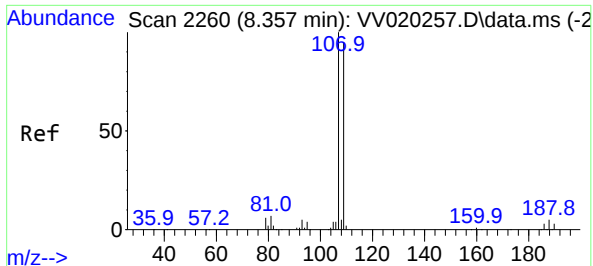
Tgt Ion: 43 Resp: 340536
Ion Ratio Lower Upper
43 100
58 61.0 41.8 62.6
57 22.4 15.0 22.4
100 18.1 8.9 13.3#



#49
Dibromochloromethane
Concen: 52.02 ug/L
RT: 8.251 min Scan# 2227
Delta R.T. 0.000 min
Lab File: VV020257.D
Acq: 03 Feb 2021 15:28

Tgt Ion: 129 Resp: 239478
Ion Ratio Lower Upper
129 100
127 76.9 55.2 102.6

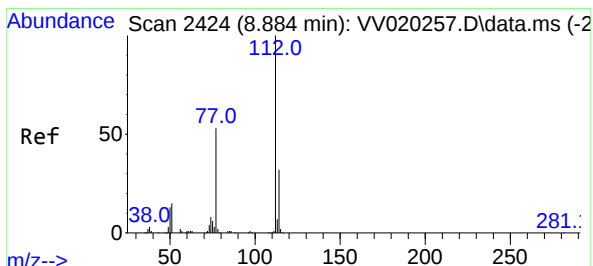
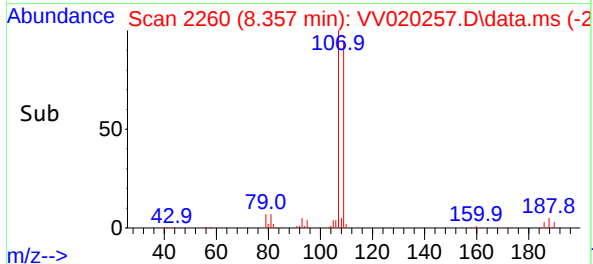
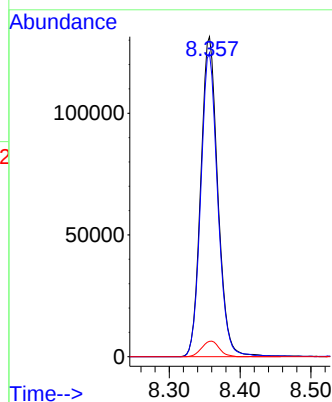
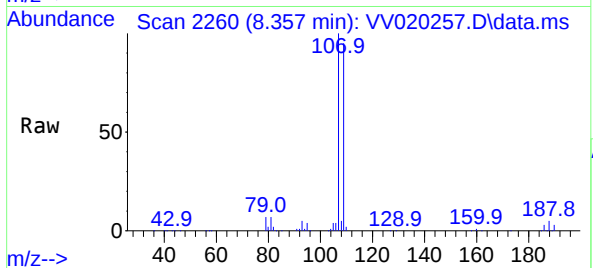




#50
1,2-Dibromoethane
Concen: 49.98 ug/L
RT: 8.357 min Scan# 2260
Delta R.T. 0.000 min
Lab File: VV020257.D
Acq: 03 Feb 2021 15:28

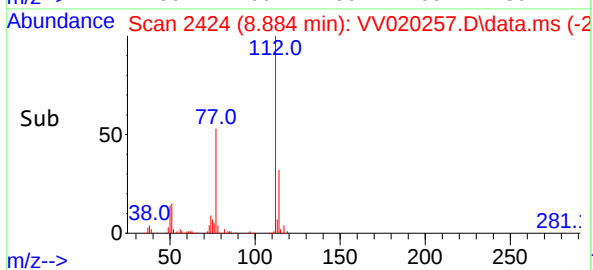
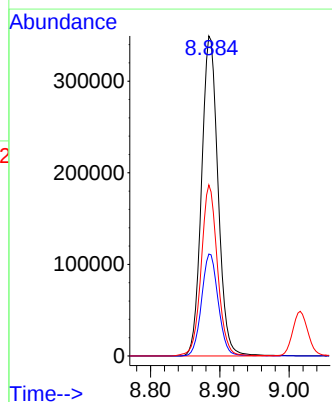
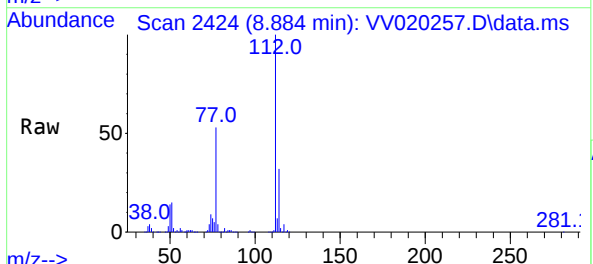
Instrument :
MSVOA_V
ClientSampleId :

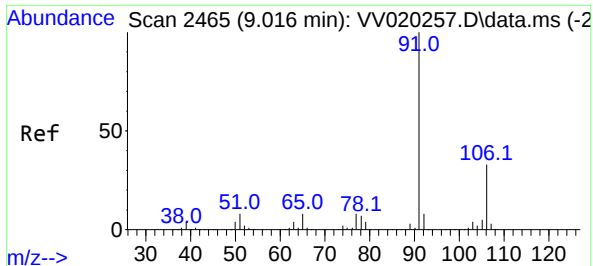
Tgt Ion:107 Resp: 219578
Ion Ratio Lower Upper
107 100
109 94.9 66.2 123.0
188 4.8 2.6 3.8#



#51
Chlorobenzene
Concen: 49.85 ug/L
RT: 8.884 min Scan# 2424
Delta R.T. 0.000 min
Lab File: VV020257.D
Acq: 03 Feb 2021 15:28

Tgt Ion:112 Resp: 575377
Ion Ratio Lower Upper
112 100
114 31.9 22.2 41.2
77 53.5 49.0 73.6

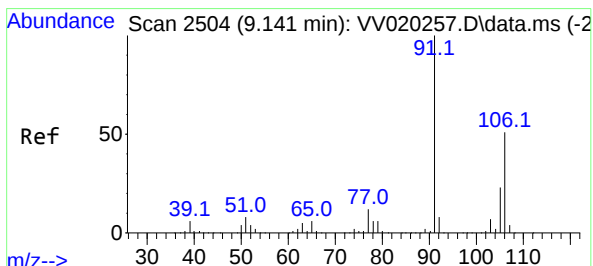
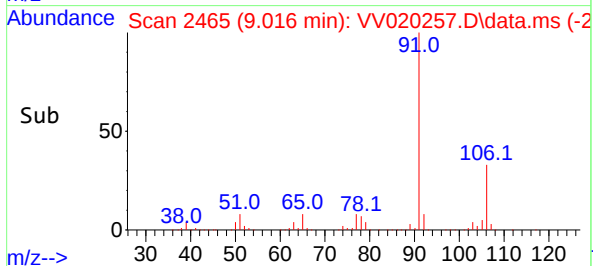
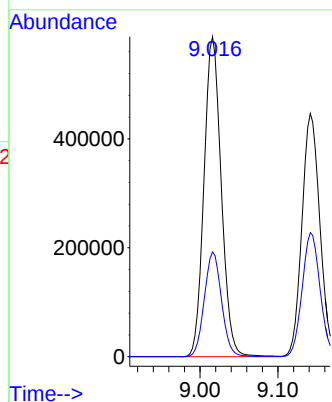
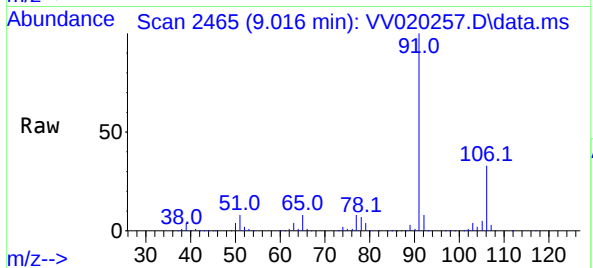




#52
Ethylbenzene
Concen: 48.96 ug/L
RT: 9.016 min Scan# 2465
Delta R.T. 0.000 min
Lab File: VV020257.D
Acq: 03 Feb 2021 15:28

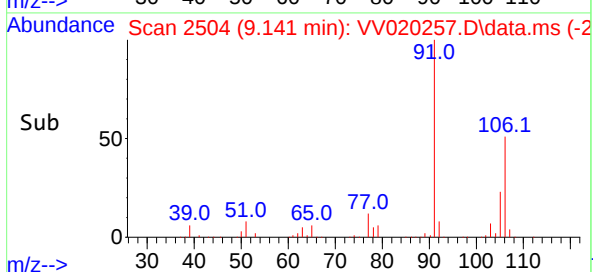
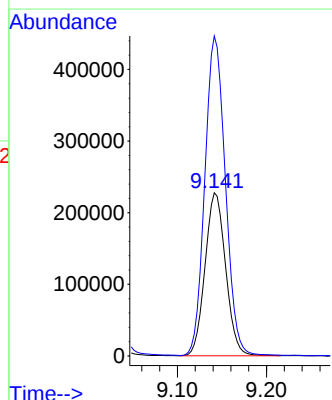
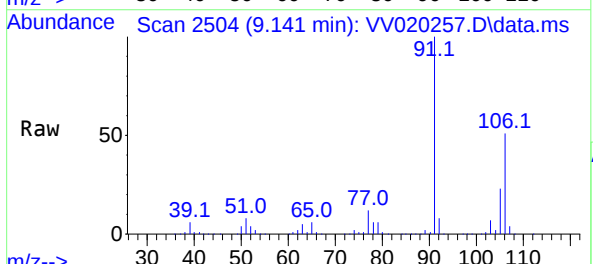
Instrument :
MSVOA_V
ClientSampled :

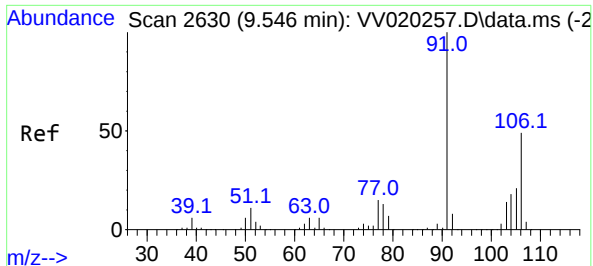
Tgt Ion: 91 Resp: 905357
Ion Ratio Lower Upper
91 100
106 32.8 21.0 39.0



#53
m,p-Xylene
Concen: 50.20 ug/L
RT: 9.141 min Scan# 2504
Delta R.T. 0.000 min
Lab File: VV020257.D
Acq: 03 Feb 2021 15:28

Tgt Ion: 106 Resp: 364398
Ion Ratio Lower Upper
106 100
91 196.1 148.1 275.0

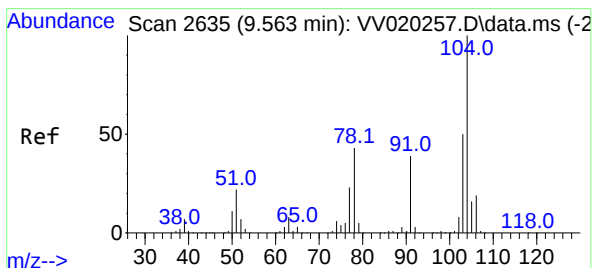
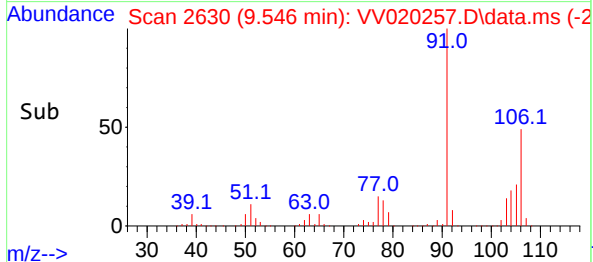
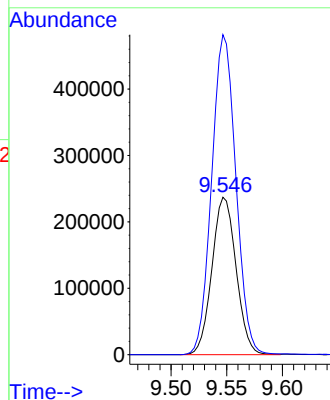
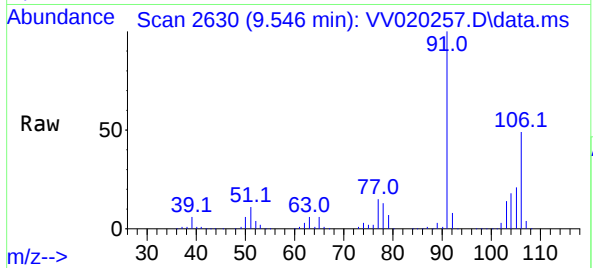




#54
o-xylene
Concen: 51.59 ug/L
RT: 9.546 min Scan# 2630
Delta R.T. 0.000 min
Lab File: VV020257.D
Acq: 03 Feb 2021 15:28

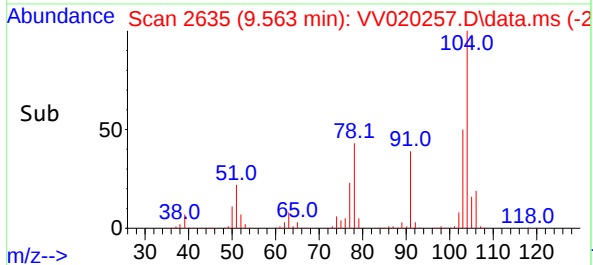
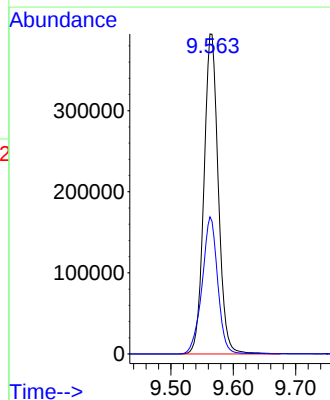
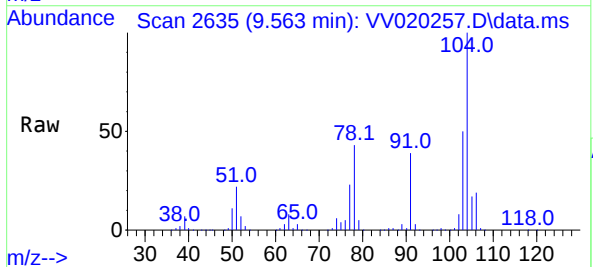
Instrument :
MSVOA_V
ClientSampled :

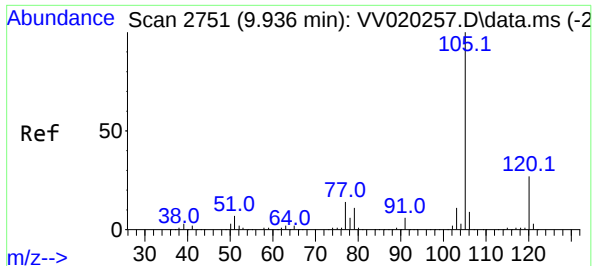
Tgt Ion:106 Resp: 358051
Ion Ratio Lower Upper
106 100
91 203.2 156.4 290.6



#55
Styrene
Concen: 51.83 ug/L
RT: 9.563 min Scan# 2635
Delta R.T. 0.000 min
Lab File: VV020257.D
Acq: 03 Feb 2021 15:28

Tgt Ion:104 Resp: 631908
Ion Ratio Lower Upper
104 100
78 42.8 33.7 62.5



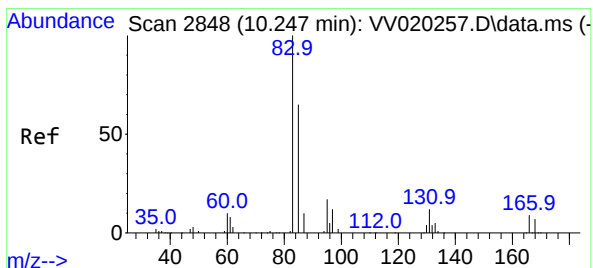
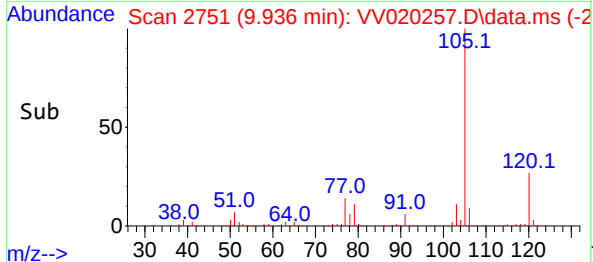
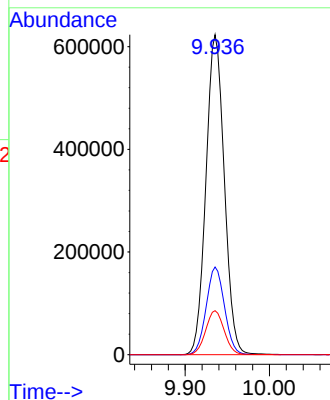
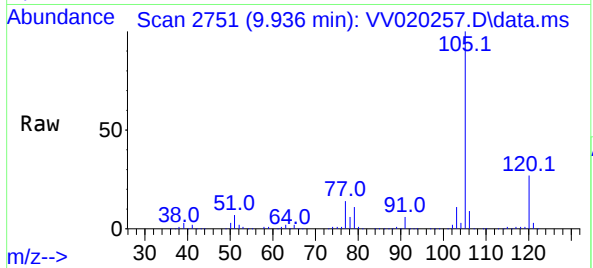


#56
Isopropylbenzene
Concen: 51.32 ug/L
RT: 9.936 min Scan# 2751
Delta R.T. 0.000 min
Lab File: VV020257.D
Acq: 03 Feb 2021 15:28

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:105 Resp: 945802

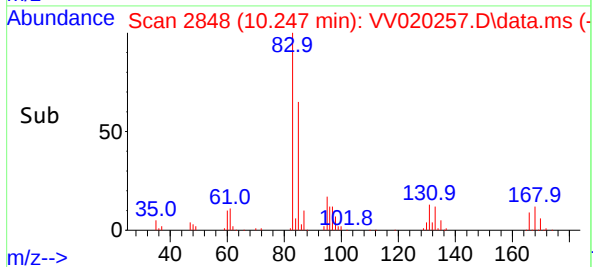
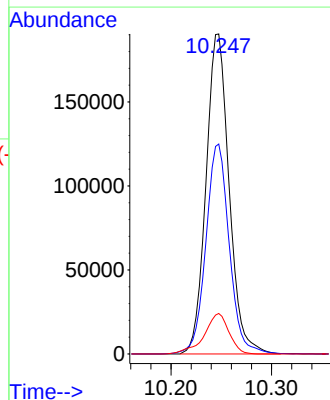
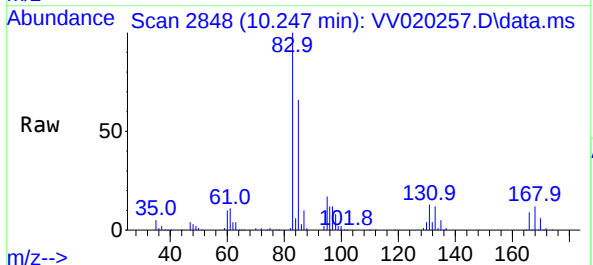
Ion	Ratio	Lower	Upper
105	100		
120	27.3	20.5	30.7
77	14.0	13.6	20.4

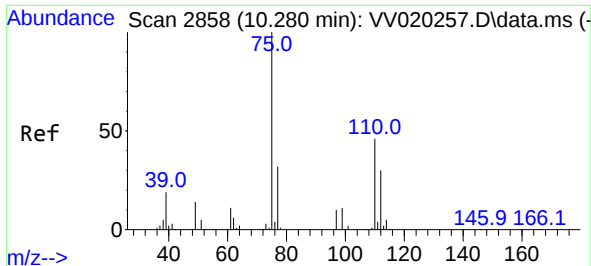


#58
1,1,2,2-Tetrachloroethane
Concen: 46.06 ug/L
RT: 10.247 min Scan# 2848
Delta R.T. 0.000 min
Lab File: VV020257.D
Acq: 03 Feb 2021 15:28

Tgt Ion: 83 Resp: 304443

Ion	Ratio	Lower	Upper
83	100		
85	65.6	44.3	82.3
131	12.7	7.3	10.9#

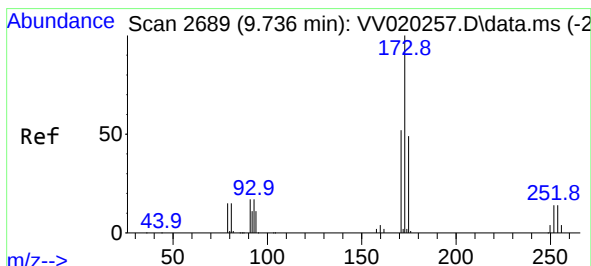
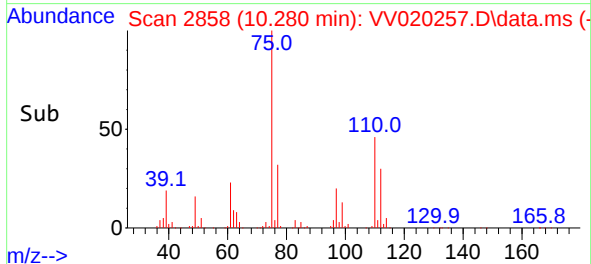
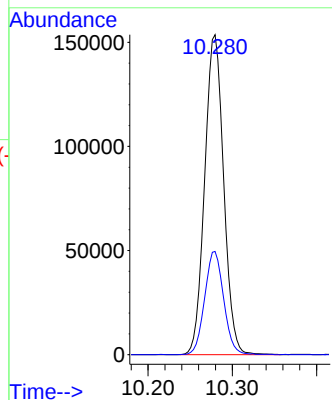
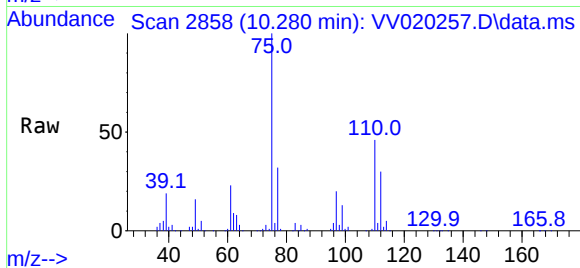




#59
1,2,3-Trichloropropane
Concen: 44.95 ug/L
RT: 10.280 min Scan# 2858
Delta R.T. 0.000 min
Lab File: VV020257.D
Acq: 03 Feb 2021 15:28

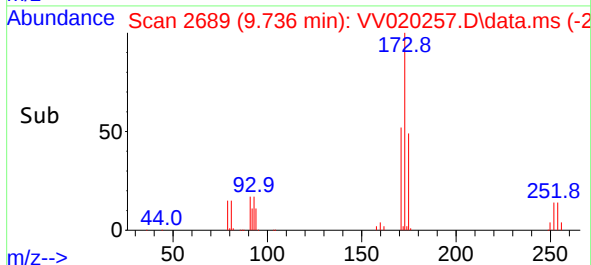
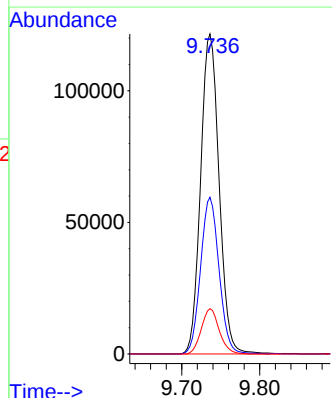
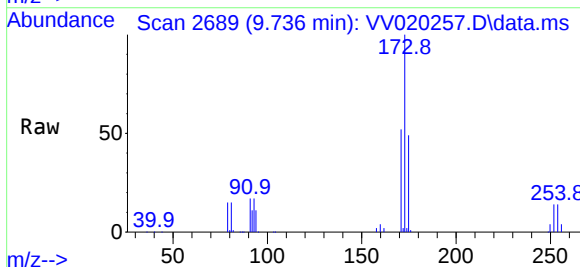
Instrument :
MSVOA_V
ClientSampleId :

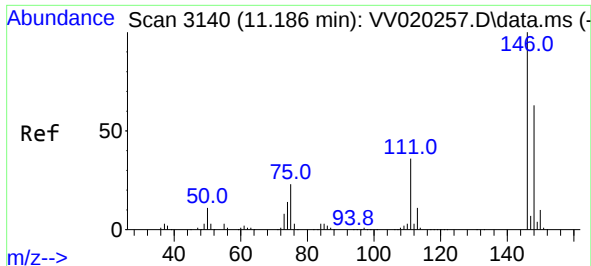
Tgt Ion: 75 Resp: 241185
Ion Ratio Lower Upper
75 100
77 32.2 25.4 38.0



#61
Bromoform
Concen: 53.47 ug/L
RT: 9.736 min Scan# 2689
Delta R.T. 0.000 min
Lab File: VV020257.D
Acq: 03 Feb 2021 15:28

Tgt Ion: 173 Resp: 200148
Ion Ratio Lower Upper
173 100
175 49.0 38.6 57.8
254 13.7 6.5 9.7#

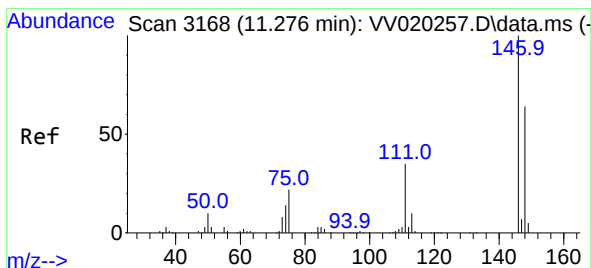
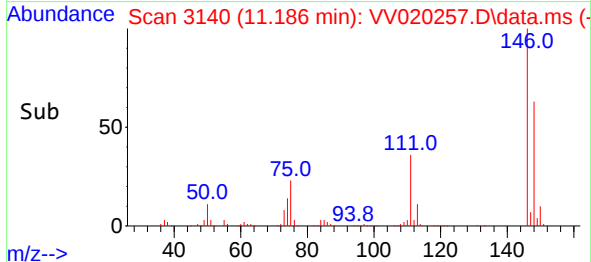
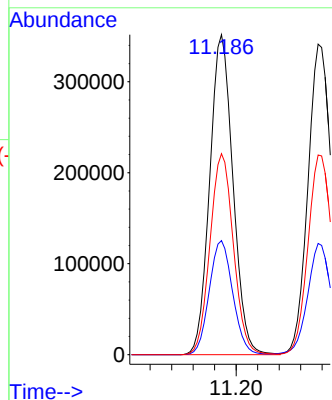
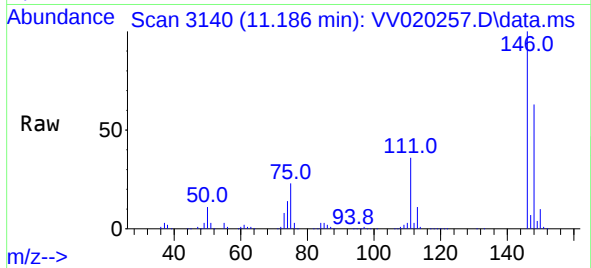




#62
1,3-Dichlorobenzene
Concen: 51.26 ug/L
RT: 11.186 min Scan# 3140
Delta R.T. 0.000 min
Lab File: VV020257.D
Acq: 03 Feb 2021 15:28

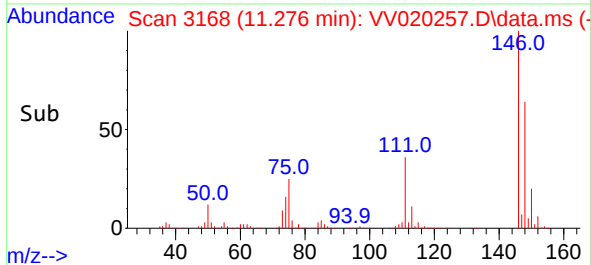
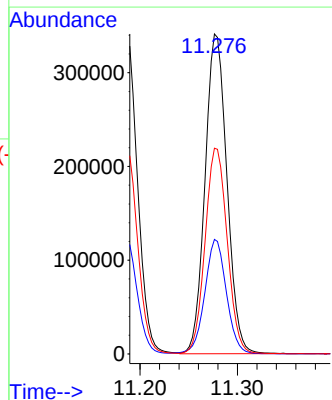
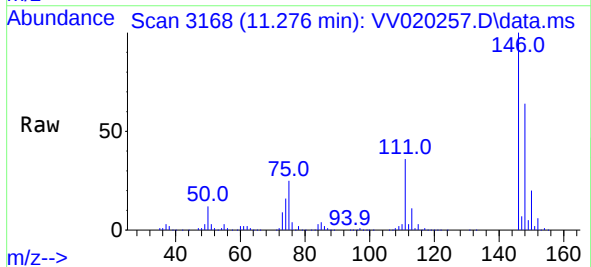
Instrument :
MSVOA_V
ClientSampleId :

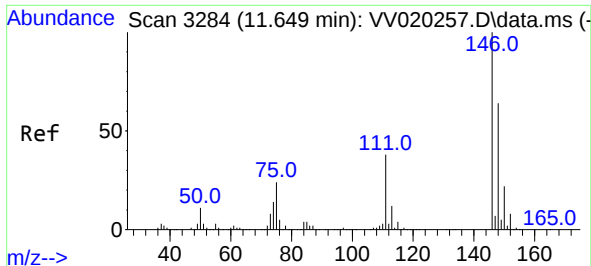
Tgt Ion:146 Resp: 527495
Ion Ratio Lower Upper
146 100
111 35.6 30.2 56.2
148 62.8 45.0 83.6



#63
1,4-Dichlorobenzene
Concen: 50.10 ug/L
RT: 11.276 min Scan# 3168
Delta R.T. 0.000 min
Lab File: VV020257.D
Acq: 03 Feb 2021 15:28

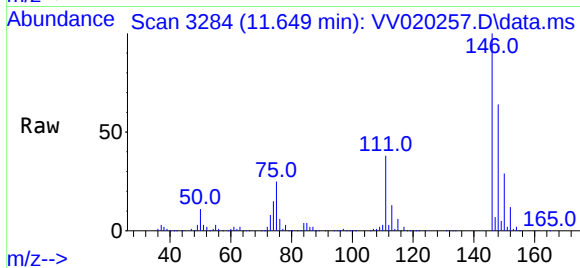
Tgt Ion:146 Resp: 532391
Ion Ratio Lower Upper
146 100
111 35.8 29.4 54.6
148 64.3 44.7 83.1



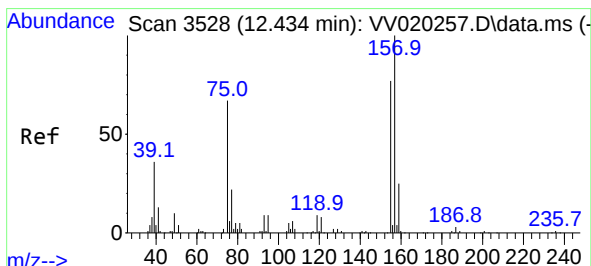
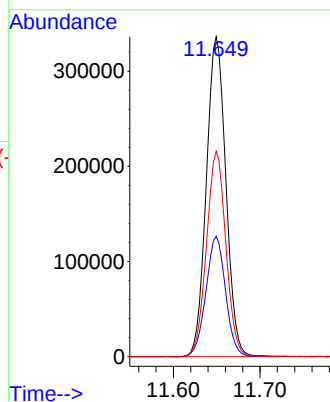
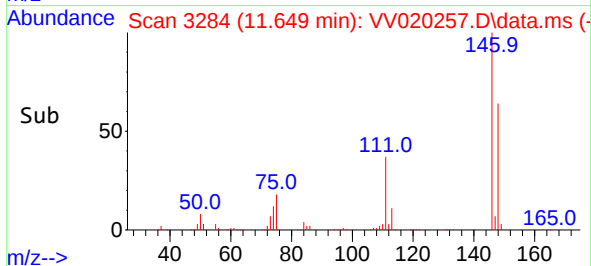


#65
1,2-Dichlorobenzene
Concen: 50.60 ug/L
RT: 11.649 min Scan# 3284
Delta R.T. 0.000 min
Lab File: VV020257.D
Acq: 03 Feb 2021 15:28

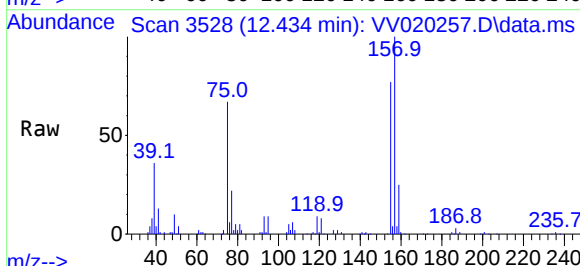
Instrument :
MSVOA_V
ClientSampled :



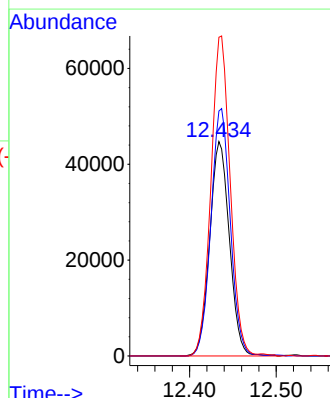
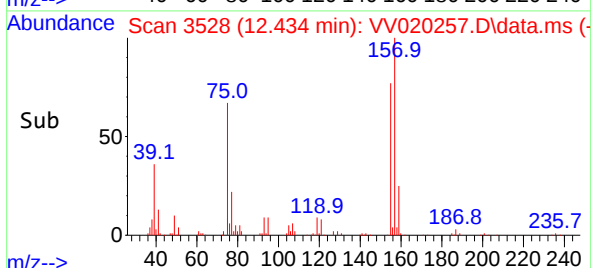
Tgt Ion:146 Resp: 526540
Ion Ratio Lower Upper
146 100
111 37.6 36.3 54.5
148 64.1 51.7 77.5

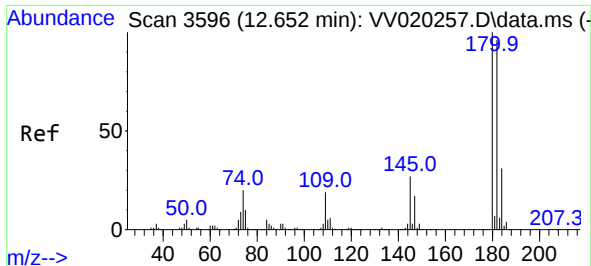


#66
1,2-Dibromo-3-chloropropane
Concen: 44.89 ug/L
RT: 12.434 min Scan# 3528
Delta R.T. 0.000 min
Lab File: VV020257.D
Acq: 03 Feb 2021 15:28



Tgt Ion: 75 Resp: 70567
Ion Ratio Lower Upper
75 100
155 114.3 59.1 88.7#
157 148.7 75.4 113.0#



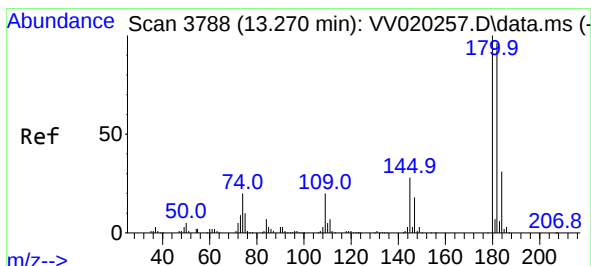
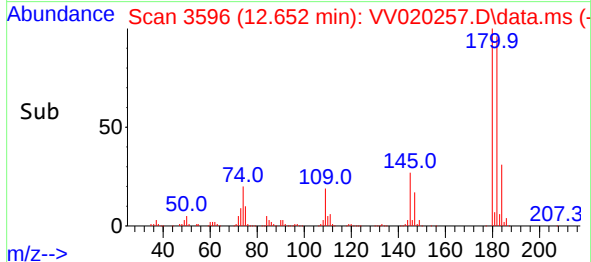
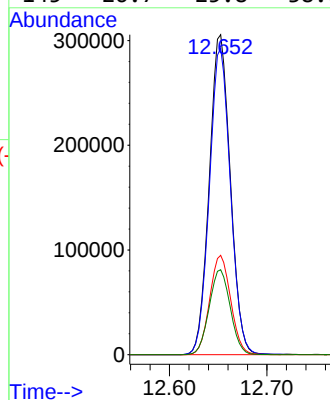
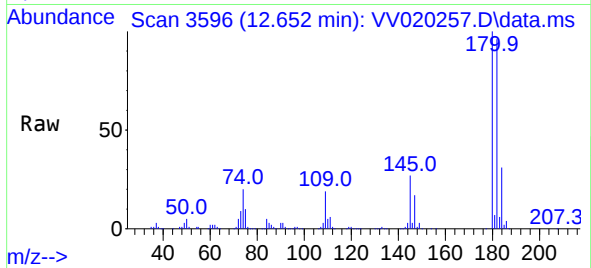


#67
1,3,5-Trichlorobenzene
Concen: 52.05 ug/L
RT: 12.652 min Scan# 3596
Delta R.T. 0.000 min
Lab File: VV020257.D
Acq: 03 Feb 2021 15:28

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:180 Resp: 458681

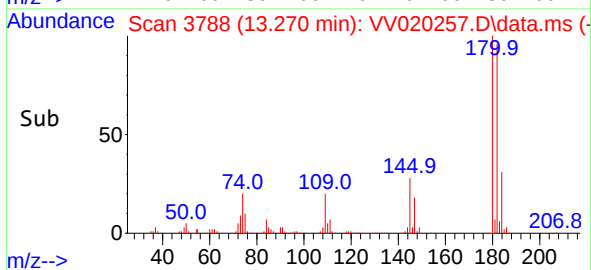
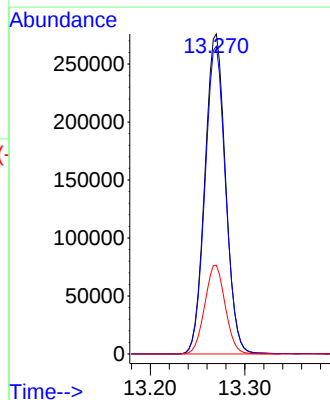
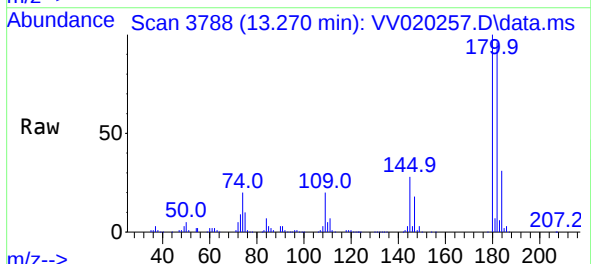
Ion	Ratio	Lower	Upper
180	100		
182	95.5	75.0	112.6
184	31.0	24.0	36.0
145	26.7	25.8	38.6

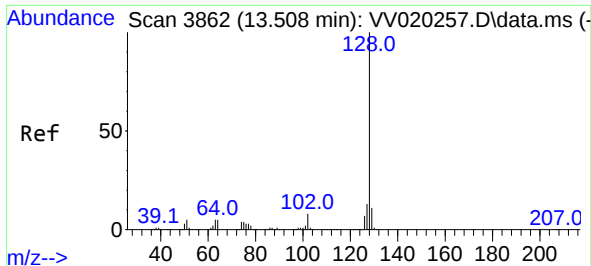


#68
1,2,4-trichlorobenzene
Concen: 52.29 ug/L
RT: 13.270 min Scan# 3788
Delta R.T. 0.000 min
Lab File: VV020257.D
Acq: 03 Feb 2021 15:28

Tgt Ion:180 Resp: 419685

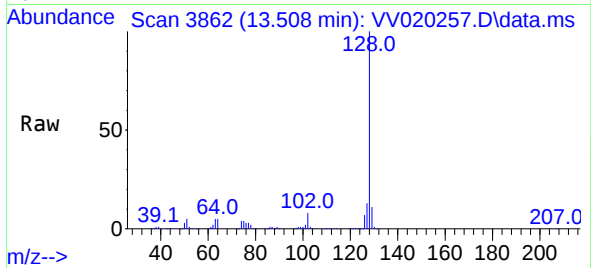
Ion	Ratio	Lower	Upper
180	100		
182	96.1	75.1	112.7
145	27.5	26.8	40.2



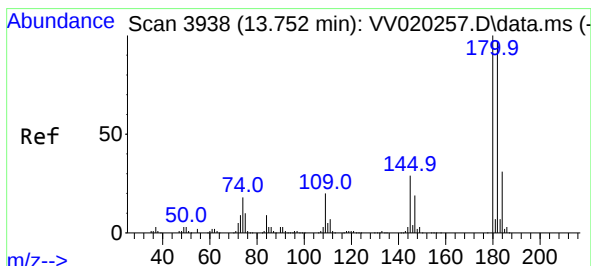
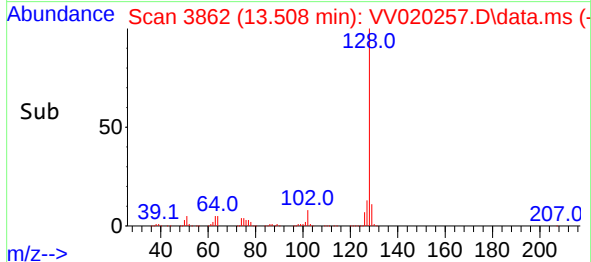
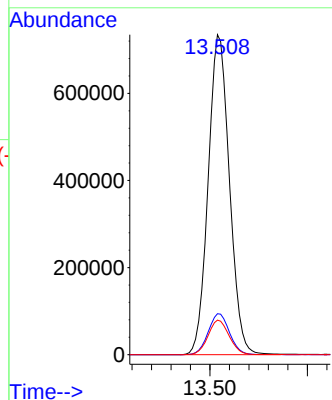


#69
Naphthalene
Concen: 49.74 ug/L
RT: 13.508 min Scan# 3862
Delta R.T. 0.000 min
Lab File: VV020257.D
Acq: 03 Feb 2021 15:28

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 1113612
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 10.7 8.6 13.0



#70
1,2,3-Trichlorobenzene
Concen: 52.45 ug/L
RT: 13.752 min Scan# 3938
Delta R.T. 0.000 min
Lab File: VV020257.D
Acq: 03 Feb 2021 15:28

Tgt Ion:180 Resp: 417182
Ion Ratio Lower Upper
180 100
182 96.1 76.1 114.1
145 29.1 27.9 41.9

