

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW012721\
 Data File : VW020172.D
 Acq On : 26 Jan 2021 14:59
 Operator : SY/MD
 Sample : VSTD01063
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jan 27 06:56:40 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM012721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jan 27 06:49:29 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.621	114	944157	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.855	117	915005	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.257	152	485150	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.306	65	65234	10.39	ug/L	0.00
7) Chloroethane-d5	1.569	69	51496	10.09	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.110	63	86817	9.17	ug/L	0.00
21) 2-Butanone-d5	3.904	46	62004	14.00	ug/L	0.02
24) Chloroform-d	4.357	84	100340	8.47	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.042	65	63205	8.29	ug/L	0.00
32) Benzene-d6	5.055	84	197677	8.71	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.077	67	71518	10.07	ug/L	0.00
41) Toluene-d8	7.322	98	209202	9.89	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.630	79	32604	9.12	ug/L	0.00
47) 2-Hexanone-d5	8.096	63	57613	17.07	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.222	84	100438	10.26	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.633	152	90668	10.30	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.129	85	70630	10.97	ug/L	99
3) Chloromethane	1.241	50	80970	11.20	ug/L	99
5) Vinyl chloride	1.312	62	71773	10.90	ug/L	100
6) Bromomethane	1.524	94	40345	11.17	ug/L	99
8) Chloroethane	1.585	64	46053	11.18	ug/L	95
9) Trichlorofluoromethane	1.753	101	105154	10.96	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.119	101	49360	10.92	ug/L	96
12) 1,1-Dichloroethene	2.119	96	45195	10.53	ug/L	95
13) Acetone	2.183	43	41516	19.95	ug/L	95
14) Carbon disulfide	2.296	76	125198	10.56	ug/L	99
15) Methyl Acetate	2.441	43	47127	9.46	ug/L	99
16) Methylene chloride	2.508	84	54407	10.82	ug/L	95
17) trans-1,2-Dichloroethene	2.765	96	51247	10.18	ug/L	96
18) Methyl tert-butyl Ether	2.772	73	150148	9.45	ug/L	99
19) 1,1-Dichloroethane	3.193	63	90260	8.56	ug/L	96
20) cis-1,2-Dichloroethene	3.920	96	56412	9.16	ug/L	96
22) 2-Butanone	3.990	43	66344	15.03	ug/L	98
23) Bromochloromethane	4.254	128	32575	9.88	ug/L	87
25) Chloroform	4.380	83	98991	9.03	ug/L	100
27) 1,2-Dichloroethane	5.138	62	78103	8.82	ug/L	99
29) Cyclohexane	4.682	56	78834	8.91	ug/L	97
30) 1,1,1-Trichloroethane	4.614	97	87136	8.99	ug/L	98
31) Carbon tetrachloride	4.830	117	77549	9.18	ug/L	99
33) Benzene	5.106	78	216236	9.33	ug/L	100
34) Trichloroethene	5.920	95	67830	11.01	ug/L	98
35) Methylcyclohexane	6.135	83	97856	10.66	ug/L	98
37) 1,2-Dichloropropane	6.180	63	62818	10.37	ug/L	97
38) Bromodichloromethane	6.514	83	85271	10.37	ug/L	97
39) cis-1,3-Dichloropropene	7.032	75	92203	9.53	ug/L	99
40) 4-Methyl-2-pentanone	7.231	43	172634	19.51	ug/L	99
42) Toluene	7.392	91	262675	10.52	ug/L	98
44) trans-1,3-Dichloropropene	7.656	75	90691	9.70	ug/L	100

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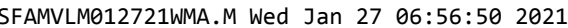
Instrument :
 MSVOA_V
 ClientSampleId :

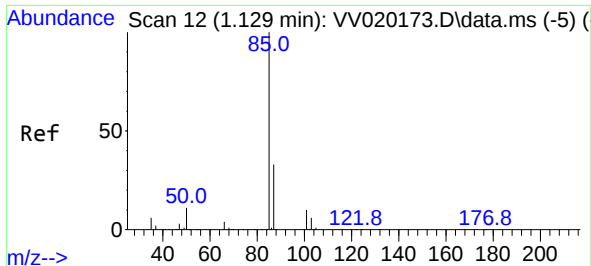
Quant Time: Jan 27 06:56:40 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM012721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jan 27 06:49:29 2021
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.846	97	65462	10.84	ug/L	98
46) Tetrachloroethene	7.981	164	57436	11.02	ug/L	96
48) 2-Hexanone	8.145	43	129374	18.88	ug/L	97
49) Dibromochloromethane	8.251	129	68963	10.12	ug/L	97
50) 1,2-Dibromoethane	8.357	107	68214	10.45	ug/L	98
51) Chlorobenzene	8.887	112	179751	10.82	ug/L	99
52) Ethylbenzene	9.019	91	298414	10.61	ug/L	100
53) m,p-Xylene	9.145	106	109347	10.24	ug/L	96
54) o-Xylene	9.550	106	107698	10.39	ug/L	97
55) Styrene	9.566	104	180337	9.73	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.247	83	105031	11.05	ug/L	97
59) Bromoform	9.739	173	51224	10.20	ug/L	100
60) Isopropylbenzene	9.936	105	288789	12.10	ug/L	99
61) 1,2,3-Trichloropropane	10.280	75	83583	11.25	ug/L	98
62) 1,3,5-Trimethylbenzene	10.546	105	239047	11.44	ug/L	98
63) 1,2,4-Trimethylbenzene	10.919	105	239938	11.07	ug/L	99
64) 1,3-Dichlorobenzene	11.190	146	147975	10.96	ug/L	98
65) 1,4-Dichlorobenzene	11.280	146	152784	11.11	ug/L	98
67) 1,2-Dichlorobenzene	11.649	146	148245	11.00	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.437	75	23500	10.20	ug/L	100
69) 1,3,5-Trichlorobenzene	12.653	180	122432	10.96	ug/L	99
70) 1,2,4-trichlorobenzene	13.270	180	107677	10.29	ug/L	99
71) Naphthalene	13.511	128	298383	9.55	ug/L	100
72) 1,2,3-Trichlorobenzene	13.752	180	110554	10.67	ug/L	99

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

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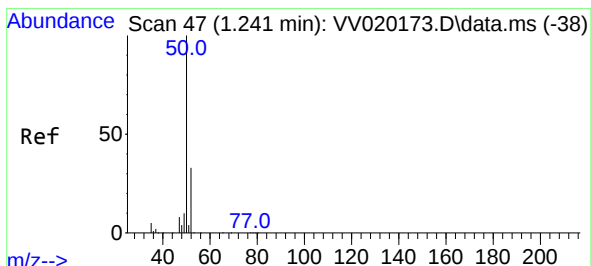
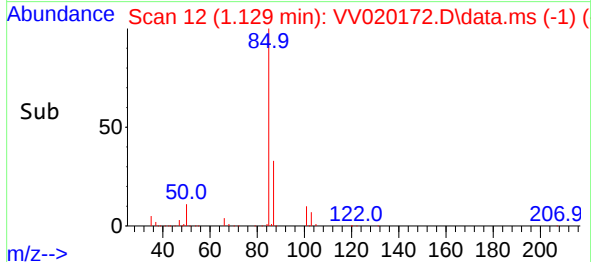
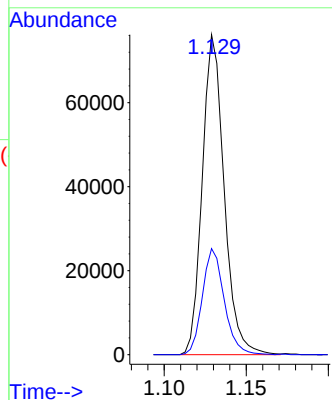
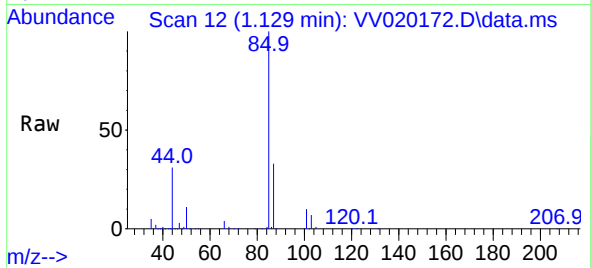




#2
Dichlorodifluoromethane
Concen: 10.97 ug/L
RT: 1.129 min Scan# 12
Delta R.T. -0.000 min
Lab File: VV020172.D
Acq: 26 Jan 2021 14:59

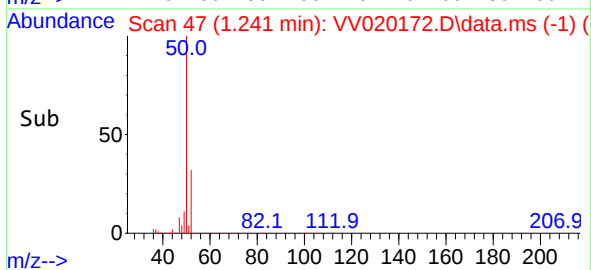
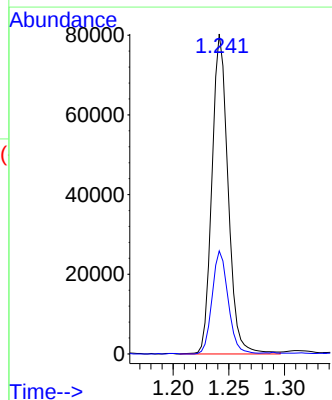
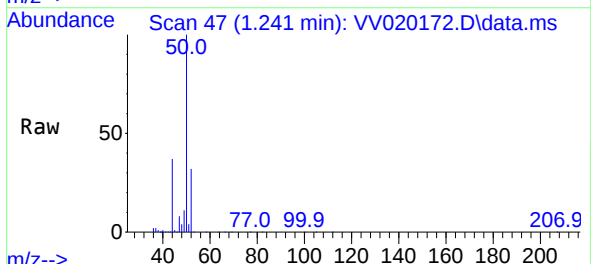
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MSVOA_V
ClientSampled :

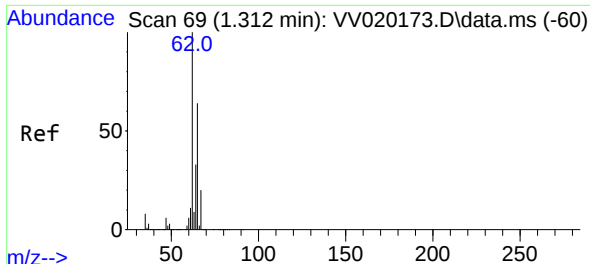
Tgt Ion: 85 Resp: 70630
Ion Ratio Lower Upper
85 100
87 33.1 26.2 39.2



#3
Chloromethane
Concen: 11.20 ug/L
RT: 1.241 min Scan# 47
Delta R.T. -0.000 min
Lab File: VV020172.D
Acq: 26 Jan 2021 14:59

Tgt Ion: 50 Resp: 80970
Ion Ratio Lower Upper
50 100
52 32.2 22.9 42.5

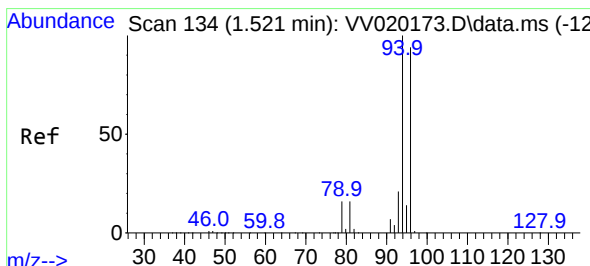
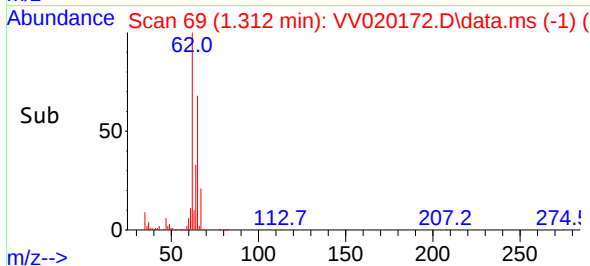
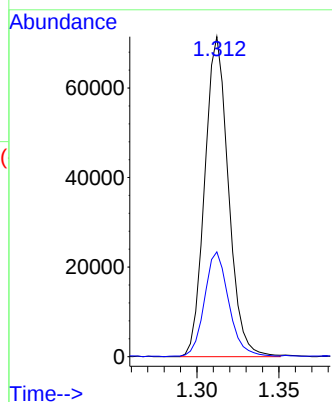
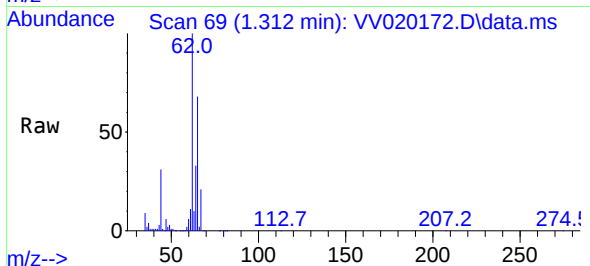




#5
 Vinyl chloride
 Concen: 10.90 ug/L
 RT: 1.312 min Scan# 69
 Delta R.T. 0.000 min
 Lab File: VV020172.D
 Acq: 26 Jan 2021 14:59

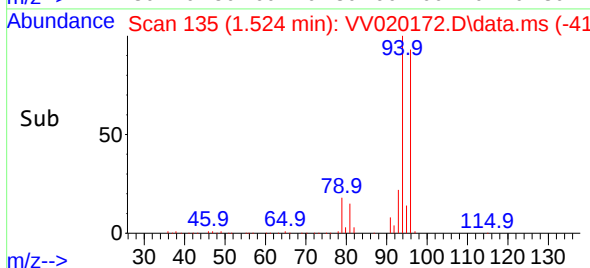
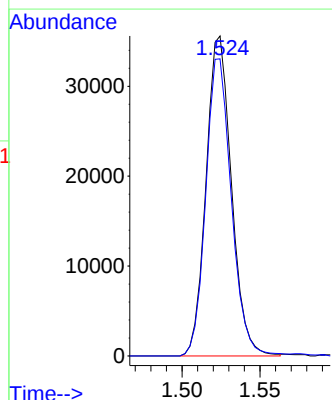
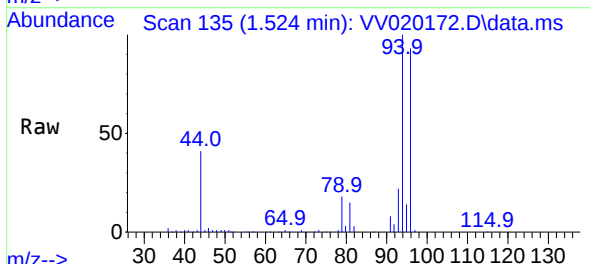
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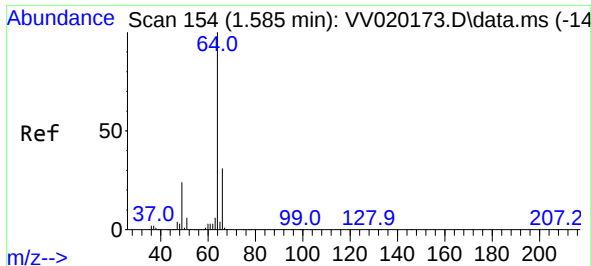
Tgt Ion: 62 Resp: 71773
 Ion Ratio Lower Upper
 62 100
 64 32.8 23.1 42.9



#6
 Bromomethane
 Concen: 11.17 ug/L
 RT: 1.524 min Scan# 135
 Delta R.T. 0.003 min
 Lab File: VV020172.D
 Acq: 26 Jan 2021 14:59

Tgt Ion: 94 Resp: 40345
 Ion Ratio Lower Upper
 94 100
 96 92.9 65.9 122.5

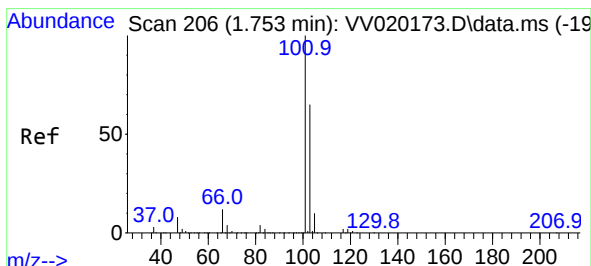
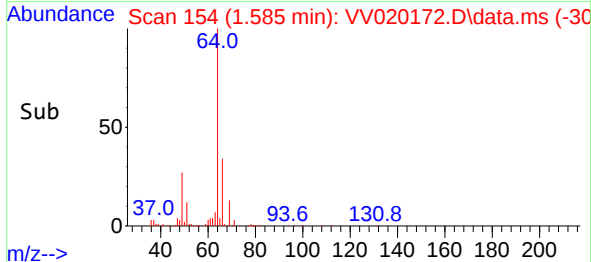
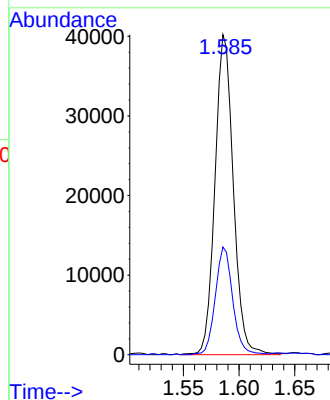
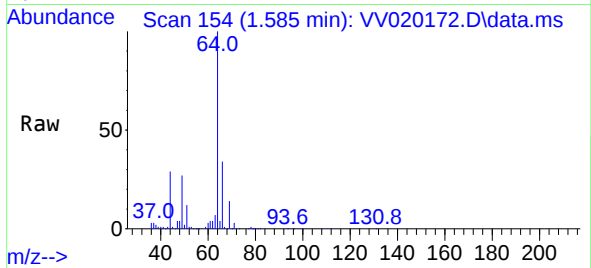




#8
Chloroethane
Concen: 11.18 ug/L
RT: 1.585 min Scan# 154
Delta R.T. 0.000 min
Lab File: VV020172.D
Acq: 26 Jan 2021 14:59

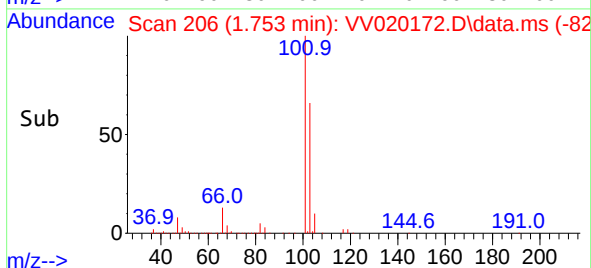
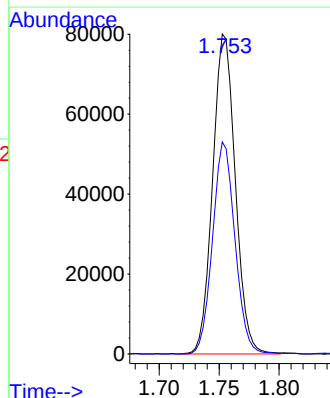
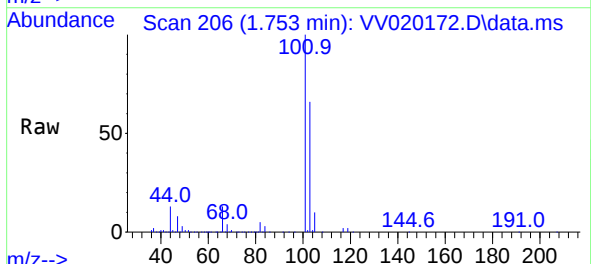
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ClientSampled :

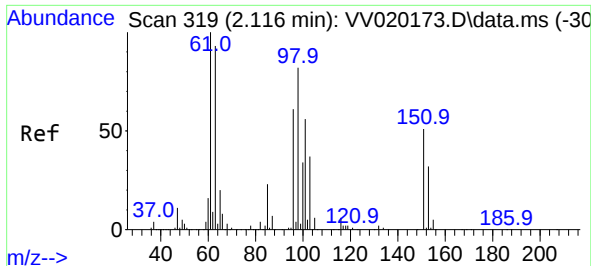
Tgt Ion: 64 Resp: 46053
Ion Ratio Lower Upper
64 100
66 33.7 21.8 40.4



#9
Trichlorofluoromethane
Concen: 10.96 ug/L
RT: 1.753 min Scan# 206
Delta R.T. -0.000 min
Lab File: VV020172.D
Acq: 26 Jan 2021 14:59

Tgt Ion:101 Resp: 105154
Ion Ratio Lower Upper
101 100
103 65.4 51.8 77.6

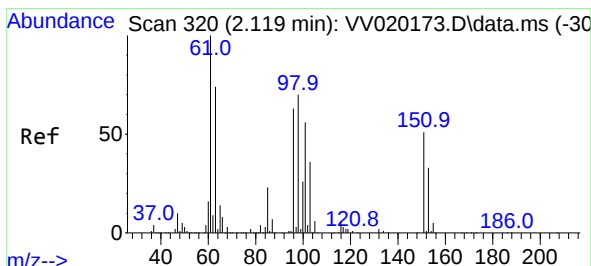
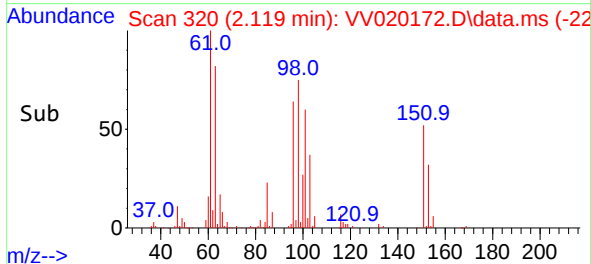
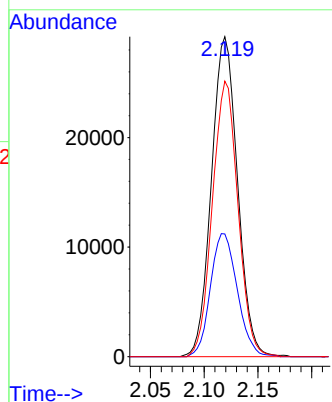
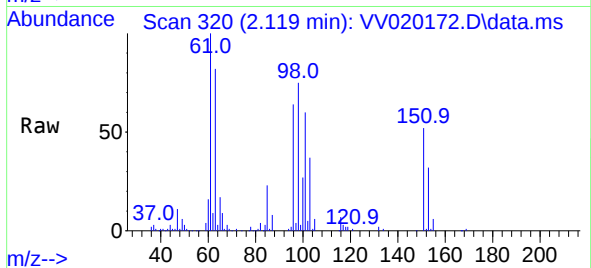




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 10.92 ug/L
RT: 2.119 min Scan# 320
Delta R.T. 0.003 min
Lab File: VV020172.D
Acq: 26 Jan 2021 14:59

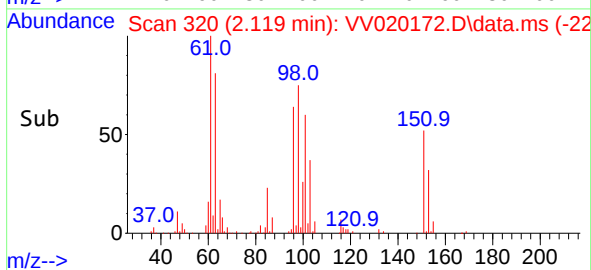
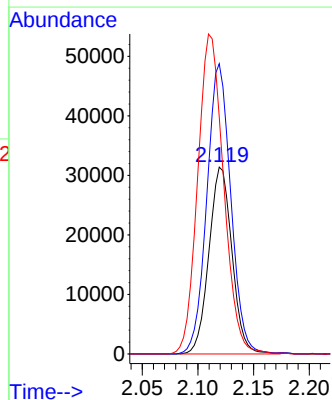
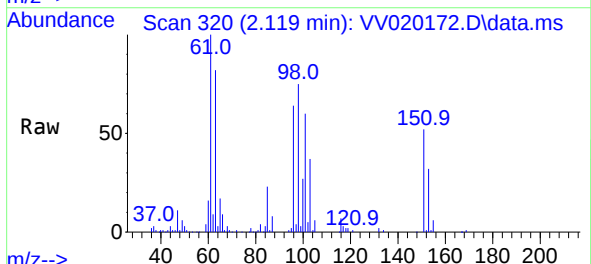
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ClientSampled :

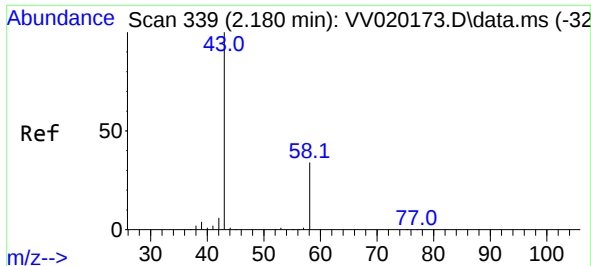
Tgt Ion:101 Resp: 49360
Ion Ratio Lower Upper
101 100
85 39.6 32.4 48.6
151 84.3 71.0 106.6



#12
1,1-Dichloroethene
Concen: 10.53 ug/L
RT: 2.119 min Scan# 320
Delta R.T. 0.000 min
Lab File: VV020172.D
Acq: 26 Jan 2021 14:59

Tgt Ion: 96 Resp: 45195
Ion Ratio Lower Upper
96 100
61 155.3 110.9 206.1
63 126.8 82.1 152.5

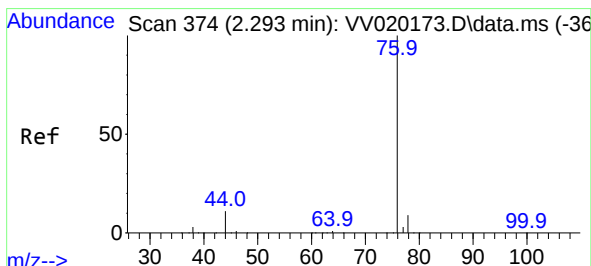
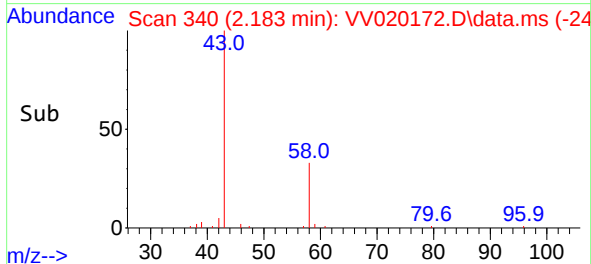
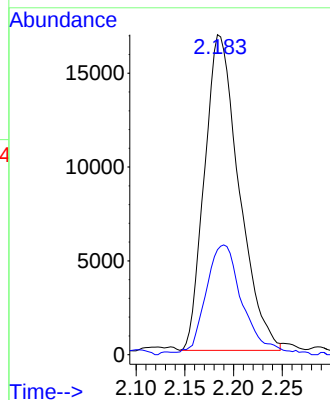
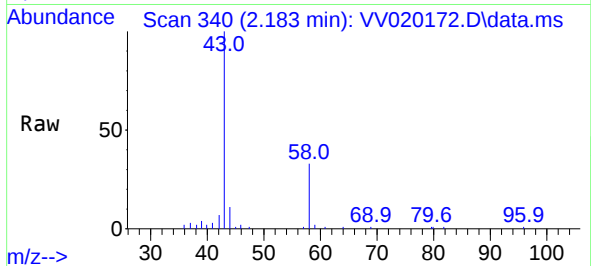




#13
Acetone
Concen: 19.95 ug/L
RT: 2.183 min Scan# 340
Delta R.T. 0.003 min
Lab File: VV020172.D
Acq: 26 Jan 2021 14:59

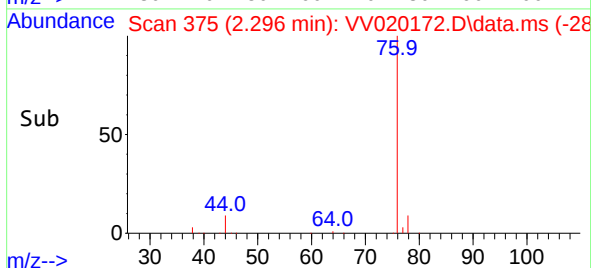
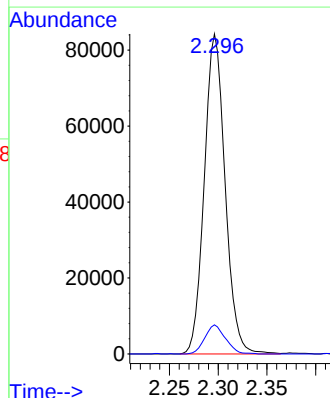
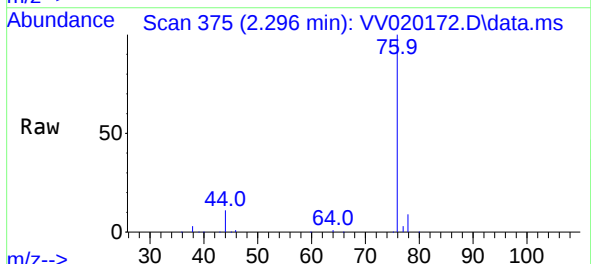
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ClientSampled :

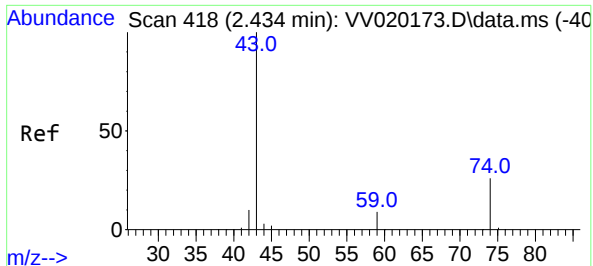
Tgt Ion: 43 Resp: 41516
Ion Ratio Lower Upper
43 100
58 36.8 0.0 68.0



#14
Carbon disulfide
Concen: 10.56 ug/L
RT: 2.296 min Scan# 375
Delta R.T. 0.003 min
Lab File: VV020172.D
Acq: 26 Jan 2021 14:59

Tgt Ion: 76 Resp: 125198
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.2

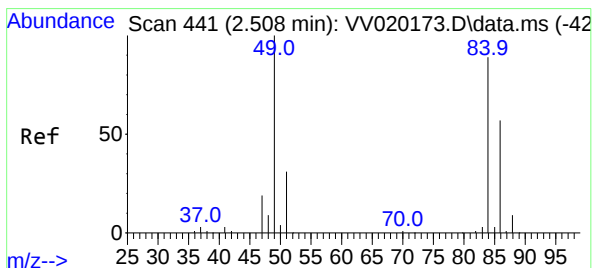
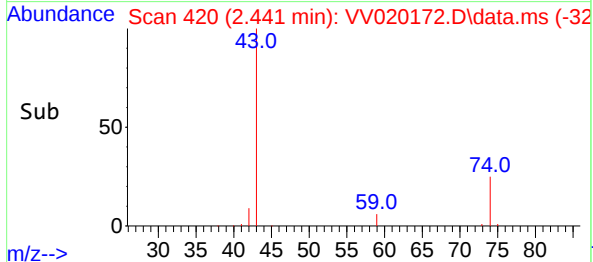
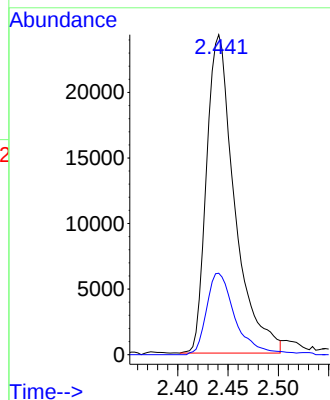
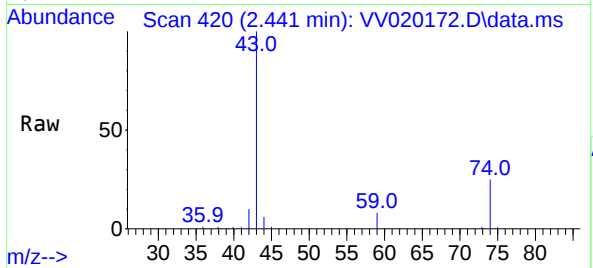




#15
Methyl Acetate
Concen: 9.46 ug/L
RT: 2.441 min Scan# 420
Delta R.T. 0.006 min
Lab File: VV020172.D
Acq: 26 Jan 2021 14:59

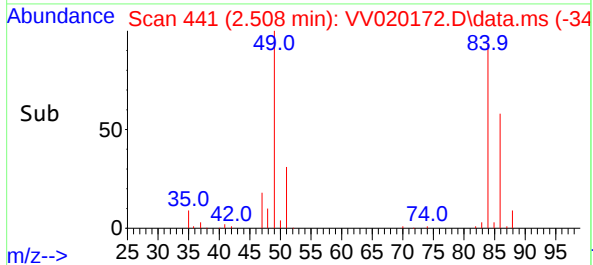
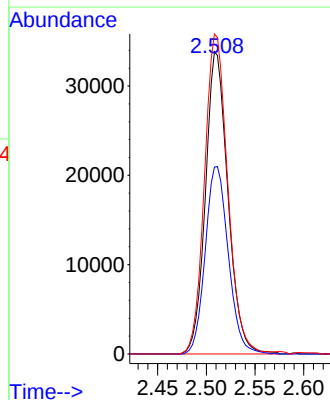
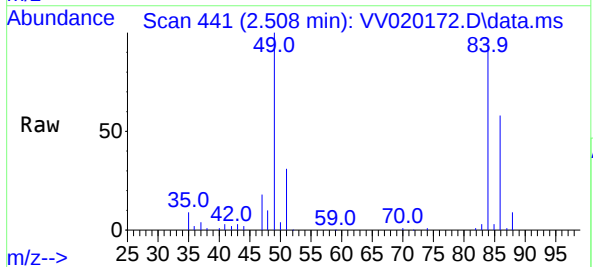
Instrument :
MSVOA_V
ClientSampled :

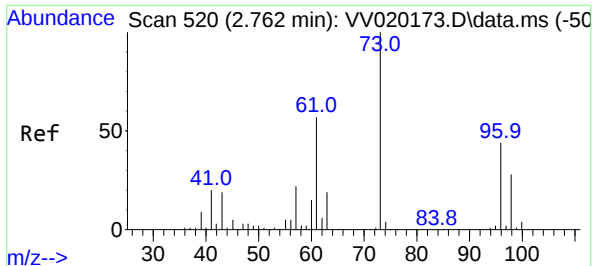
Tgt Ion: 43 Resp: 47127
Ion Ratio Lower Upper
43 100
74 26.2 20.6 30.8



#16
Methylene chloride
Concen: 10.82 ug/L
RT: 2.508 min Scan# 441
Delta R.T. -0.000 min
Lab File: VV020172.D
Acq: 26 Jan 2021 14:59

Tgt Ion: 84 Resp: 54407
Ion Ratio Lower Upper
84 100
86 61.8 44.8 83.2
49 105.9 78.5 145.7



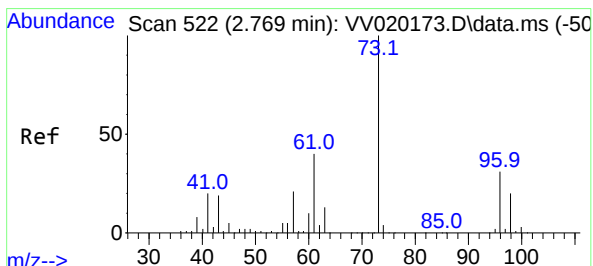
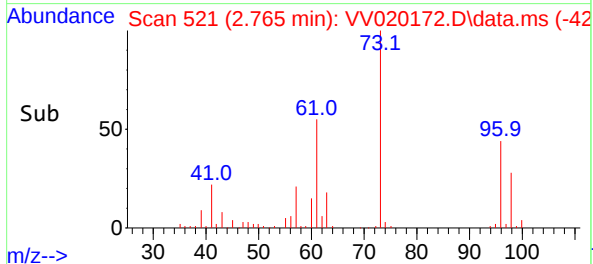
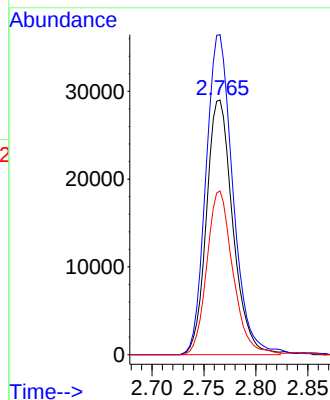
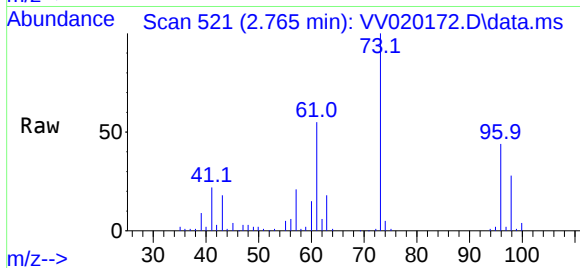


#17

trans-1,2-Dichloroethene
Concen: 10.18 ug/L
RT: 2.765 min Scan# 521
Delta R.T. 0.003 min
Lab File: VV020172.D
Acq: 26 Jan 2021 14:59

Tgt Ion: 96 Resp: 51247
Ion Ratio Lower Upper
96 100
61 125.6 92.0 170.9
98 64.3 44.2 82.2

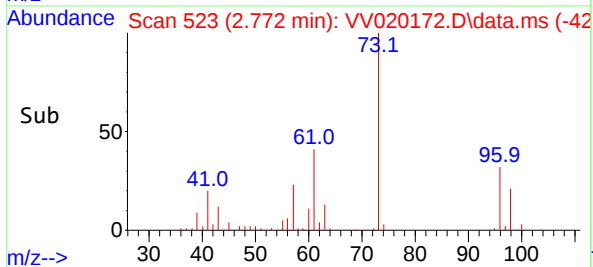
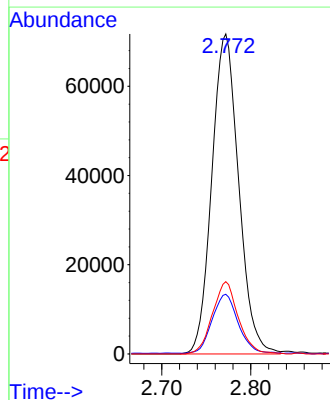
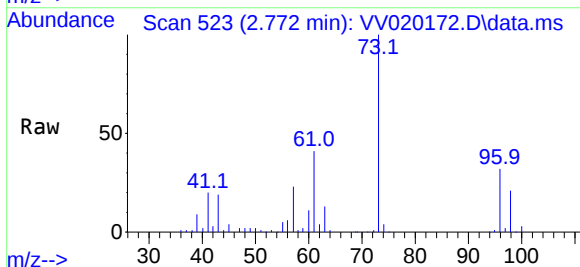
Instrument :
MSVOA_V
ClientSampleId :

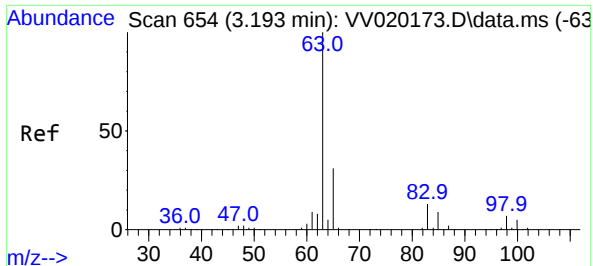


#18

Methyl tert-butyl Ether
Concen: 9.45 ug/L
RT: 2.772 min Scan# 523
Delta R.T. 0.003 min
Lab File: VV020172.D
Acq: 26 Jan 2021 14:59

Tgt Ion: 73 Resp: 150148
Ion Ratio Lower Upper
73 100
43 17.8 15.0 22.6
57 21.7 17.2 25.8



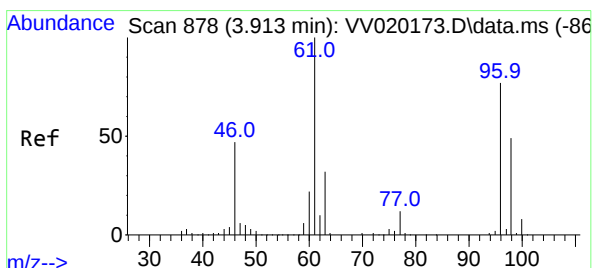
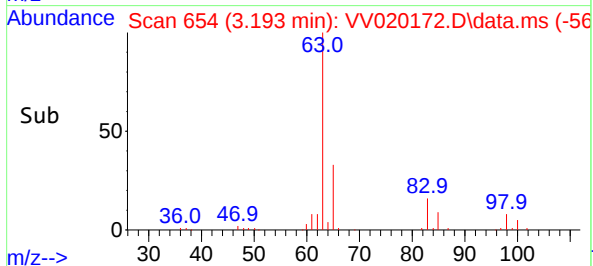
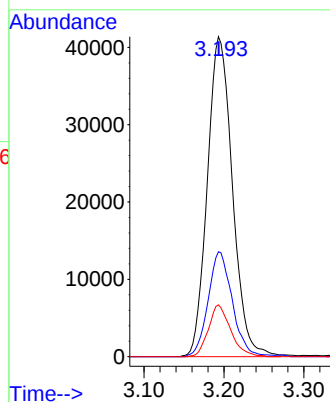
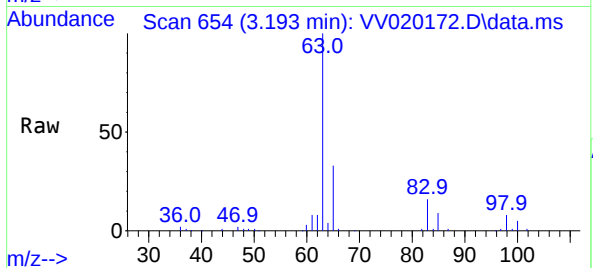


#19
1,1-Dichloroethane
Concen: 8.56 ug/L
RT: 3.193 min Scan# 654
Delta R.T. 0.000 min
Lab File: VV020172.D
Acq: 26 Jan 2021 14:59

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 63 Resp: 90260

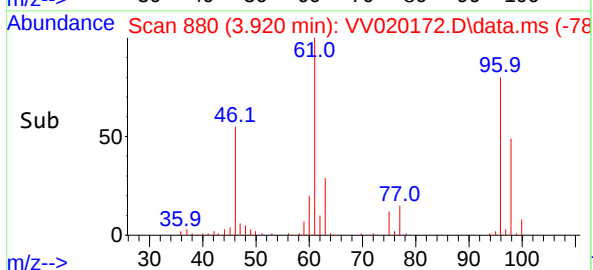
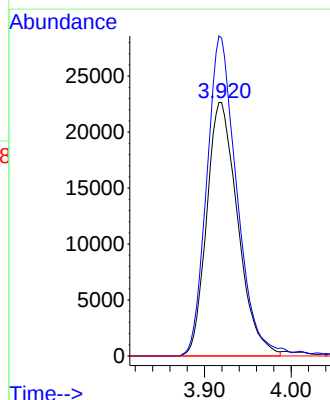
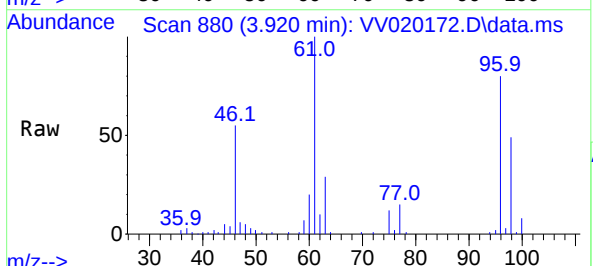
Ion	Ratio	Lower	Upper
63	100		
65	32.8	21.8	40.4
83	16.2	9.4	17.4

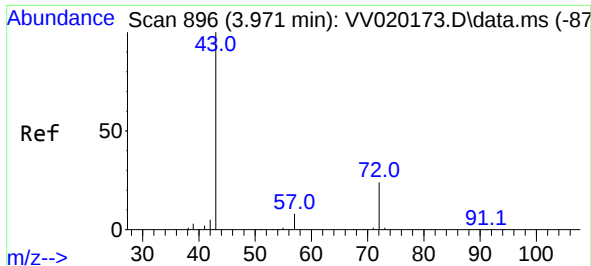


#20
cis-1,2-Dichloroethene
Concen: 9.16 ug/L
RT: 3.920 min Scan# 880
Delta R.T. 0.006 min
Lab File: VV020172.D
Acq: 26 Jan 2021 14:59

Tgt Ion: 96 Resp: 56412

Ion	Ratio	Lower	Upper
96	100		
61	125.4	90.6	168.3
68	0.0	0.0	0.0

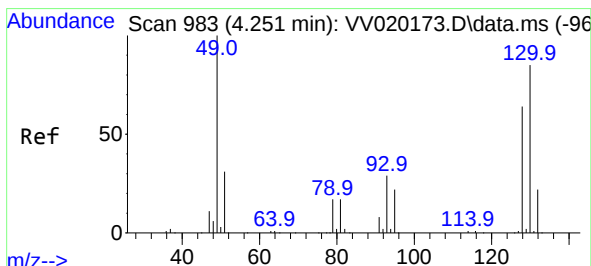
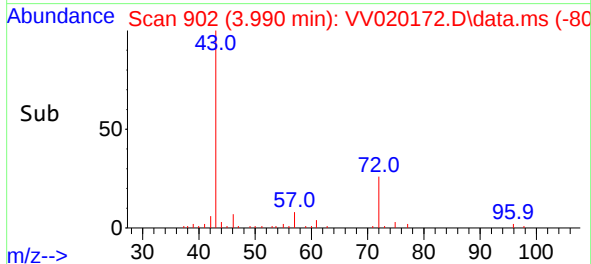
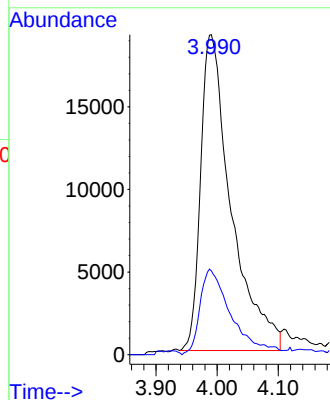
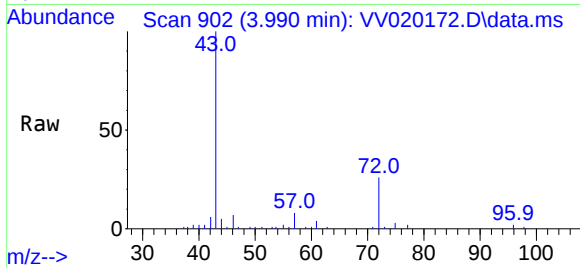




#22
2-Butanone
Concen: 15.03 ug/L
RT: 3.990 min Scan# 902
Delta R.T. 0.019 min
Lab File: VV020172.D
Acq: 26 Jan 2021 14:59

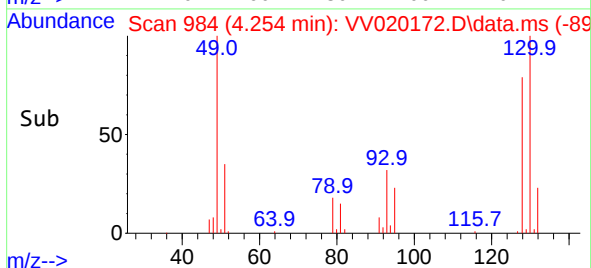
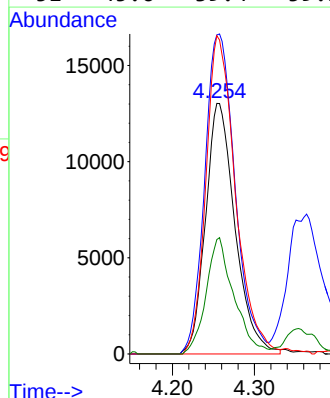
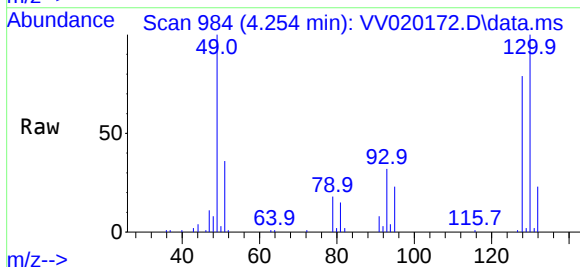
Instrument :
MSVOA_V
ClientSampled :

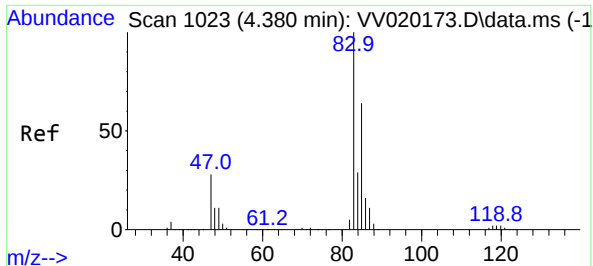
Tgt Ion: 43 Resp: 66344
Ion Ratio Lower Upper
43 100
72 24.5 12.7 38.1



#23
Bromochloromethane
Concen: 9.88 ug/L
RT: 4.254 min Scan# 984
Delta R.T. 0.003 min
Lab File: VV020172.D
Acq: 26 Jan 2021 14:59

Tgt Ion: 128 Resp: 32575
Ion Ratio Lower Upper
128 100
49 127.3 109.8 203.8
130 127.0 92.8 172.4
51 45.6 39.4 59.2



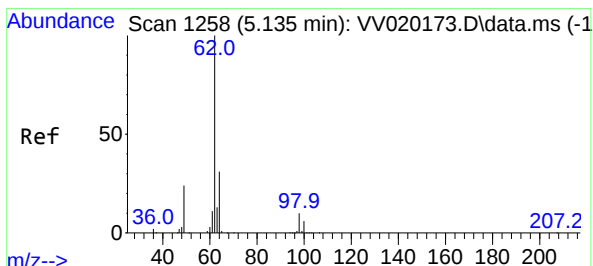
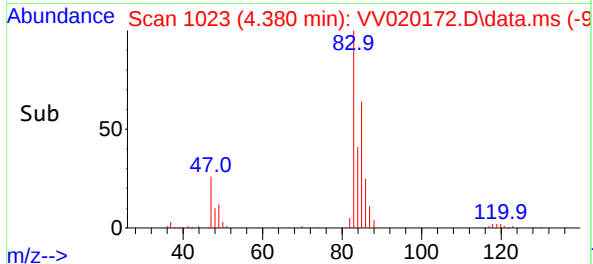
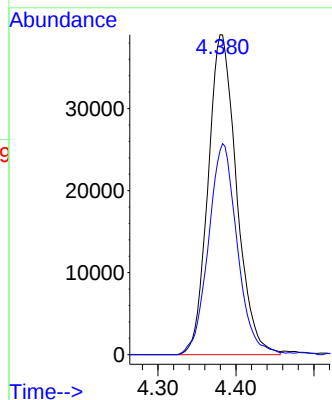
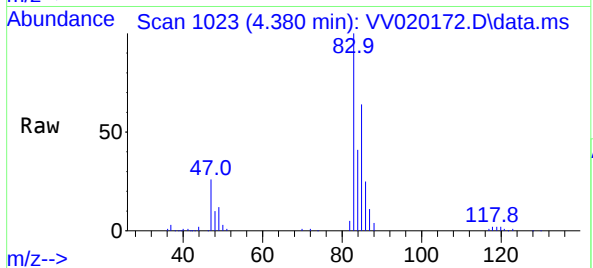


#25

Chloroform
Concen: 9.03 ug/L
RT: 4.380 min Scan# 1023
Delta R.T. 0.000 min
Lab File: VV020172.D
Acq: 26 Jan 2021 14:59

Instrument :
MSVOA_V
ClientSampleId :

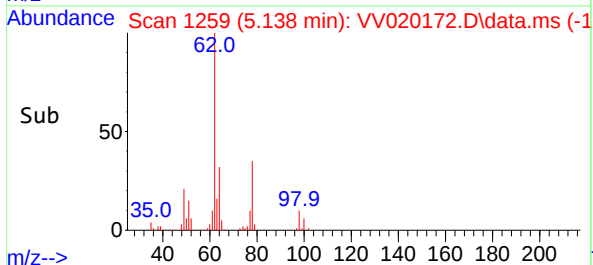
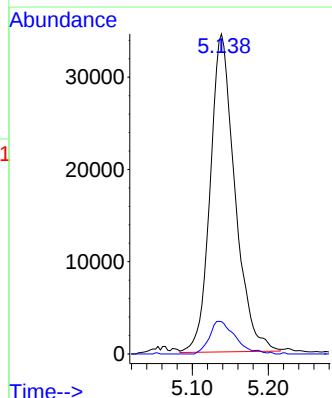
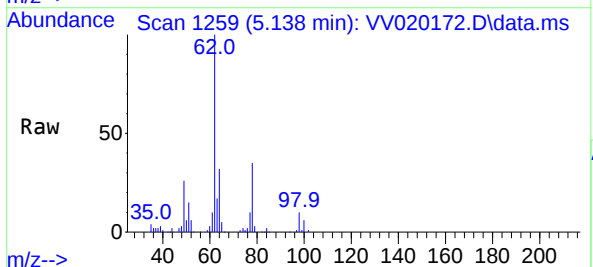
Tgt Ion: 83 Resp: 98991
Ion Ratio Lower Upper
83 100
85 63.8 44.6 82.8

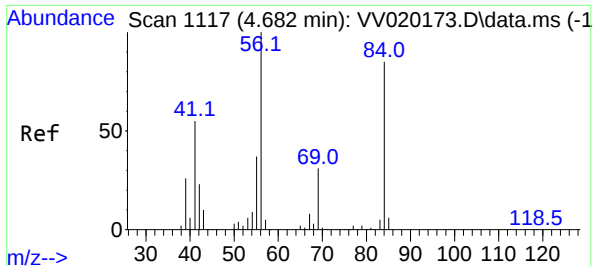


#27

1,2-Dichloroethane
Concen: 8.82 ug/L
RT: 5.138 min Scan# 1259
Delta R.T. 0.003 min
Lab File: VV020172.D
Acq: 26 Jan 2021 14:59

Tgt Ion: 62 Resp: 78103
Ion Ratio Lower Upper
62 100
98 10.1 7.8 11.6





#29

Cyclohexane

Concen: 8.91 ug/L

RT: 4.682 min Scan# 1117

Delta R.T. 0.000 min

Lab File: VV020172.D

Acq: 26 Jan 2021 14:59

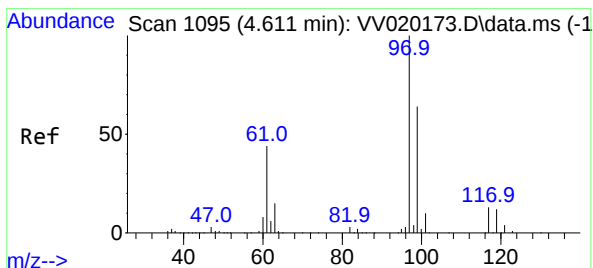
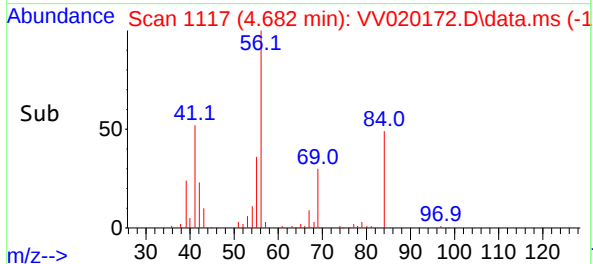
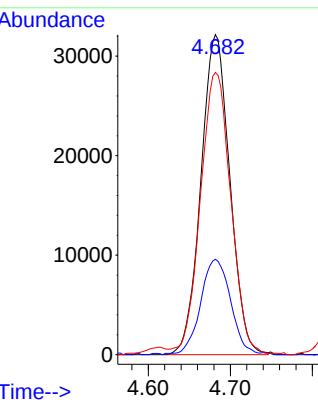
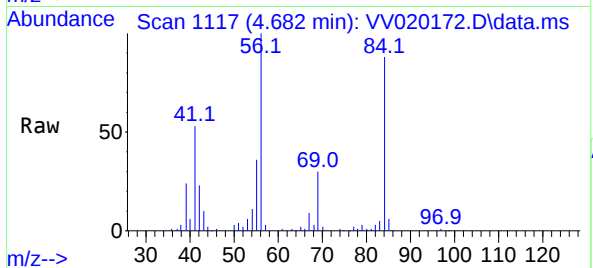
Tgt Ion: 56 Resp: 78834

Ion Ratio Lower Upper

56 100

69 30.9 25.1 37.7

84 91.6 70.6 106.0



#30

1,1,1-Trichloroethane

Concen: 8.99 ug/L

RT: 4.614 min Scan# 1096

Delta R.T. 0.003 min

Lab File: VV020172.D

Acq: 26 Jan 2021 14:59

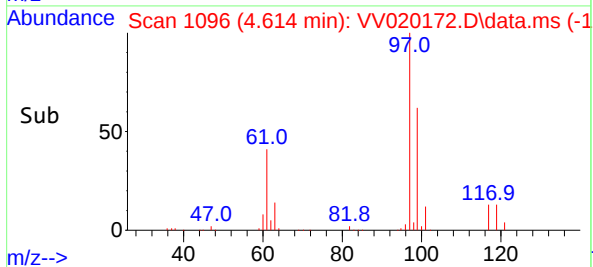
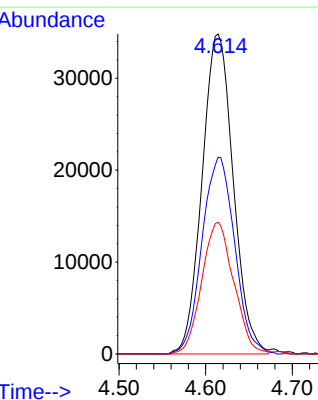
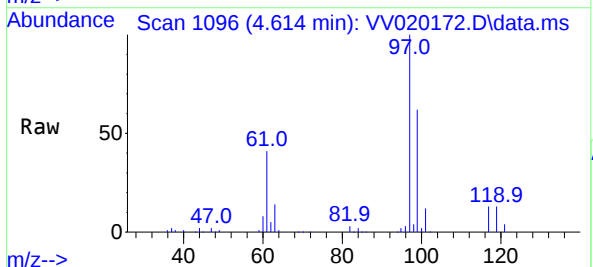
Tgt Ion: 97 Resp: 87136

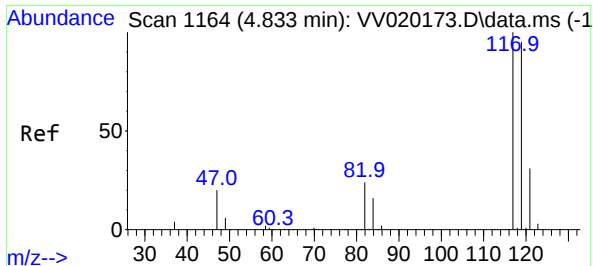
Ion Ratio Lower Upper

97 100

99 64.3 51.9 77.9

61 42.2 35.4 53.2

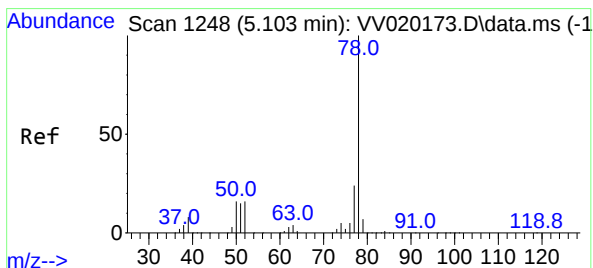
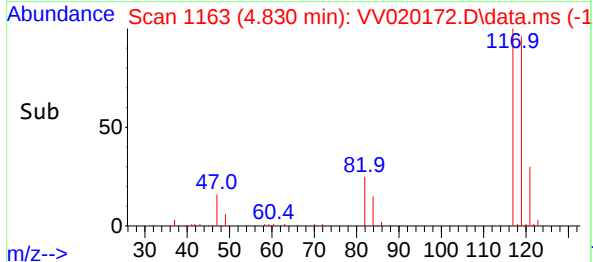
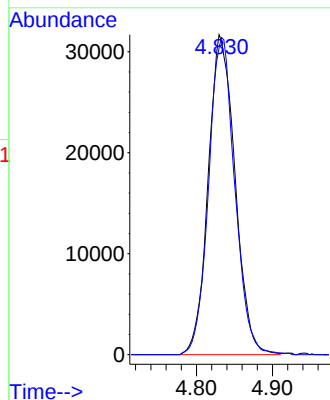
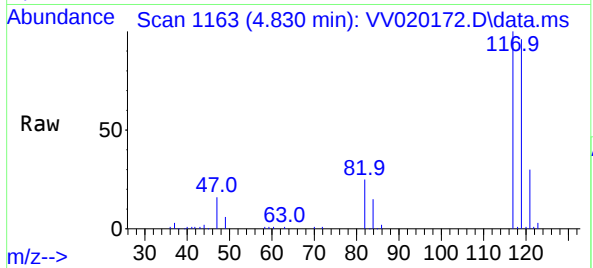




#31
Carbon tetrachloride
Concen: 9.18 ug/L
RT: 4.830 min Scan# 1163
Delta R.T. -0.003 min
Lab File: VV020172.D
Acq: 26 Jan 2021 14:59

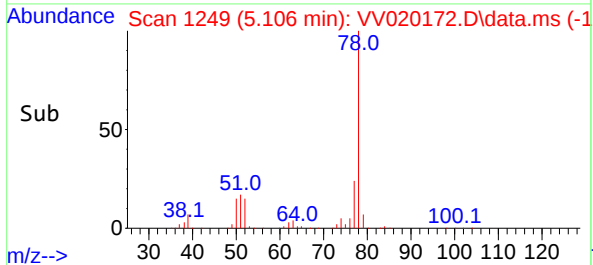
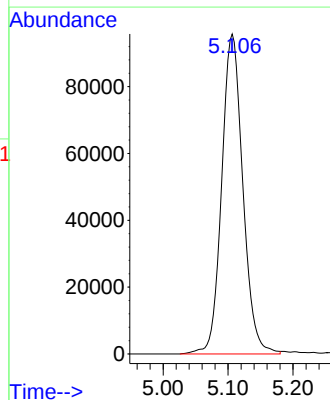
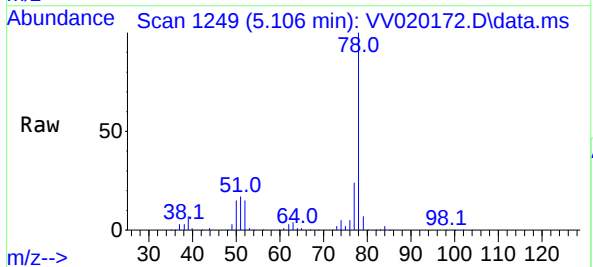
Instrument :
MSVOA_V
ClientSampled :

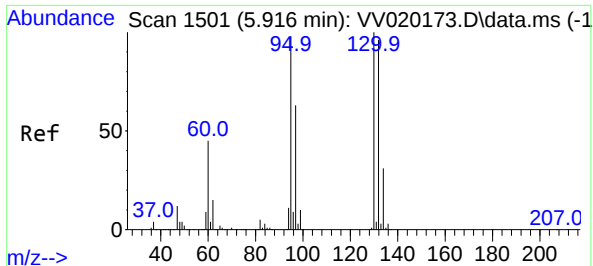
Tgt Ion:117 Resp: 77549
Ion Ratio Lower Upper
117 100
119 96.7 76.9 115.3



#33
Benzene
Concen: 9.33 ug/L
RT: 5.106 min Scan# 1249
Delta R.T. 0.003 min
Lab File: VV020172.D
Acq: 26 Jan 2021 14:59

Tgt Ion: 78 Resp: 216236





#34

Trichloroethene

Concen: 11.01 ug/L

RT: 5.920 min Scan# 1502

Delta R.T. 0.003 min

Lab File: VV020172.D

Acq: 26 Jan 2021 14:59

Tgt Ion: 95 Resp: 67830

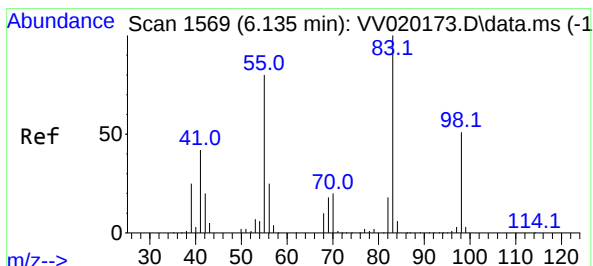
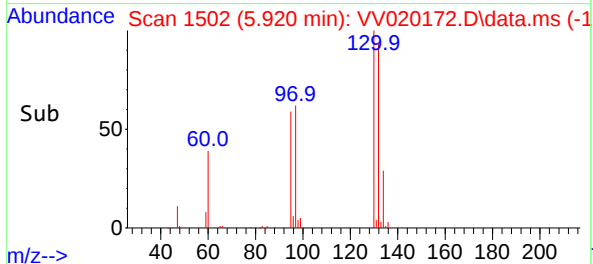
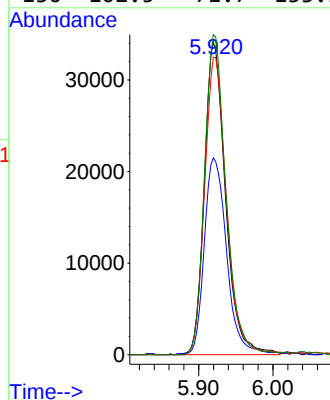
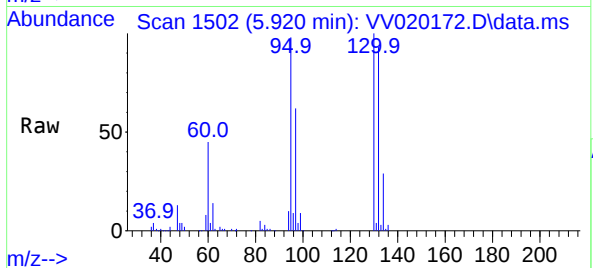
Ion Ratio Lower Upper

95 100

97 63.1 45.4 84.4

132 95.3 68.7 127.7

130 102.5 71.7 133.1



#35

Methylcyclohexane

Concen: 10.66 ug/L

RT: 6.135 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VV020172.D

Acq: 26 Jan 2021 14:59

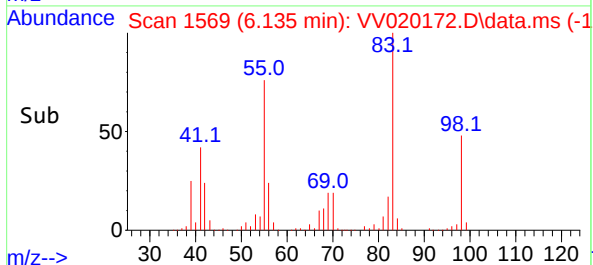
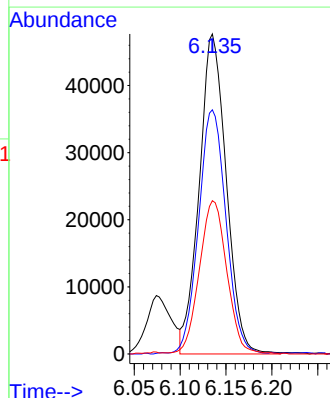
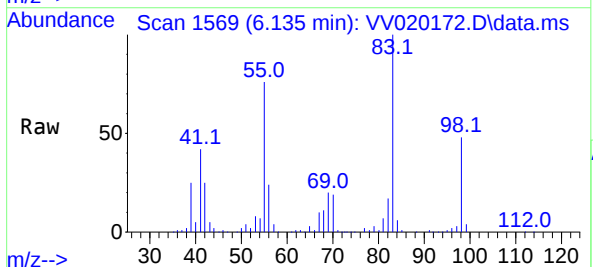
Tgt Ion: 83 Resp: 97856

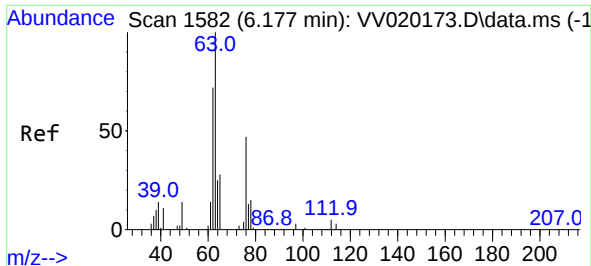
Ion Ratio Lower Upper

83 100

55 77.6 61.4 92.0

98 48.1 39.9 59.9

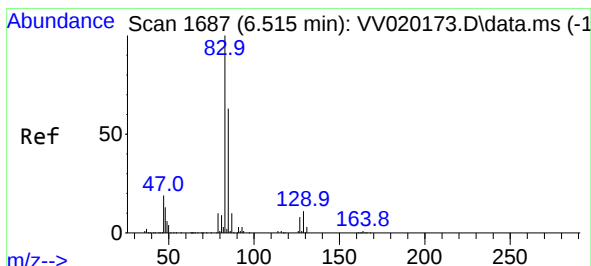
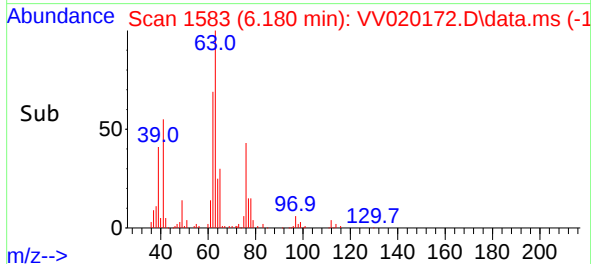
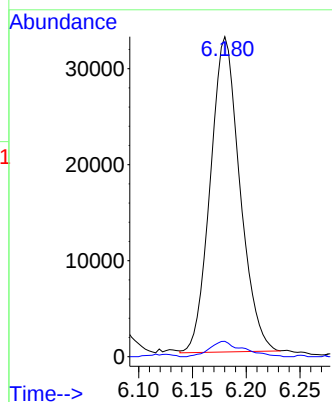
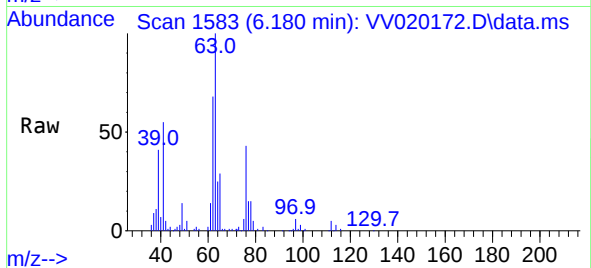




#37
1,2-Dichloropropane
Concen: 10.37 ug/L
RT: 6.180 min Scan# 1583
Delta R.T. 0.003 min
Lab File: VV020172.D
Acq: 26 Jan 2021 14:59

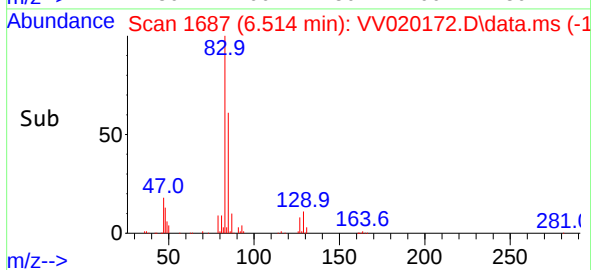
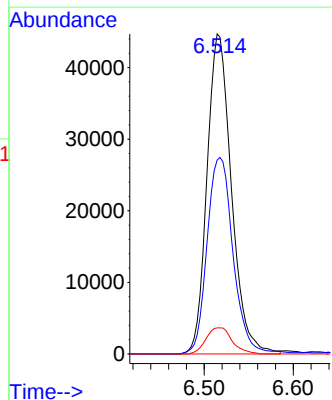
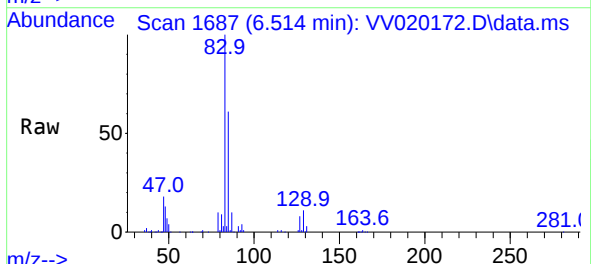
Instrument :
MSVOA_V
ClientSampled :

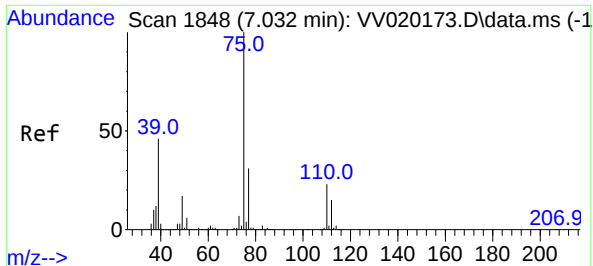
Tgt Ion: 63 Resp: 62818
Ion Ratio Lower Upper
63 100
112 4.0 3.9 5.9



#38
Bromodichloromethane
Concen: 10.37 ug/L
RT: 6.514 min Scan# 1687
Delta R.T. -0.000 min
Lab File: VV020172.D
Acq: 26 Jan 2021 14:59

Tgt Ion: 83 Resp: 85271
Ion Ratio Lower Upper
83 100
85 60.6 44.2 82.2
127 8.1 6.8 10.2

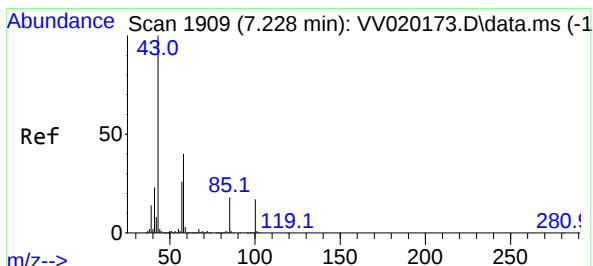
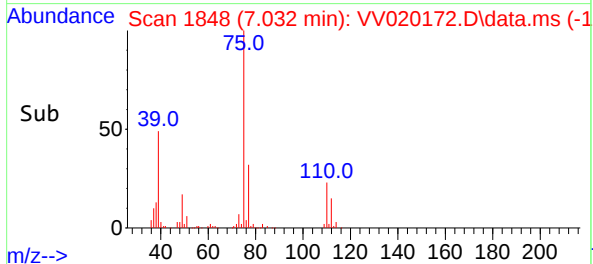
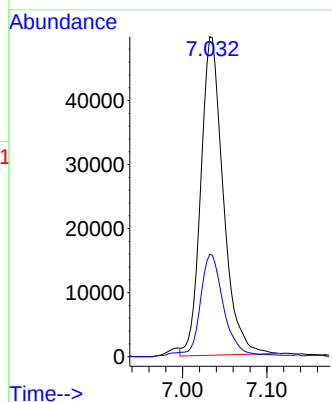
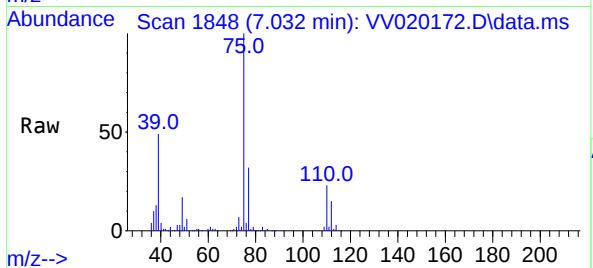




#39
cis-1,3-Dichloropropene
Concen: 9.53 ug/L
RT: 7.032 min Scan# 1848
Delta R.T. -0.000 min
Lab File: VV020172.D
Acq: 26 Jan 2021 14:59

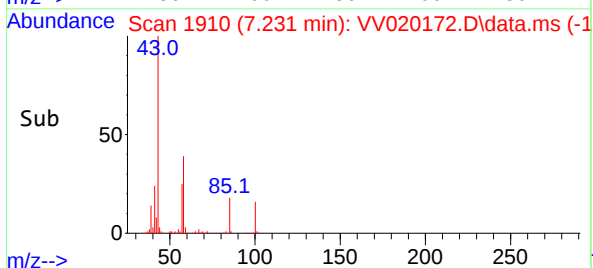
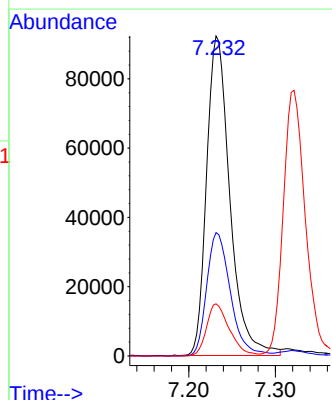
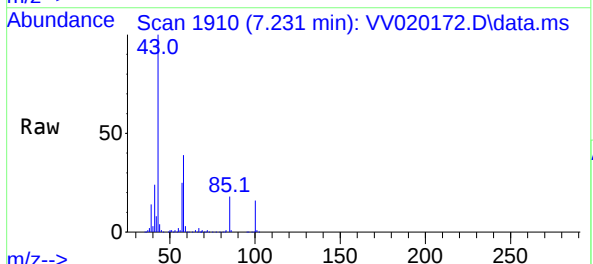
Instrument :
MSVOA_V
ClientSampled :

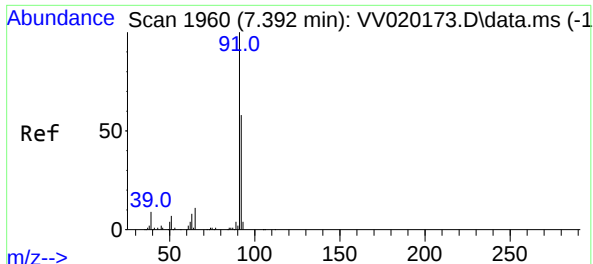
Tgt Ion: 75 Resp: 92203
Ion Ratio Lower Upper
75 100
77 32.0 21.8 40.6



#40
4-Methyl-2-pentanone
Concen: 19.51 ug/L
RT: 7.231 min Scan# 1910
Delta R.T. 0.003 min
Lab File: VV020172.D
Acq: 26 Jan 2021 14:59

Tgt Ion: 43 Resp: 172634
Ion Ratio Lower Upper
43 100
58 39.4 32.1 48.1
100 16.0 13.4 20.0





#42

Toluene

Concen: 10.52 ug/L

RT: 7.392 min Scan# 1960

Delta R.T. 0.000 min

Lab File: VV020172.D

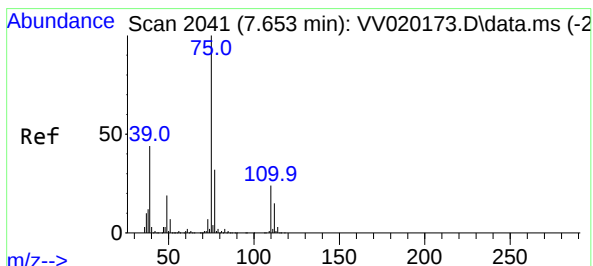
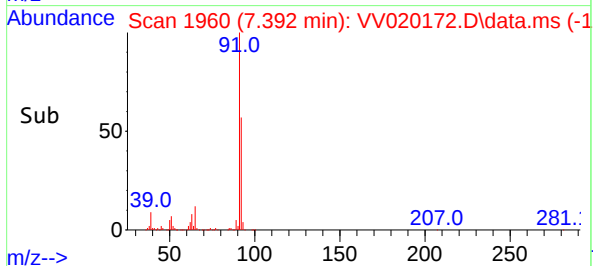
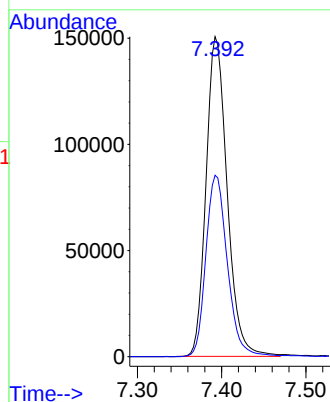
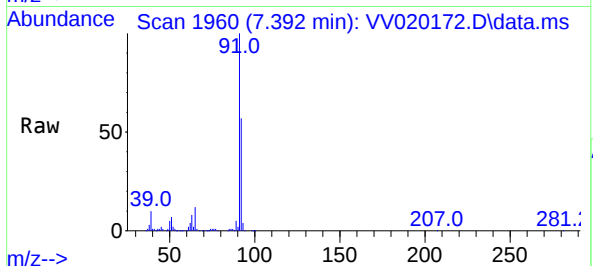
Acq: 26 Jan 2021 14:59

Tgt Ion: 91 Resp: 262675

Ion Ratio Lower Upper

91 100

92 56.7 40.9 75.9



#44

trans-1,3-Dichloropropene

Concen: 9.70 ug/L

RT: 7.656 min Scan# 2042

Delta R.T. 0.003 min

Lab File: VV020172.D

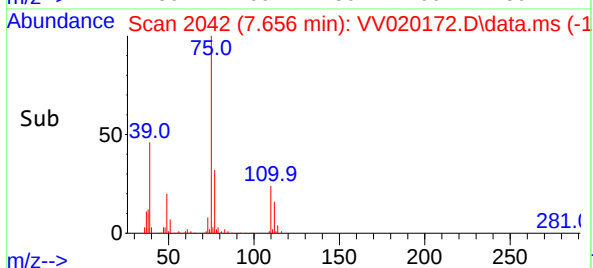
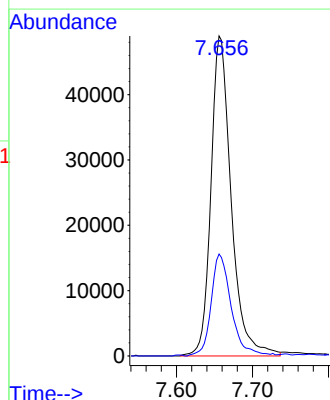
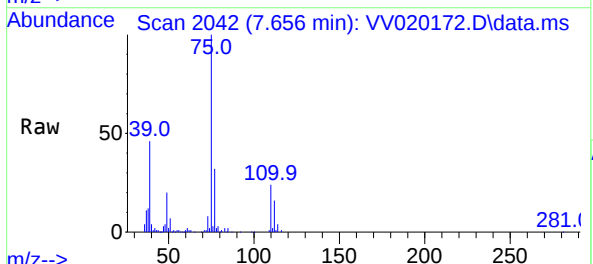
Acq: 26 Jan 2021 14:59

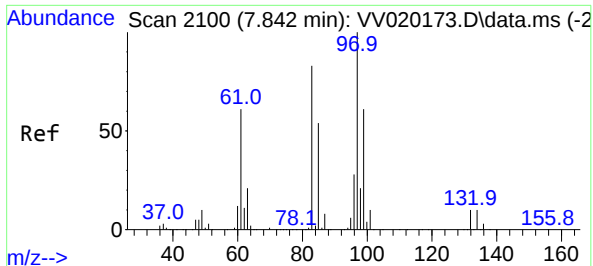
Tgt Ion: 75 Resp: 90691

Ion Ratio Lower Upper

75 100

77 31.9 22.5 41.7





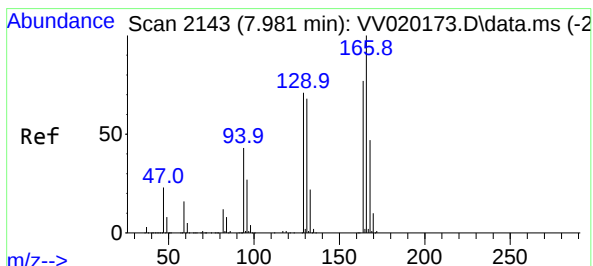
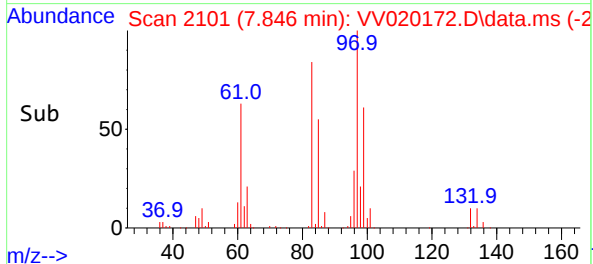
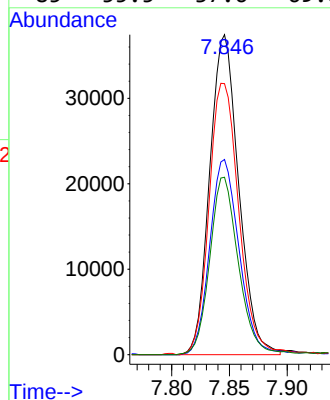
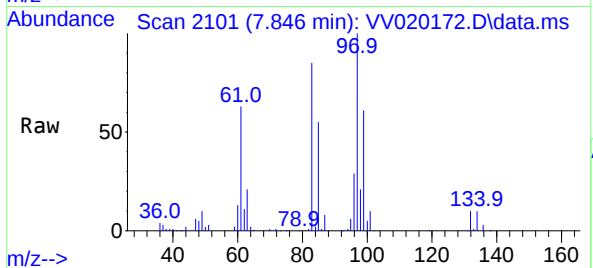
#45

1,1,2-Trichloroethane
Concen: 10.84 ug/L
RT: 7.846 min Scan# 2101
Delta R.T. 0.003 min
Lab File: VV020172.D
Acq: 26 Jan 2021 14:59

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 97 Resp: 65462

Ion	Ratio	Lower	Upper
97	100		
99	61.0	43.0	79.8
83	84.7	57.8	107.4
85	55.5	37.6	69.8

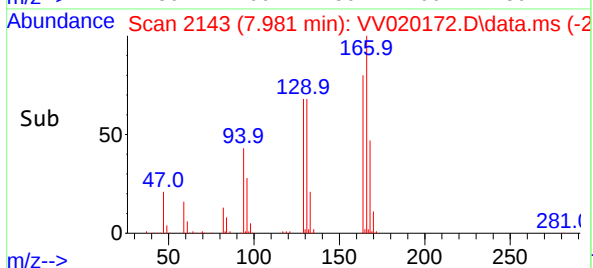
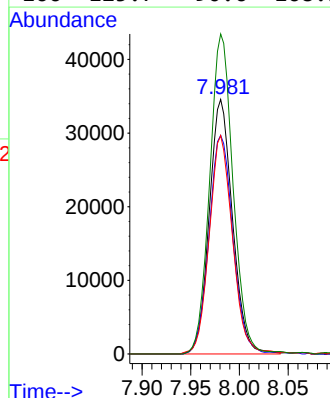
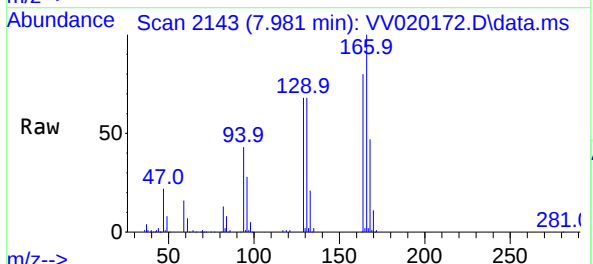


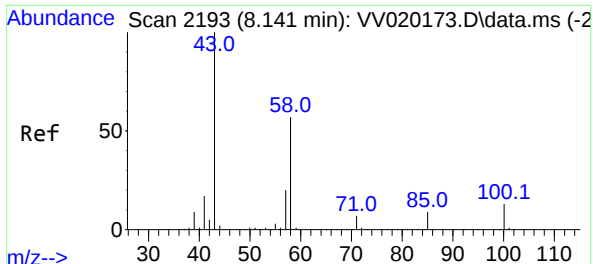
#46

Tetrachloroethene
Concen: 11.02 ug/L
RT: 7.981 min Scan# 2143
Delta R.T. 0.000 min
Lab File: VV020172.D
Acq: 26 Jan 2021 14:59

Tgt Ion: 164 Resp: 57436

Ion	Ratio	Lower	Upper
164	100		
129	85.8	64.0	118.8
131	85.8	61.2	113.8
166	125.7	90.6	168.3



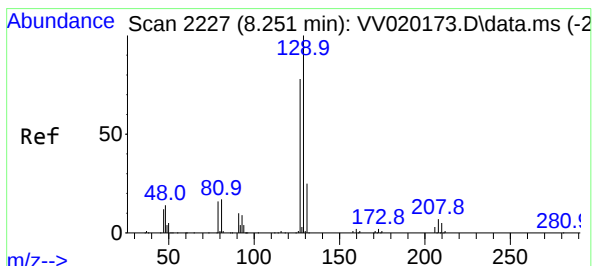
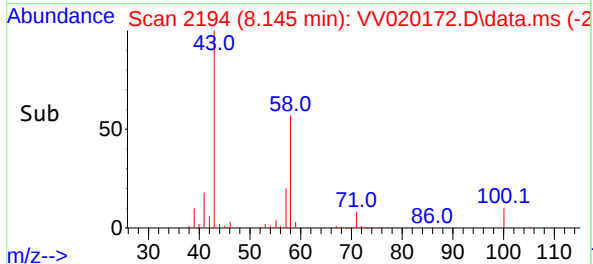
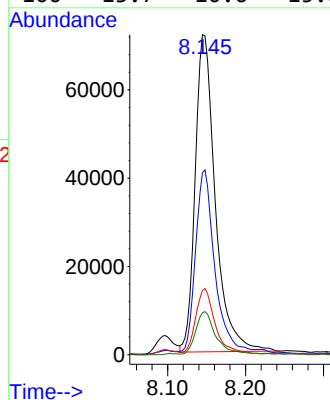
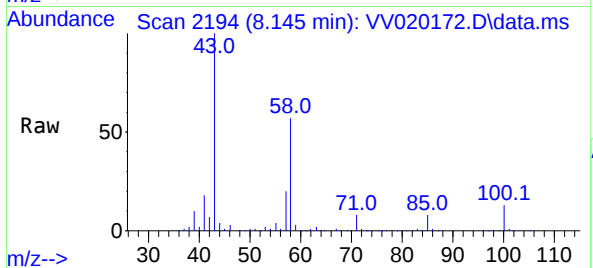


#48
2-Hexanone
Concen: 18.88 ug/L
RT: 8.145 min Scan# 2194
Delta R.T. 0.003 min
Lab File: VV020172.D
Acq: 26 Jan 2021 14:59

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 129374

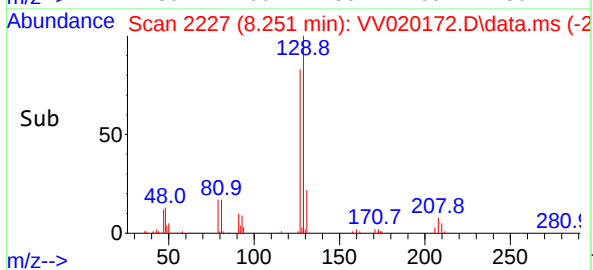
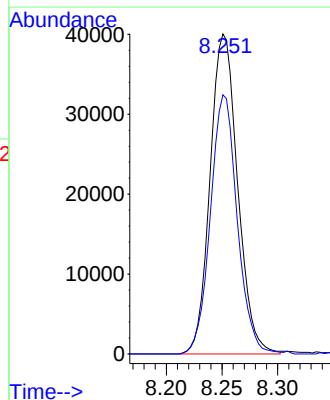
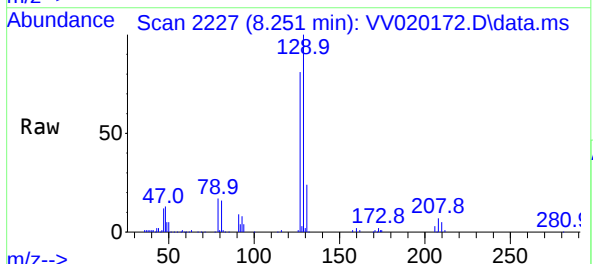
Ion	Ratio	Lower	Upper
43	100		
58	53.8	45.3	67.9
57	20.5	15.8	23.6
100	13.7	10.6	15.8

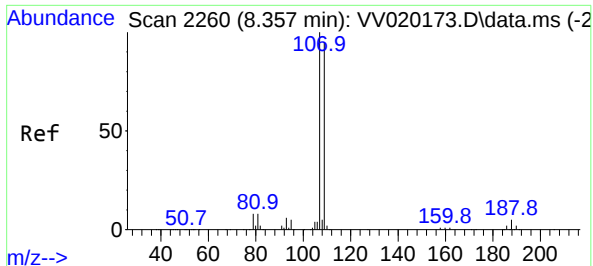


#49
Dibromochloromethane
Concen: 10.12 ug/L
RT: 8.251 min Scan# 2227
Delta R.T. -0.000 min
Lab File: VV020172.D
Acq: 26 Jan 2021 14:59

Tgt Ion: 129 Resp: 68963

Ion	Ratio	Lower	Upper
129	100		
127	81.0	54.7	101.7





#50

1,2-Dibromoethane

Concen: 10.45 ug/L

RT: 8.357 min Scan# 2260

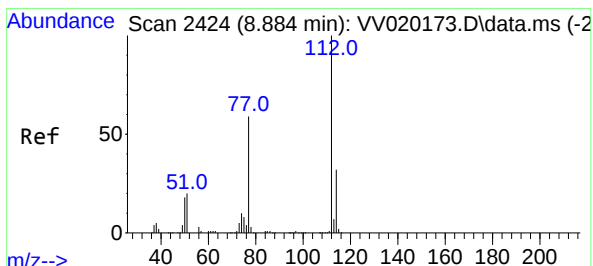
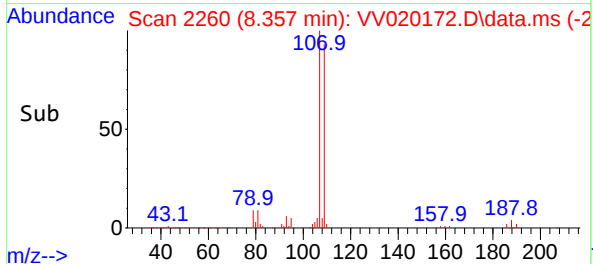
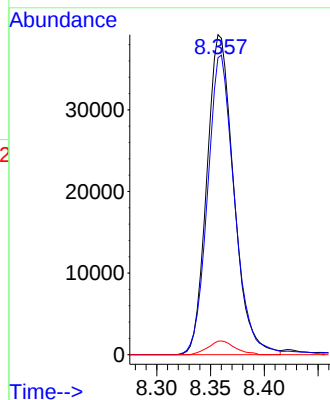
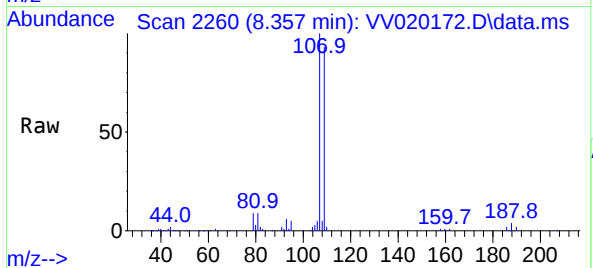
Delta R.T. 0.000 min

Lab File: VV020172.D

Acq: 26 Jan 2021 14:59

Tgt Ion:	107	Resp:	68214
Ion	Ratio	Lower	Upper
107	100		
109	92.8	66.2	123.0
188	4.2	3.6	5.4

Instrument :
MSVOA_V
ClientSampleId :



#51

Chlorobenzene

Concen: 10.82 ug/L

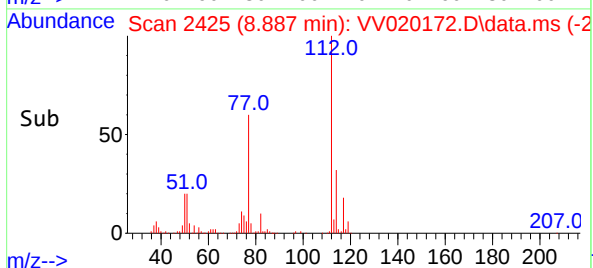
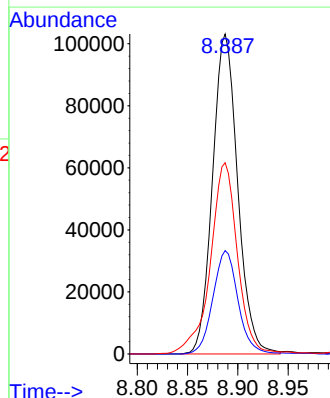
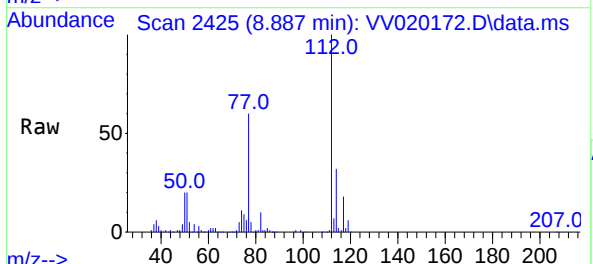
RT: 8.887 min Scan# 2425

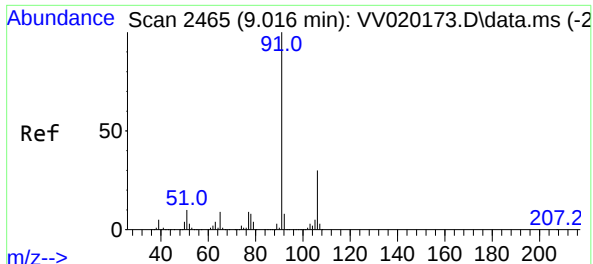
Delta R.T. 0.003 min

Lab File: VV020172.D

Acq: 26 Jan 2021 14:59

Tgt Ion:	112	Resp:	179751
Ion	Ratio	Lower	Upper
112	100		
114	32.3	22.5	41.7
77	59.7	47.3	70.9

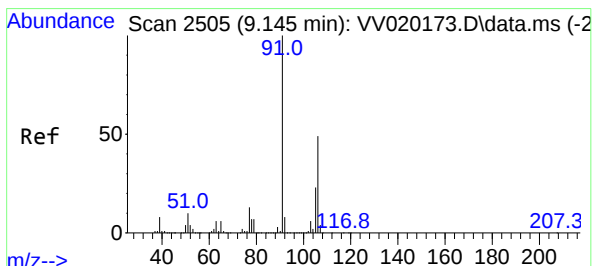
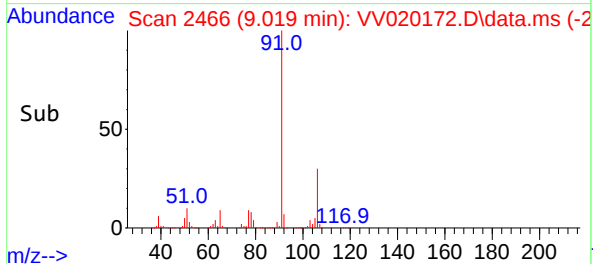
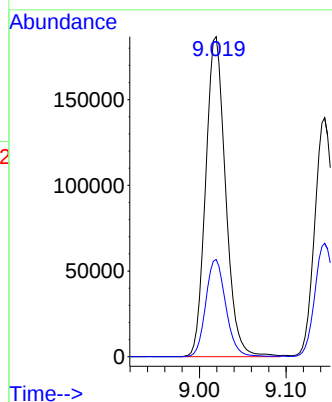
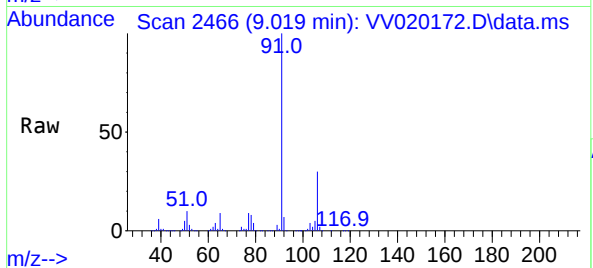




#52
Ethylbenzene
Concen: 10.61 ug/L
RT: 9.019 min Scan# 2466
Delta R.T. 0.003 min
Lab File: VV020172.D
Acq: 26 Jan 2021 14:59

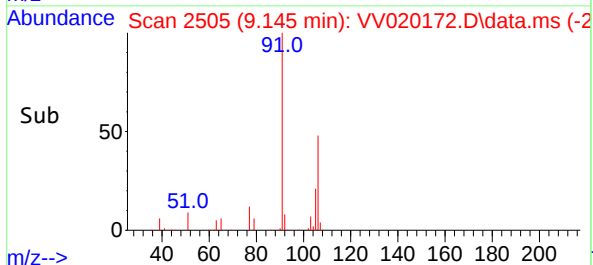
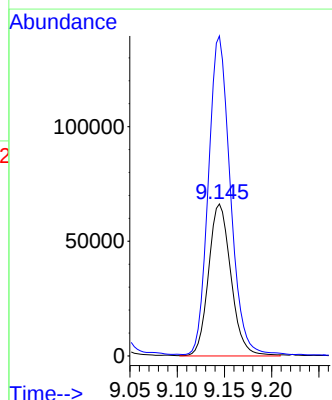
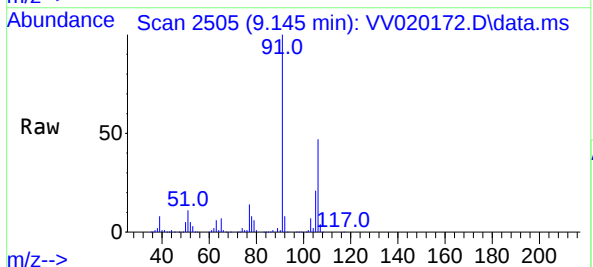
Instrument :
MSVOA_V
ClientSampled :

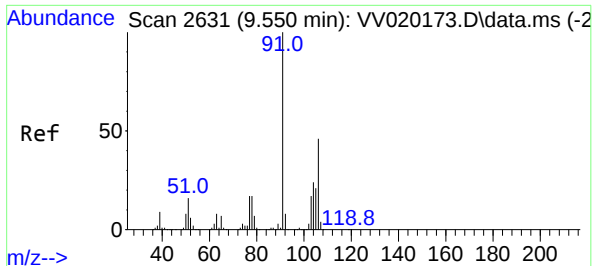
Tgt Ion: 91 Resp: 298414
Ion Ratio Lower Upper
91 100
106 30.4 21.3 39.6



#53
m,p-Xylene
Concen: 10.24 ug/L
RT: 9.145 min Scan# 2505
Delta R.T. 0.000 min
Lab File: VV020172.D
Acq: 26 Jan 2021 14:59

Tgt Ion:106 Resp: 109347
Ion Ratio Lower Upper
106 100
91 210.6 143.1 265.7

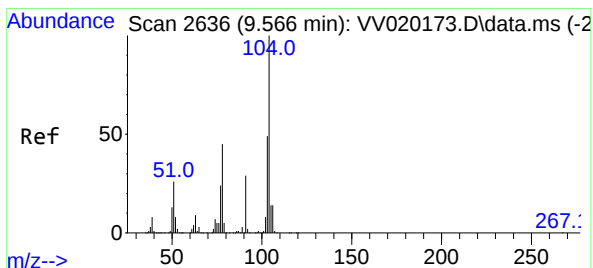
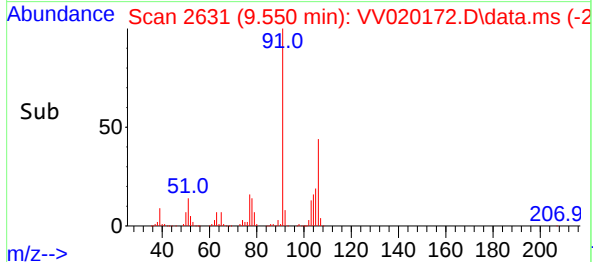
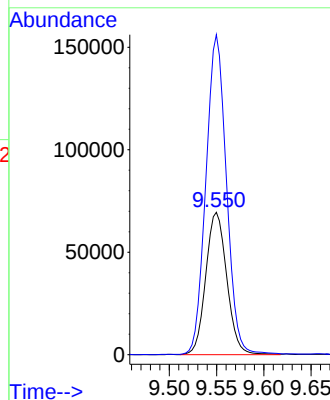
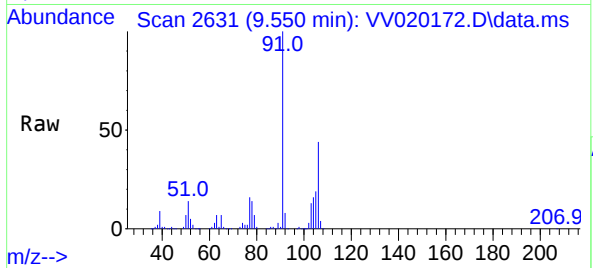




#54
o-Xylene
Concen: 10.39 ug/L
RT: 9.550 min Scan# 2631
Delta R.T. -0.000 min
Lab File: VV020172.D
Acq: 26 Jan 2021 14:59

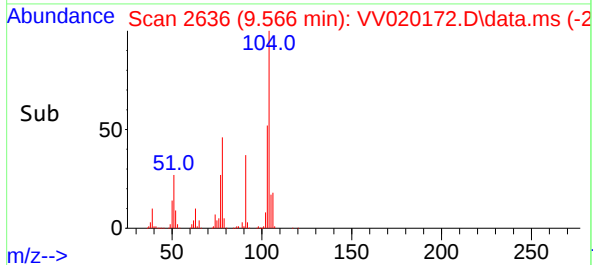
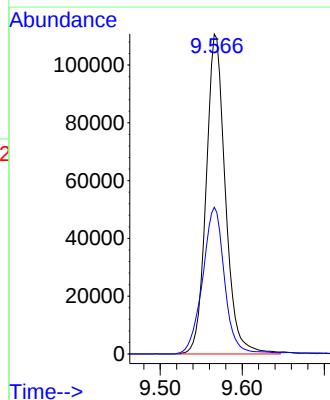
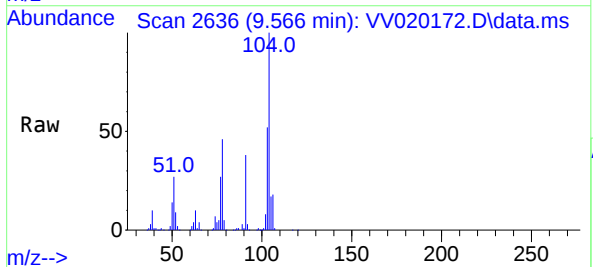
Instrument :
MSVOA_V
ClientSampled :

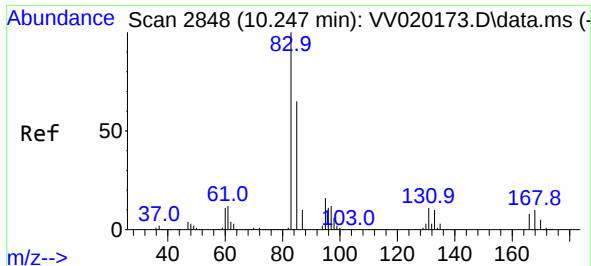
Tgt Ion:106 Resp: 107698
Ion Ratio Lower Upper
106 100
91 224.8 153.6 285.3



#55
Styrene
Concen: 9.73 ug/L
RT: 9.566 min Scan# 2636
Delta R.T. 0.000 min
Lab File: VV020172.D
Acq: 26 Jan 2021 14:59

Tgt Ion:104 Resp: 180337
Ion Ratio Lower Upper
104 100
78 45.8 31.6 58.8

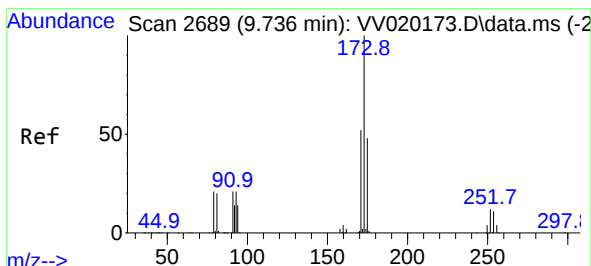
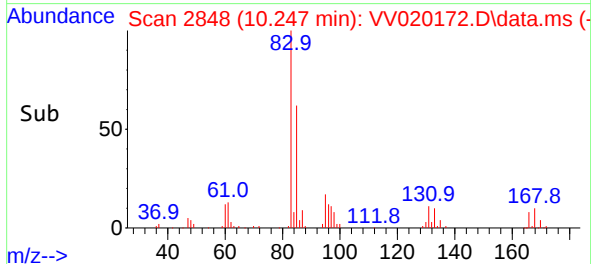
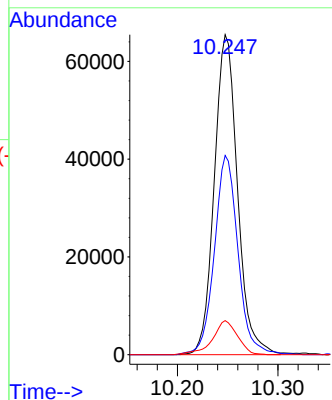
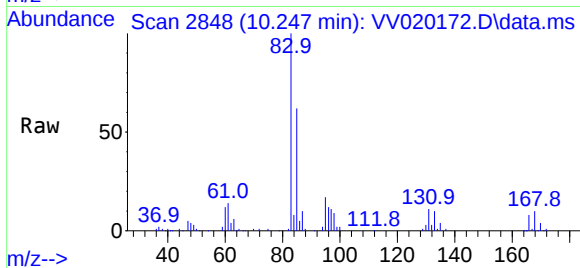




#57
1,1,2,2-Tetrachloroethane
Concen: 11.05 ug/L
RT: 10.247 min Scan# 2848
Delta R.T. 0.000 min
Lab File: VV020172.D
Acq: 26 Jan 2021 14:59

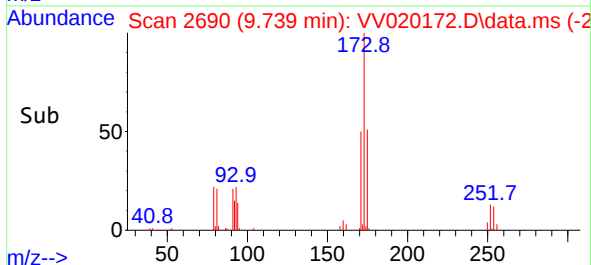
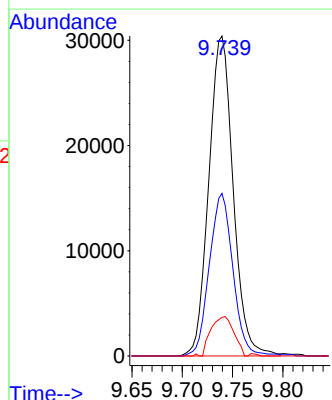
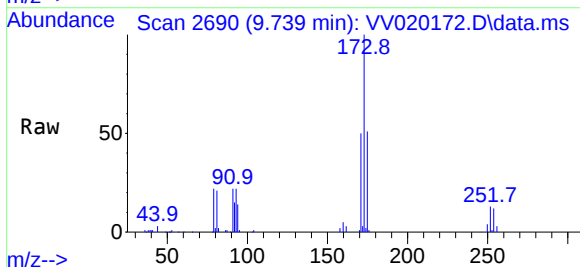
Instrument :
MSVOA_V
ClientSampleId :

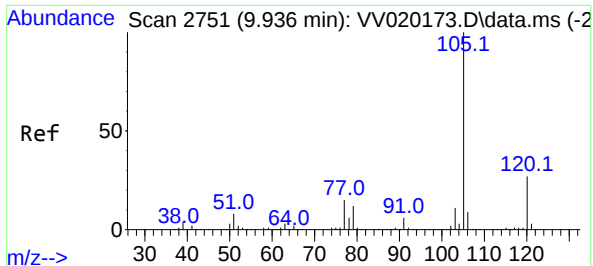
Tgt Ion: 83 Resp: 105031
Ion Ratio Lower Upper
83 100
85 62.2 45.4 84.4
131 10.7 8.6 12.8



#59
Bromoform
Concen: 10.20 ug/L
RT: 9.739 min Scan# 2690
Delta R.T. 0.003 min
Lab File: VV020172.D
Acq: 26 Jan 2021 14:59

Tgt Ion: 173 Resp: 51224
Ion Ratio Lower Upper
173 100
175 49.0 39.0 58.6
254 11.6 9.5 14.3



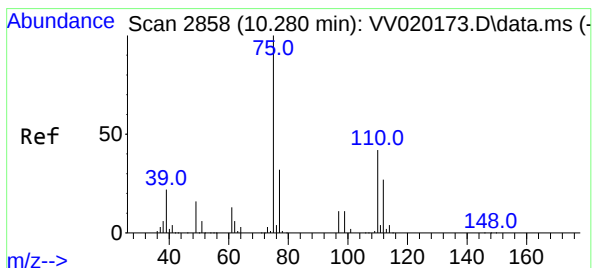
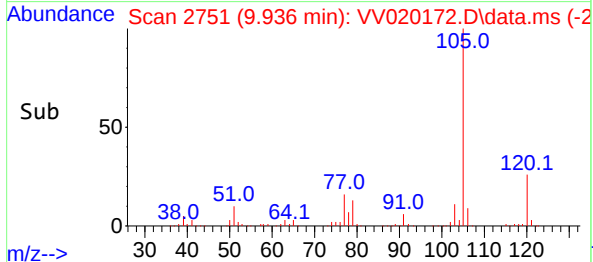
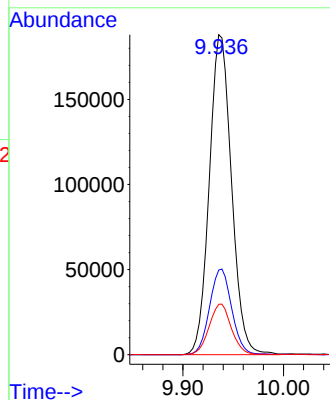
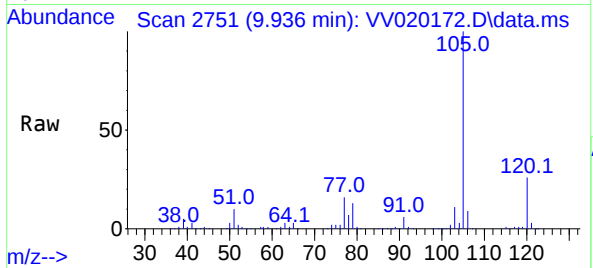


#60
Isopropylbenzene
Concen: 12.10 ug/L
RT: 9.936 min Scan# 2751
Delta R.T. -0.000 min
Lab File: VV020172.D
Acq: 26 Jan 2021 14:59

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion:105 Resp: 288789

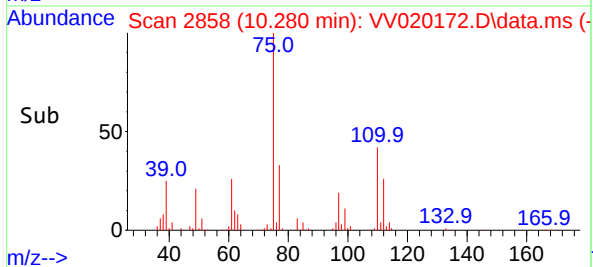
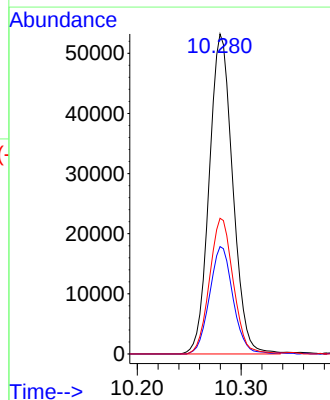
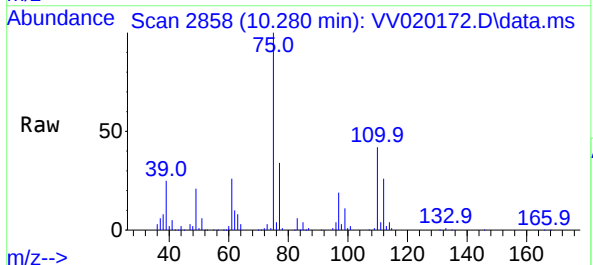
Ion	Ratio	Lower	Upper
105	100		
120	26.7	21.2	31.8
77	15.8	11.8	17.6

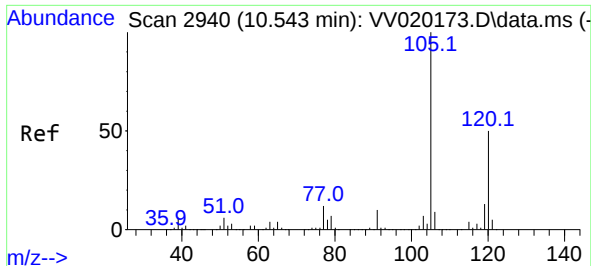


#61
1,2,3-Trichloropropane
Concen: 11.25 ug/L
RT: 10.280 min Scan# 2858
Delta R.T. 0.000 min
Lab File: VV020172.D
Acq: 26 Jan 2021 14:59

Tgt Ion: 75 Resp: 83583

Ion	Ratio	Lower	Upper
75	100		
77	33.5	25.7	38.5
110	42.8	33.3	49.9

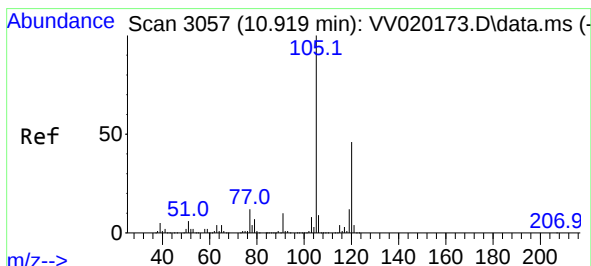
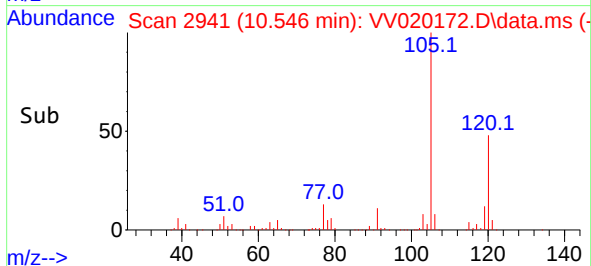
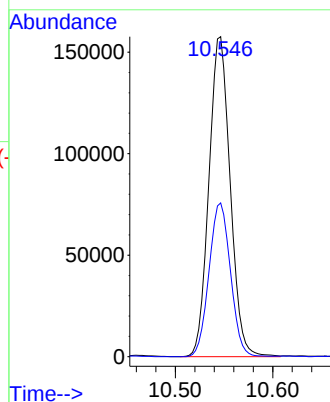
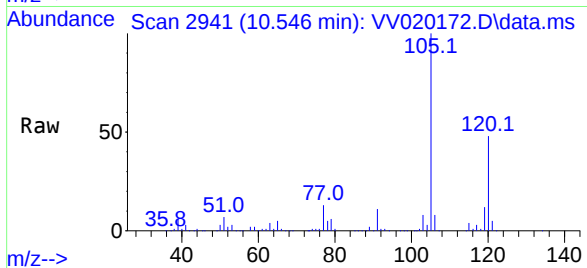




#62
1,3,5-Trimethylbenzene
Concen: 11.44 ug/L
RT: 10.546 min Scan# 2941
Delta R.T. 0.003 min
Lab File: VV020172.D
Acq: 26 Jan 2021 14:59

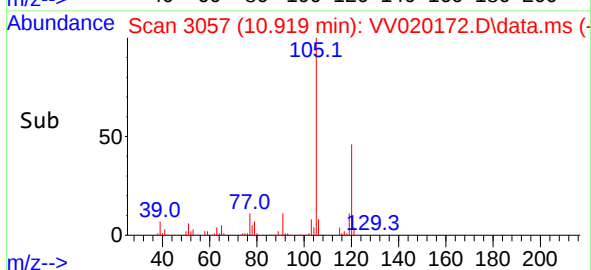
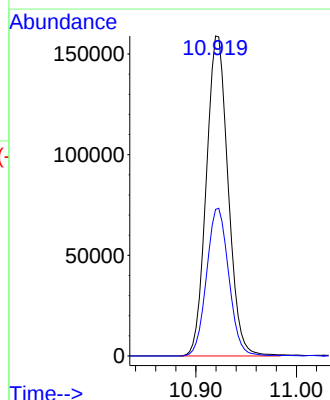
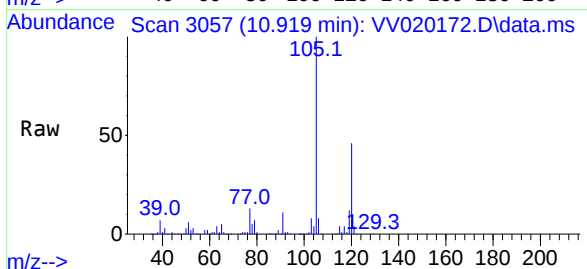
Instrument :
MSVOA_V
ClientSampled :

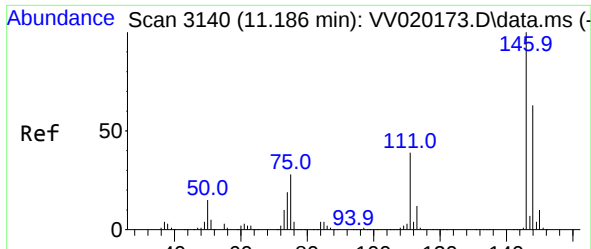
Tgt Ion:105 Resp: 239047
Ion Ratio Lower Upper
105 100
120 48.4 39.9 59.9



#63
1,2,4-Trimethylbenzene
Concen: 11.07 ug/L
RT: 10.919 min Scan# 3057
Delta R.T. -0.000 min
Lab File: VV020172.D
Acq: 26 Jan 2021 14:59

Tgt Ion:105 Resp: 239938
Ion Ratio Lower Upper
105 100
120 46.9 37.0 55.6

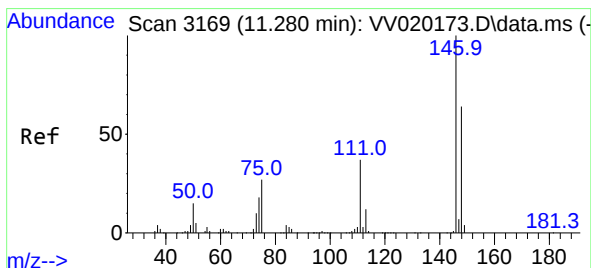
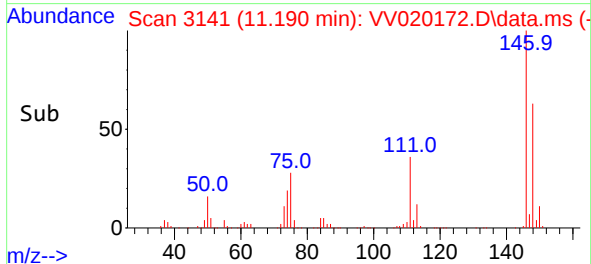
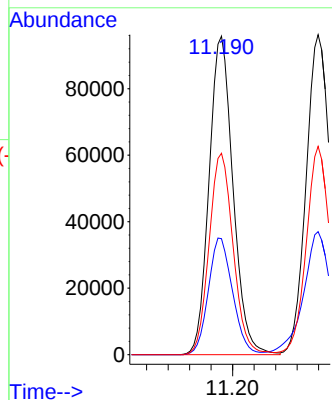
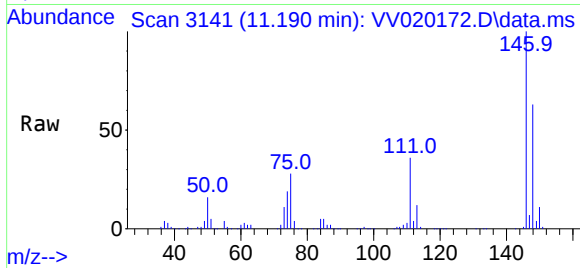




#64
1,3-Dichlorobenzene
Concen: 10.96 ug/L
RT: 11.190 min Scan# 3141
Delta R.T. 0.003 min
Lab File: VV020172.D
Acq: 26 Jan 2021 14:59

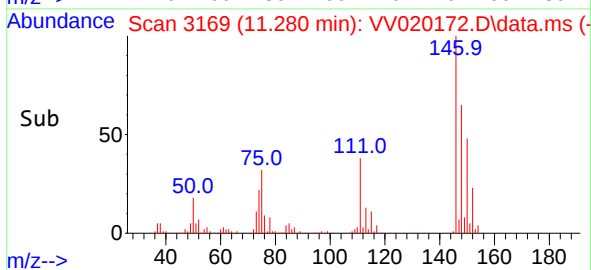
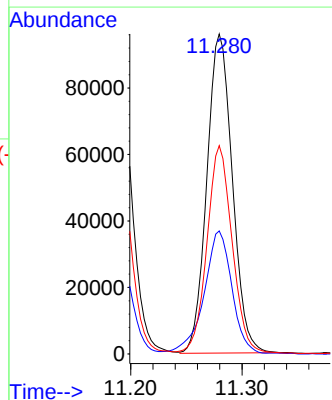
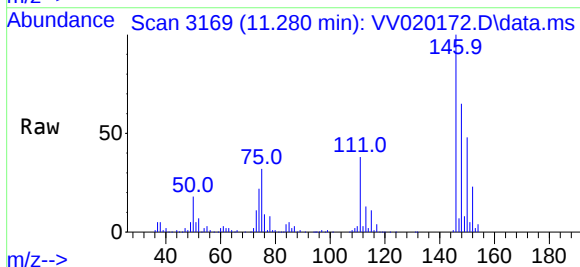
Instrument :
MSVOA_V
ClientSampleId :

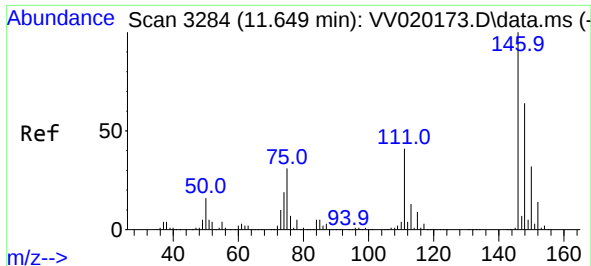
Tgt Ion:146 Resp: 147975
Ion Ratio Lower Upper
146 100
111 36.4 27.4 51.0
148 63.2 44.1 81.9



#65
1,4-Dichlorobenzene
Concen: 11.11 ug/L
RT: 11.280 min Scan# 3169
Delta R.T. -0.000 min
Lab File: VV020172.D
Acq: 26 Jan 2021 14:59

Tgt Ion:146 Resp: 152784
Ion Ratio Lower Upper
146 100
111 38.5 26.1 48.5
148 65.1 44.6 82.8

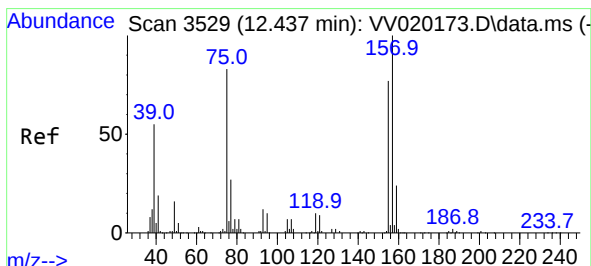
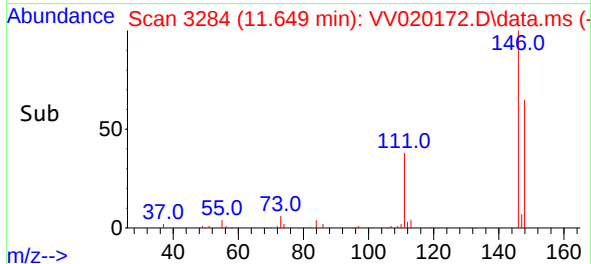
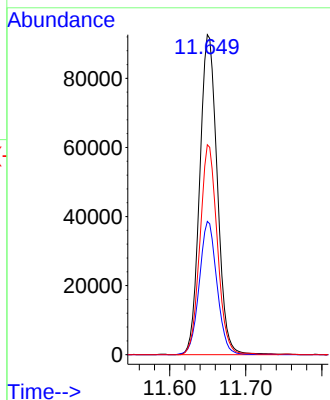
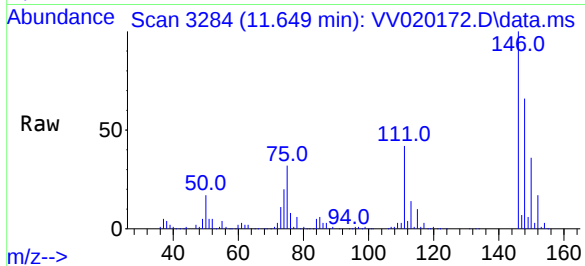




#67
1,2-Dichlorobenzene
Concen: 11.00 ug/L
RT: 11.649 min Scan# 3284
Delta R.T. 0.000 min
Lab File: VV020172.D
Acq: 26 Jan 2021 14:59

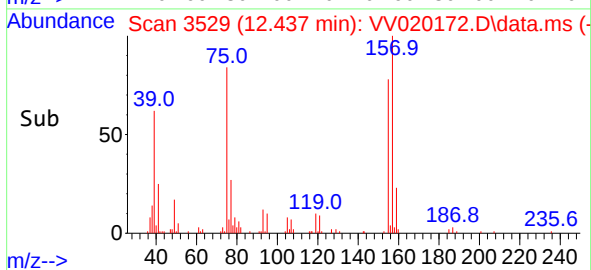
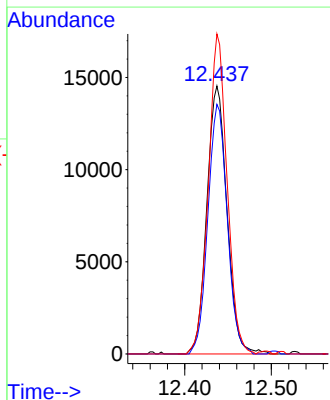
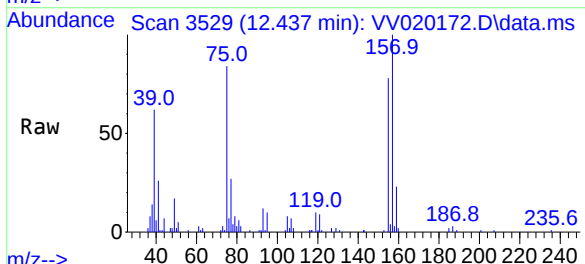
Instrument :
MSVOA_V
ClientSampled :

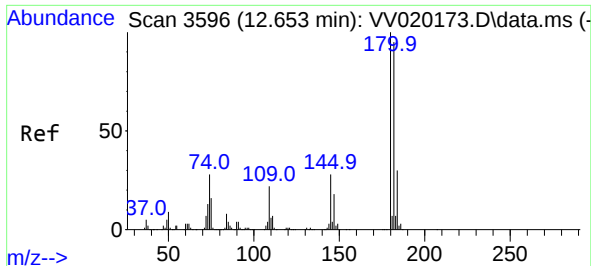
Tgt Ion:146 Resp: 148245
Ion Ratio Lower Upper
146 100
111 41.7 32.4 48.6
148 65.6 51.0 76.4



#68
1,2-Dibromo-3-chloropropane
Concen: 10.20 ug/L
RT: 12.437 min Scan# 3529
Delta R.T. 0.000 min
Lab File: VV020172.D
Acq: 26 Jan 2021 14:59

Tgt Ion: 75 Resp: 23500
Ion Ratio Lower Upper
75 100
155 93.2 74.1 111.1
157 119.4 95.8 143.8

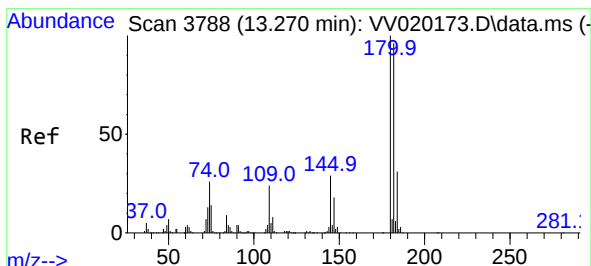
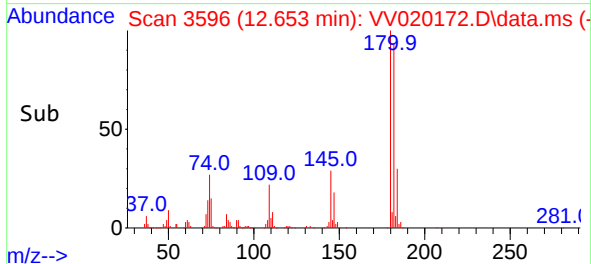
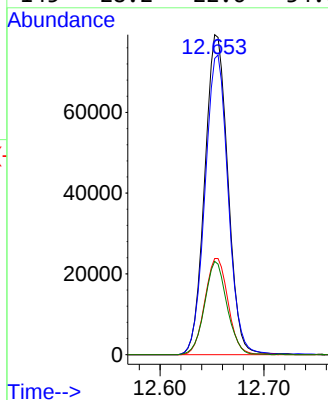
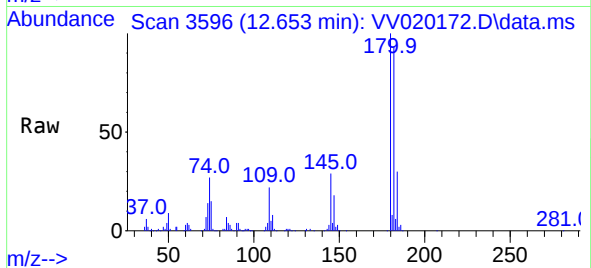




#69
1,3,5-Trichlorobenzene
Concen: 10.96 ug/L
RT: 12.653 min Scan# 3596
Delta R.T. -0.000 min
Lab File: VV020172.D
Acq: 26 Jan 2021 14:59

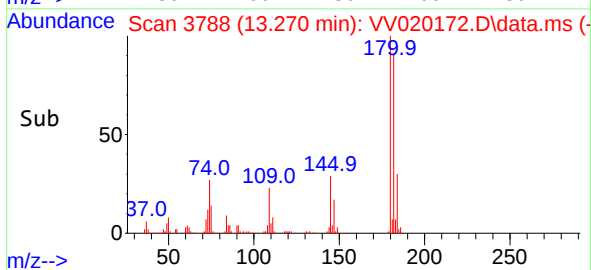
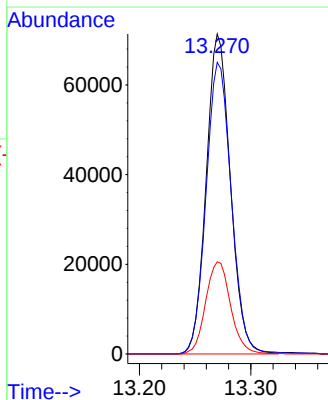
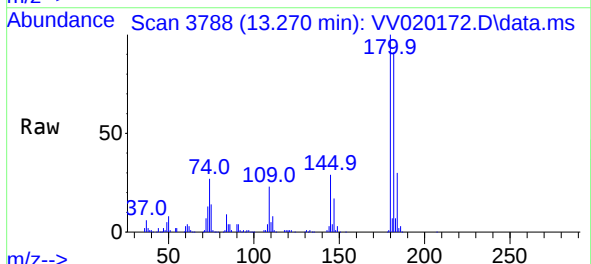
Instrument :
MSVOA_V
ClientSampleId :

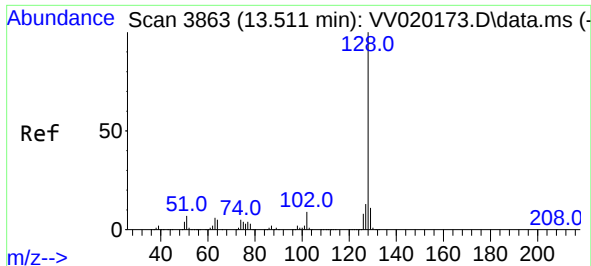
Tgt Ion:	180	Resp:	122432
Ion Ratio	Lower	Upper	
180	100		
182	93.9	76.1	114.1
184	30.2	24.1	36.1
145	28.2	22.6	34.0



#70
1,2,4-trichlorobenzene
Concen: 10.29 ug/L
RT: 13.270 min Scan# 3788
Delta R.T. 0.000 min
Lab File: VV020172.D
Acq: 26 Jan 2021 14:59

Tgt Ion:	180	Resp:	107677
Ion Ratio	Lower	Upper	
180	100		
182	95.0	77.1	115.7
145	29.6	23.4	35.2

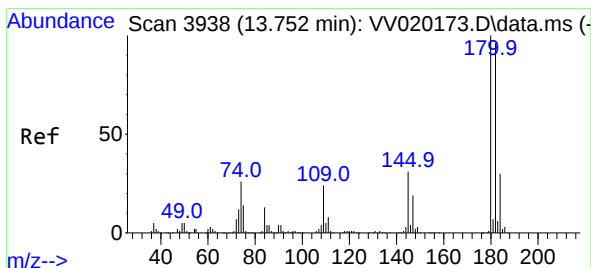
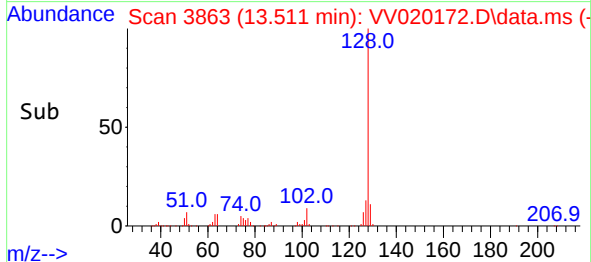
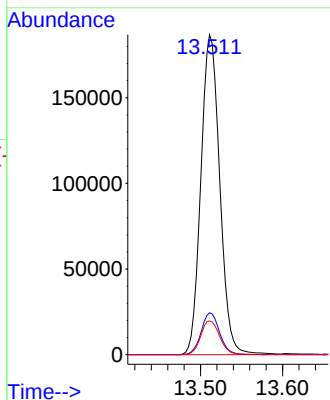
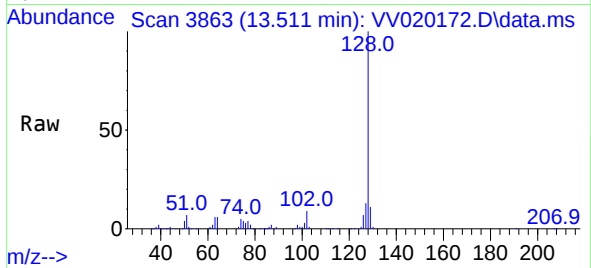




#71
Naphthalene
Concen: 9.55 ug/L
RT: 13.511 min Scan# 3863
Delta R.T. 0.000 min
Lab File: VV020172.D
Acq: 26 Jan 2021 14:59

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion:128 Resp: 298383
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 10.5 8.6 12.8



#72
1,2,3-Trichlorobenzene
Concen: 10.67 ug/L
RT: 13.752 min Scan# 3938
Delta R.T. -0.000 min
Lab File: VV020172.D
Acq: 26 Jan 2021 14:59

Tgt Ion:180 Resp: 110554
Ion Ratio Lower Upper
180 100
182 93.9 76.6 114.8
145 30.6 24.5 36.7

