

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070621\
 Data File : VX023141.D
 Acq On : 06 Jul 2021 13:21
 Operator : JC/MD
 Sample : M2907-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 07 02:50:59 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 02 14:29:42 2021
 Response via : Initial Calibration

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

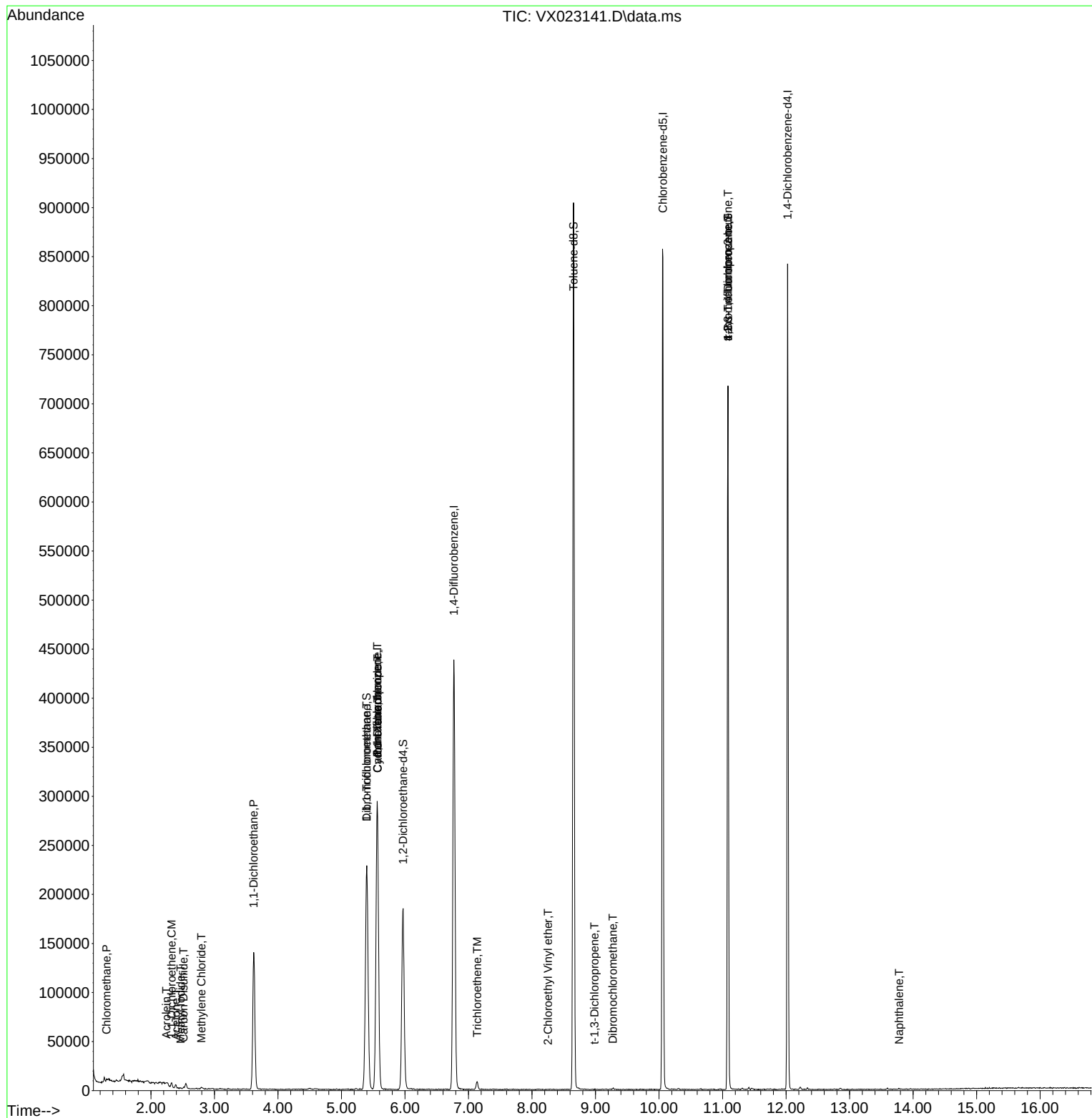
Internal Standards						
1) Pentafluorobenzene	5.562	168	272241	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	445349	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	398056	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	166749	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	183134	50.051	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	100.100%
35) Dibromofluoromethane	5.397	113	141532	49.214	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.420%
50) Toluene-d8	8.653	98	527613	49.182	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.360%
62) 4-Bromofluorobenzene	11.085	95	191175	46.161	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.320%
Target Compounds						
						Qvalue
3) Chloromethane	1.301	50	551	0.226	ug/l	94
5) Bromomethane	1.630	94	1186	Below Cal		85
10) Methyl Iodide	2.465	142	1013	0.314	ug/l #	90
12) 1,1-Dichloroethene	2.325	96	1706	0.703	ug/l	84
13) Acrolein	2.239	56	156	0.304	ug/l #	1
16) Acetone	2.392	43	3667	2.533	ug/l	95
17) Carbon Disulfide	2.514	76	1490	0.291	ug/l #	74
20) Methylene Chloride	2.794	84	687	0.220	ug/l #	67
24) 1,1-Dichloroethane	3.617	63	156058	31.067	ug/l	96
31) Cyclohexane	5.568	56	5879	1.342	ug/l #	1
32) 1,1,1-Trichloroethane	5.397	97	62585	13.243	ug/l	97
36) 1,1-Dichloropropene	5.562	75	21037	5.299	ug/l #	46
38) Carbon Tetrachloride	5.568	117	28046	6.768	ug/l #	16
44) Trichloroethene	7.135	130	3093	0.946	ug/l	96
53) t-1,3-Dichloropropene	8.982	75	55	2.747	ug/l #	44
58) 2-Chloroethyl Vinyl ether	8.251	63	78	4.719	ug/l #	45
60) Dibromochloromethane	9.275	129	100	3.139	ug/l #	11
76) 1,2,3-Trichloropropane	11.085	75	99680	29.706	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	99680	79.808	ug/l #	12
95) Naphthalene	13.780	128	719	1.332	ug/l #	85

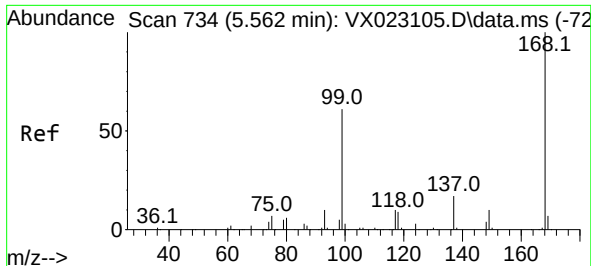
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampled :

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Quant Title : SW846 8260
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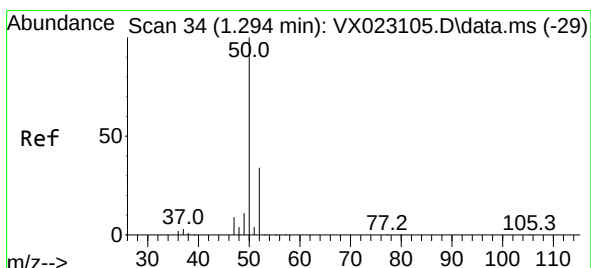
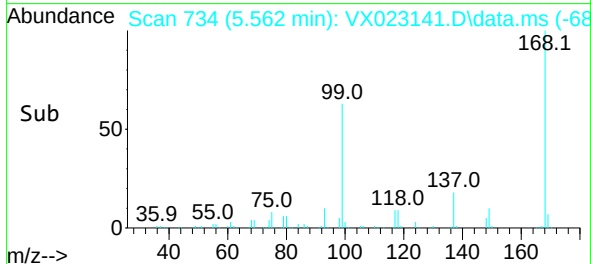
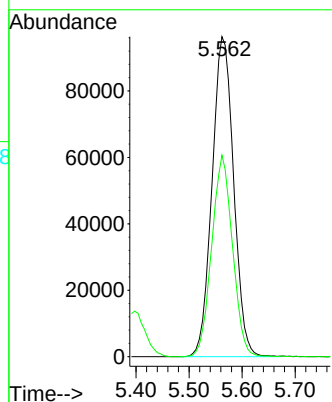
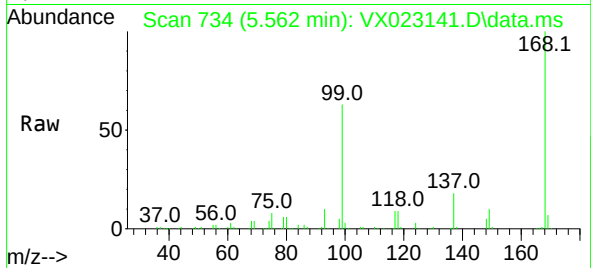




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX023141.D
Acq: 06 Jul 2021 13:21

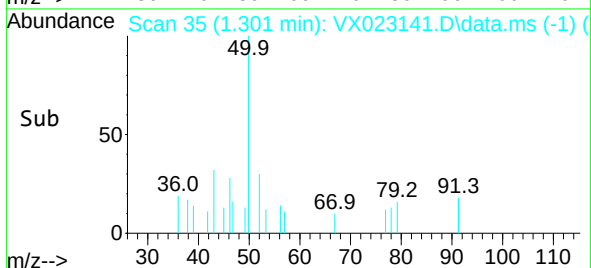
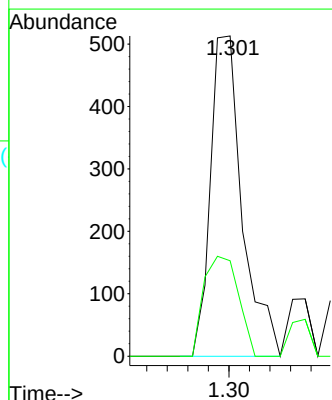
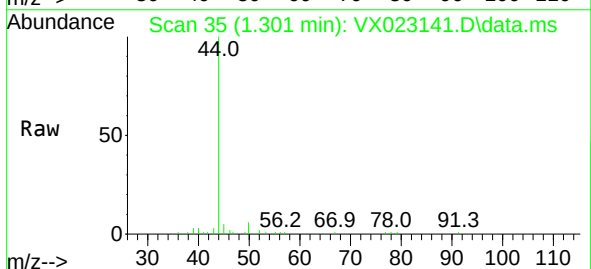
Instrument :
MSVOA_X
ClientSampleId :

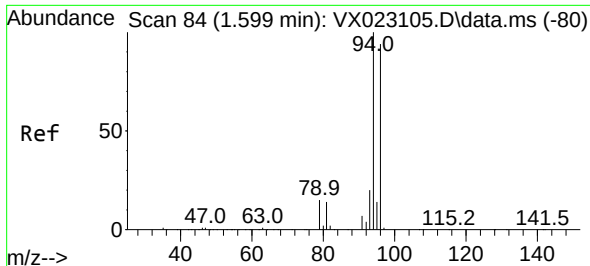
Tgt Ion:168 Resp: 272241
Ion Ratio Lower Upper
168 100
99 62.9 45.8 68.6



#3
Chloromethane
Concen: 0.226 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.007 min
Lab File: VX023141.D
Acq: 06 Jul 2021 13:21

Tgt Ion: 50 Resp: 551
Ion Ratio Lower Upper
50 100
52 29.8 26.4 39.6

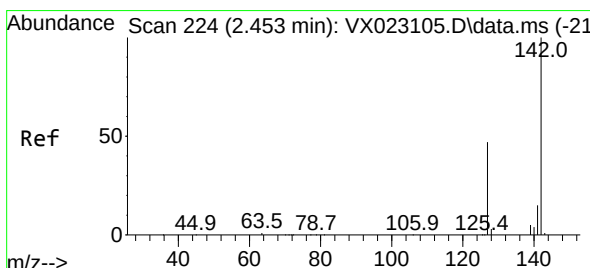
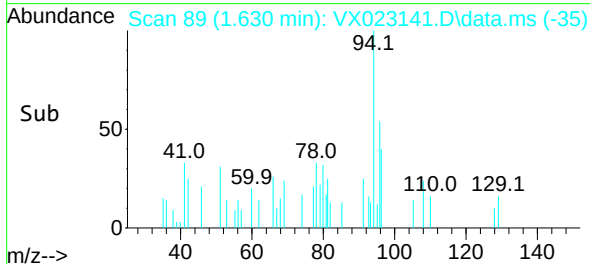
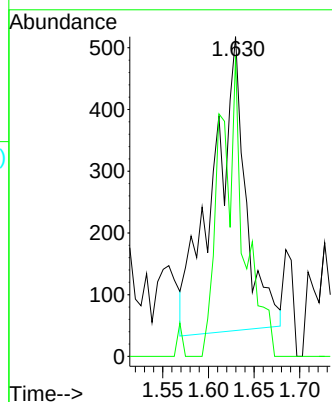
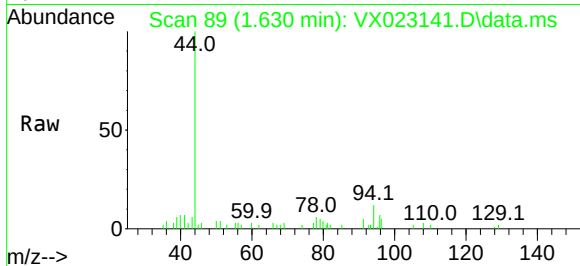




#5
Bromomethane
Concen: Below Cal
RT: 1.630 min Scan# 89
Delta R.T. 0.031 min
Lab File: VX023141.D
Acq: 06 Jul 2021 13:21

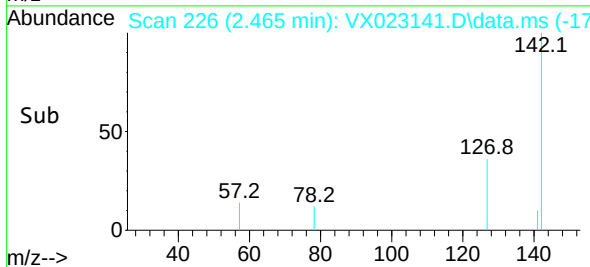
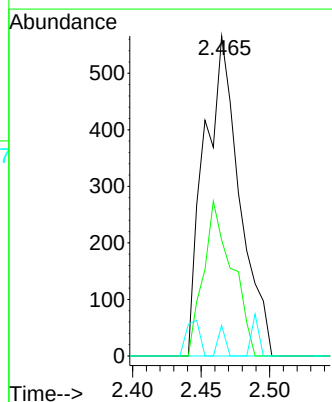
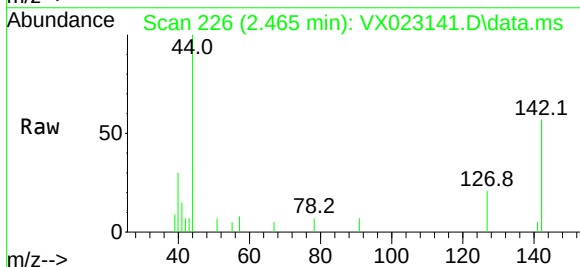
Instrument :
MSVOA_X
ClientSampled :

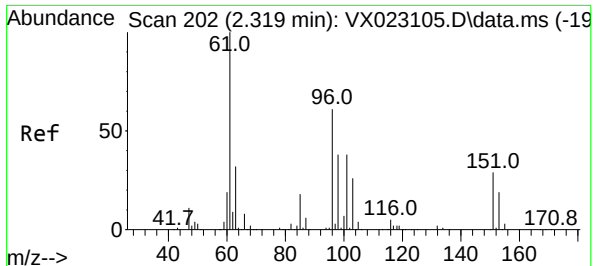
Tgt Ion: 94 Resp: 1186
Ion Ratio Lower Upper
94 100
96 109.7 76.4 114.6



#10
Methyl Iodide
Concen: 0.314 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.012 min
Lab File: VX023141.D
Acq: 06 Jul 2021 13:21

Tgt Ion: 142 Resp: 1013
Ion Ratio Lower Upper
142 100
127 39.4 33.3 49.9
141 2.0 11.4 17.0#





#12

1,1-Dichloroethene

Concen: 0.703 ug/l

RT: 2.325 min Scan# 203

Delta R.T. 0.006 min

Lab File: VX023141.D

Acq: 06 Jul 2021 13:21

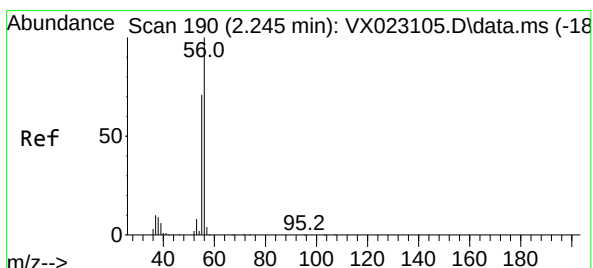
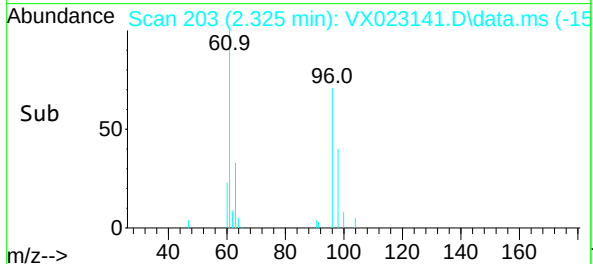
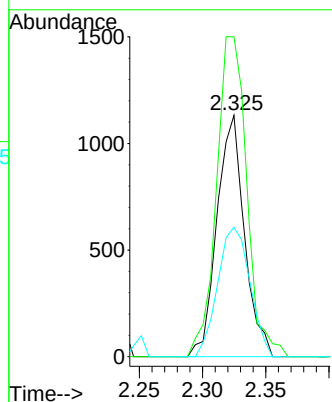
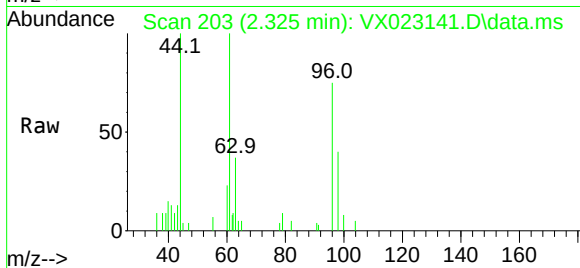
Tgt Ion: 96 Resp: 1706

Ion Ratio Lower Upper

96 100

61 132.5 124.6 187.0

98 53.6 50.6 76.0



#13

Acrolein

Concen: 0.304 ug/l

RT: 2.239 min Scan# 189

Delta R.T. -0.006 min

Lab File: VX023141.D

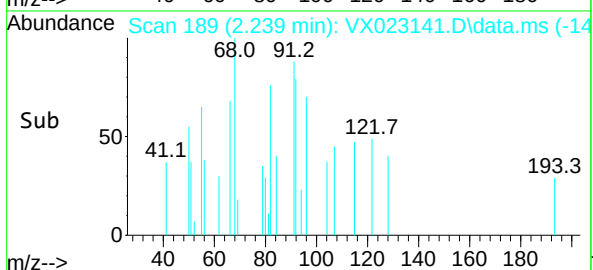
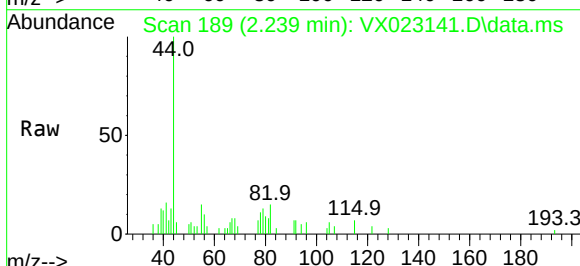
Acq: 06 Jul 2021 13:21

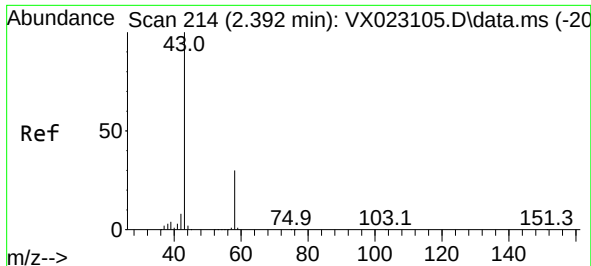
Tgt Ion: 56 Resp: 156

Ion Ratio Lower Upper

56 100

55 235.9 56.4 84.6#

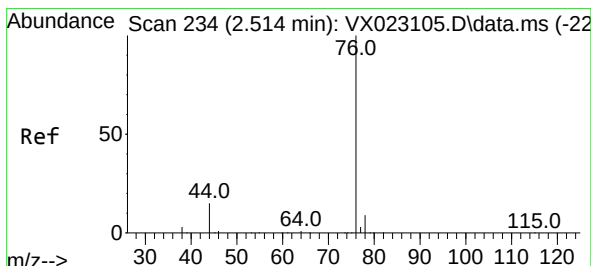
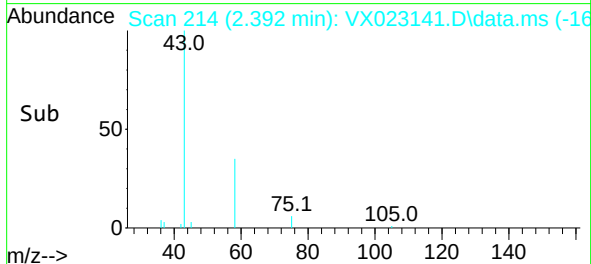
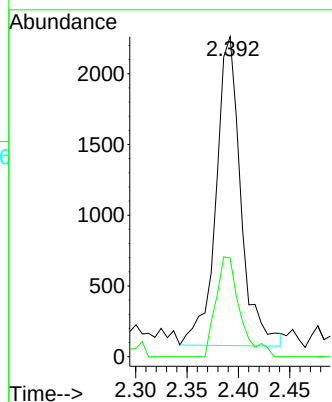
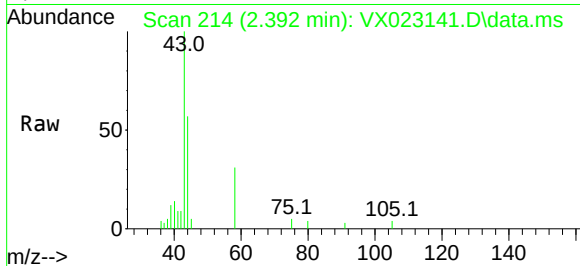




#16
Acetone
Concen: 2.533 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX023141.D
Acq: 06 Jul 2021 13:21

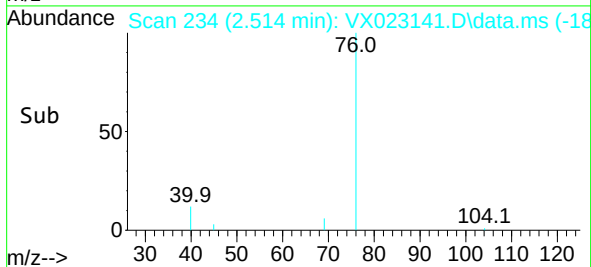
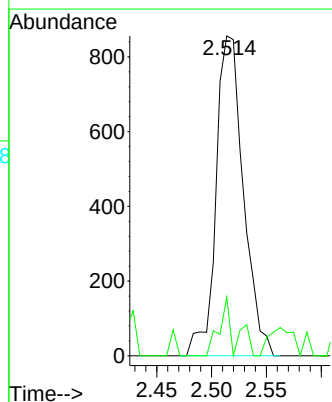
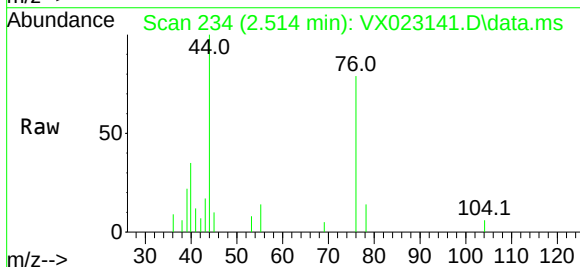
Instrument :
MSVOA_X
ClientSampled :

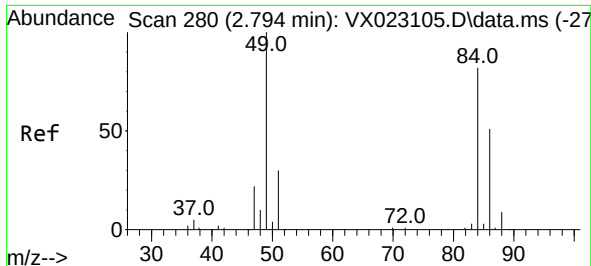
Tgt Ion: 43 Resp: 3667
Ion Ratio Lower Upper
43 100
58 32.0 27.8 41.8



#17
Carbon Disulfide
Concen: 0.291 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX023141.D
Acq: 06 Jul 2021 13:21

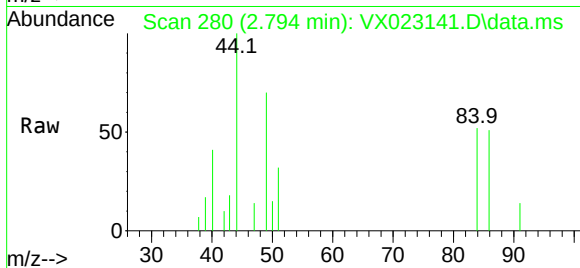
Tgt Ion: 76 Resp: 1490
Ion Ratio Lower Upper
76 100
78 18.3 7.2 10.8#





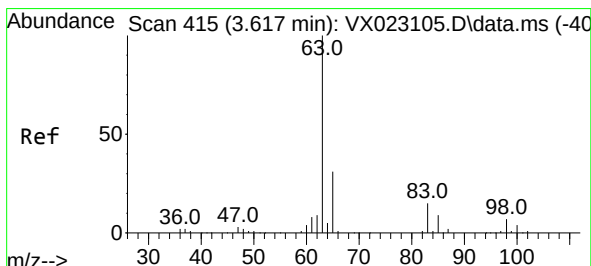
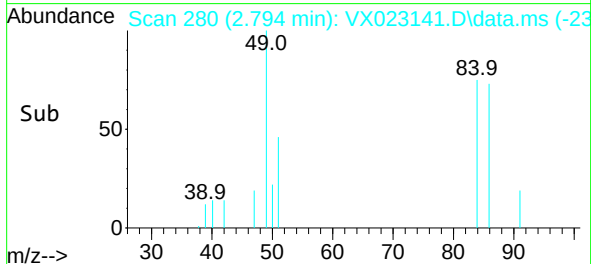
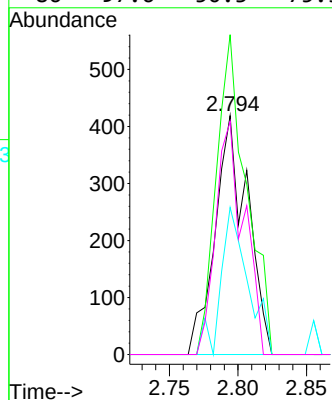
#20
Methylene Chloride
Concen: 0.220 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX023141.D
Acq: 06 Jul 2021 13:21

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 84 Resp: 687

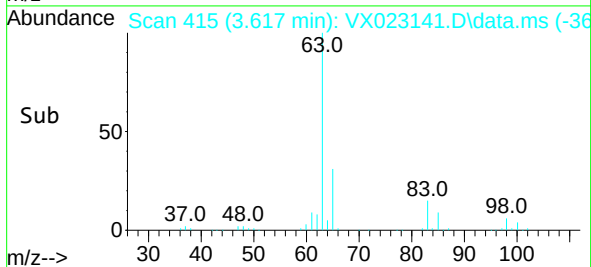
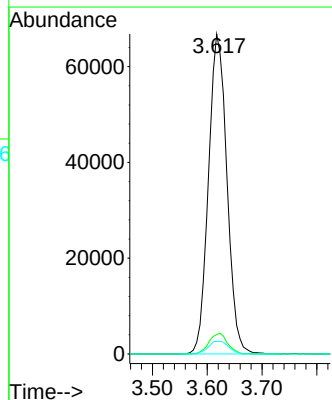
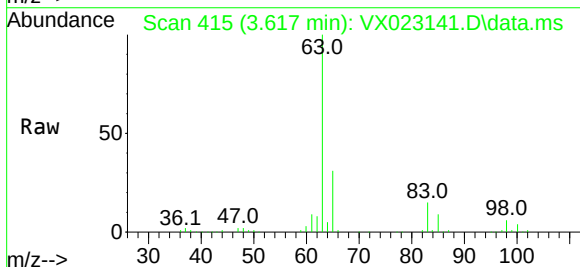
Ion	Ratio	Lower	Upper
84	100		
49	133.9	88.6	132.8#
51	61.6	27.0	40.6#
86	97.6	50.3	75.5#

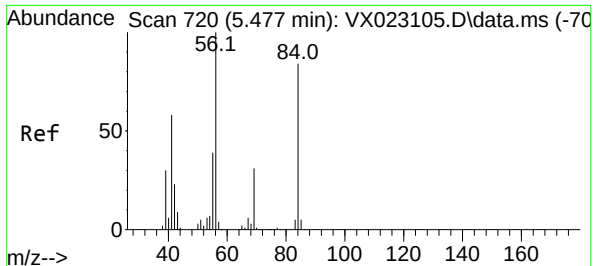


#24
1,1-Dichloroethane
Concen: 31.067 ug/l
RT: 3.617 min Scan# 415
Delta R.T. 0.000 min
Lab File: VX023141.D
Acq: 06 Jul 2021 13:21

Tgt Ion: 63 Resp: 156058

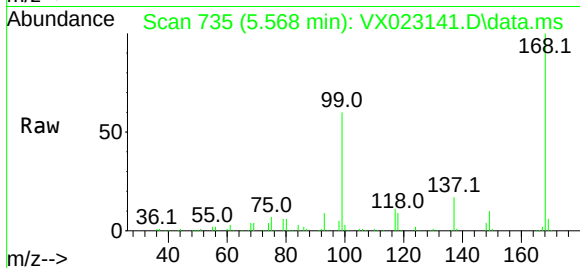
Ion	Ratio	Lower	Upper
63	100		
98	6.1	3.8	11.2
100	4.0	2.5	7.5



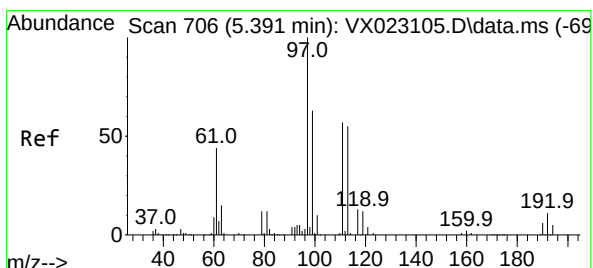
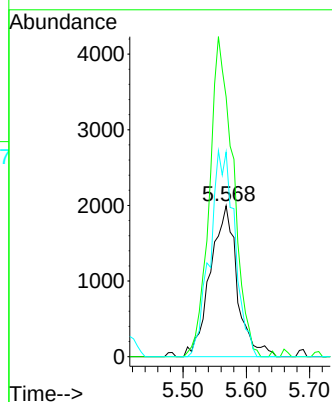
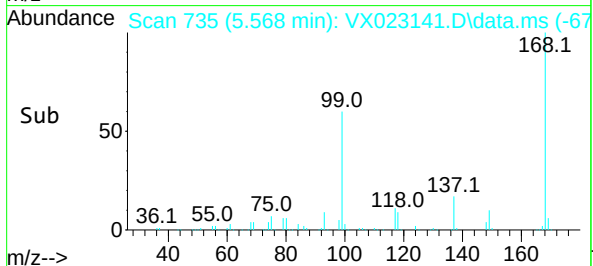


#31
Cyclohexane
Concen: 1.342 ug/l
RT: 5.568 min Scan# 735
Delta R.T. 0.091 min
Lab File: VX023141.D
Acq: 06 Jul 2021 13:21

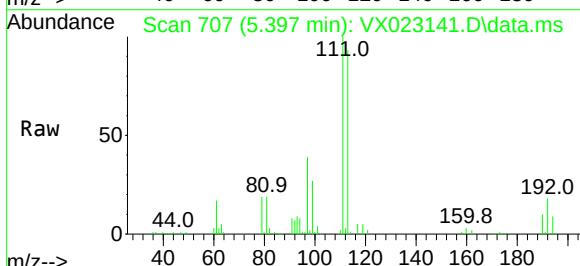
Instrument :
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ClientSampleId :



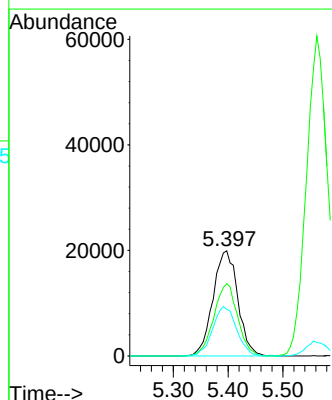
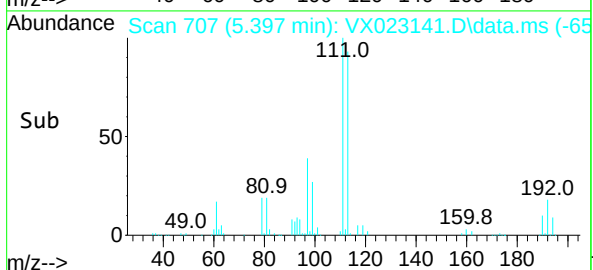
Tgt Ion: 56 Resp: 5879
Ion Ratio Lower Upper
56 100
69 172.1 25.3 37.9#
84 135.6 71.4 107.0#

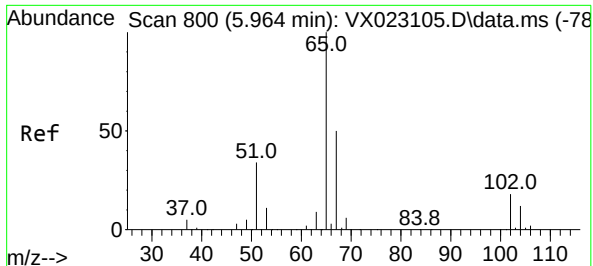


#32
1,1,1-Trichloroethane
Concen: 13.243 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX023141.D
Acq: 06 Jul 2021 13:21



Tgt Ion: 97 Resp: 62585
Ion Ratio Lower Upper
97 100
99 65.7 51.5 77.3
61 45.3 34.2 51.4

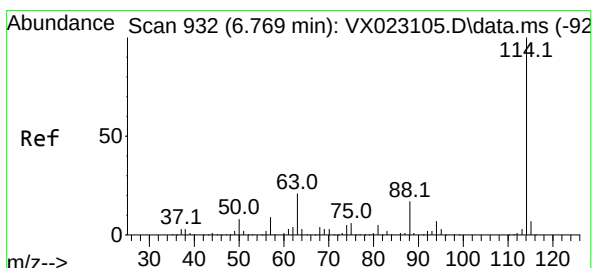
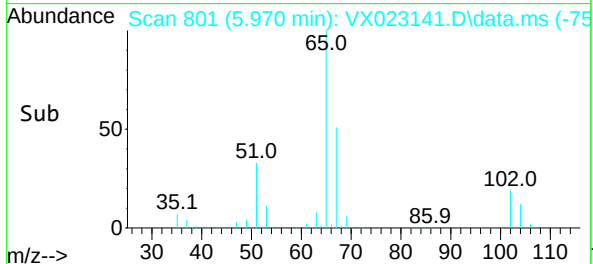
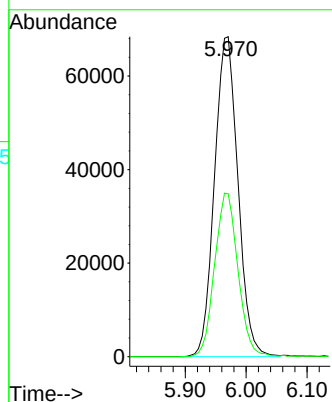
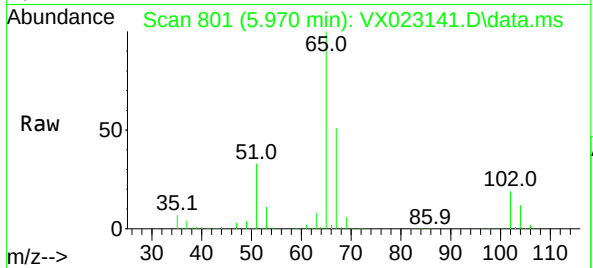




#33
1,2-Dichloroethane-d4
Concen: 50.051 ug/l
RT: 5.970 min Scan# 801
Delta R.T. 0.006 min
Lab File: VX023141.D
Acq: 06 Jul 2021 13:21

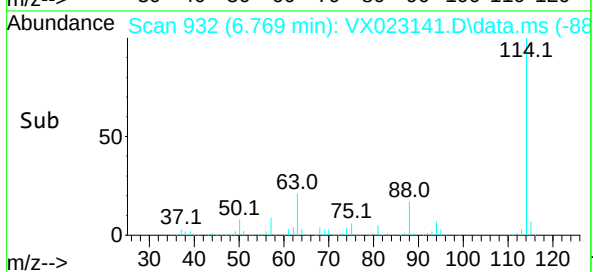
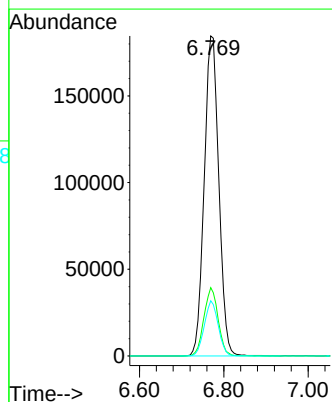
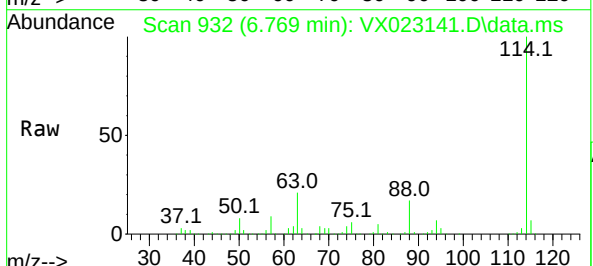
Instrument :
MSVOA_X
ClientSampleId :

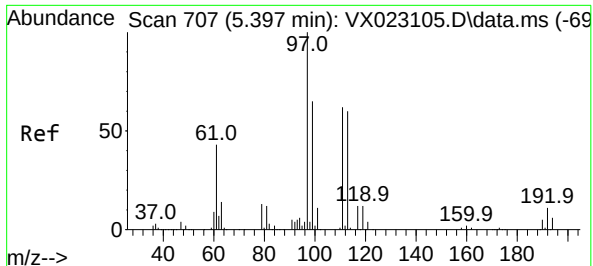
Tgt Ion: 65 Resp: 183134
Ion Ratio Lower Upper
65 100
67 50.9 0.0 105.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX023141.D
Acq: 06 Jul 2021 13:21

Tgt Ion: 114 Resp: 445349
Ion Ratio Lower Upper
114 100
63 21.3 0.0 40.8
88 17.3 0.0 32.8

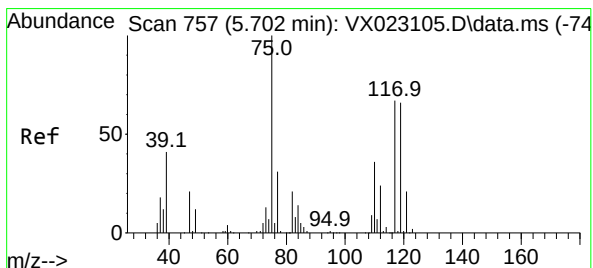
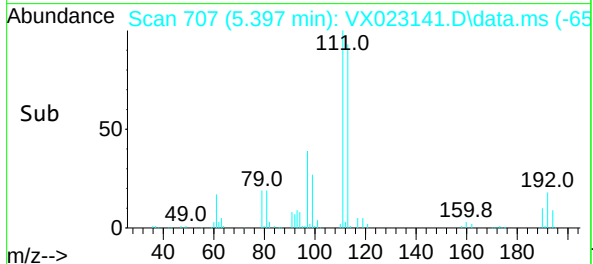
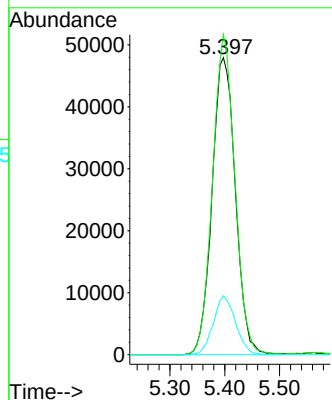
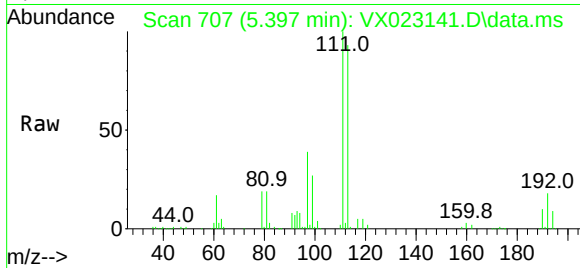




#35
Dibromofluoromethane
Concen: 49.214 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023141.D
Acq: 06 Jul 2021 13:21

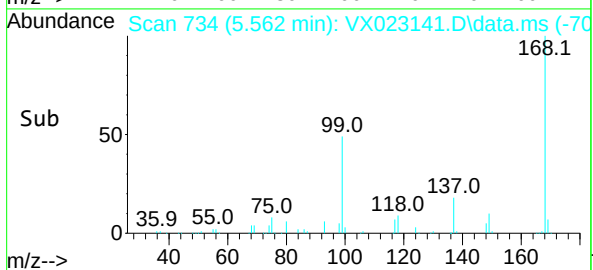
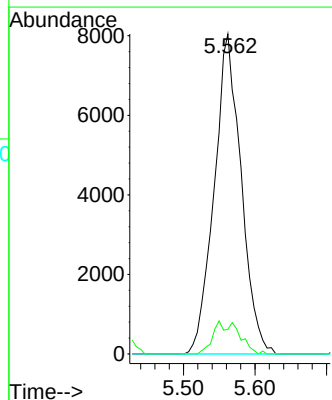
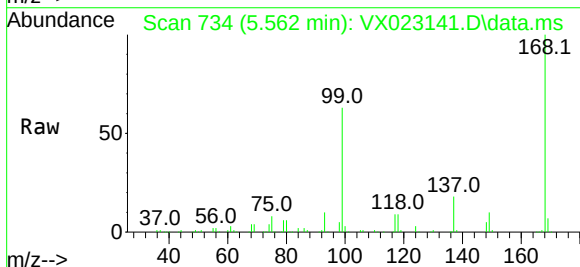
Instrument :
MSVOA_X
ClientSampleId :

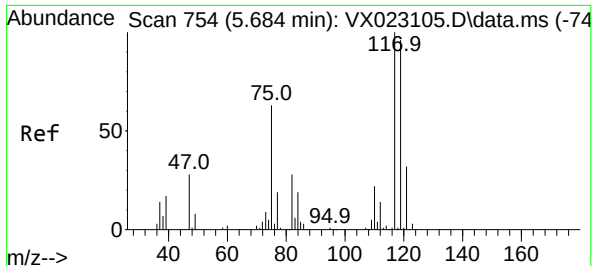
Tgt Ion:113 Resp: 141532
Ion Ratio Lower Upper
113 100
111 103.2 81.9 122.9
192 18.9 16.7 25.1



#36
1,1-Dichloropropene
Concen: 5.299 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX023141.D
Acq: 06 Jul 2021 13:21

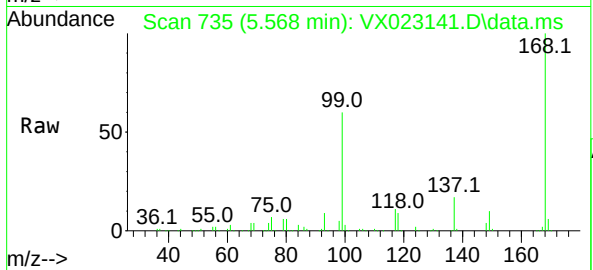
Tgt Ion: 75 Resp: 21037
Ion Ratio Lower Upper
75 100
110 5.5 18.1 54.4#
77 0.0 25.3 37.9#



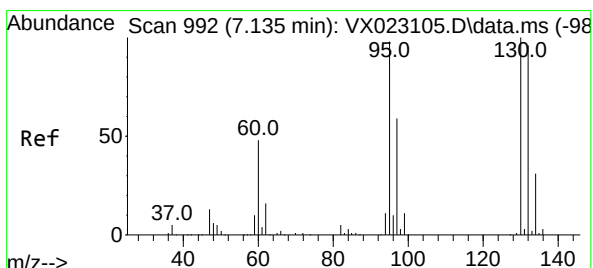
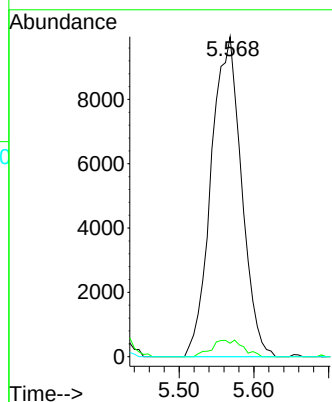
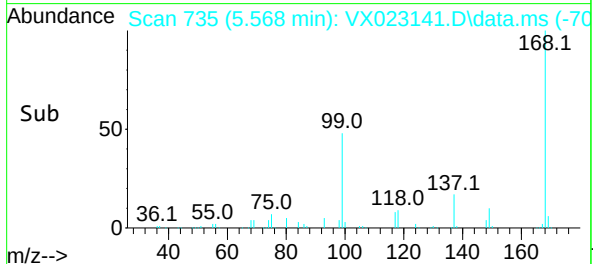


#38
Carbon Tetrachloride
Concen: 6.768 ug/l
RT: 5.568 min Scan# 735
Delta R.T. -0.116 min
Lab File: VX023141.D
Acq: 06 Jul 2021 13:21

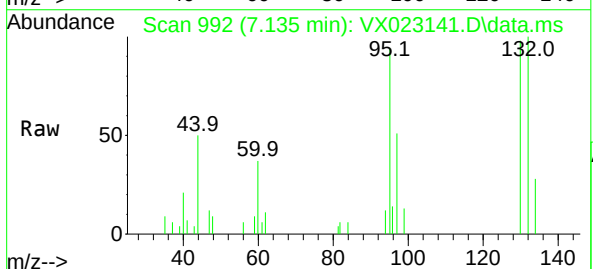
Instrument :
MSVOA_X
ClientSampleId :



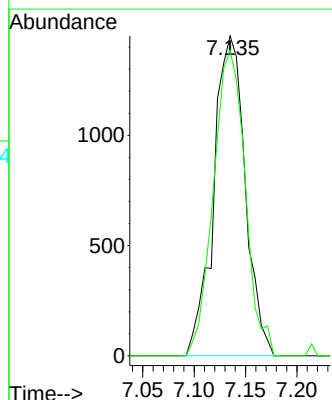
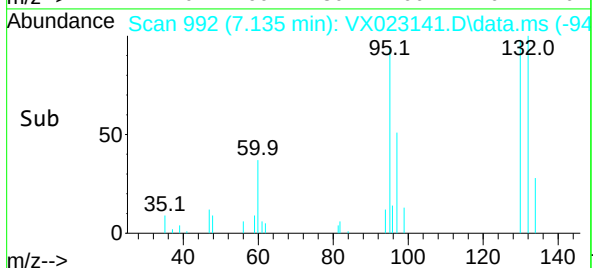
Tgt Ion:117 Resp: 28046
Ion Ratio Lower Upper
117 100
119 4.2 76.2 114.2#
121 0.0 24.8 37.2#

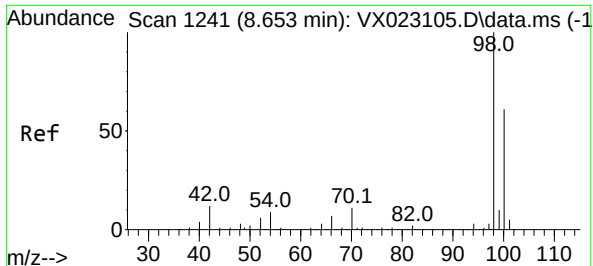


#44
Trichloroethene
Concen: 0.946 ug/l
RT: 7.135 min Scan# 992
Delta R.T. -0.000 min
Lab File: VX023141.D
Acq: 06 Jul 2021 13:21



Tgt Ion:130 Resp: 3093
Ion Ratio Lower Upper
130 100
95 95.4 0.0 198.0

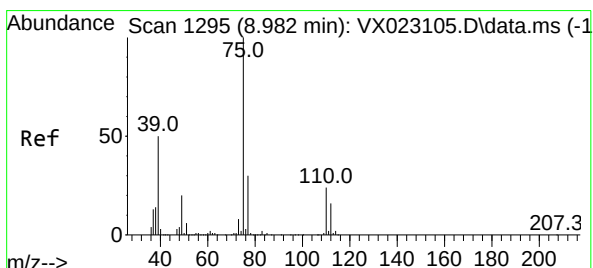
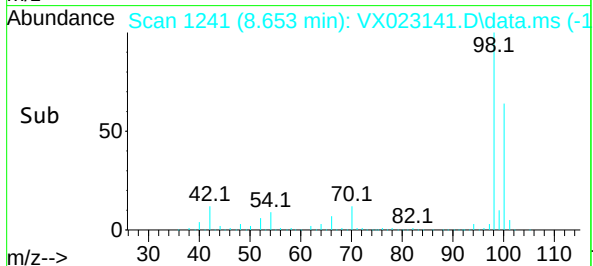
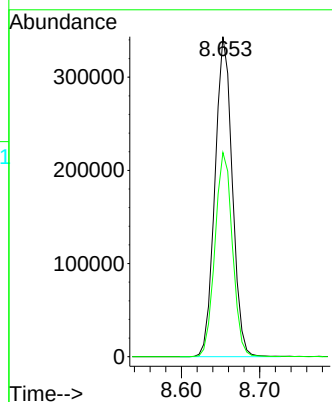
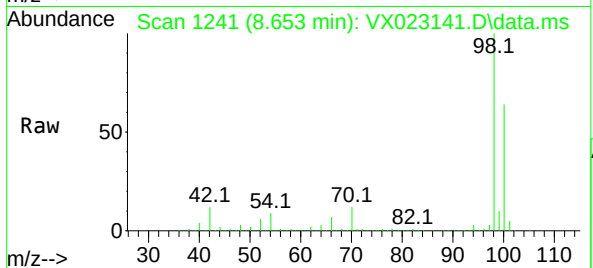




#50
Toluene-d8
Concen: 49.182 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023141.D
Acq: 06 Jul 2021 13:21

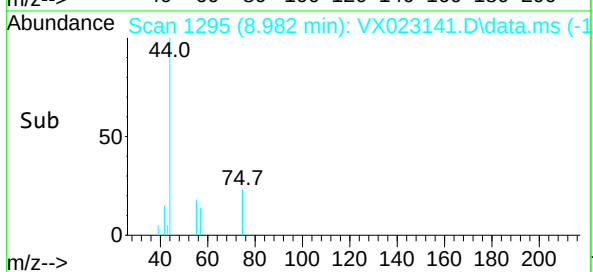
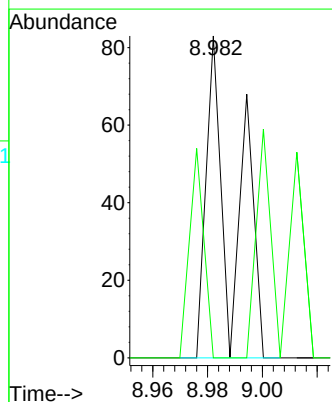
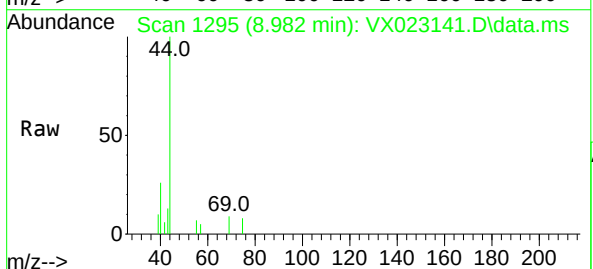
Instrument :
MSVOA_X
ClientSampled :

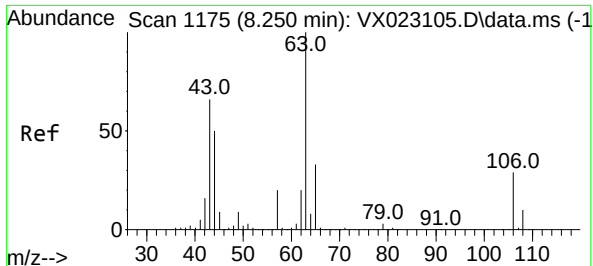
Tgt Ion: 98 Resp: 527613
Ion Ratio Lower Upper
98 100
100 64.3 51.9 77.9



#53
t-1,3-Dichloropropene
Concen: 2.747 ug/l
RT: 8.982 min Scan# 1295
Delta R.T. 0.000 min
Lab File: VX023141.D
Acq: 06 Jul 2021 13:21

Tgt Ion: 75 Resp: 55
Ion Ratio Lower Upper
75 100
77 0.0 24.9 37.3#

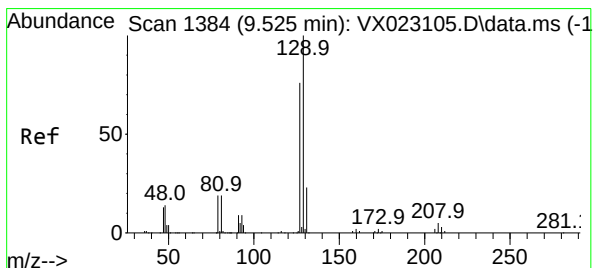
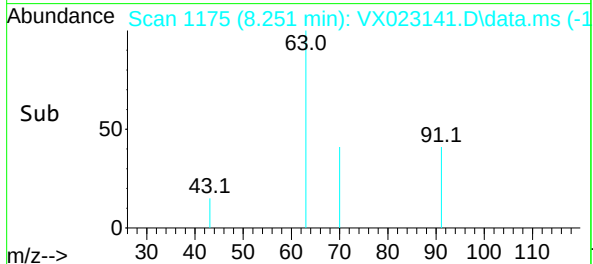
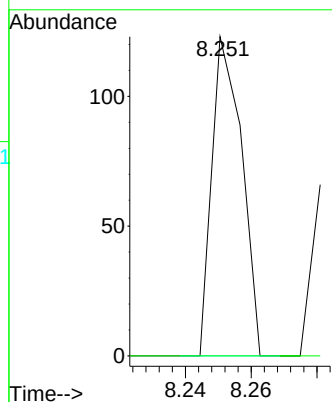
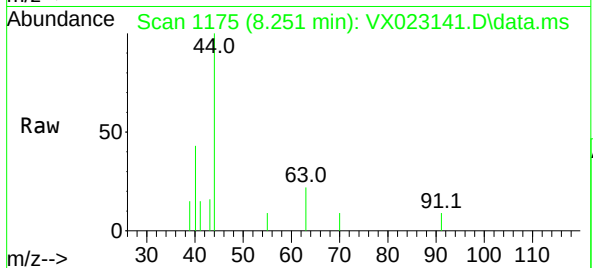




#58
2-Chloroethyl Vinyl ether
Concen: 4.719 ug/l
RT: 8.251 min Scan# 1175
Delta R.T. 0.001 min
Lab File: VX023141.D
Acq: 06 Jul 2021 13:21

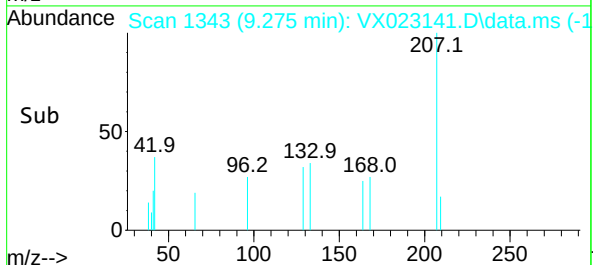
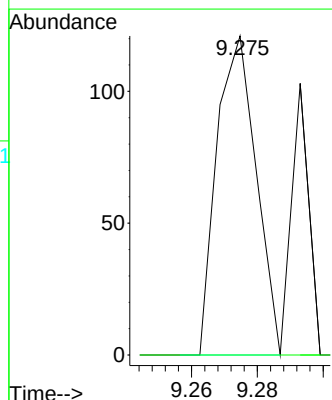
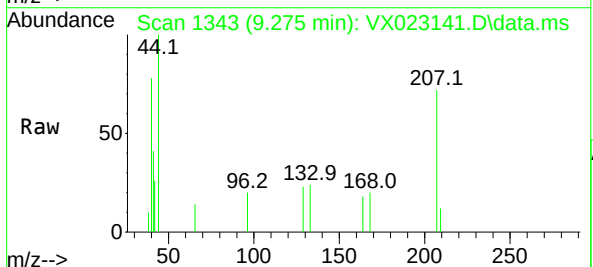
Instrument :
MSVOA_X
ClientSampled :

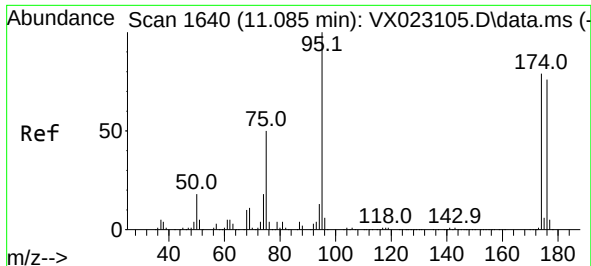
Tgt Ion: 63 Resp: 78
Ion Ratio Lower Upper
63 100
106 0.0 23.5 35.3#



#60
Dibromochloromethane
Concen: 3.139 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.250 min
Lab File: VX023141.D
Acq: 06 Jul 2021 13:21

Tgt Ion: 129 Resp: 100
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#

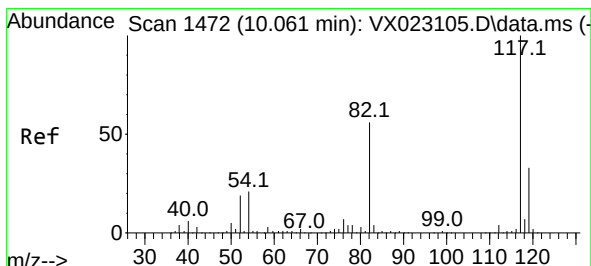
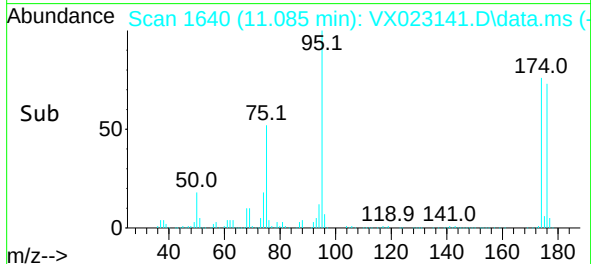
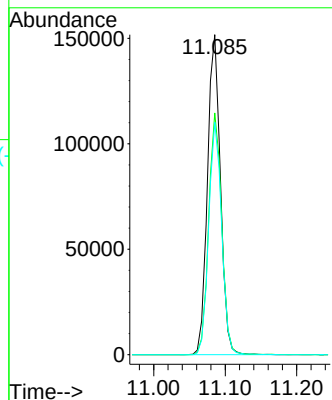
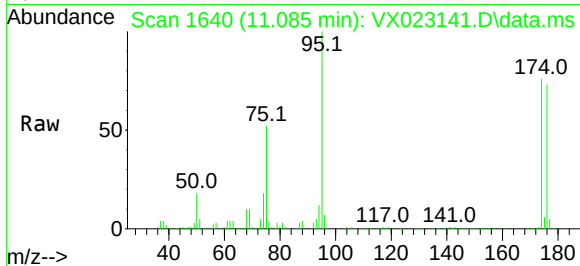




#62
4-Bromofluorobenzene
Concen: 46.161 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023141.D
Acq: 06 Jul 2021 13:21

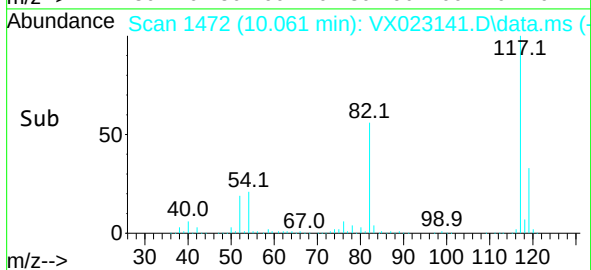
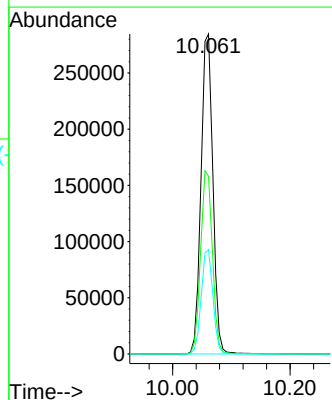
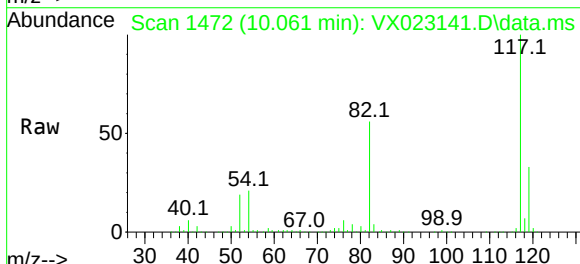
Instrument :
MSVOA_X
ClientSampleId :

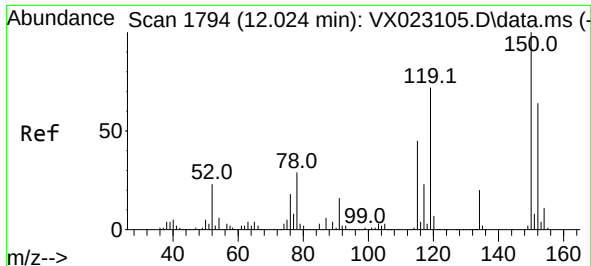
Tgt Ion: 95 Resp: 191175
Ion Ratio Lower Upper
95 100
174 75.9 0.0 154.6
176 72.5 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VX023141.D
Acq: 06 Jul 2021 13:21

Tgt Ion: 117 Resp: 398056
Ion Ratio Lower Upper
117 100
82 55.5 47.4 71.2
119 32.6 26.6 39.8

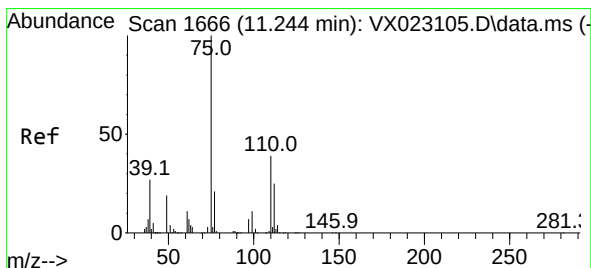
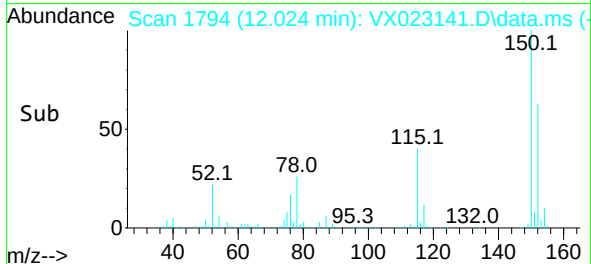
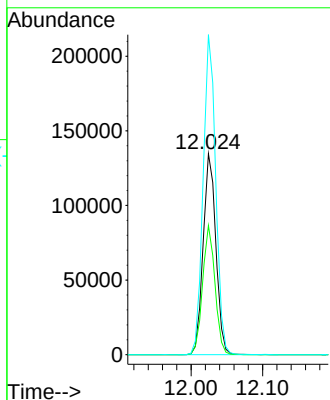
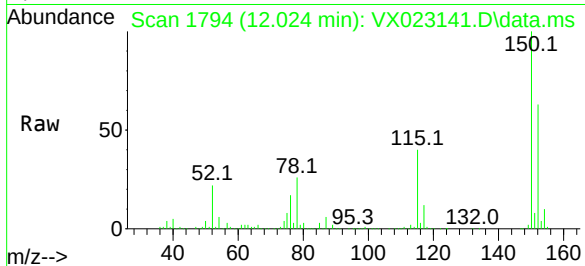




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX023141.D
Acq: 06 Jul 2021 13:21

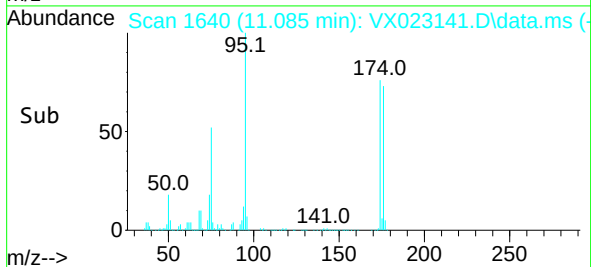
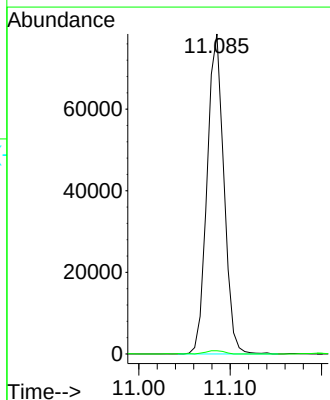
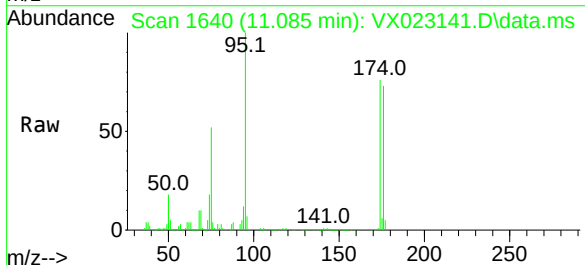
Instrument :
MSVOA_X
ClientSampled :

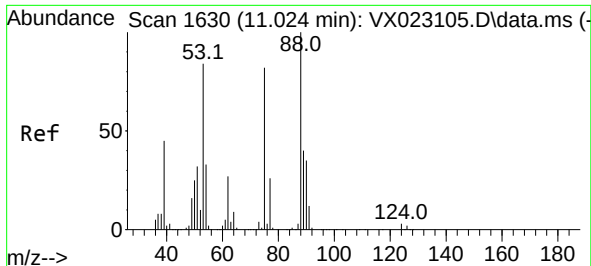
Tgt Ion:152 Resp: 166749
Ion Ratio Lower Upper
152 100
115 62.5 41.1 123.3
150 157.3 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 29.706 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX023141.D
Acq: 06 Jul 2021 13:21

Tgt Ion: 75 Resp: 99680
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#

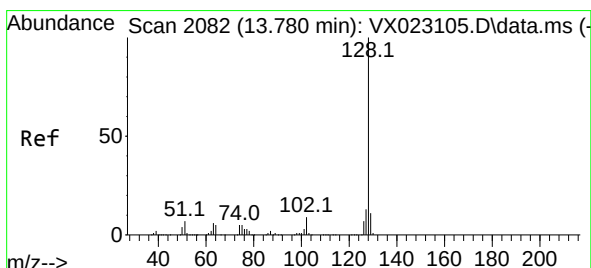
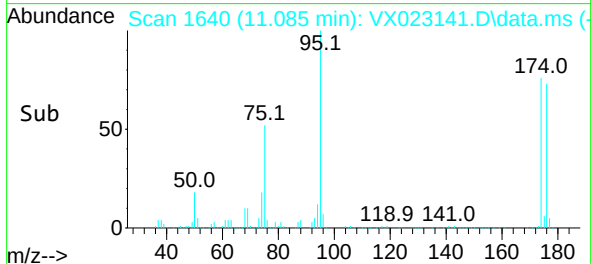
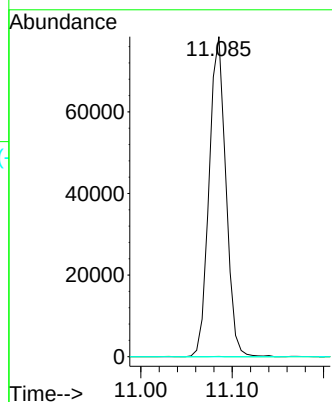
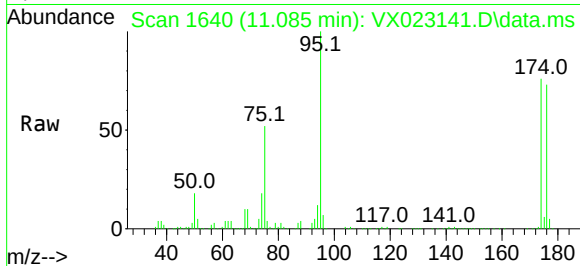




#81
trans-1,4-Dichloro-2-butene
Concen: 79.808 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX023141.D
Acq: 06 Jul 2021 13:21

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 99680
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#



#95
Naphthalene
Concen: 1.332 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX023141.D
Acq: 06 Jul 2021 13:21

Tgt Ion: 128 Resp: 719
Ion Ratio Lower Upper
128 100
127 4.2 10.3 15.5#
129 8.2 8.8 13.2#

