

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX073021\
 Data File : VX023511.D
 Acq On : 29 Jul 2021 14:23
 Operator : JC/MD
 Sample : PB138025TB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 30 03:42:24 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 06:05:38 2021
 Response via : Initial Calibration

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

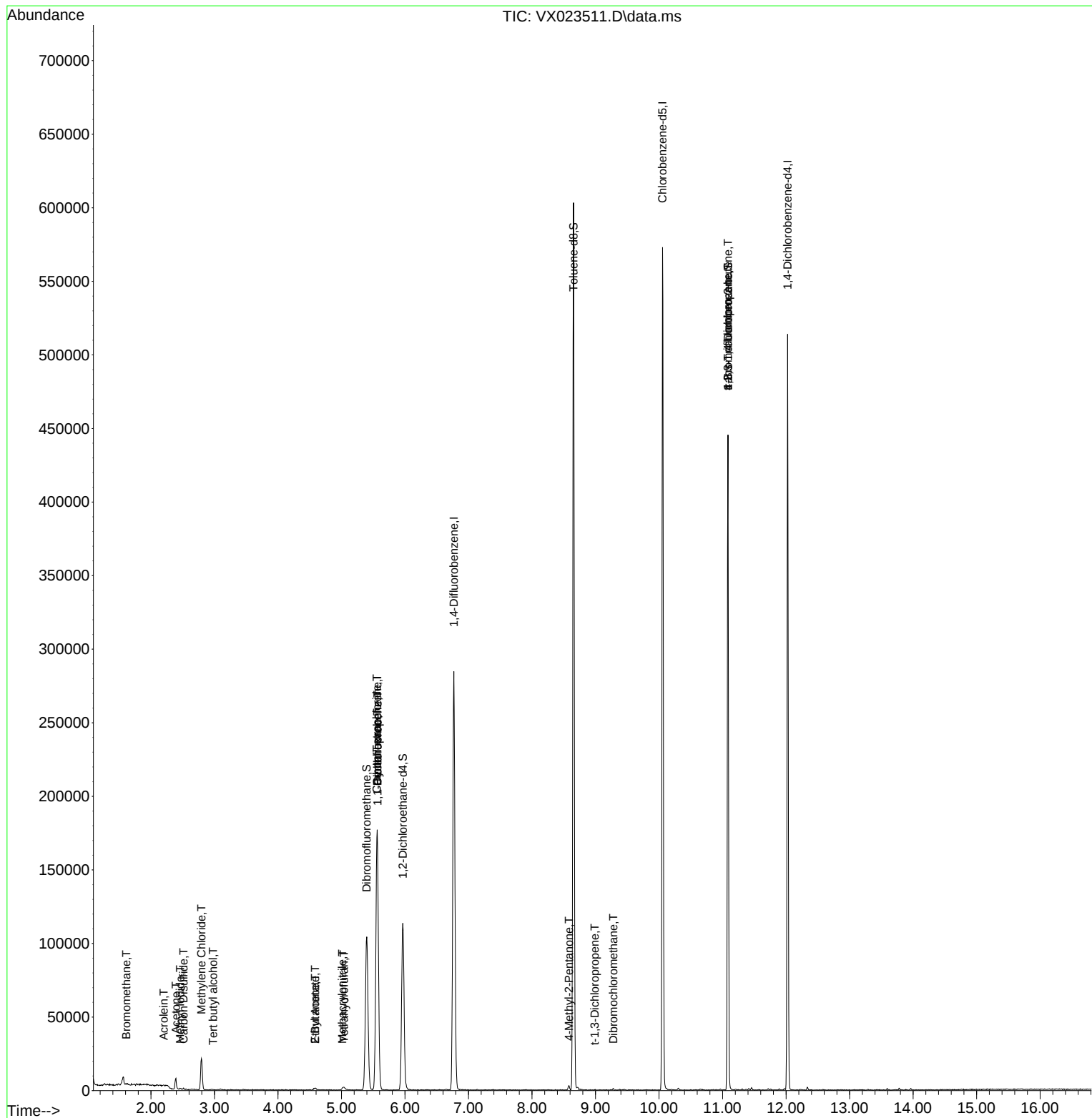
Internal Standards						
1) Pentafluorobenzene	5.562	168	169564	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	286996	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	258511	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	103113	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	110585	52.282	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 104.560%		
35) Dibromofluoromethane	5.397	113	90771	50.585	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 101.160%		
50) Toluene-d8	8.653	98	346096	52.496	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 105.000%		
62) 4-Bromofluorobenzene	11.085	95	112096	50.002	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 100.000%		
Target Compounds						
					Qvalue	
5) Bromomethane	1.611	94	703	0.644	ug/l	93
10) Methyl Iodide	2.459	142	1090	0.518	ug/l #	90
11) Tert butyl alcohol	2.977	59	200	0.414	ug/l #	73
13) Acrolein	2.203	56	20	1.445	ug/l #	1
16) Acetone	2.392	43	7792	7.510	ug/l	93
17) Carbon Disulfide	2.514	76	986	0.240	ug/l #	90
20) Methylene Chloride	2.794	84	9198	4.557	ug/l	90
25) 2-Butanone	4.587	43	2435	1.512	ug/l	96
29) Tetrahydrofuran	5.038	42	1820	1.724	ug/l	91
31) Cyclohexane	5.562	56	3984	1.271	ug/l #	14
36) 1,1-Dichloropropene	5.568	75	13017	5.014	ug/l #	48
37) Ethyl Acetate	4.587	43	2435	0.744	ug/l #	64
38) Carbon Tetrachloride	5.556	117	16956	6.422	ug/l #	16
41) Methacrylonitrile	5.013	41	1402	0.811	ug/l #	30
51) 4-Methyl-2-Pentanone	8.580	43	1983	0.639	ug/l #	82
53) t-1,3-Dichloropropene	8.988	75	113	1.851	ug/l #	66
60) Dibromochloromethane	9.281	129	131	2.042	ug/l #	11
76) 1,2,3-Trichloropropane	11.085	75	58128	25.617	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	58128	68.882	ug/l #	12

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

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QLast Update : Fri Jul 23 06:05:38 2021
Response via : Initial Calibration

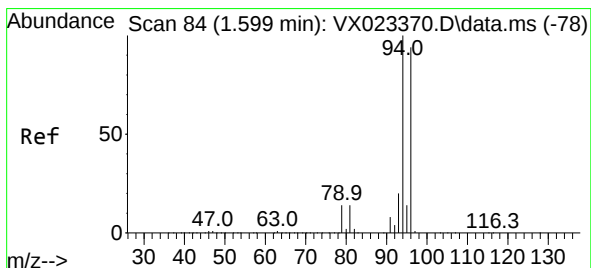
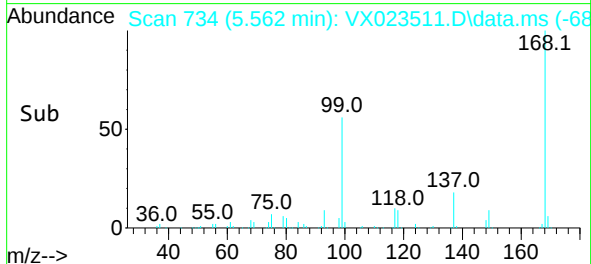
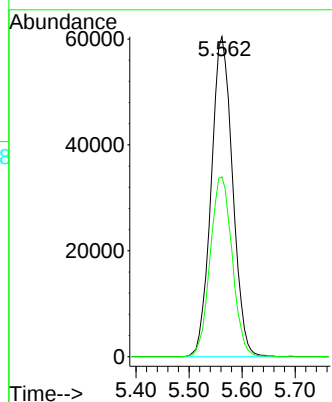
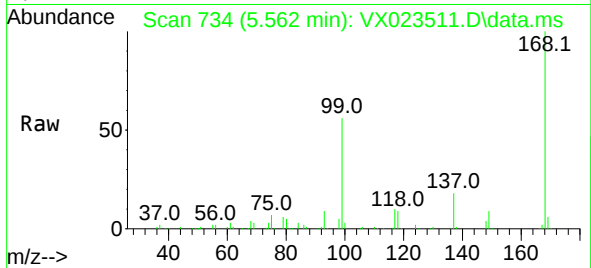




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX023511.D
Acq: 29 Jul 2021 14:23

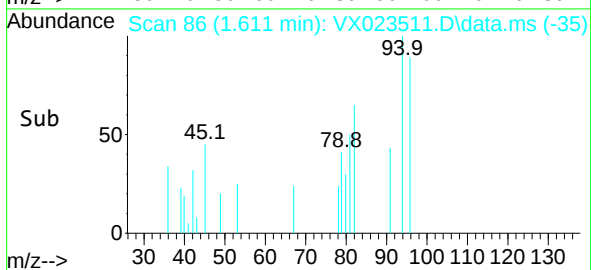
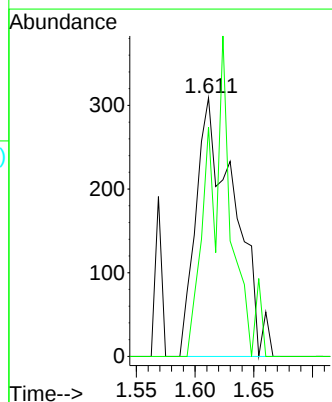
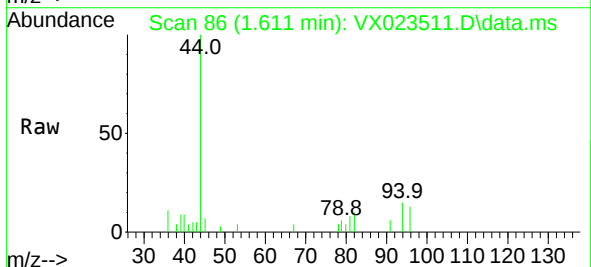
Instrument :
MSVOA_X
ClientSampled :

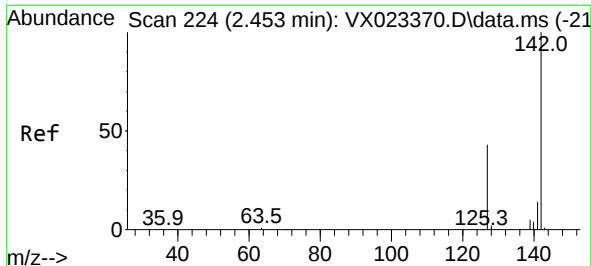
Tgt Ion:168 Resp: 169564
Ion Ratio Lower Upper
168 100
99 56.2 45.8 68.6



#5
Bromomethane
Concen: 0.644 ug/l
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX023511.D
Acq: 29 Jul 2021 14:23

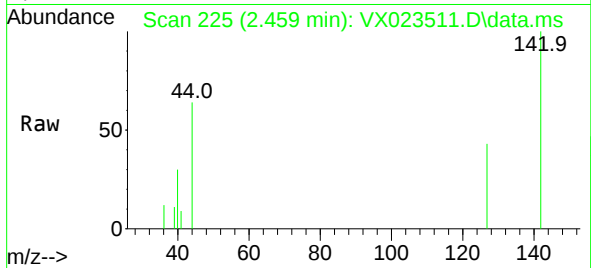
Tgt Ion: 94 Resp: 703
Ion Ratio Lower Upper
94 100
96 88.7 76.4 114.6



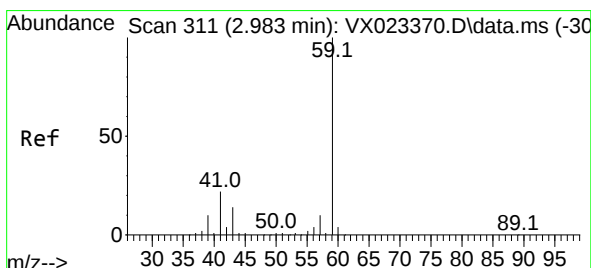
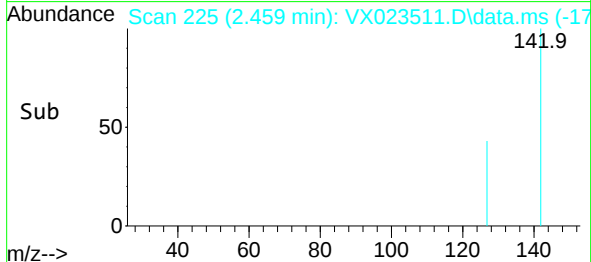
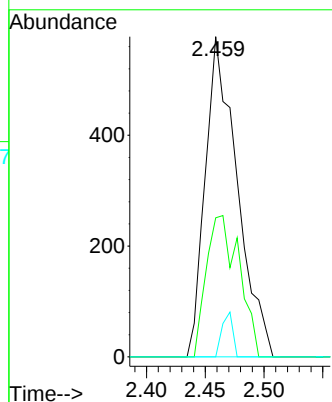


#10
Methyl Iodide
Concen: 0.518 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX023511.D
Acq: 29 Jul 2021 14:23

Instrument :
MSVOA_X
ClientSampled :

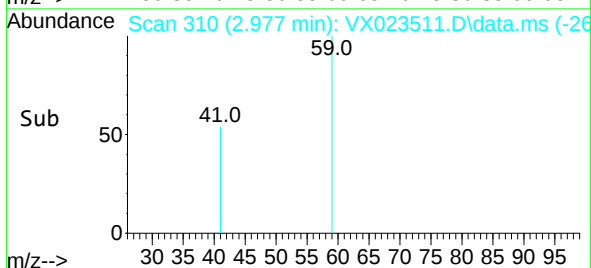
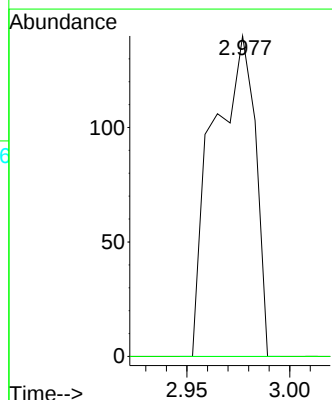
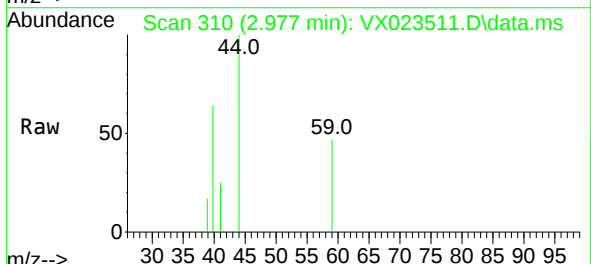


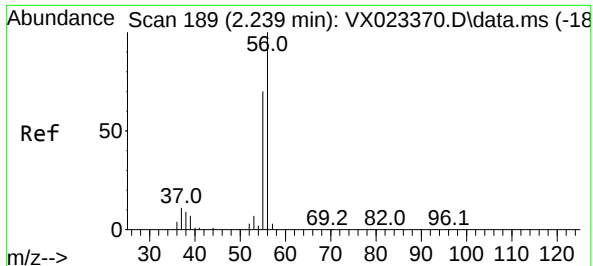
Tgt Ion:142 Resp: 1090
Ion Ratio Lower Upper
142 100
127 45.2 33.3 49.9
141 4.8 11.4 17.0#



#11
Tert butyl alcohol
Concen: 0.414 ug/l
RT: 2.977 min Scan# 310
Delta R.T. -0.006 min
Lab File: VX023511.D
Acq: 29 Jul 2021 14:23

Tgt Ion: 59 Resp: 200
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

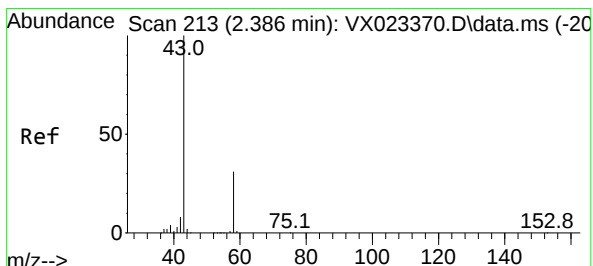
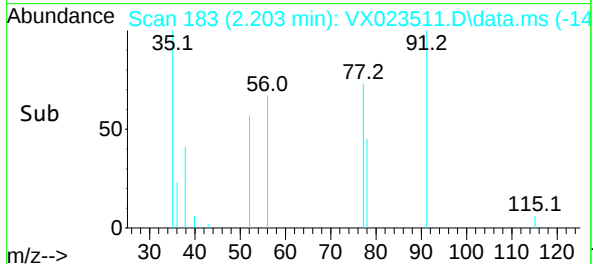
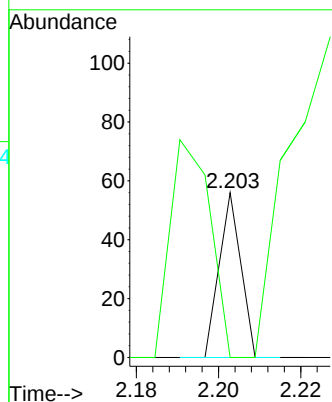
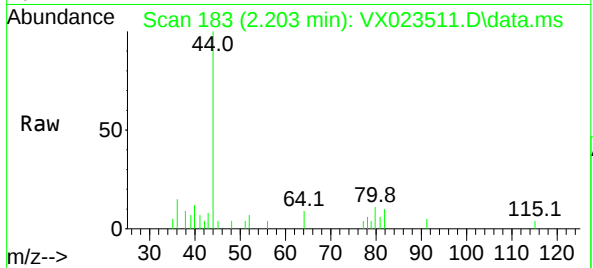




#13
Acrolein
Concen: 1.445 ug/l
RT: 2.203 min Scan# 183
Delta R.T. -0.036 min
Lab File: VX023511.D
Acq: 29 Jul 2021 14:23

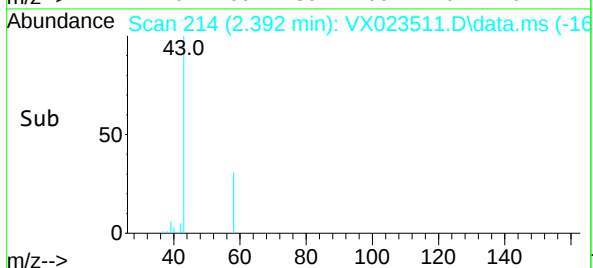
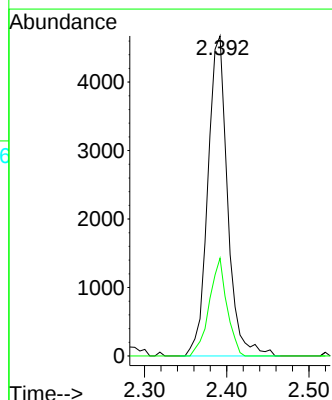
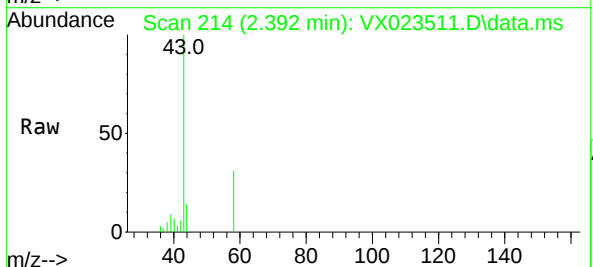
Instrument :
MSVOA_X
ClientSampled :

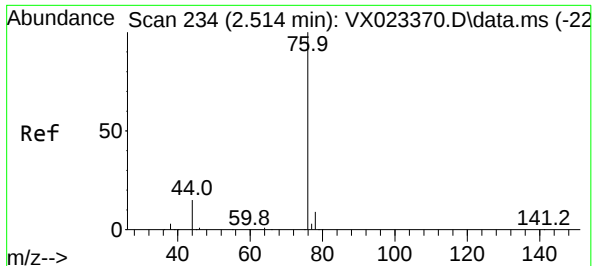
Tgt Ion: 56 Resp: 20
Ion Ratio Lower Upper
56 100
55 250.0 56.4 84.6#



#16
Acetone
Concen: 7.510 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX023511.D
Acq: 29 Jul 2021 14:23

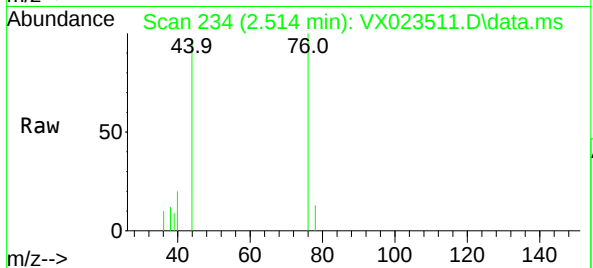
Tgt Ion: 43 Resp: 7792
Ion Ratio Lower Upper
43 100
58 30.6 27.8 41.8



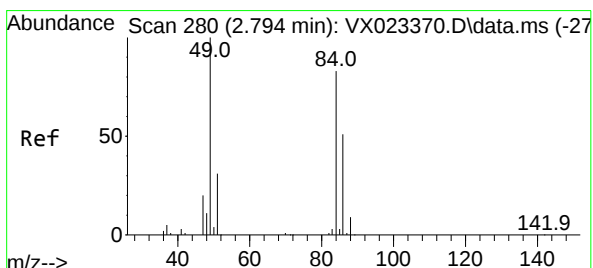
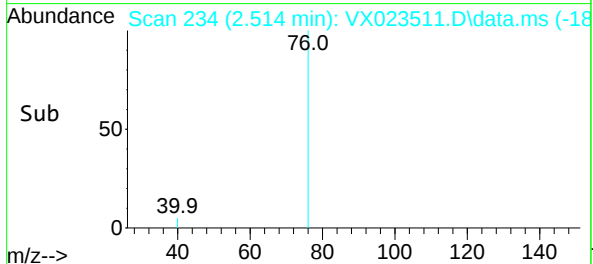
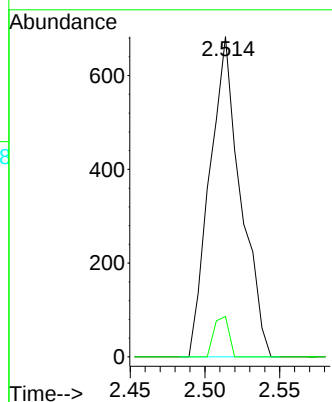


#17
Carbon Disulfide
Concen: 0.240 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX023511.D
Acq: 29 Jul 2021 14:23

Instrument :
MSVOA_X
ClientSampled :

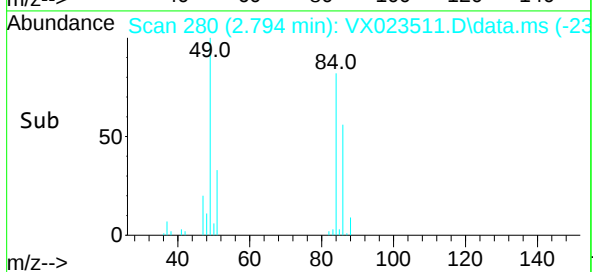
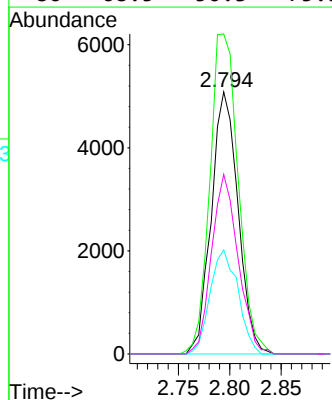
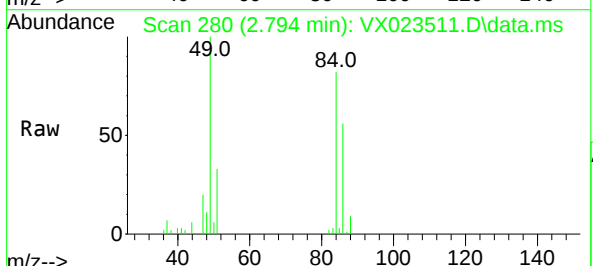


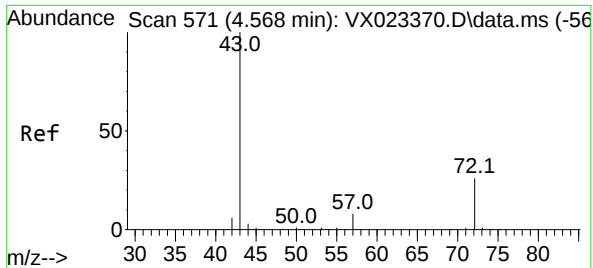
Tgt Ion: 76 Resp: 986
Ion Ratio Lower Upper
76 100
78 12.6 7.2 10.8#



#20
Methylene Chloride
Concen: 4.557 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX023511.D
Acq: 29 Jul 2021 14:23

Tgt Ion: 84 Resp: 9198
Ion Ratio Lower Upper
84 100
49 122.1 88.6 132.8
51 39.7 27.0 40.6
86 68.5 50.3 75.5

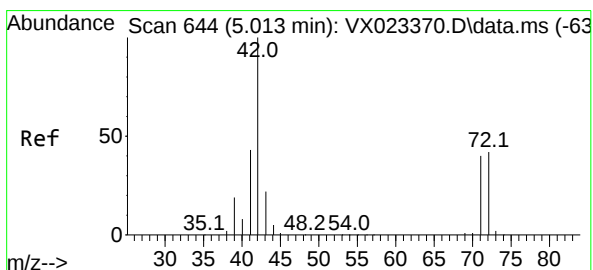
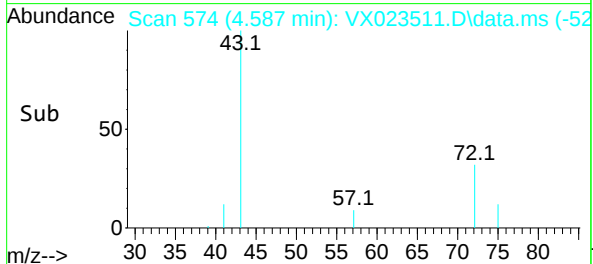
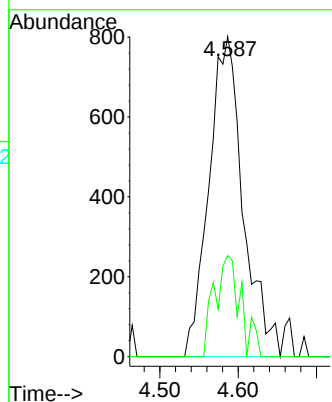
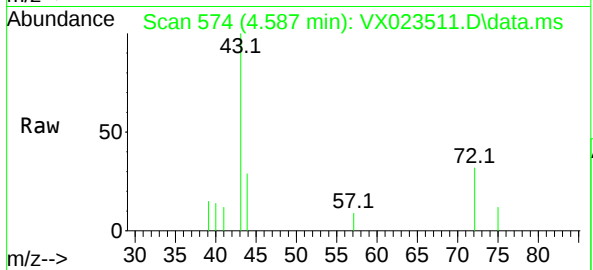




#25
2-Butanone
Concen: 1.512 ug/l
RT: 4.587 min Scan# 574
Delta R.T. 0.019 min
Lab File: VX023511.D
Acq: 29 Jul 2021 14:23

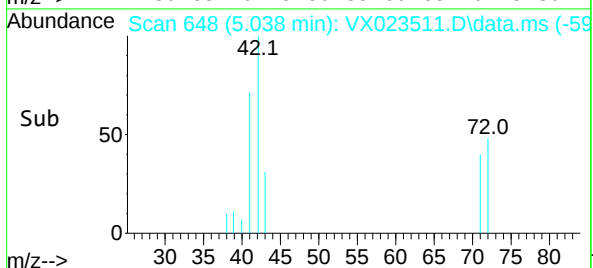
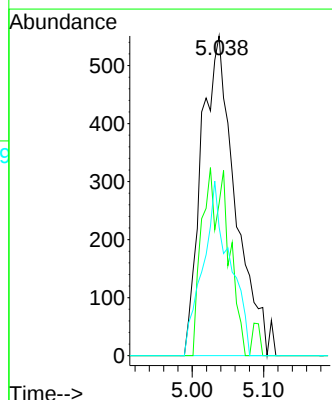
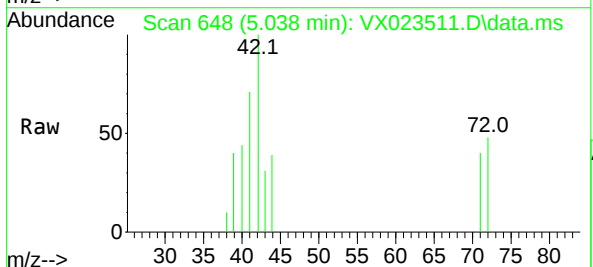
Instrument :
MSVOA_X
ClientSampleId :

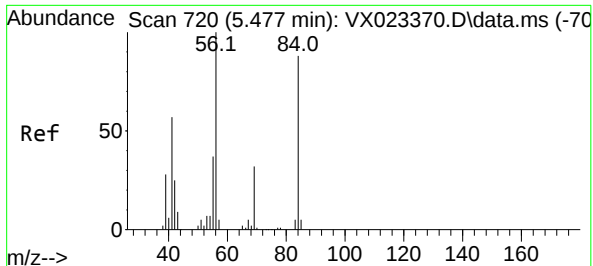
Tgt Ion: 43 Resp: 2435
Ion Ratio Lower Upper
43 100
72 31.6 23.7 35.5



#29
Tetrahydrofuran
Concen: 1.724 ug/l
RT: 5.038 min Scan# 648
Delta R.T. 0.025 min
Lab File: VX023511.D
Acq: 29 Jul 2021 14:23

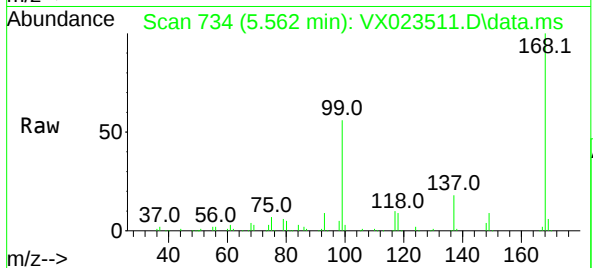
Tgt Ion: 42 Resp: 1820
Ion Ratio Lower Upper
42 100
72 45.2 41.7 62.5
71 43.1 38.4 57.6



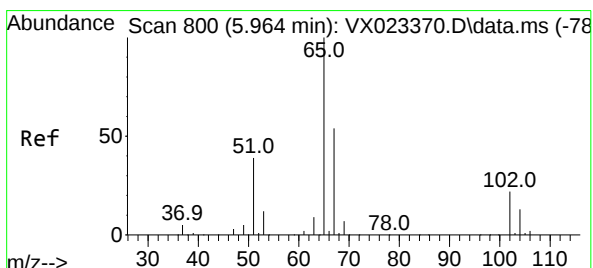
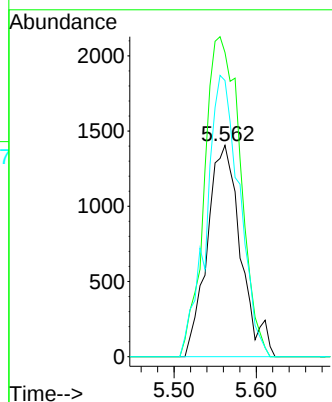
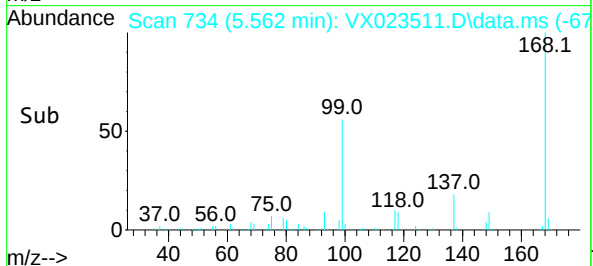


#31
Cyclohexane
Concen: 1.271 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.085 min
Lab File: VX023511.D
Acq: 29 Jul 2021 14:23

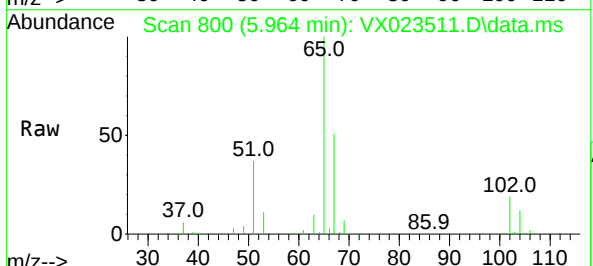
Instrument :
MSVOA_X
ClientSampleId :



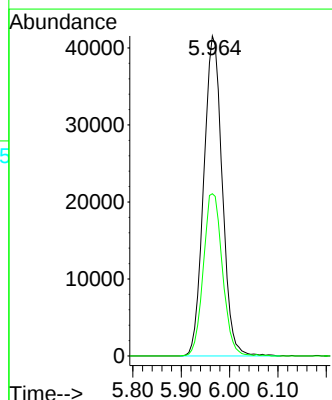
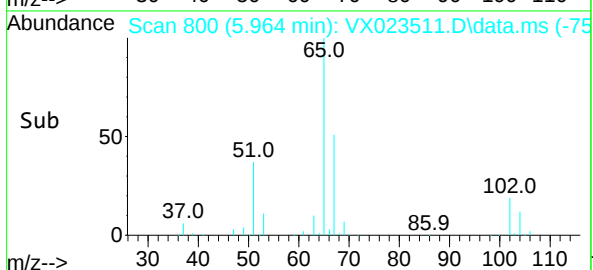
Tgt Ion: 56 Resp: 3984
Ion Ratio Lower Upper
56 100
69 144.0 25.3 37.9#
84 130.7 71.4 107.0#

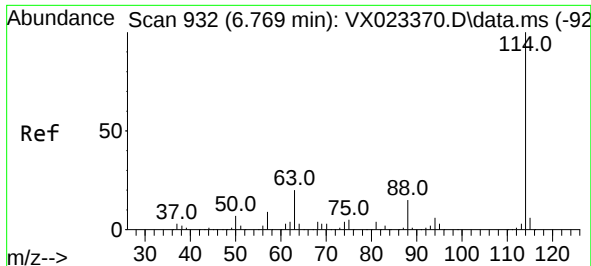


#33
1,2-Dichloroethane-d4
Concen: 52.282 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023511.D
Acq: 29 Jul 2021 14:23



Tgt Ion: 65 Resp: 110585
Ion Ratio Lower Upper
65 100
67 52.2 0.0 105.4

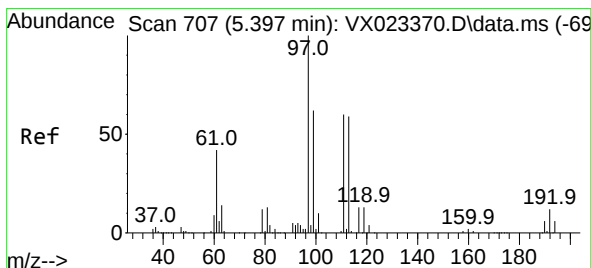
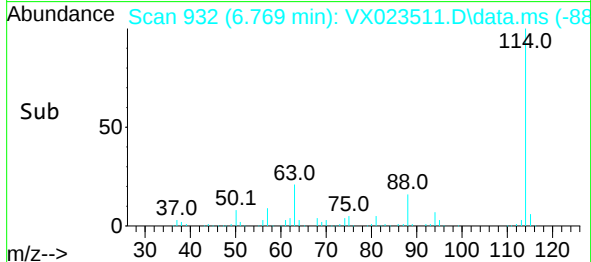
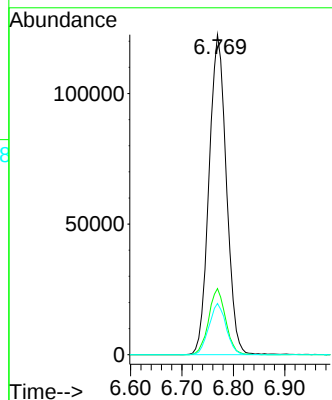
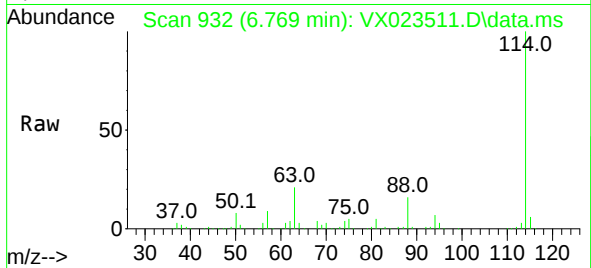




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX023511.D
Acq: 29 Jul 2021 14:23

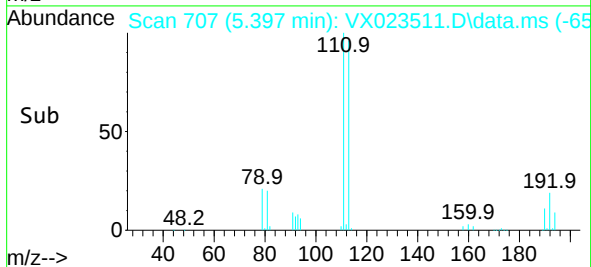
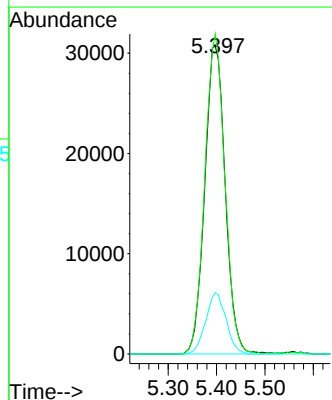
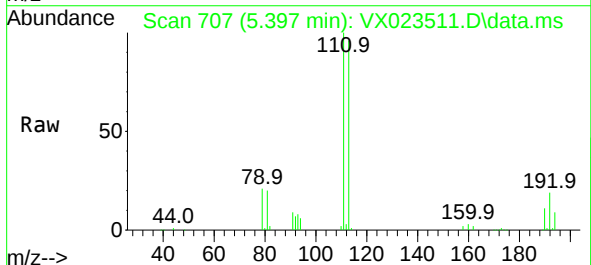
Instrument :
MSVOA_X
ClientSampled :

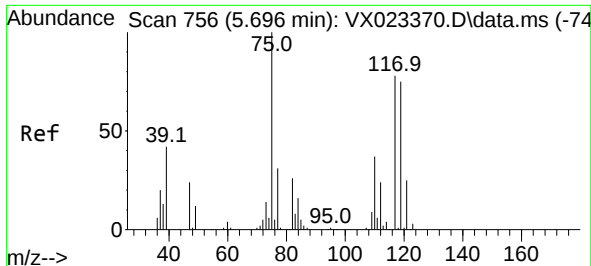
Tgt Ion:114 Resp: 286996
Ion Ratio Lower Upper
114 100
63 20.7 0.0 40.8
88 16.0 0.0 32.8



#35
Dibromofluoromethane
Concen: 50.585 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023511.D
Acq: 29 Jul 2021 14:23

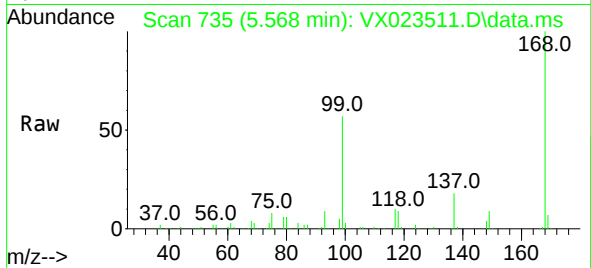
Tgt Ion:113 Resp: 90771
Ion Ratio Lower Upper
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111 101.2 81.9 122.9
192 19.6 16.7 25.1



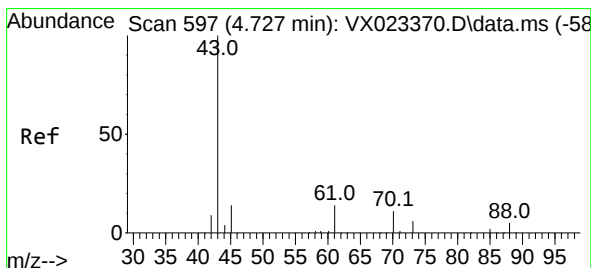
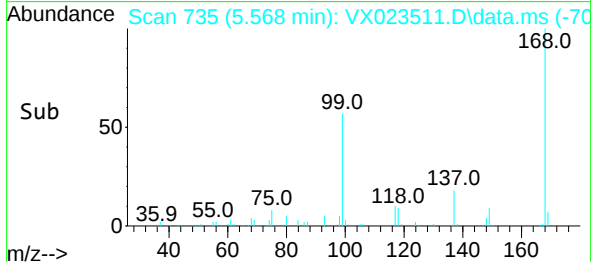
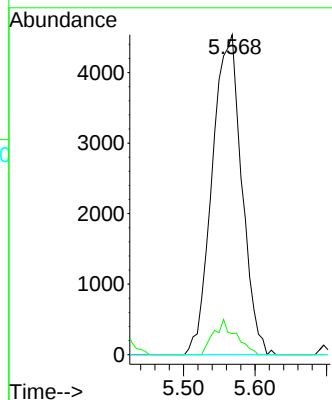


#36
1,1-Dichloropropene
Concen: 5.014 ug/l
RT: 5.568 min Scan# 735
Delta R.T. -0.128 min
Lab File: VX023511.D
Acq: 29 Jul 2021 14:23

Instrument :
MSVOA_X
ClientSampleId :

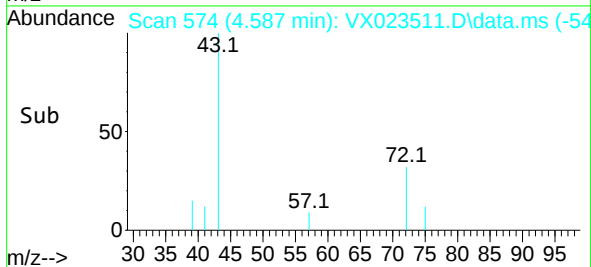
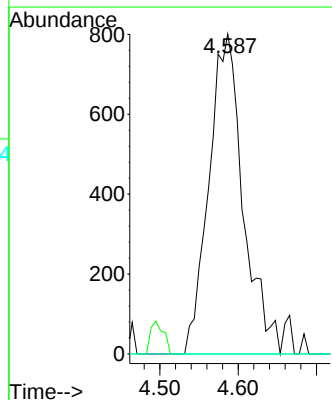
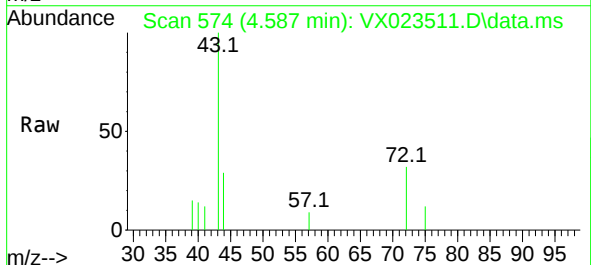


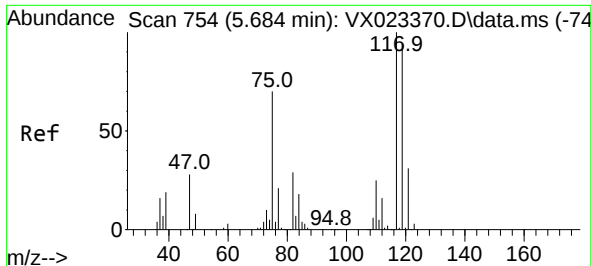
Tgt Ion: 75 Resp: 13017
Ion Ratio Lower Upper
75 100
110 8.3 18.1 54.4#
77 0.0 25.3 37.9#



#37
Ethyl Acetate
Concen: 0.744 ug/l
RT: 4.587 min Scan# 574
Delta R.T. -0.140 min
Lab File: VX023511.D
Acq: 29 Jul 2021 14:23

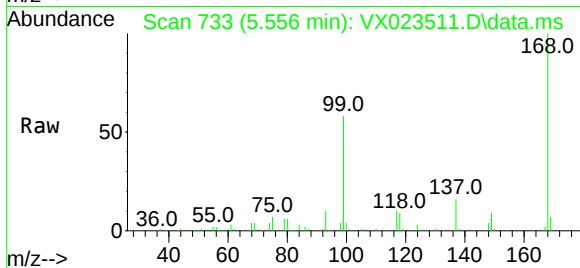
Tgt Ion: 43 Resp: 2435
Ion Ratio Lower Upper
43 100
61 0.0 12.8 19.2#
70 0.0 10.5 15.7#



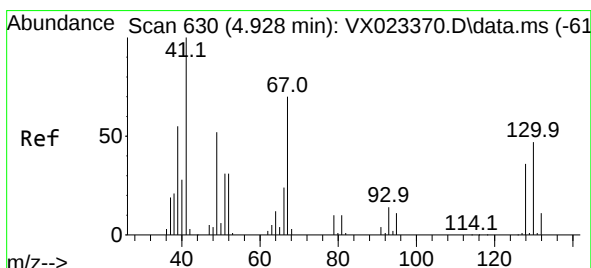
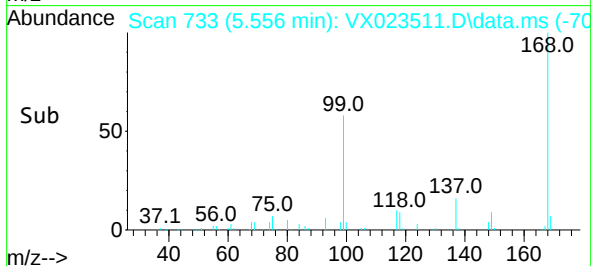
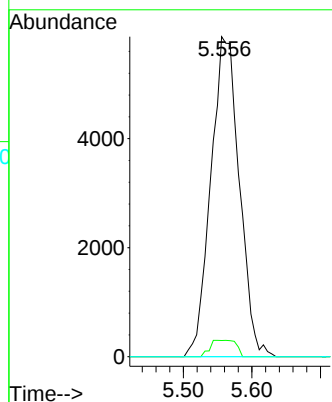


#38
Carbon Tetrachloride
Concen: 6.422 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX023511.D
Acq: 29 Jul 2021 14:23

Instrument :
MSVOA_X
ClientSampleId :

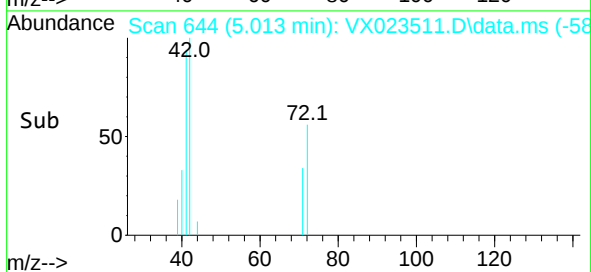
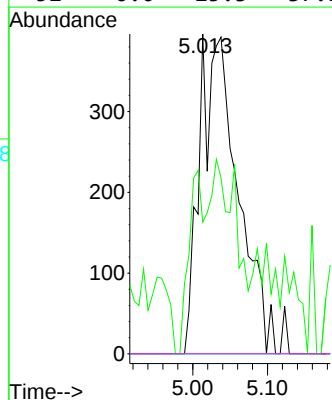
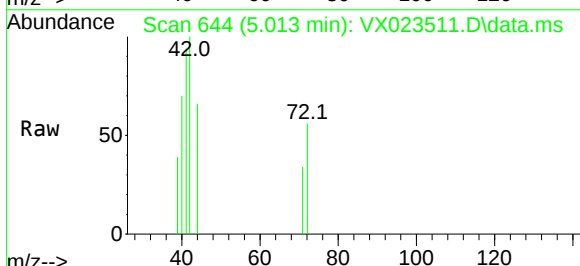


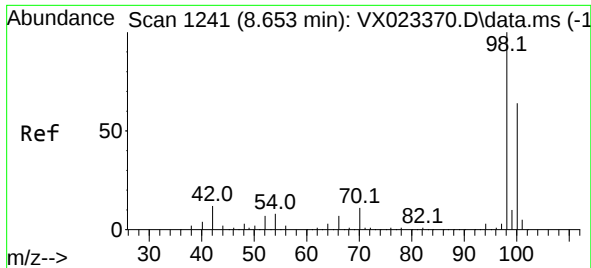
Tgt Ion:117 Resp: 16956
Ion Ratio Lower Upper
117 100
119 5.1 76.2 114.2#
121 0.0 24.8 37.2#



#41
Methacrylonitrile
Concen: 0.811 ug/l
RT: 5.013 min Scan# 644
Delta R.T. 0.085 min
Lab File: VX023511.D
Acq: 29 Jul 2021 14:23

Tgt Ion: 41 Resp: 1402
Ion Ratio Lower Upper
41 100
39 21.3 42.5 63.7#
67 0.0 65.0 97.6#
52 0.0 25.3 37.9#

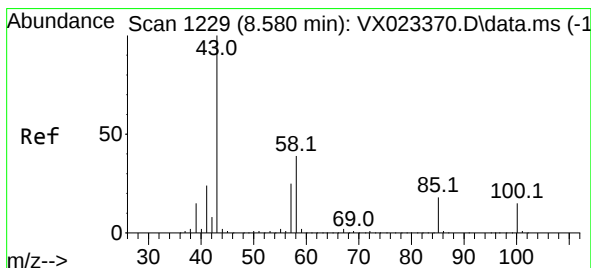
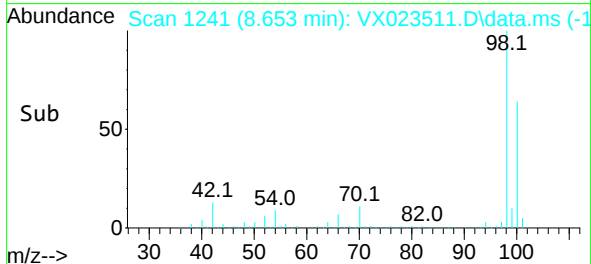
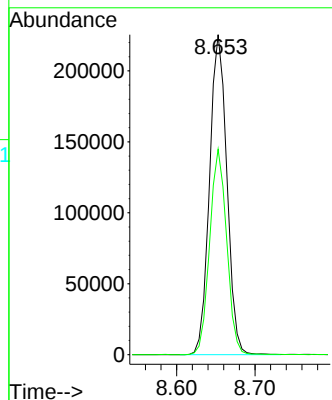
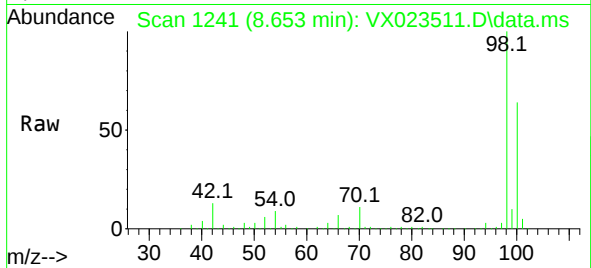




#50
Toluene-d8
Concen: 52.496 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023511.D
Acq: 29 Jul 2021 14:23

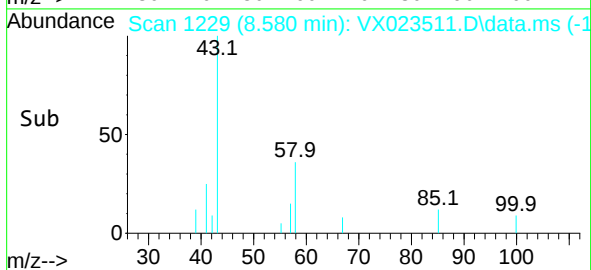
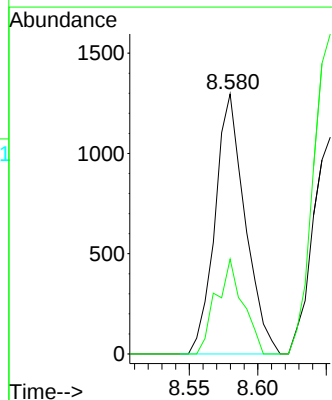
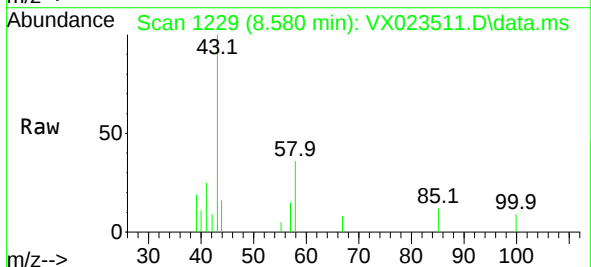
Instrument :
MSVOA_X
ClientSampled :

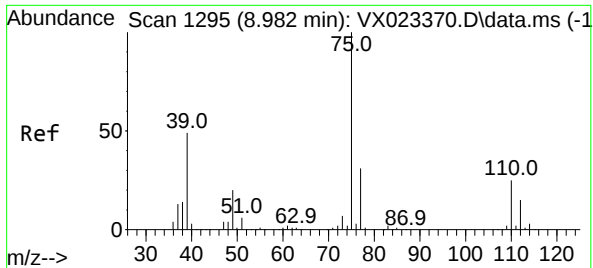
Tgt Ion: 98 Resp: 346096
Ion Ratio Lower Upper
98 100
100 63.0 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.639 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. -0.000 min
Lab File: VX023511.D
Acq: 29 Jul 2021 14:23

Tgt Ion: 43 Resp: 1983
Ion Ratio Lower Upper
43 100
58 32.4 35.4 53.0#

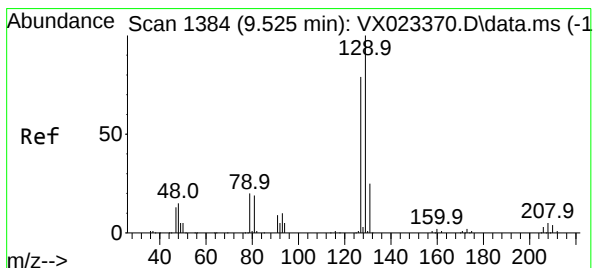
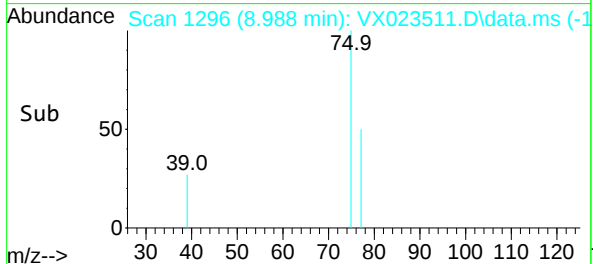
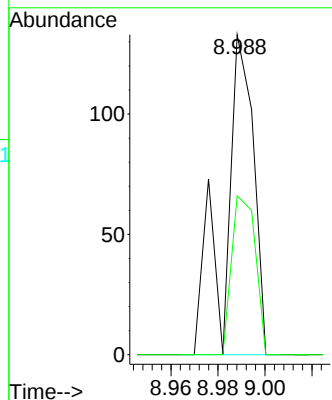
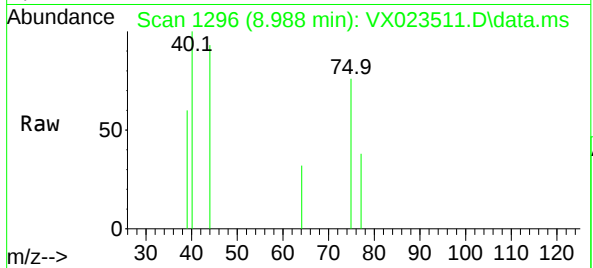




#53
t-1,3-Dichloropropene
Concen: 1.851 ug/l
RT: 8.988 min Scan# 1296
Delta R.T. 0.006 min
Lab File: VX023511.D
Acq: 29 Jul 2021 14:23

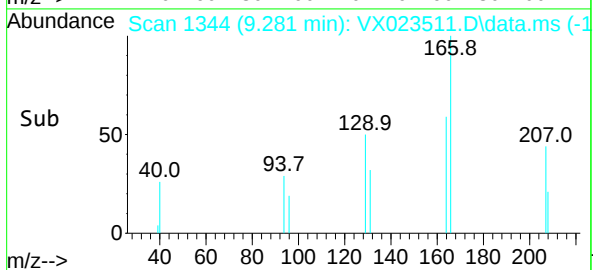
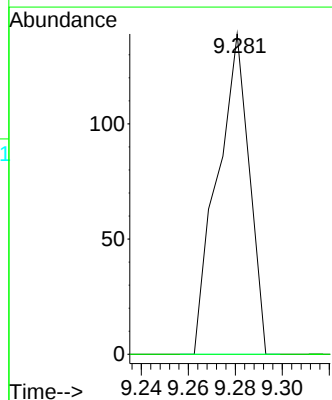
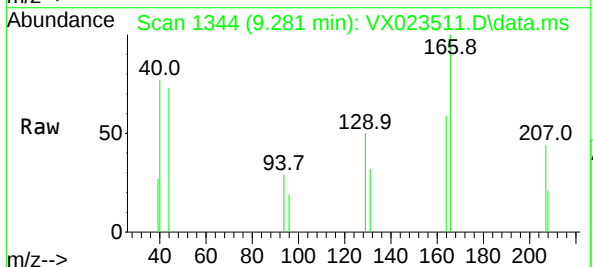
Instrument :
MSVOA_X
ClientSampleId :

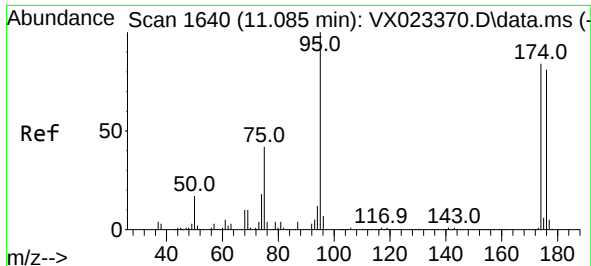
Tgt Ion: 75 Resp: 113
Ion Ratio Lower Upper
75 100
77 49.6 24.9 37.3#



#60
Dibromochloromethane
Concen: 2.042 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. -0.244 min
Lab File: VX023511.D
Acq: 29 Jul 2021 14:23

Tgt Ion: 129 Resp: 131
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#

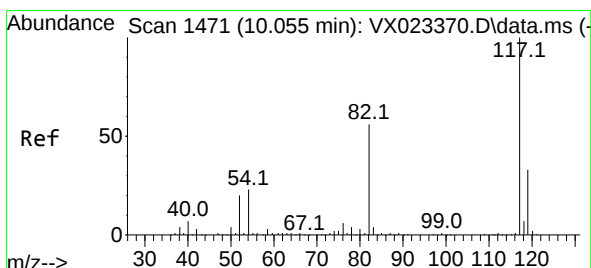
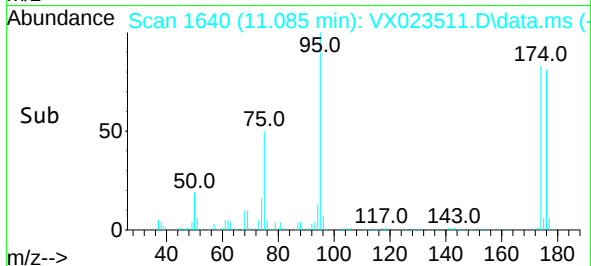
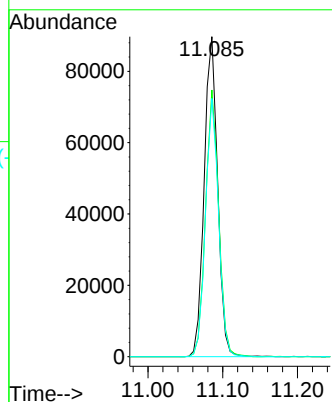
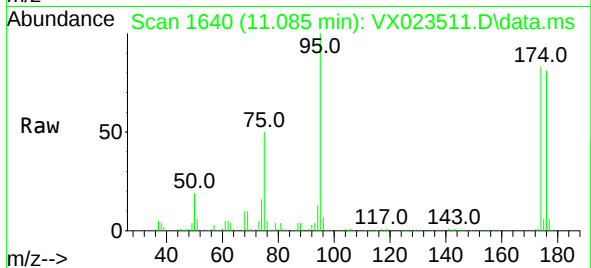




#62
4-Bromofluorobenzene
Concen: 50.002 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023511.D
Acq: 29 Jul 2021 14:23

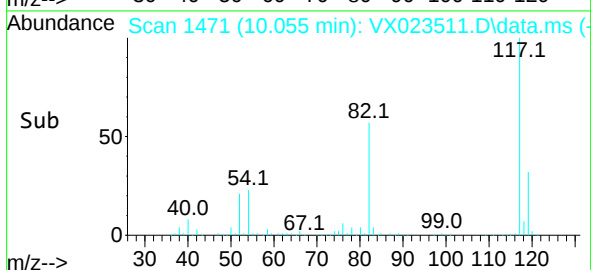
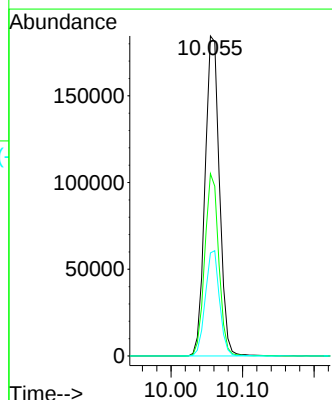
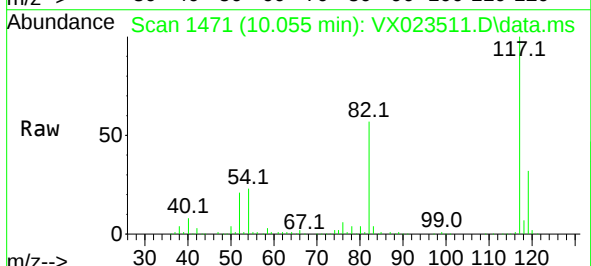
Instrument :
MSVOA_X
ClientSampleId :

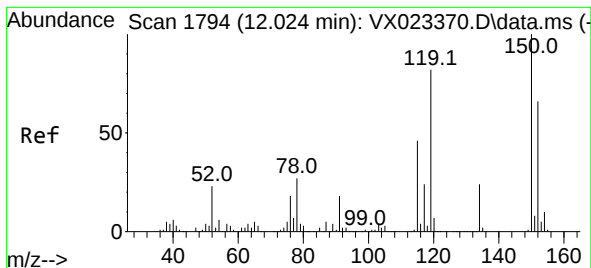
Tgt Ion: 95 Resp: 112096
Ion Ratio Lower Upper
95 100
174 81.6 0.0 154.6
176 78.6 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX023511.D
Acq: 29 Jul 2021 14:23

Tgt Ion: 117 Resp: 258511
Ion Ratio Lower Upper
117 100
82 57.0 47.4 71.2
119 32.2 26.6 39.8

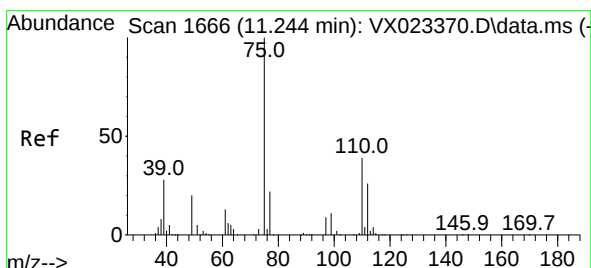
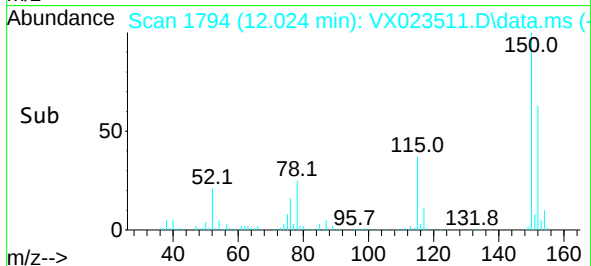
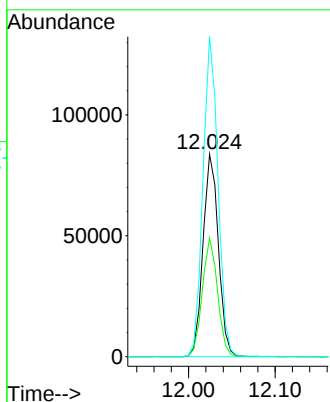
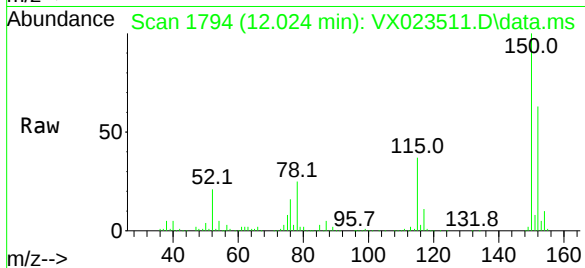




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX023511.D
Acq: 29 Jul 2021 14:23

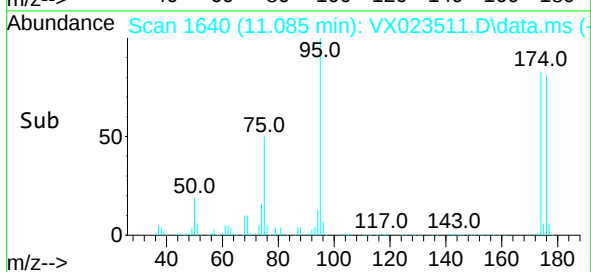
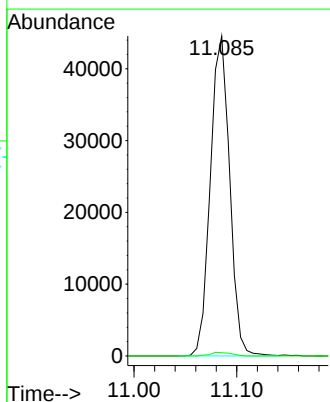
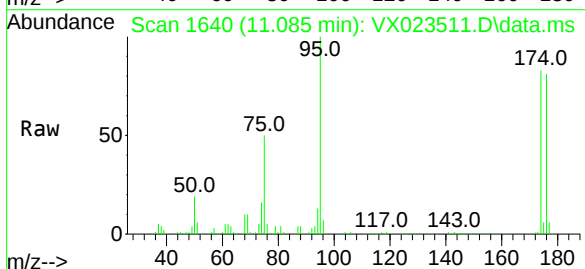
Instrument :
MSVOA_X
ClientSampleId :

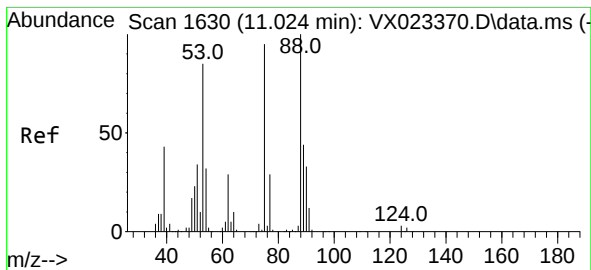
Tgt Ion:152 Resp: 103113
Ion Ratio Lower Upper
152 100
115 58.1 41.1 123.3
150 154.4 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 25.617 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX023511.D
Acq: 29 Jul 2021 14:23

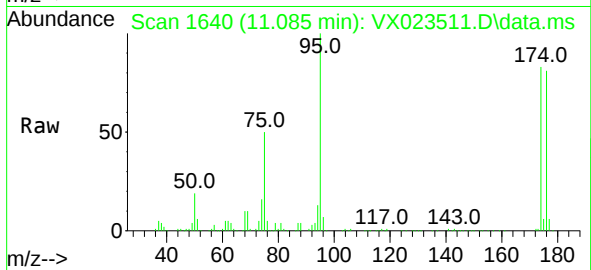
Tgt Ion: 75 Resp: 58128
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 68.882 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. 0.061 min
 Lab File: VX023511.D
 Acq: 29 Jul 2021 14:23

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 58128
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.5 111.7#
 89 0.1 37.9 56.9#

