

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072721\
 Data File : VX023475.D
 Acq On : 27 Jul 2021 14:26
 Operator : JC/MD
 Sample : M3146-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 28 00:51:20 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)

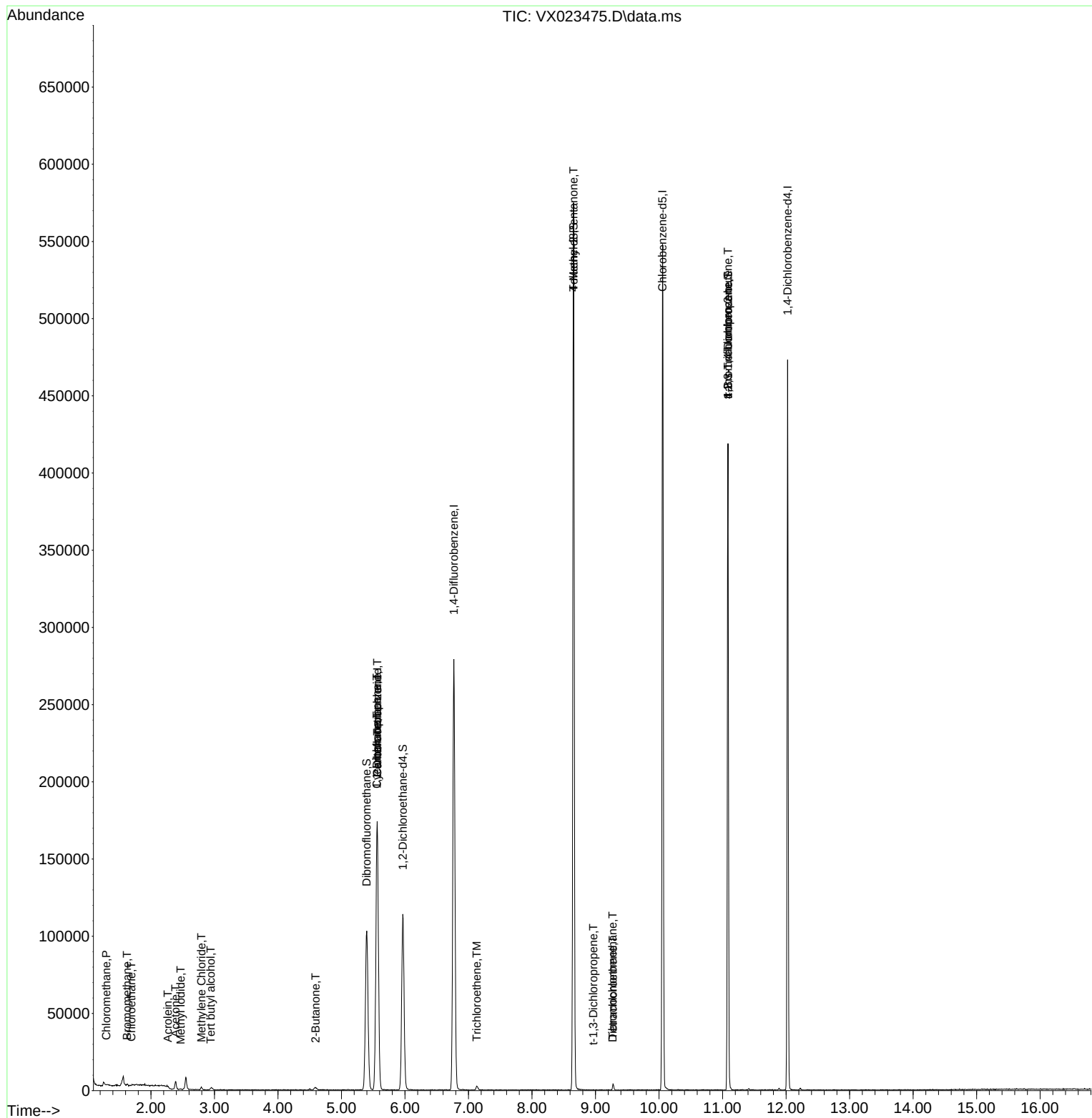
Internal Standards						
1) Pentafluorobenzene	5.562	168	164090	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	281311	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	246505	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	93077	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	108292	52.906	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 105.820%	
35) Dibromofluoromethane	5.397	113	89482	50.874	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.740%	
50) Toluene-d8	8.653	98	334698	51.793	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 103.580%	
62) 4-Bromofluorobenzene	11.085	95	103383	47.048	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 94.100%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	488	0.277	ug/l #	84
5) Bromomethane	1.624	94	473	0.448	ug/l	98
6) Chloroethane	1.691	64	333	0.305	ug/l #	43
10) Methyl Iodide	2.465	142	421	0.207	ug/l #	86
11) Tert butyl alcohol	2.940	59	908	1.942	ug/l #	73
13) Acrolein	2.264	56	154	2.008	ug/l	93
16) Acetone	2.386	43	5739	5.716	ug/l #	87
20) Methylene Chloride	2.794	84	707	0.362	ug/l	91
25) 2-Butanone	4.593	43	354	0.227	ug/l #	45
31) Cyclohexane	5.556	56	3533	1.165	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	12793	5.027	ug/l #	49
38) Carbon Tetrachloride	5.562	117	16262	6.284	ug/l #	15
44) Trichloroethene	7.129	130	991	0.478	ug/l	87
51) 4-Methyl-2-Pentanone	8.653	43	1633	0.537	ug/l #	1
53) t-1,3-Dichloropropene	8.964	75	19	1.823	ug/l #	44
60) Dibromochloromethane	9.269	129	544	2.232	ug/l #	11
64) Tetrachloroethene	9.275	164	630	0.321	ug/l #	81
76) 1,2,3-Trichloropropane	11.085	75	53161	25.955	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	53161	69.789	ug/l #	12

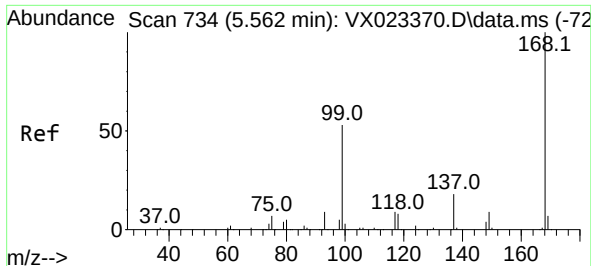
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

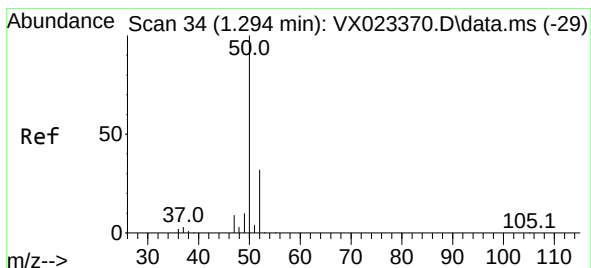
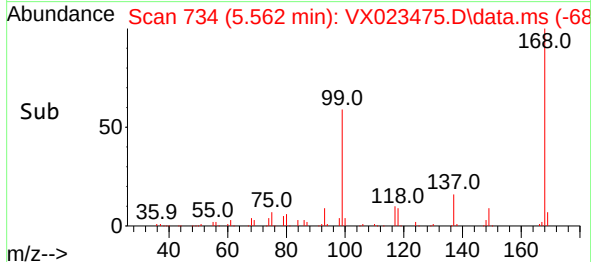
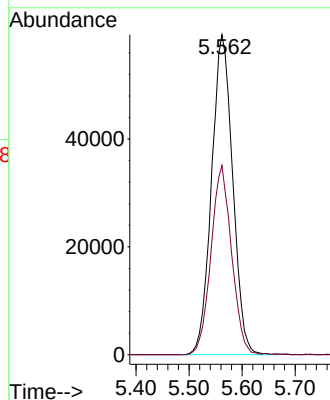
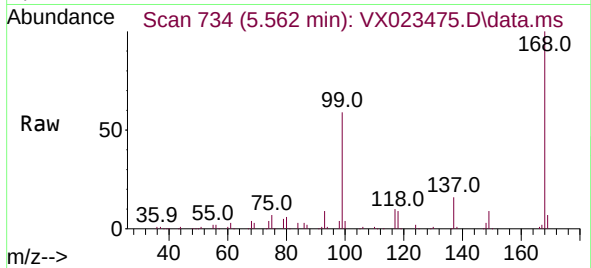




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX023475.D
Acq: 27 Jul 2021 14:26

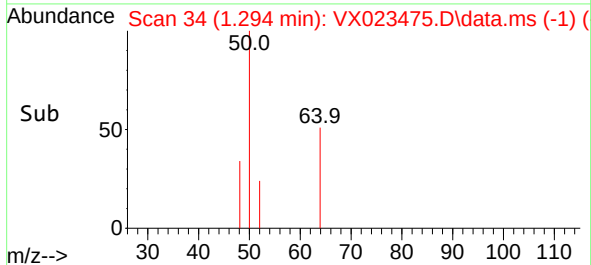
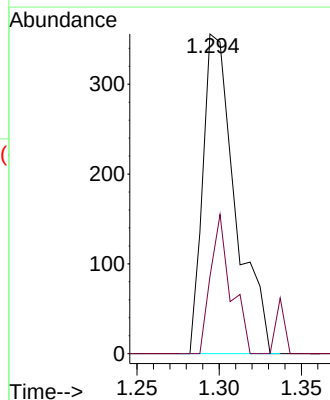
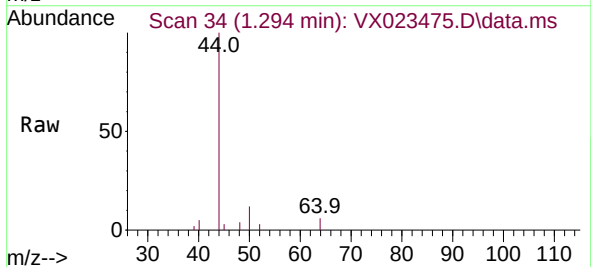
Instrument :
MSVOA_X
ClientSampleId :

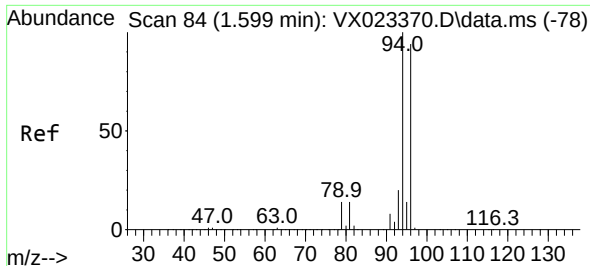
Tgt Ion:168 Resp: 164090
Ion Ratio Lower Upper
168 100
99 59.2 45.8 68.6



#3
Chloromethane
Concen: 0.277 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX023475.D
Acq: 27 Jul 2021 14:26

Tgt Ion: 50 Resp: 488
Ion Ratio Lower Upper
50 100
52 24.2 26.4 39.6#

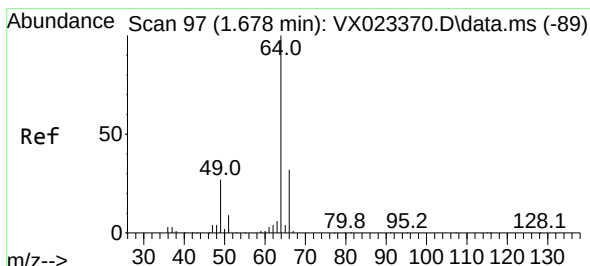
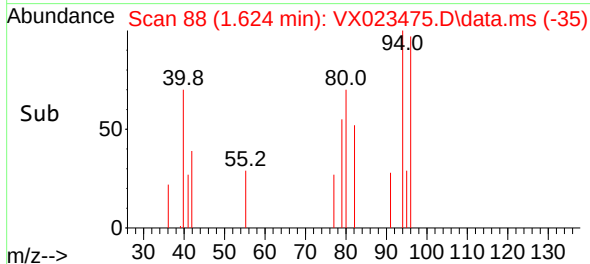
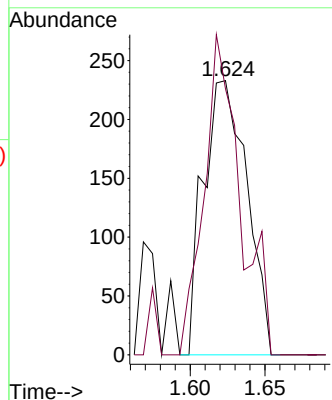
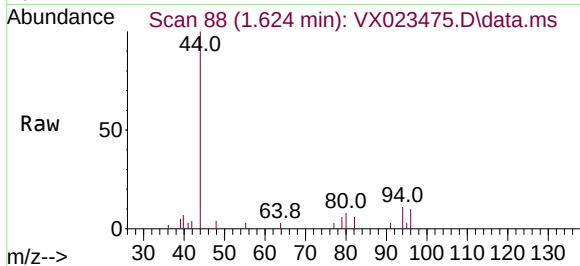




#5
Bromomethane
Concen: 0.448 ug/l
RT: 1.624 min Scan# 88
Delta R.T. 0.025 min
Lab File: VX023475.D
Acq: 27 Jul 2021 14:26

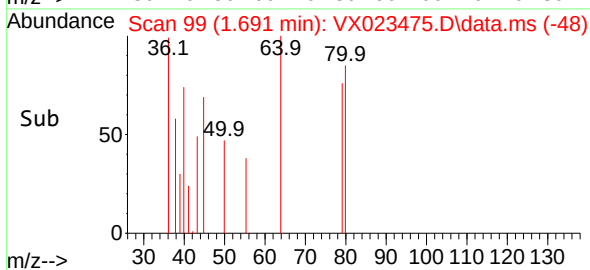
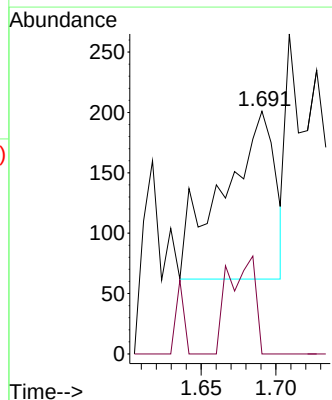
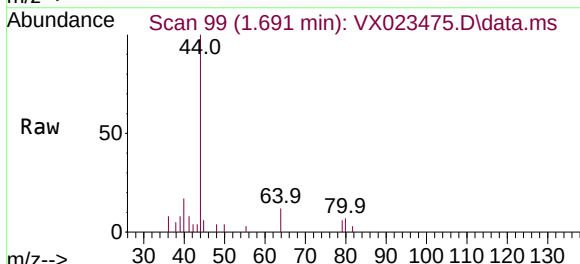
Instrument :
MSVOA_X
ClientSampleId :

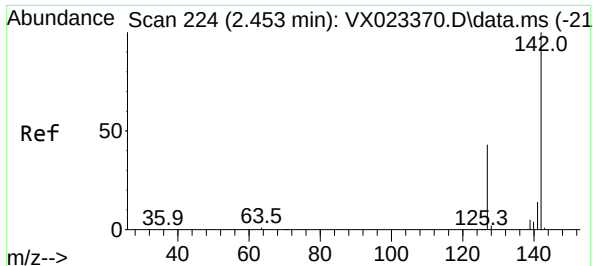
Tgt Ion: 94 Resp: 473
Ion Ratio Lower Upper
94 100
96 97.0 76.4 114.6



#6
Chloroethane
Concen: 0.305 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.013 min
Lab File: VX023475.D
Acq: 27 Jul 2021 14:26

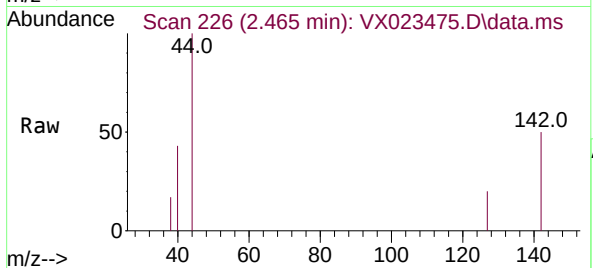
Tgt Ion: 64 Resp: 333
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



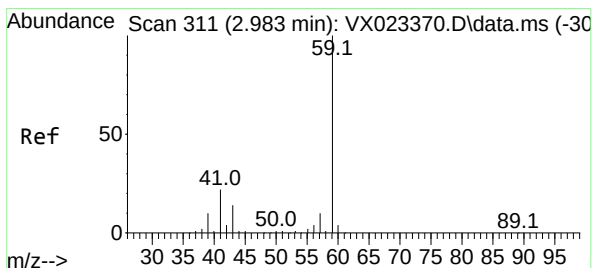
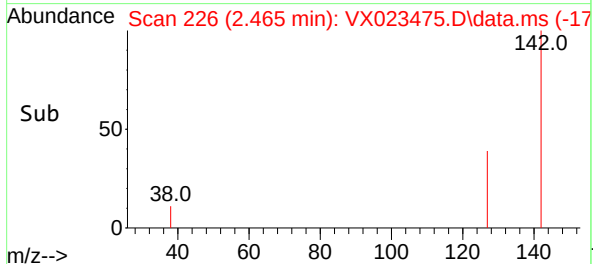
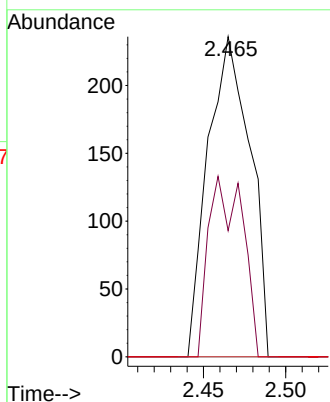


#10
Methyl Iodide
Concen: 0.207 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.012 min
Lab File: VX023475.D
Acq: 27 Jul 2021 14:26

Instrument :
MSVOA_X
ClientSampleId :

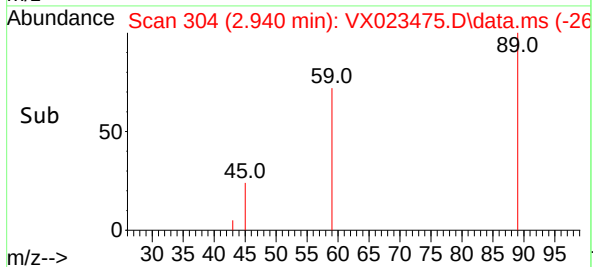
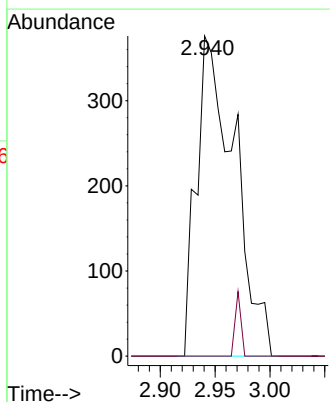
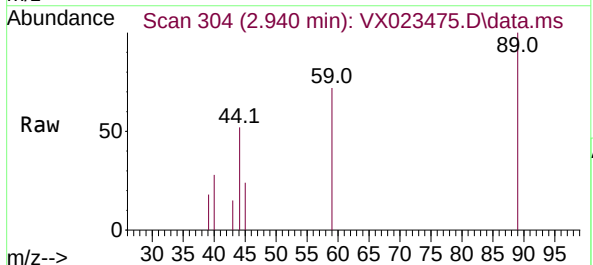


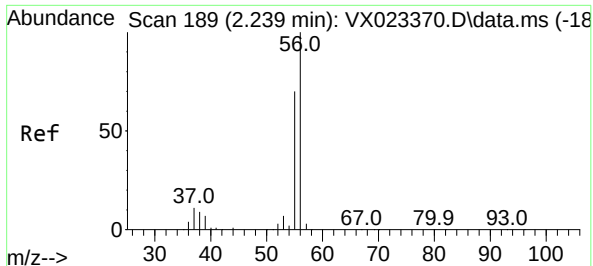
Tgt Ion:142 Resp: 421
Ion Ratio Lower Upper
142 100
127 45.6 33.3 49.9
141 0.0 11.4 17.0#



#11
Tert butyl alcohol
Concen: 1.942 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.043 min
Lab File: VX023475.D
Acq: 27 Jul 2021 14:26

Tgt Ion: 59 Resp: 908
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

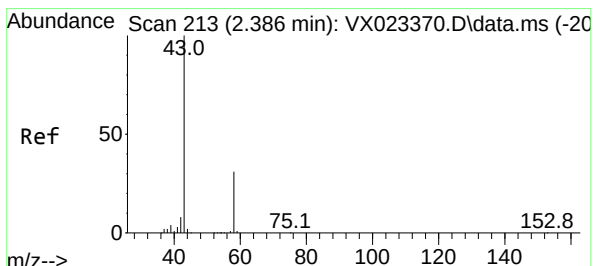
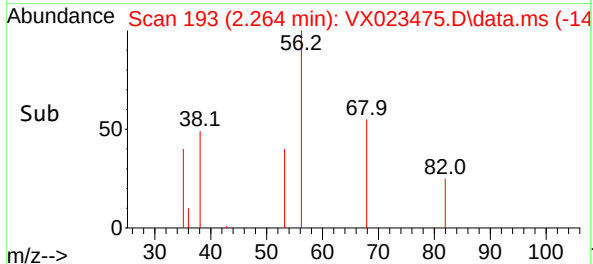
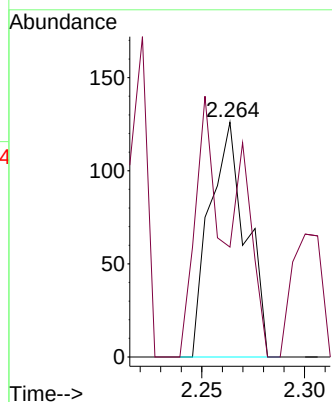
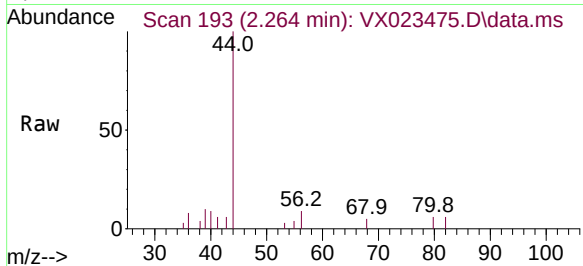




#13
Acrolein
Concen: 2.008 ug/l
RT: 2.264 min Scan# 193
Delta R.T. 0.025 min
Lab File: VX023475.D
Acq: 27 Jul 2021 14:26

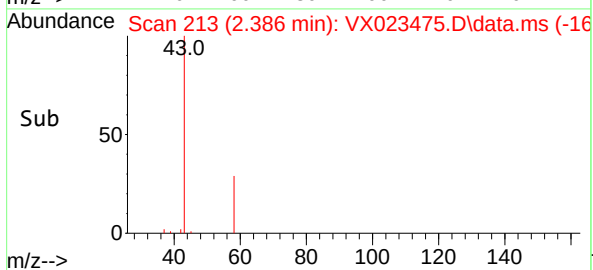
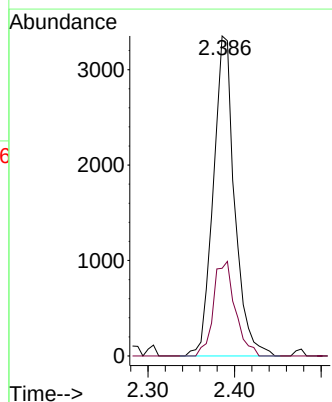
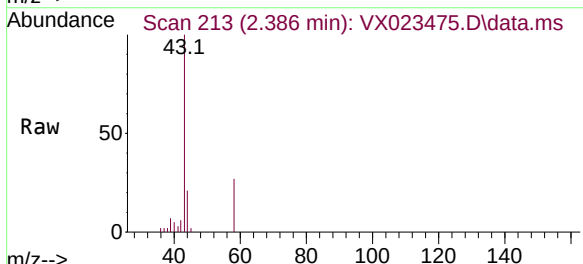
Instrument :
MSVOA_X
ClientSampleId :

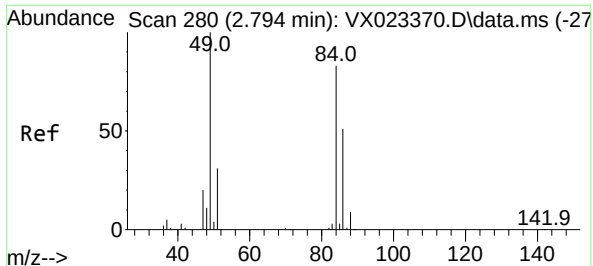
Tgt Ion: 56 Resp: 154
Ion Ratio Lower Upper
56 100
55 76.6 56.4 84.6



#16
Acetone
Concen: 5.716 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX023475.D
Acq: 27 Jul 2021 14:26

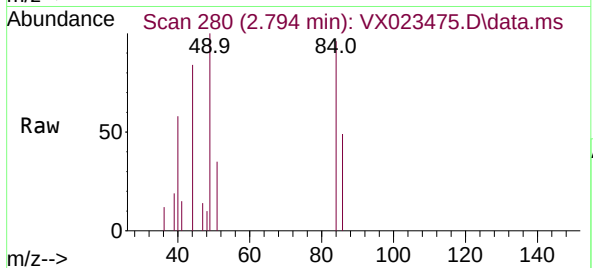
Tgt Ion: 43 Resp: 5739
Ion Ratio Lower Upper
43 100
58 27.4 27.8 41.8#



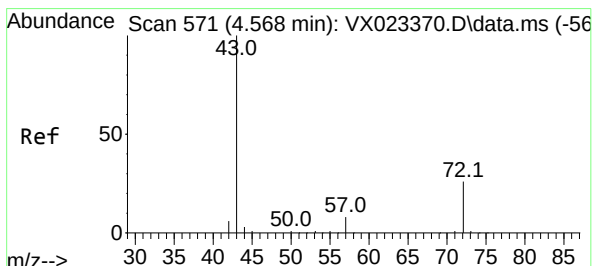
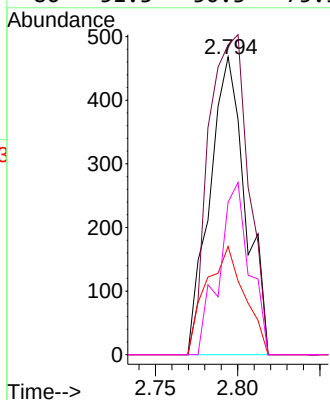
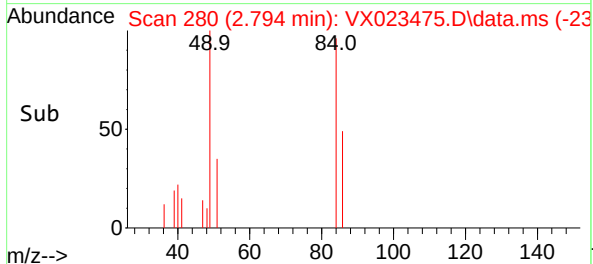


#20
Methylene Chloride
Concen: 0.362 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX023475.D
Acq: 27 Jul 2021 14:26

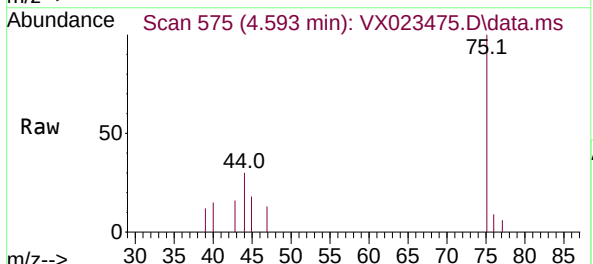
Instrument :
MSVOA_X
ClientSampleId :



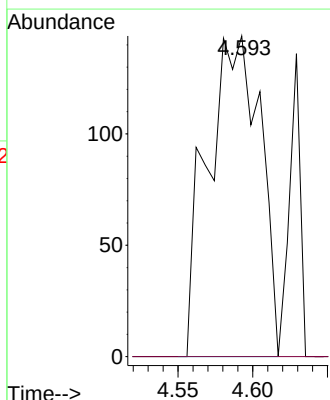
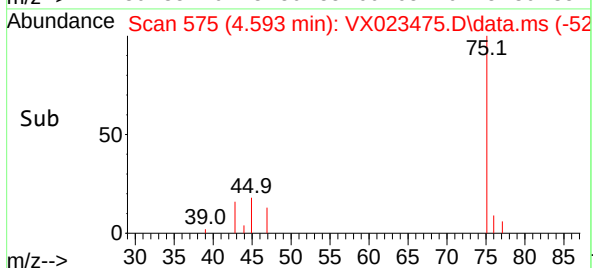
Tgt Ion:	84	Resp:	707
Ion	Ratio	Lower	Upper
84	100		
49	104.1	88.6	132.8
51	36.3	27.0	40.6
86	51.3	50.3	75.5

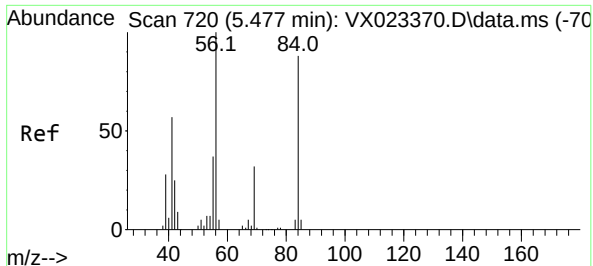


#25
2-Butanone
Concen: 0.227 ug/l
RT: 4.593 min Scan# 575
Delta R.T. 0.025 min
Lab File: VX023475.D
Acq: 27 Jul 2021 14:26



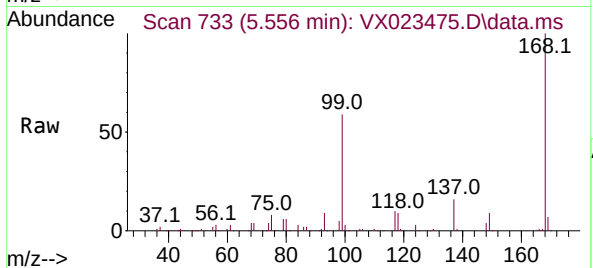
Tgt Ion:	43	Resp:	354
Ion	Ratio	Lower	Upper
43	100		
72	0.0	23.7	35.5#



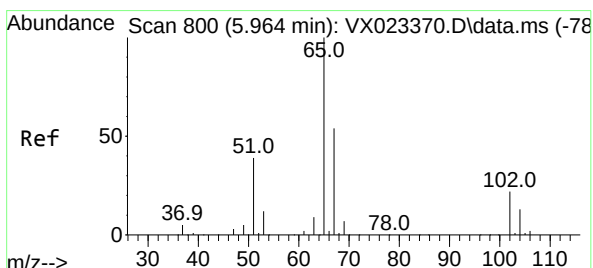
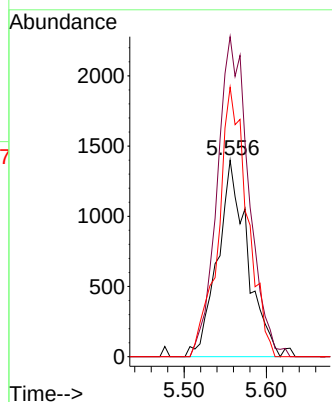
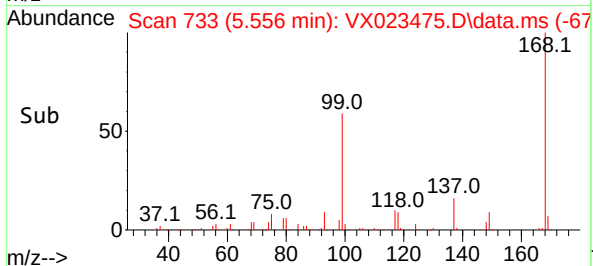


#31
Cyclohexane
Concen: 1.165 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX023475.D
Acq: 27 Jul 2021 14:26

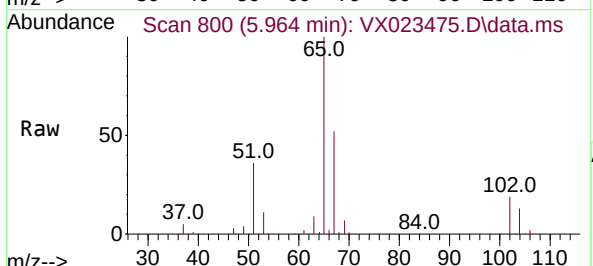
Instrument :
MSVOA_X
ClientSampleId :



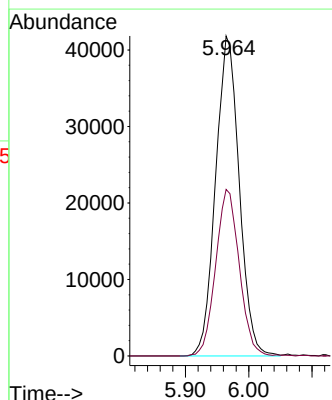
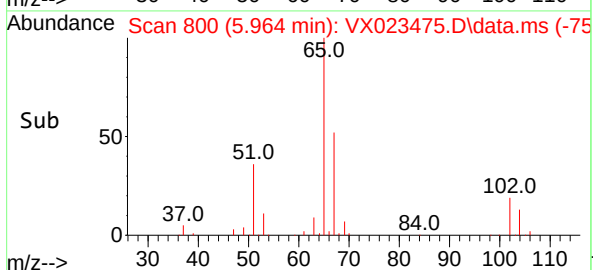
Tgt Ion: 56 Resp: 3533
Ion Ratio Lower Upper
56 100
69 162.9 25.3 37.9#
84 137.2 71.4 107.0#

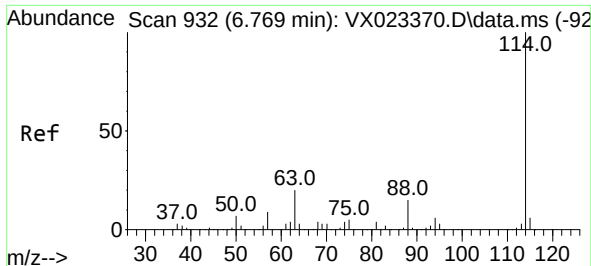


#33
1,2-Dichloroethane-d4
Concen: 52.906 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023475.D
Acq: 27 Jul 2021 14:26



Tgt Ion: 65 Resp: 108292
Ion Ratio Lower Upper
65 100
67 52.2 0.0 105.4

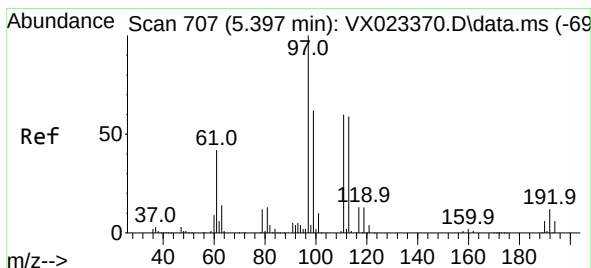
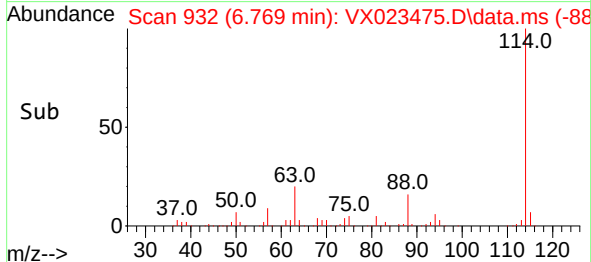
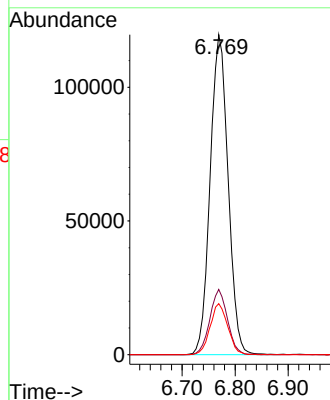
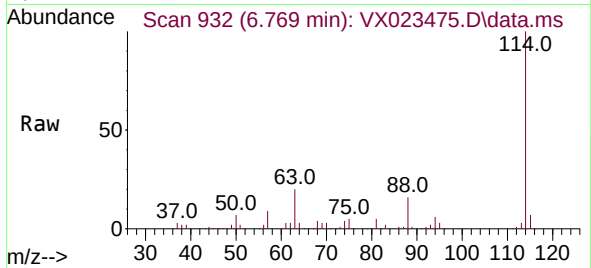




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX023475.D
Acq: 27 Jul 2021 14:26

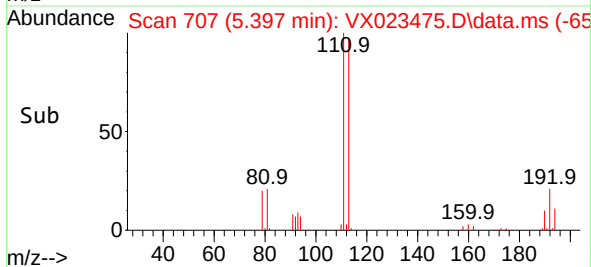
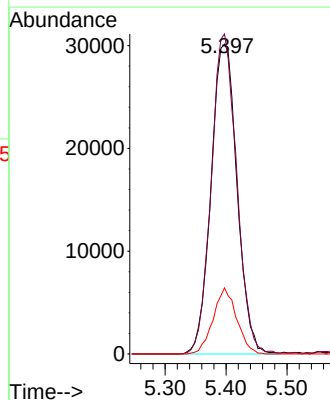
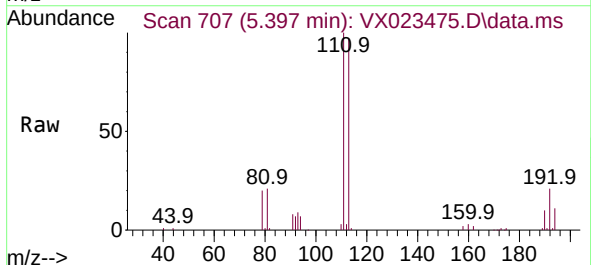
Instrument :
MSVOA_X
ClientSampleId :

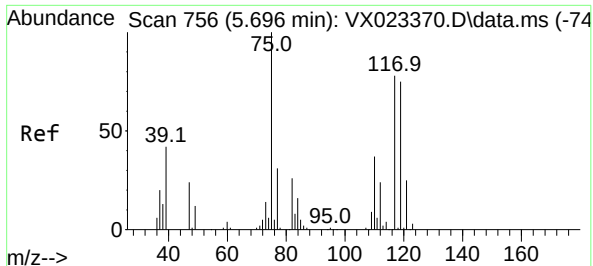
Tgt Ion:114 Resp: 281311
Ion Ratio Lower Upper
114 100
63 20.4 0.0 40.8
88 16.0 0.0 32.8



#35
Dibromofluoromethane
Concen: 50.874 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023475.D
Acq: 27 Jul 2021 14:26

Tgt Ion:113 Resp: 89482
Ion Ratio Lower Upper
113 100
111 100.9 81.9 122.9
192 19.2 16.7 25.1

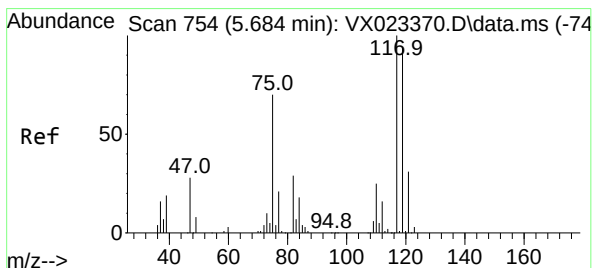
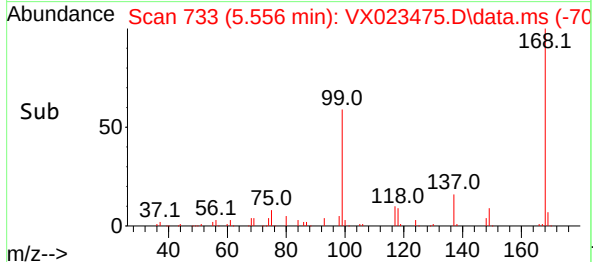
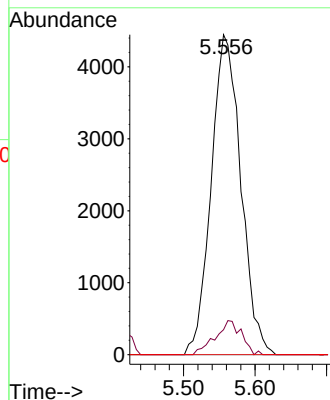
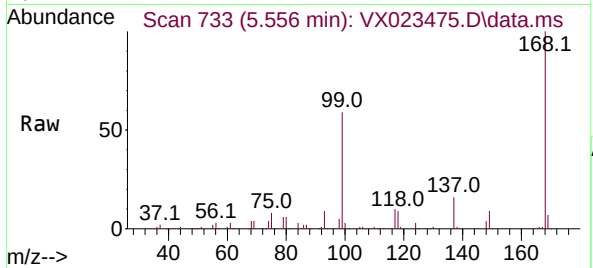




#36
1,1-Dichloropropene
Concen: 5.027 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX023475.D
Acq: 27 Jul 2021 14:26

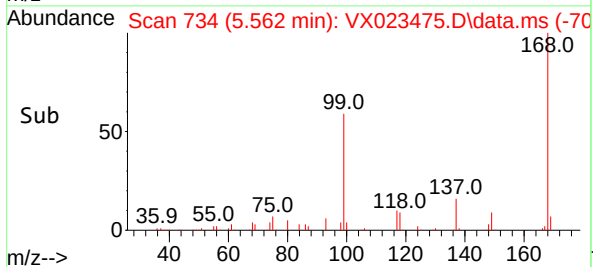
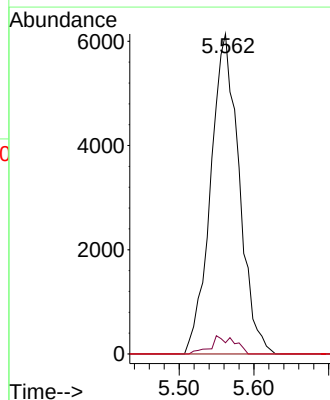
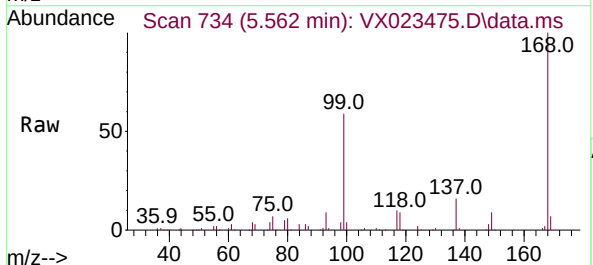
Instrument :
MSVOA_X
ClientSampleId :

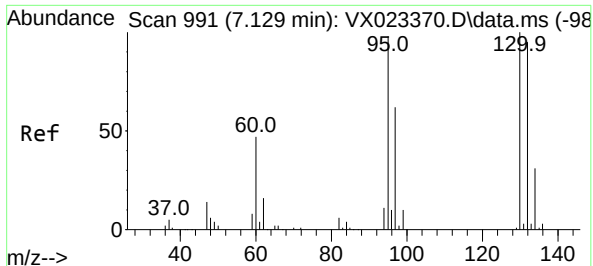
Tgt Ion: 75 Resp: 12793
Ion Ratio Lower Upper
75 100
110 9.4 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.284 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.122 min
Lab File: VX023475.D
Acq: 27 Jul 2021 14:26

Tgt Ion: 117 Resp: 16262
Ion Ratio Lower Upper
117 100
119 3.5 76.2 114.2#
121 0.0 24.8 37.2#

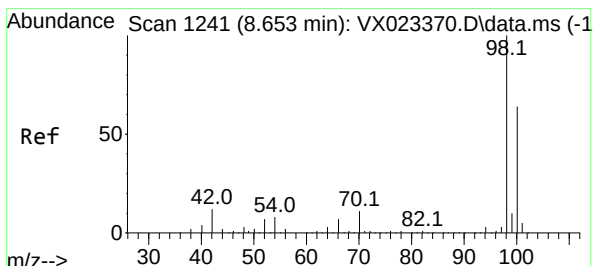
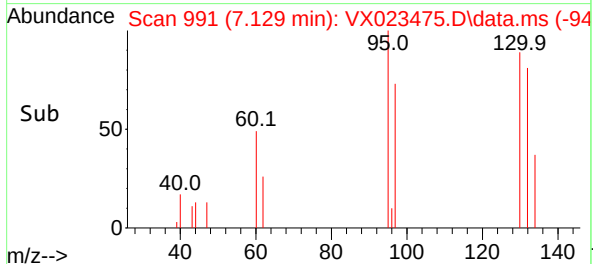
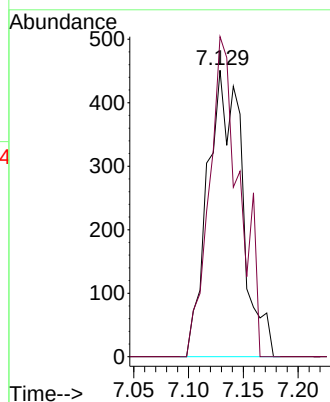
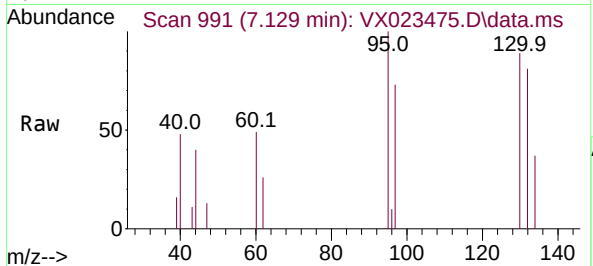




#44
Trichloroethene
Concen: 0.478 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX023475.D
Acq: 27 Jul 2021 14:26

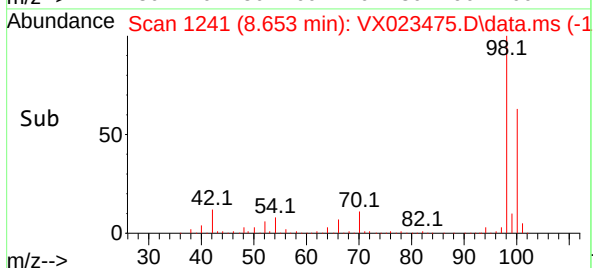
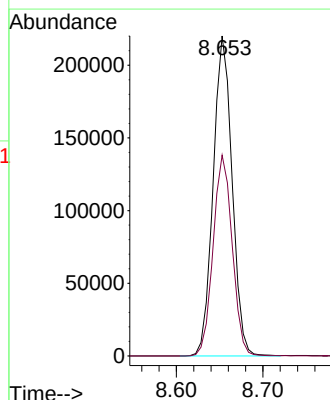
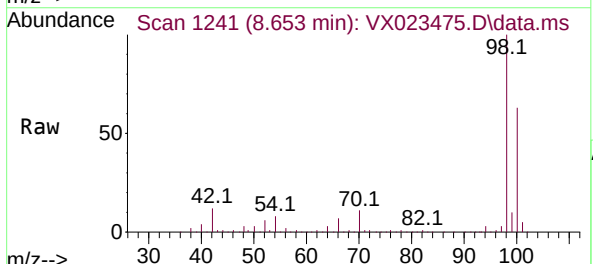
Instrument :
MSVOA_X
ClientSampled :

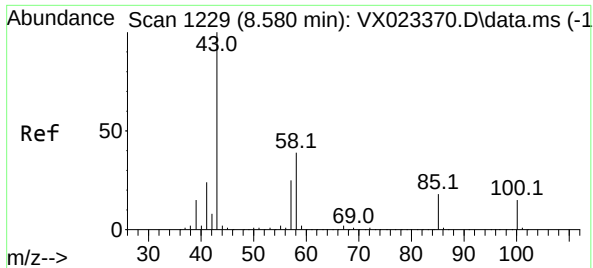
Tgt Ion:130 Resp: 991
Ion Ratio Lower Upper
130 100
95 111.8 0.0 198.0



#50
Toluene-d8
Concen: 51.793 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023475.D
Acq: 27 Jul 2021 14:26

Tgt Ion: 98 Resp: 334698
Ion Ratio Lower Upper
98 100
100 63.3 51.9 77.9

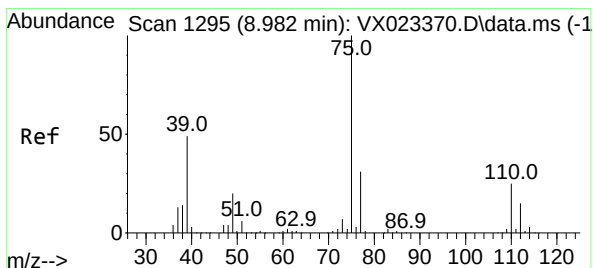
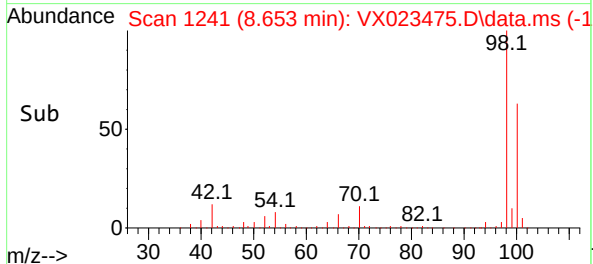
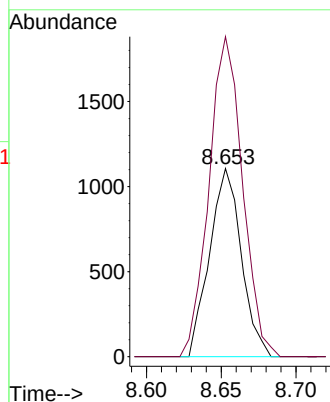
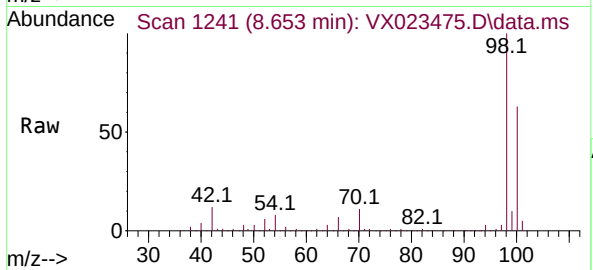




#51
4-Methyl-2-Pentanone
Concen: 0.537 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX023475.D
Acq: 27 Jul 2021 14:26

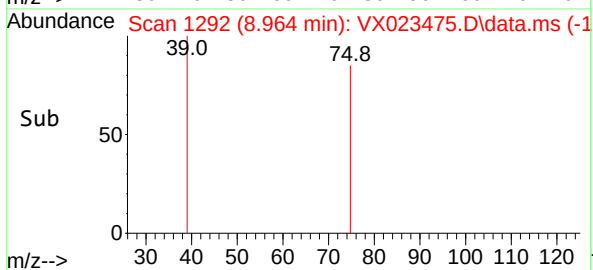
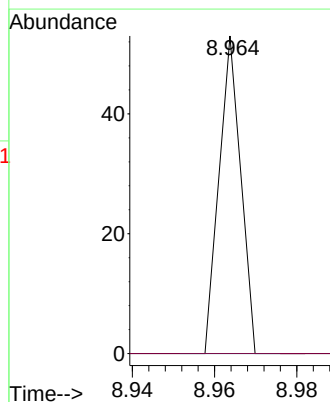
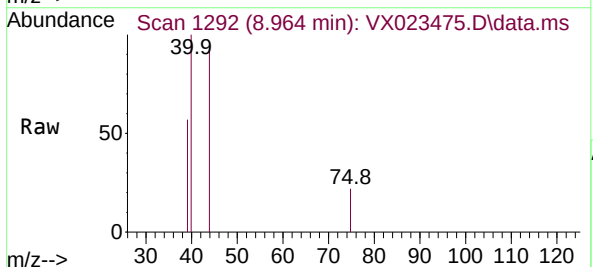
Instrument :
MSVOA_X
ClientSampled :

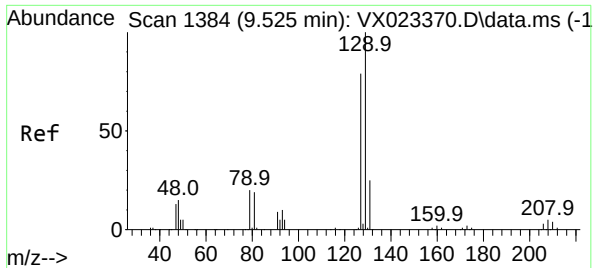
Tgt Ion: 43 Resp: 1633
Ion Ratio Lower Upper
43 100
58 179.7 35.4 53.0#



#53
t-1,3-Dichloropropene
Concen: 1.823 ug/l
RT: 8.964 min Scan# 1292
Delta R.T. -0.018 min
Lab File: VX023475.D
Acq: 27 Jul 2021 14:26

Tgt Ion: 75 Resp: 19
Ion Ratio Lower Upper
75 100
77 0.0 24.9 37.3#

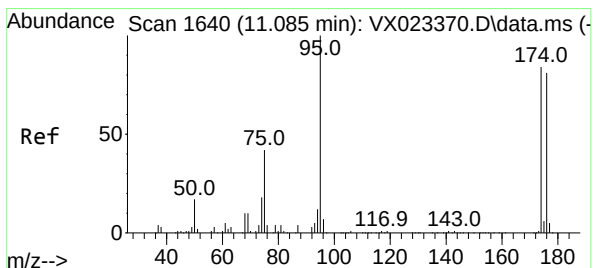
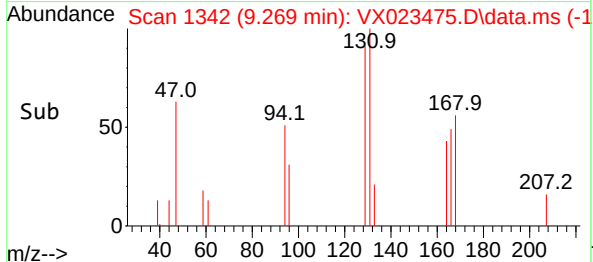
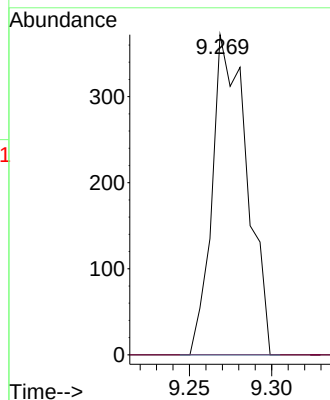
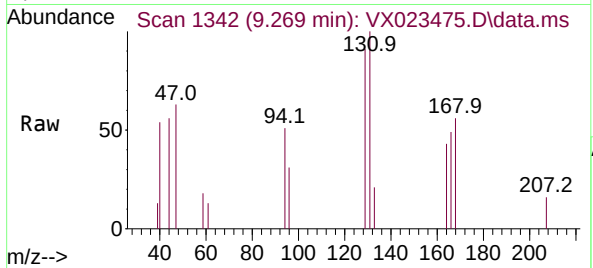




#60
Dibromochloromethane
Concen: 2.232 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.256 min
Lab File: VX023475.D
Acq: 27 Jul 2021 14:26

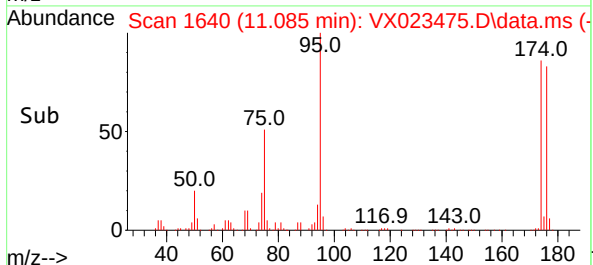
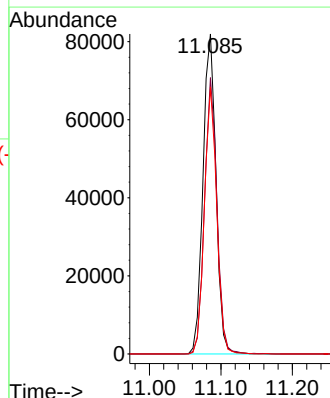
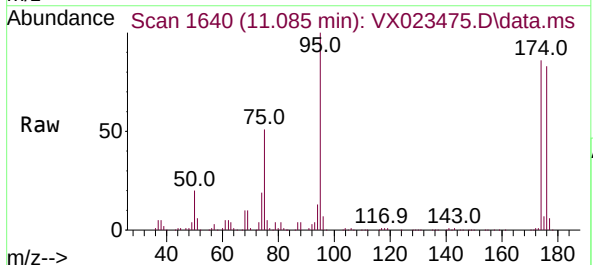
Instrument :
MSVOA_X
ClientSampleId :

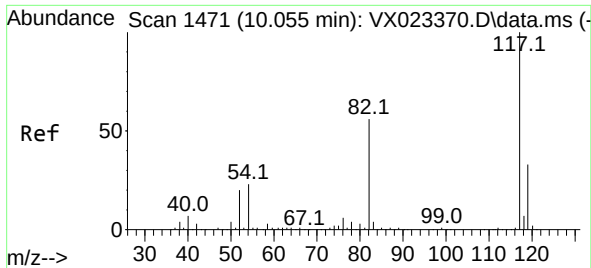
Tgt Ion:129 Resp: 544
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#



#62
4-Bromofluorobenzene
Concen: 47.048 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023475.D
Acq: 27 Jul 2021 14:26

Tgt Ion: 95 Resp: 103383
Ion Ratio Lower Upper
95 100
174 82.8 0.0 154.6
176 79.2 0.0 155.8

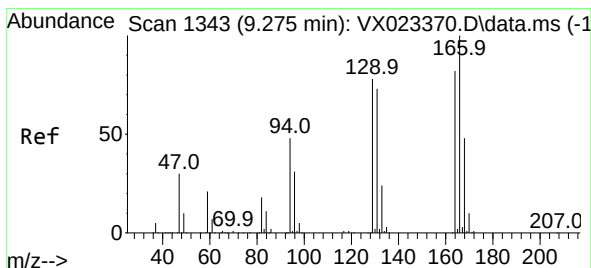
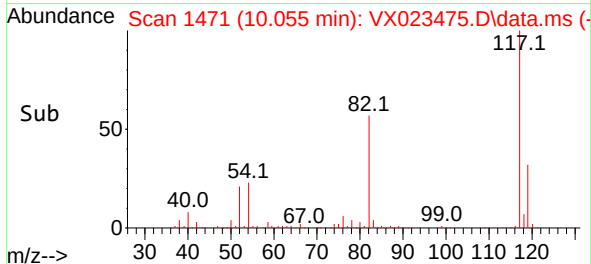
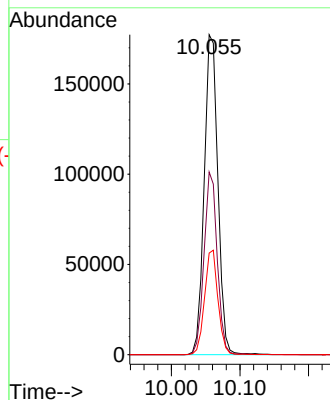
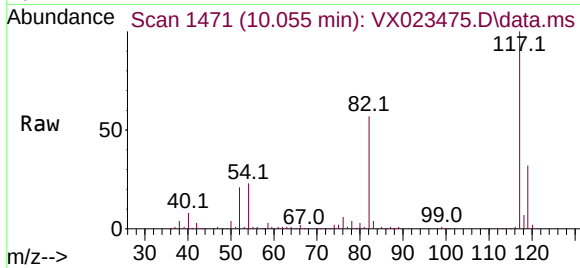




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX023475.D
Acq: 27 Jul 2021 14:26

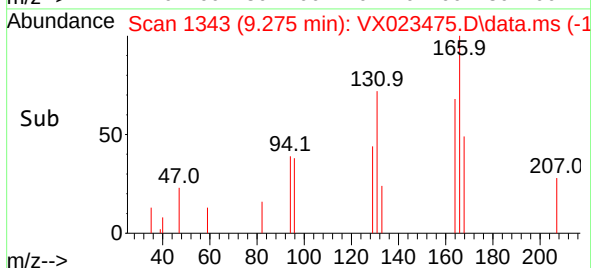
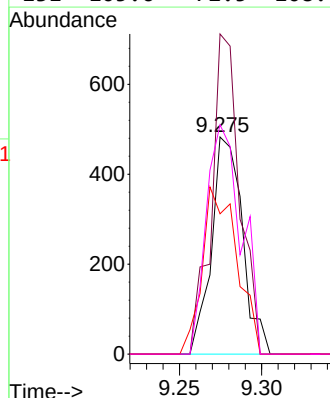
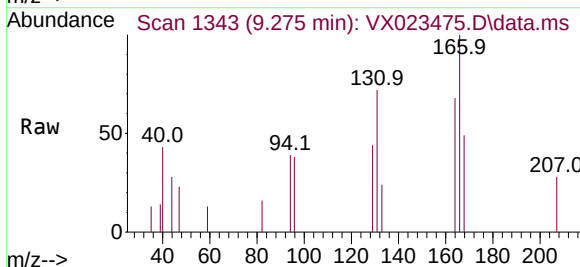
Instrument :
MSVOA_X
ClientSampleId :

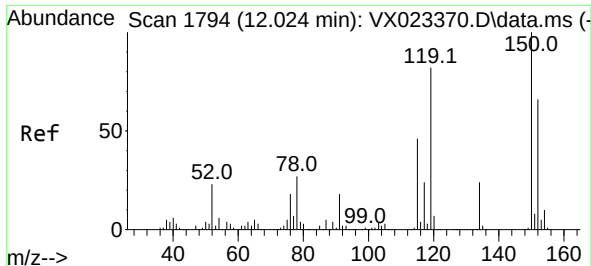
Tgt Ion:117 Resp: 246505
Ion Ratio Lower Upper
117 100
82 57.1 47.4 71.2
119 31.8 26.6 39.8



#64
Tetrachloroethene
Concen: 0.321 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX023475.D
Acq: 27 Jul 2021 14:26

Tgt Ion:164 Resp: 630
Ion Ratio Lower Upper
164 100
166 147.4 103.4 155.2
129 64.6 70.8 106.2#
131 105.6 72.5 108.7

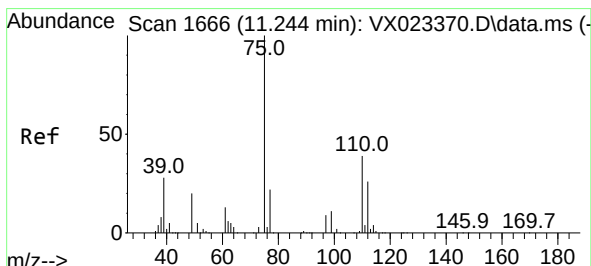
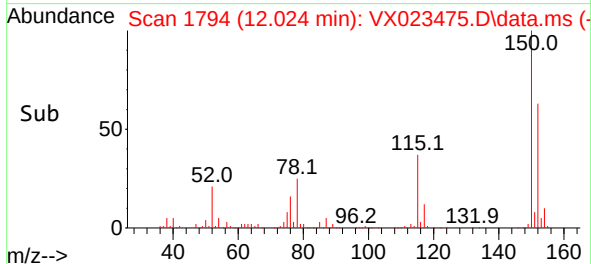
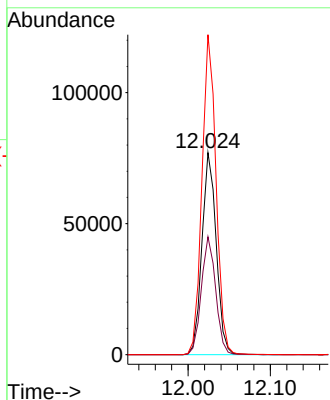
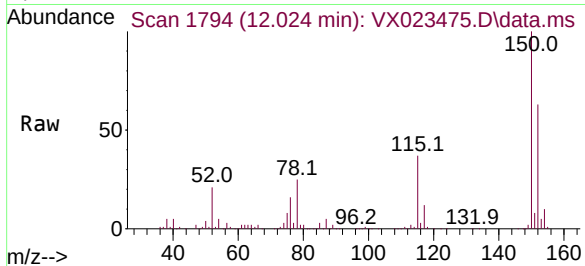




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX023475.D
 Acq: 27 Jul 2021 14:26

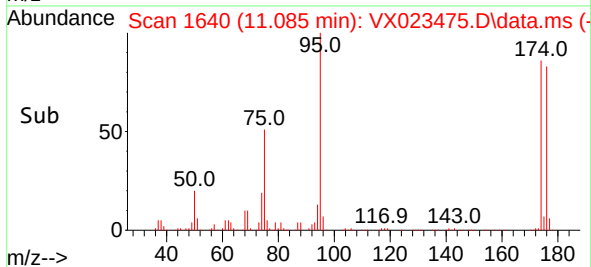
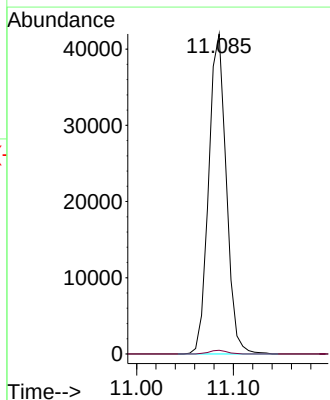
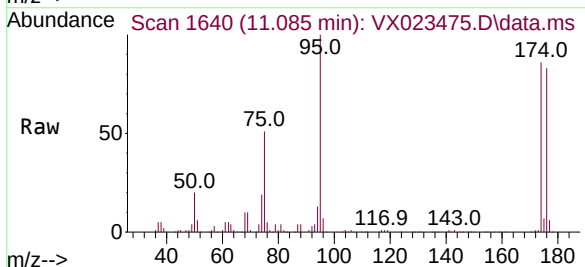
Instrument :
 MSVOA_X
 ClientSampled :

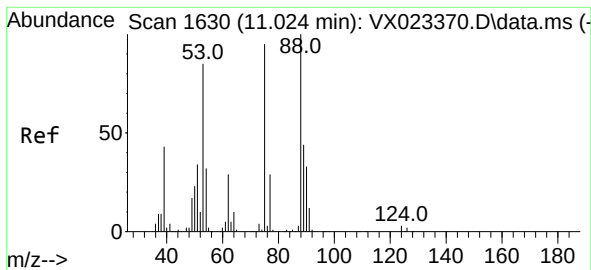
Tgt Ion:152 Resp: 93077
 Ion Ratio Lower Upper
 152 100
 115 58.6 41.1 123.3
 150 156.0 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 25.955 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX023475.D
 Acq: 27 Jul 2021 14:26

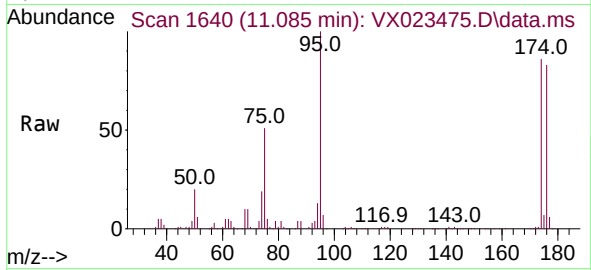
Tgt Ion: 75 Resp: 53161
 Ion Ratio Lower Upper
 75 100
 77 1.2 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 69.789 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. 0.061 min
 Lab File: VX023475.D
 Acq: 27 Jul 2021 14:26

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 53161
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.5 111.7#
 89 0.0 37.9 56.9#

