

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072821\
 Data File : VX023489.D
 Acq On : 28 Jul 2021 13:35
 Operator : JC/MD
 Sample : M3184-02
 Misc : 13.35g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 28 19:44:33 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)

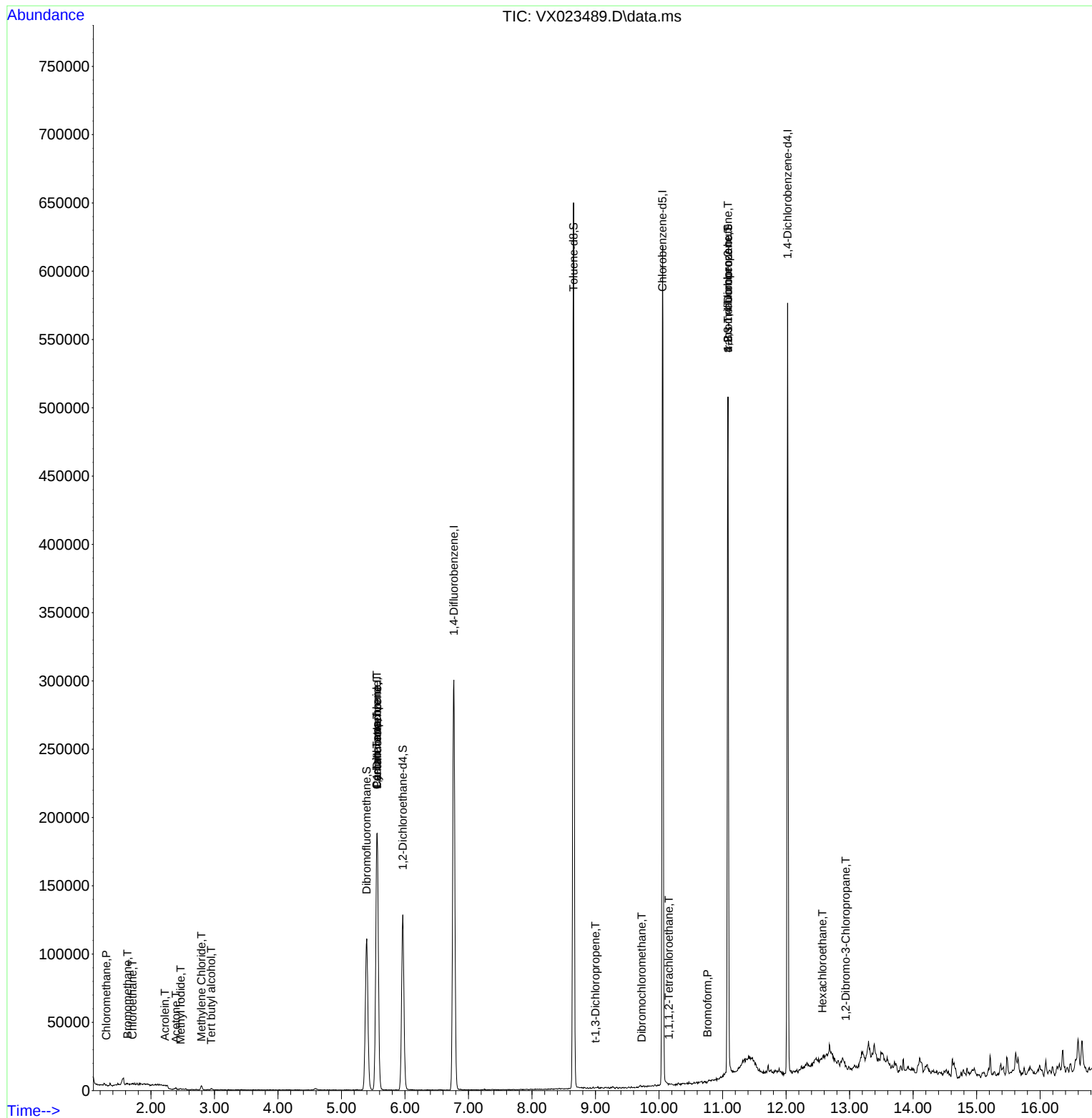
Internal Standards						
1) Pentafluorobenzene	5.562	168	183424	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	308159	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	277148	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	110886	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	120593	52.706	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 105.420%		
35) Dibromofluoromethane	5.397	113	93522	48.539	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 97.080%		
50) Toluene-d8	8.653	98	373869	52.814	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 105.620%		
62) 4-Bromofluorobenzene	11.085	95	127066	52.788	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 105.580%		
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	573	0.291	ug/l #	80
5) Bromomethane	1.630	94	693	0.587	ug/l	81
6) Chloroethane	1.709	64	841	0.689	ug/l #	43
10) Methyl Iodide	2.465	142	1053	0.463	ug/l #	94
11) Tert butyl alcohol	2.947	59	597	1.142	ug/l #	73
13) Acrolein	2.221	56	76	1.648	ug/l #	1
16) Acetone	2.392	43	1410	1.256	ug/l	95
20) Methylene Chloride	2.794	84	1233	0.565	ug/l	97
31) Cyclohexane	5.556	56	3984	1.175	ug/l #	4
36) 1,1-Dichloropropene	5.556	75	13666	4.902	ug/l #	51
38) Carbon Tetrachloride	5.556	117	18573	6.551	ug/l #	17
53) t-1,3-Dichloropropene	9.000	75	22	1.823	ug/l #	1
60) Dibromochloromethane	9.726	129	64	2.010	ug/l	58
66) 1,1,1,2-Tetrachloroethane	10.153	131	115	1.026	ug/l #	22
71) Bromoform	10.762	173	83	3.566	ug/l #	29
76) 1,2,3-Trichloropropane	11.085	75	65397	26.801	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	65397	72.064	ug/l #	12
90) Hexachloroethane	12.573	117	245	2.087	ug/l	69
92) 1,2-Dibromo-3-Chloropr...	12.939	75	63	2.210	ug/l #	52

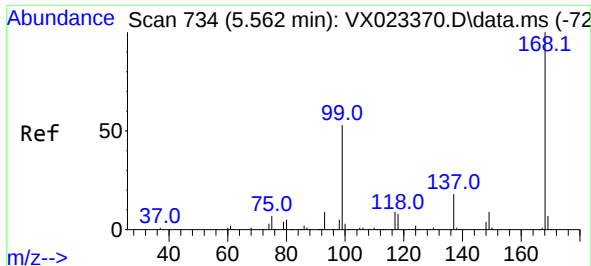
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072821\
Data File : VX023489.D
Acq On : 28 Jul 2021 13:35
Operator : JC/MD
Sample : M3184-02
Misc : 13.35g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Jul 28 19:44:33 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

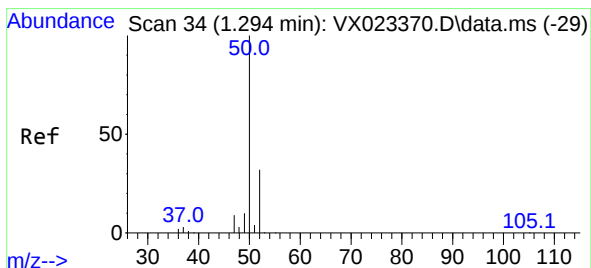
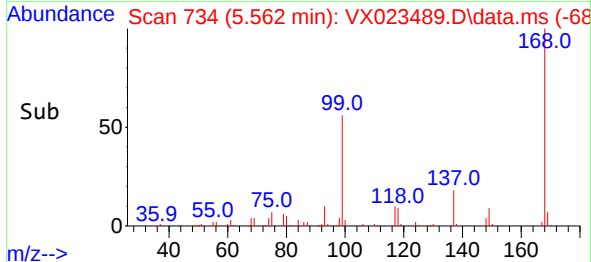
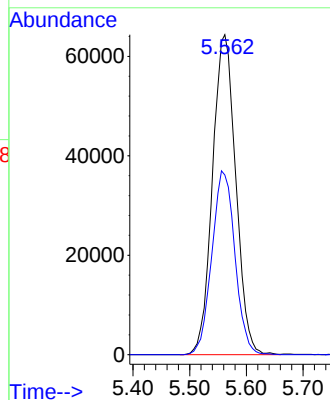
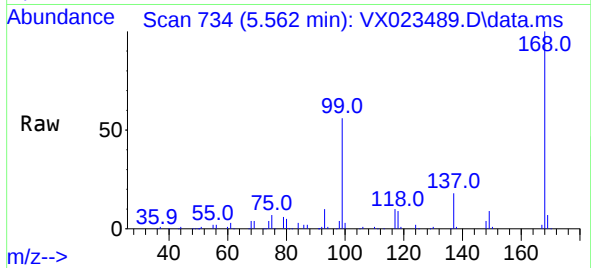




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX023489.D
Acq: 28 Jul 2021 13:35

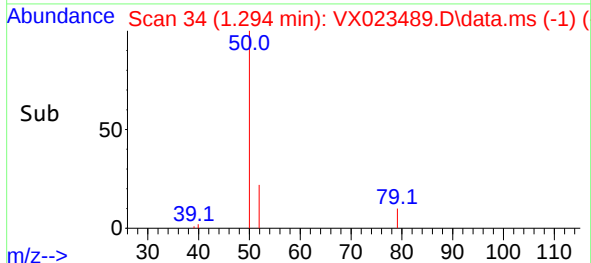
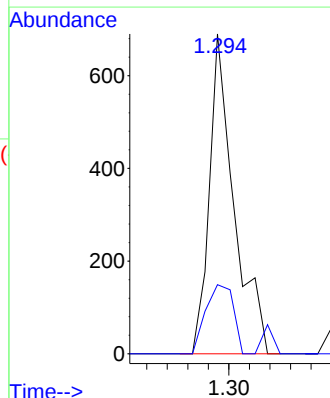
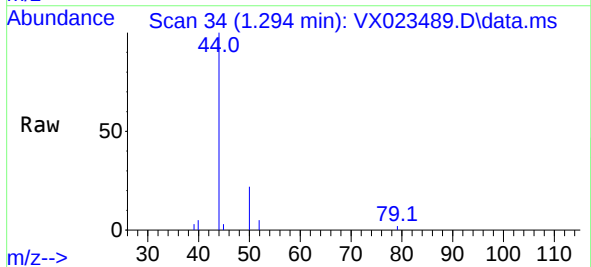
Instrument :
MSVOA_X
ClientSampleId :

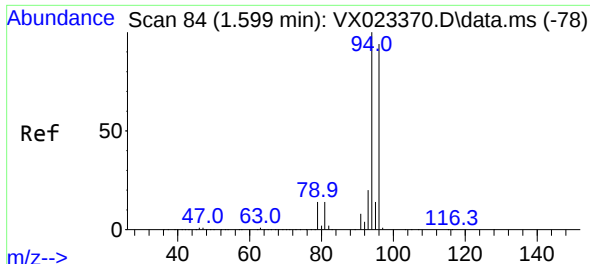
Tgt Ion:168 Resp: 183424
Ion Ratio Lower Upper
168 100
99 56.2 45.8 68.6



#3
Chloromethane
Concen: 0.291 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX023489.D
Acq: 28 Jul 2021 13:35

Tgt Ion: 50 Resp: 573
Ion Ratio Lower Upper
50 100
52 21.6 26.4 39.6#

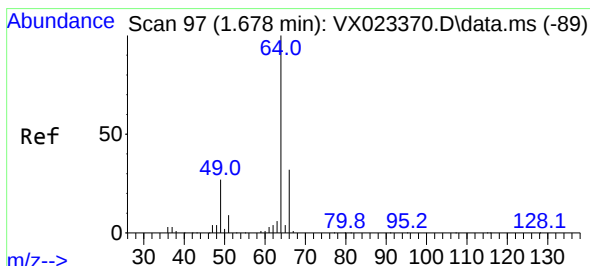
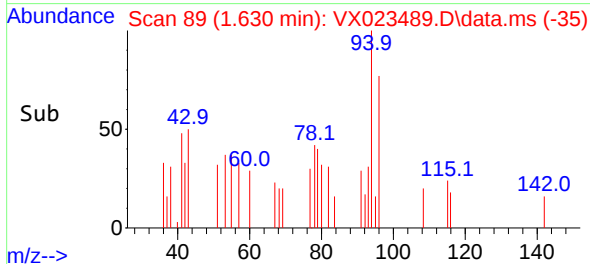
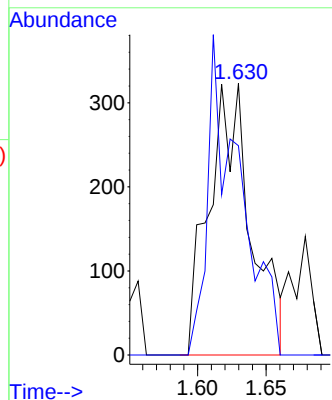
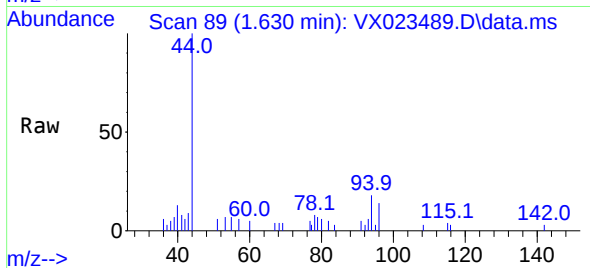




#5
Bromomethane
Concen: 0.587 ug/l
RT: 1.630 min Scan# 89
Delta R.T. 0.031 min
Lab File: VX023489.D
Acq: 28 Jul 2021 13:35

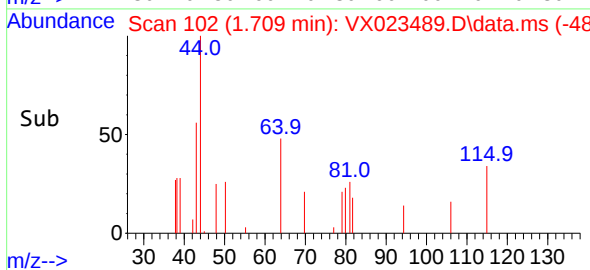
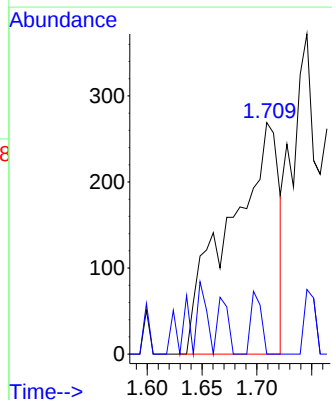
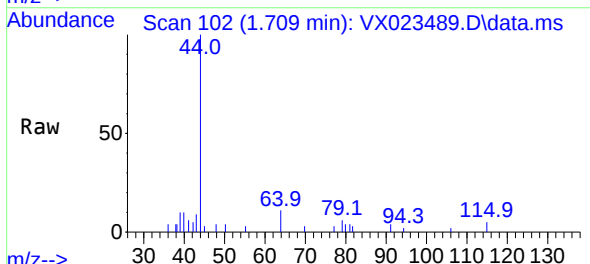
Instrument :
MSVOA_X
ClientSampled :

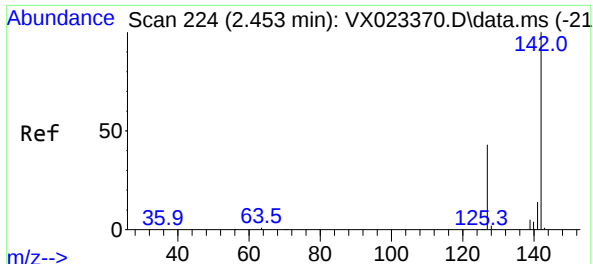
Tgt Ion: 94 Resp: 693
Ion Ratio Lower Upper
94 100
96 77.1 76.4 114.6



#6
Chloroethane
Concen: 0.689 ug/l
RT: 1.709 min Scan# 102
Delta R.T. 0.031 min
Lab File: VX023489.D
Acq: 28 Jul 2021 13:35

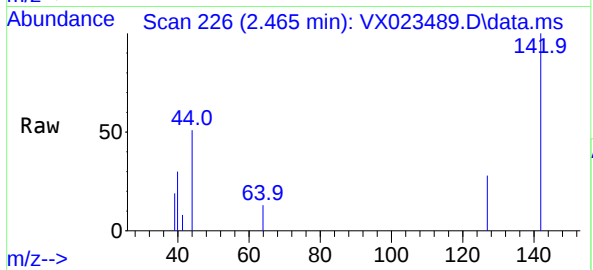
Tgt Ion: 64 Resp: 841
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



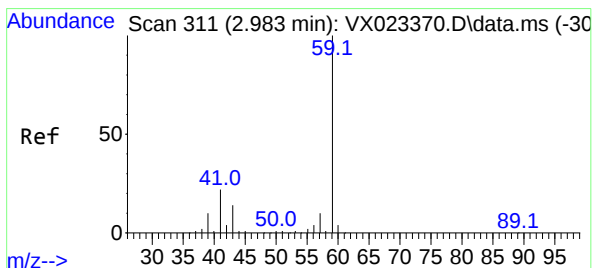
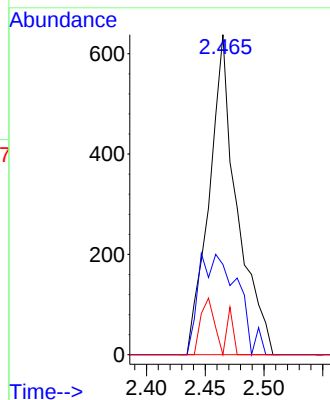
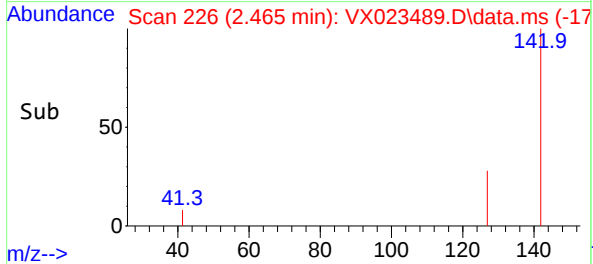


#10
Methyl Iodide
Concen: 0.463 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.012 min
Lab File: VX023489.D
Acq: 28 Jul 2021 13:35

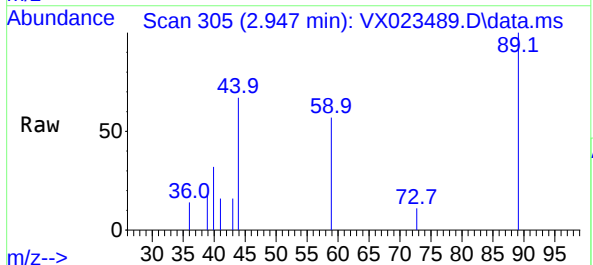
Instrument :
MSVOA_X
ClientSampleId :



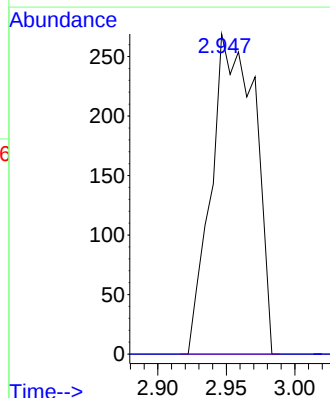
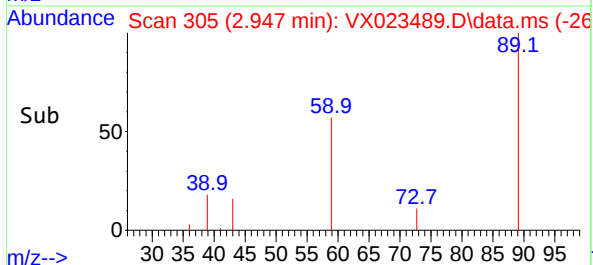
Tgt Ion:142 Resp: 1053
Ion Ratio Lower Upper
142 100
127 44.2 33.3 49.9
141 8.6 11.4 17.0#

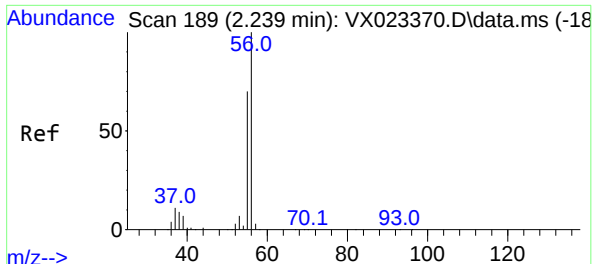


#11
Tert butyl alcohol
Concen: 1.142 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.036 min
Lab File: VX023489.D
Acq: 28 Jul 2021 13:35



Tgt Ion: 59 Resp: 597
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

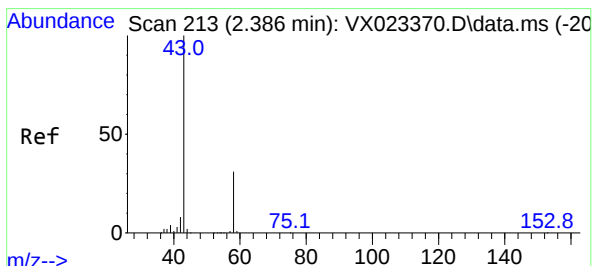
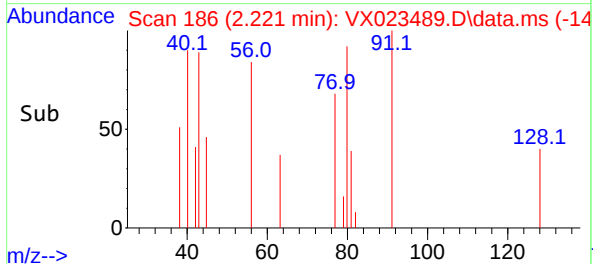
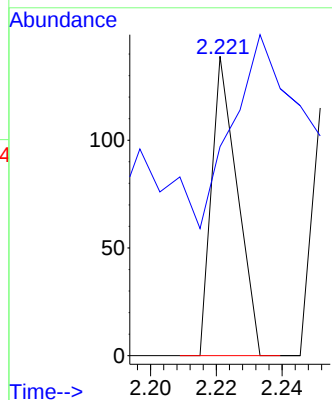
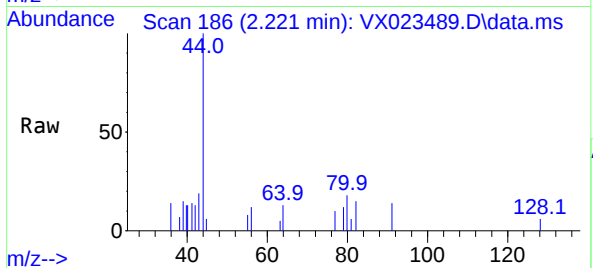




#13
Acrolein
Concen: 1.648 ug/l
RT: 2.221 min Scan# 186
Delta R.T. -0.018 min
Lab File: VX023489.D
Acq: 28 Jul 2021 13:35

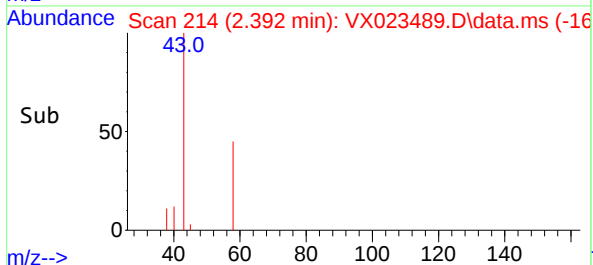
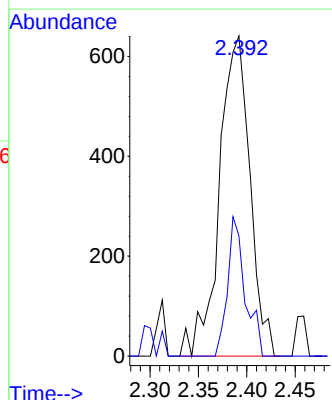
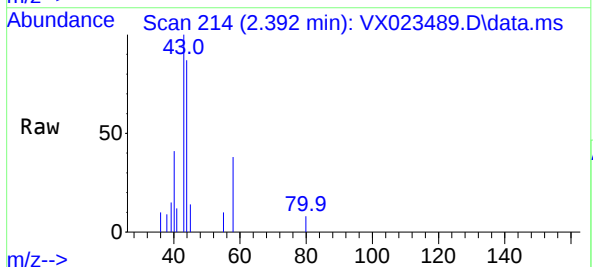
Instrument :
MSVOA_X
ClientSampled :

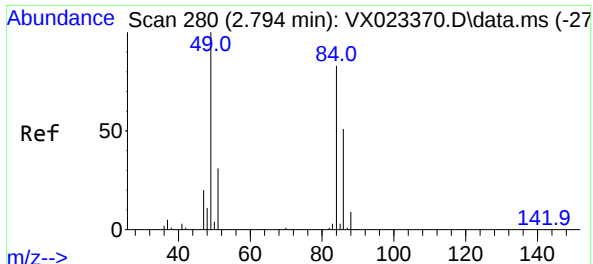
Tgt Ion: 56 Resp: 76
Ion Ratio Lower Upper
56 100
55 423.7 56.4 84.6#



#16
Acetone
Concen: 1.256 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX023489.D
Acq: 28 Jul 2021 13:35

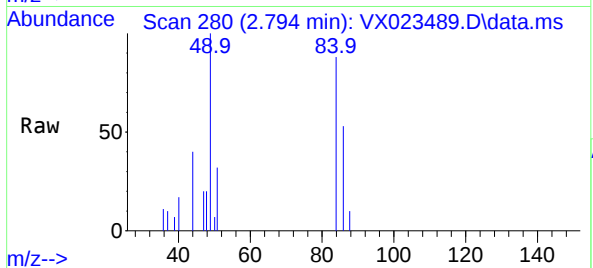
Tgt Ion: 43 Resp: 1410
Ion Ratio Lower Upper
43 100
58 37.6 27.8 41.8





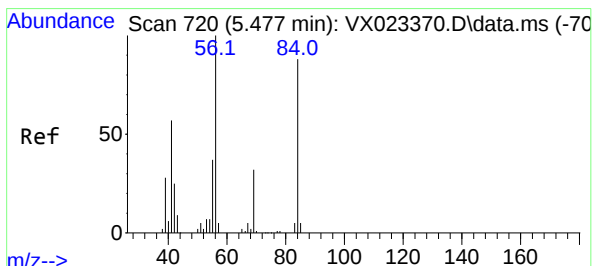
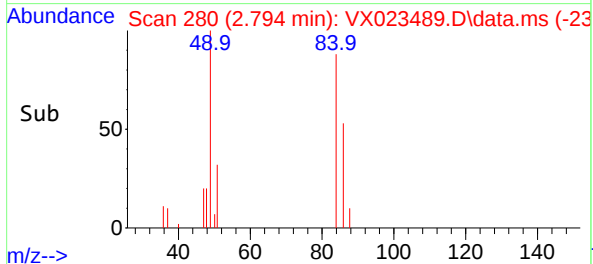
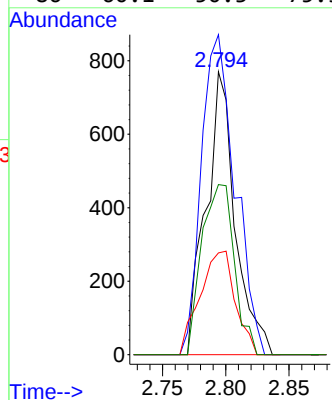
#20
Methylene Chloride
Concen: 0.565 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX023489.D
Acq: 28 Jul 2021 13:35

Instrument :
MSVOA_X
ClientSampled :



Tgt Ion: 84 Resp: 1233

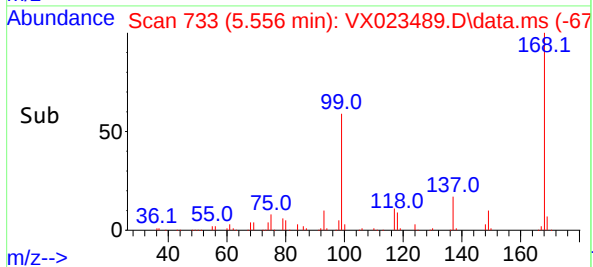
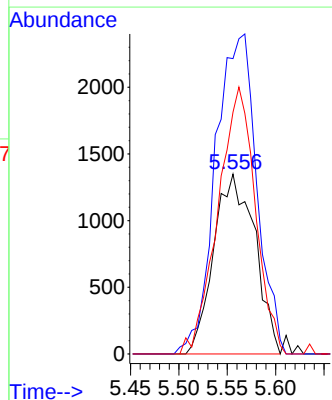
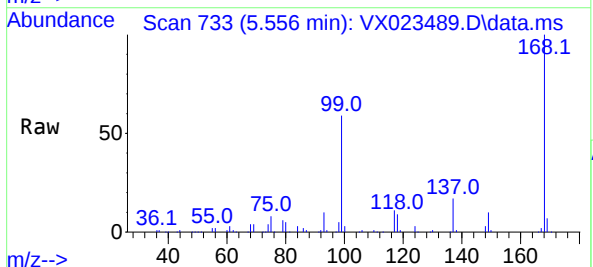
Ion	Ratio	Lower	Upper
84	100		
49	113.1	88.6	132.8
51	36.0	27.0	40.6
86	60.1	50.3	75.5

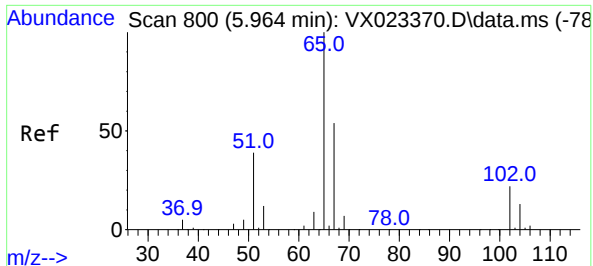


#31
Cyclohexane
Concen: 1.175 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX023489.D
Acq: 28 Jul 2021 13:35

Tgt Ion: 56 Resp: 3984

Ion	Ratio	Lower	Upper
56	100		
69	160.3	25.3	37.9#
84	134.4	71.4	107.0#



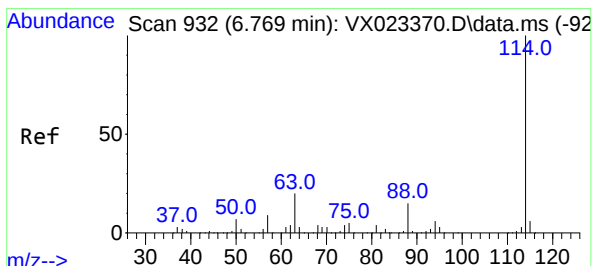
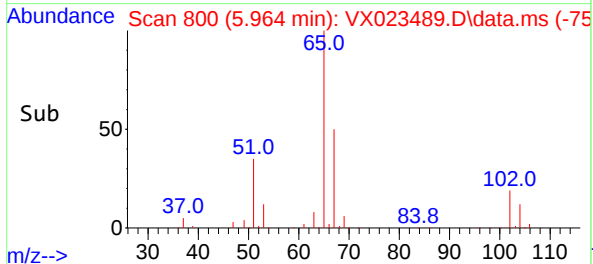
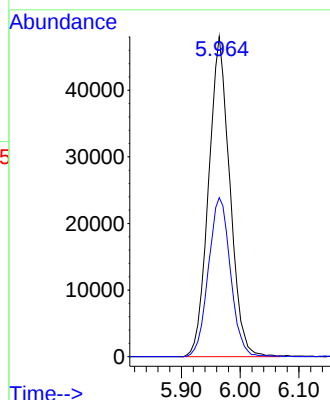
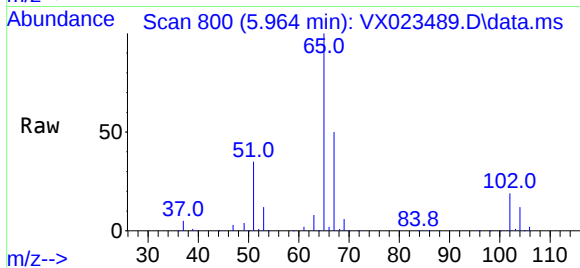


#33

1,2-Dichloroethane-d4
Concen: 52.706 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023489.D
Acq: 28 Jul 2021 13:35

Instrument :
MSVOA_X
ClientSampleId :

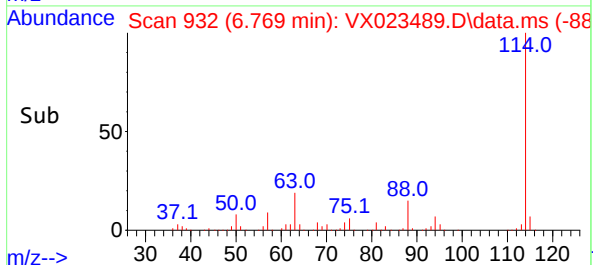
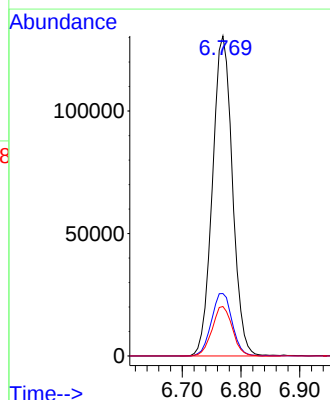
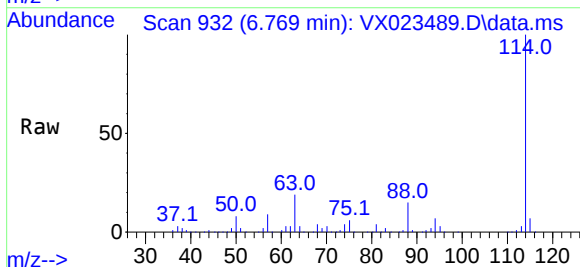
Tgt Ion: 65 Resp: 120593
Ion Ratio Lower Upper
65 100
67 51.6 0.0 105.4

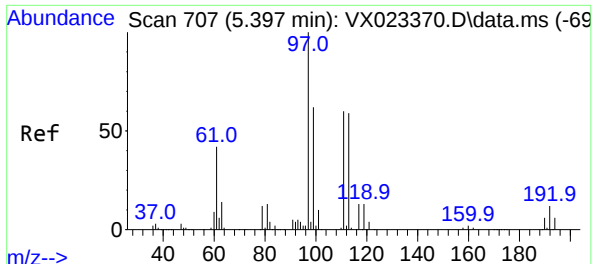


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX023489.D
Acq: 28 Jul 2021 13:35

Tgt Ion: 114 Resp: 308159
Ion Ratio Lower Upper
114 100
63 19.5 0.0 40.8
88 15.4 0.0 32.8

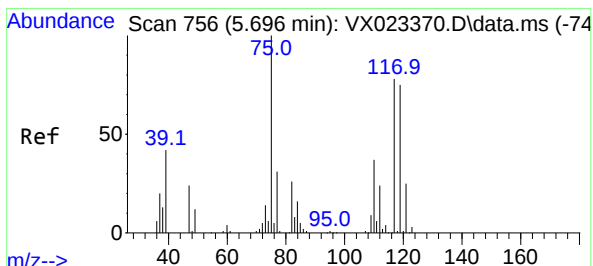
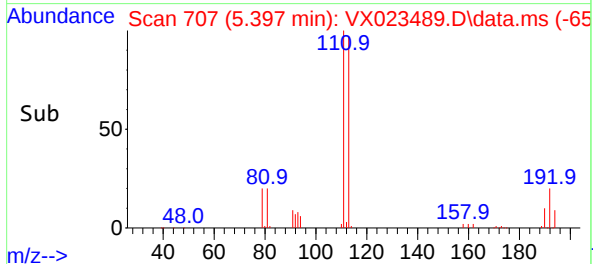
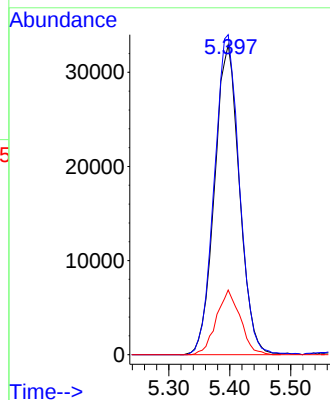
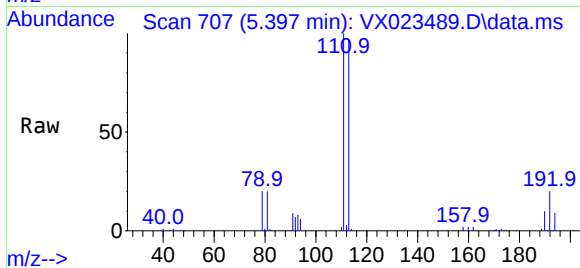




#35
Dibromofluoromethane
Concen: 48.539 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023489.D
Acq: 28 Jul 2021 13:35

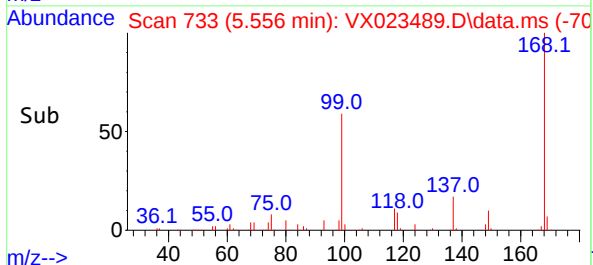
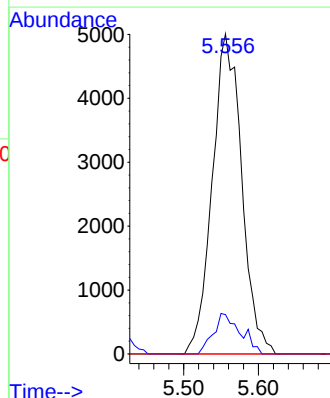
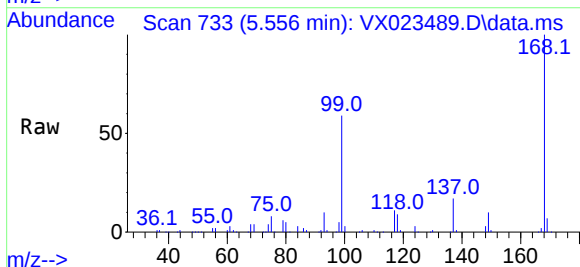
Instrument :
MSVOA_X
ClientSampleId :

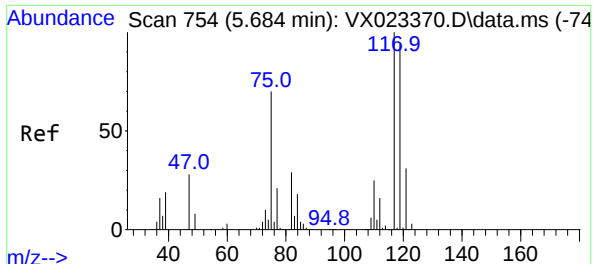
Tgt Ion:113 Resp: 93522
Ion Ratio Lower Upper
113 100
111 103.9 81.9 122.9
192 20.0 16.7 25.1



#36
1,1-Dichloropropene
Concen: 4.902 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX023489.D
Acq: 28 Jul 2021 13:35

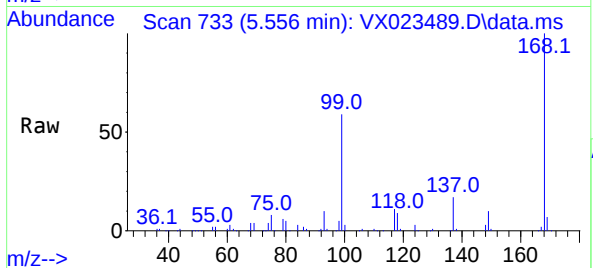
Tgt Ion: 75 Resp: 13666
Ion Ratio Lower Upper
75 100
110 11.7 18.1 54.4#
77 0.0 25.3 37.9#



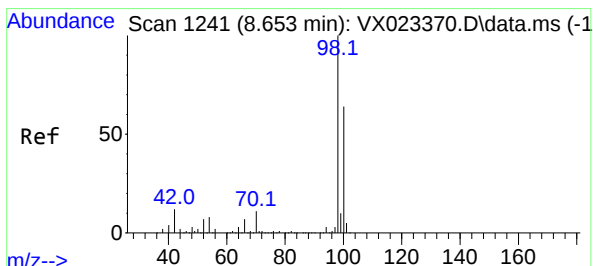
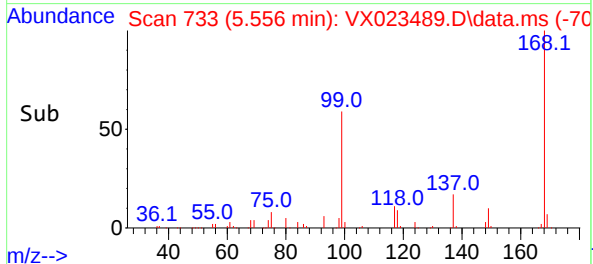
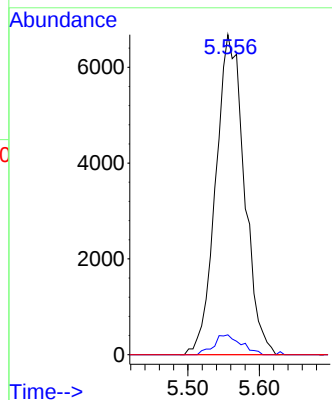


#38
Carbon Tetrachloride
Concen: 6.551 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX023489.D
Acq: 28 Jul 2021 13:35

Instrument :
MSVOA_X
ClientSampleId :

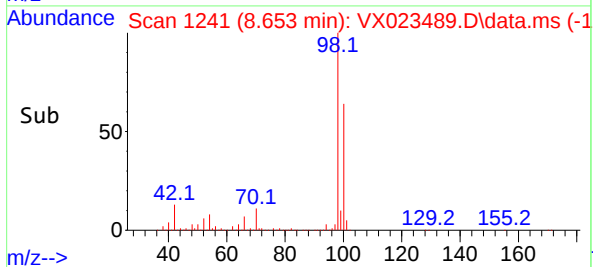
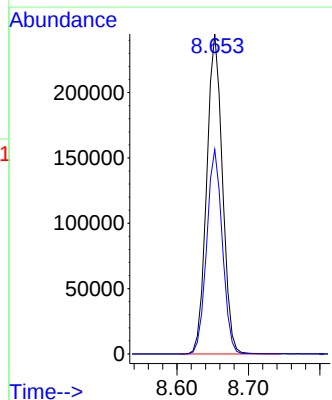
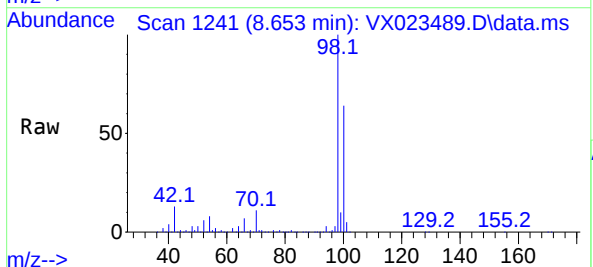


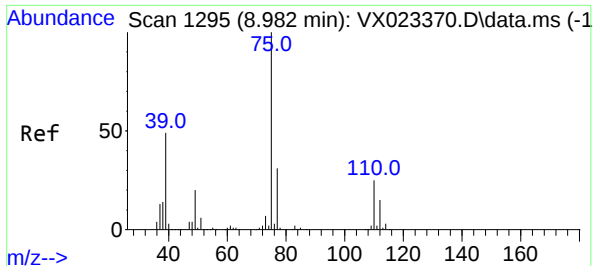
Tgt Ion:117 Resp: 18573
Ion Ratio Lower Upper
117 100
119 6.2 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 52.814 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023489.D
Acq: 28 Jul 2021 13:35

Tgt Ion: 98 Resp: 373869
Ion Ratio Lower Upper
98 100
100 63.5 51.9 77.9

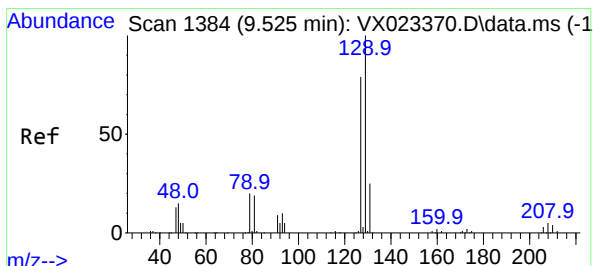
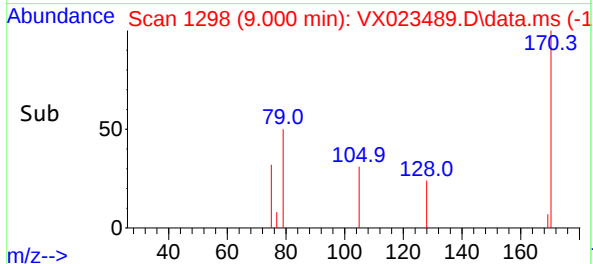
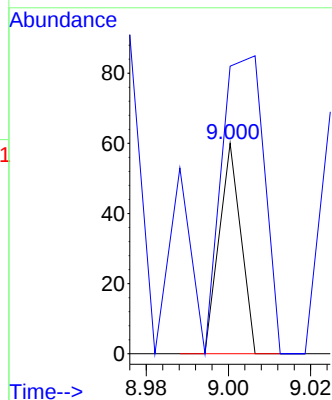
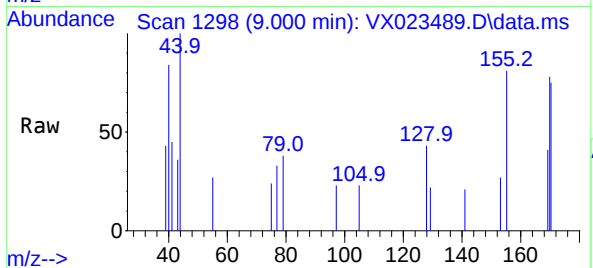




#53
t-1,3-Dichloropropene
Concen: 1.823 ug/l
RT: 9.000 min Scan# 1298
Delta R.T. 0.018 min
Lab File: VX023489.D
Acq: 28 Jul 2021 13:35

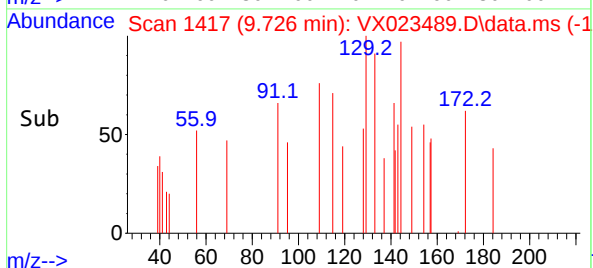
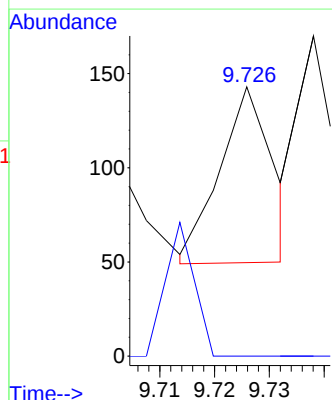
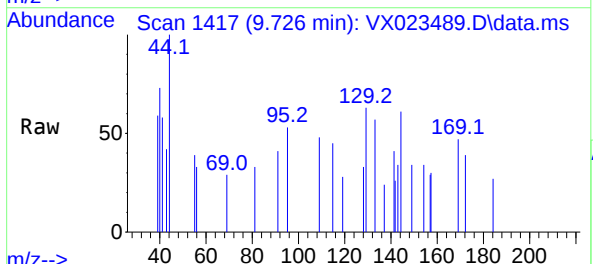
Instrument :
MSVOA_X
ClientSampled :

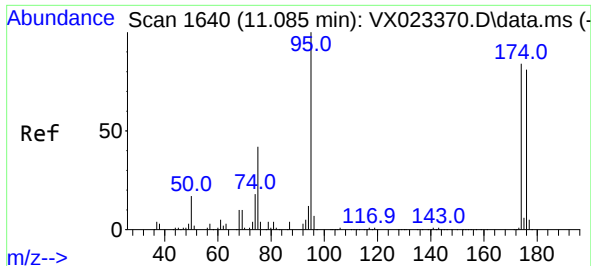
Tgt Ion: 75 Resp: 22
Ion Ratio Lower Upper
75 100
77 136.7 24.9 37.3#



#60
Dibromochloromethane
Concen: 2.010 ug/l
RT: 9.726 min Scan# 1417
Delta R.T. 0.201 min
Lab File: VX023489.D
Acq: 28 Jul 2021 13:35

Tgt Ion: 129 Resp: 64
Ion Ratio Lower Upper
129 100
127 40.6 38.4 115.2

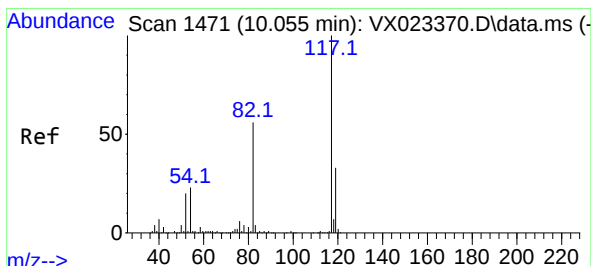
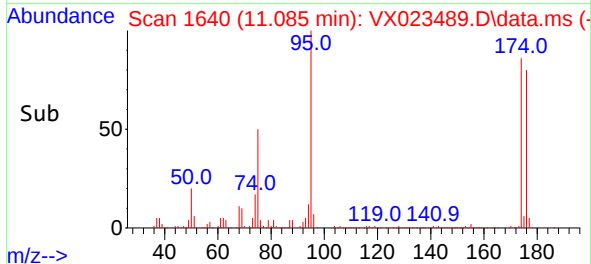
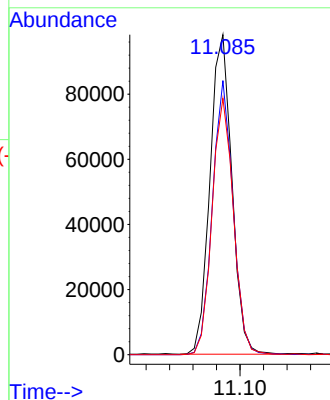
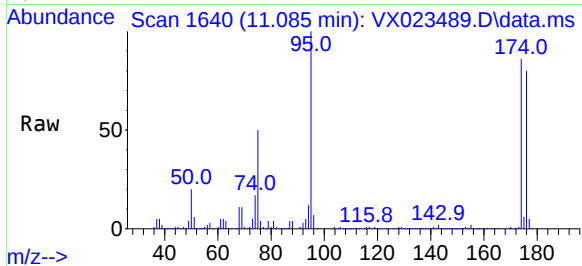




#62
4-Bromofluorobenzene
Concen: 52.788 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023489.D
Acq: 28 Jul 2021 13:35

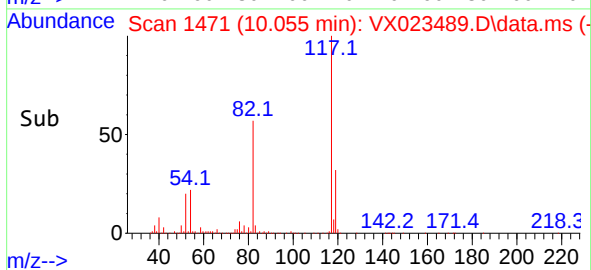
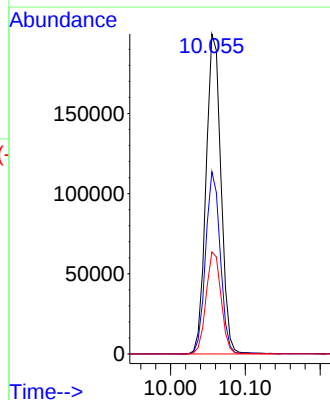
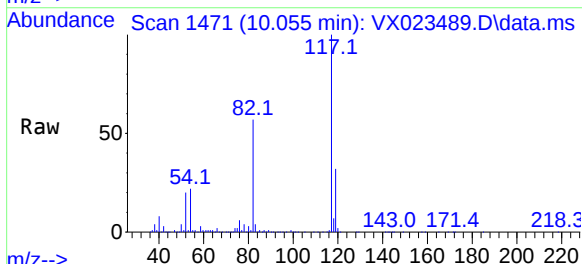
Instrument :
MSVOA_X
ClientSampled :

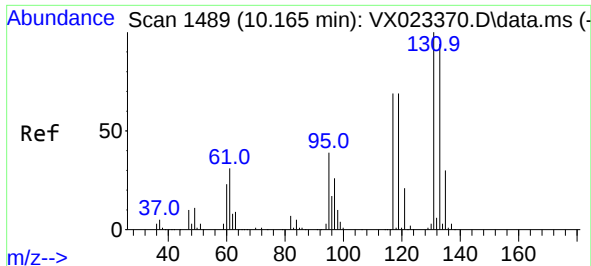
Tgt Ion: 95 Resp: 127066
Ion Ratio Lower Upper
95 100
174 80.8 0.0 154.6
176 78.5 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX023489.D
Acq: 28 Jul 2021 13:35

Tgt Ion: 117 Resp: 277148
Ion Ratio Lower Upper
117 100
82 57.0 47.4 71.2
119 31.9 26.6 39.8

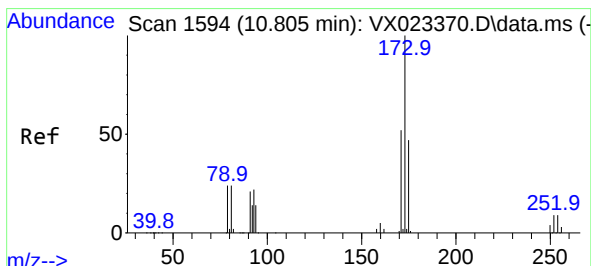
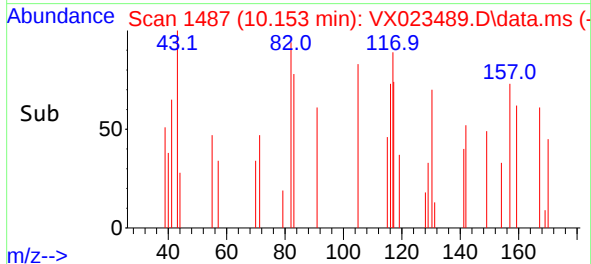
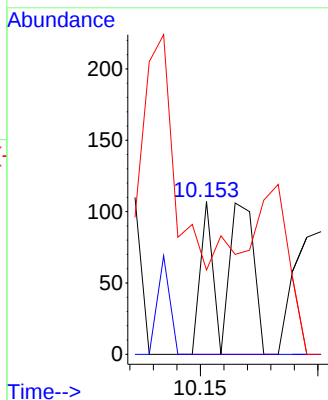
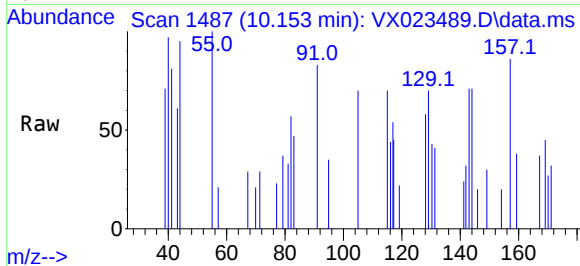




#66
1,1,1,2-Tetrachloroethane
Concen: 1.026 ug/l
RT: 10.153 min Scan# 1487
Delta R.T. -0.012 min
Lab File: VX023489.D
Acq: 28 Jul 2021 13:35

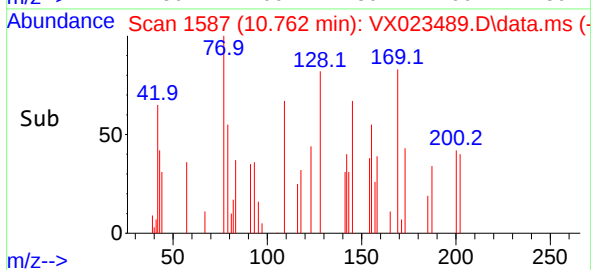
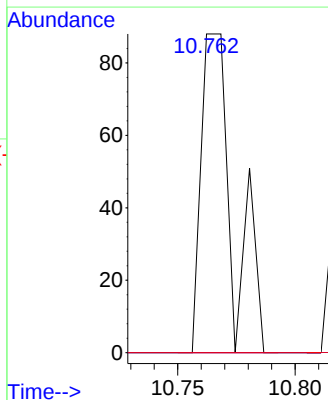
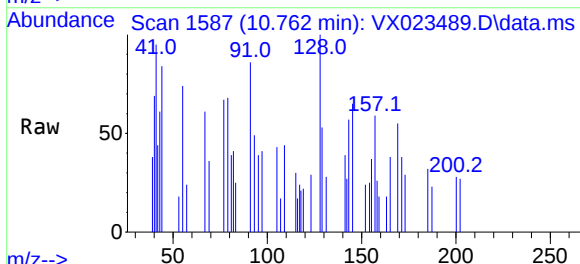
Instrument :
MSVOA_X
ClientSampled :

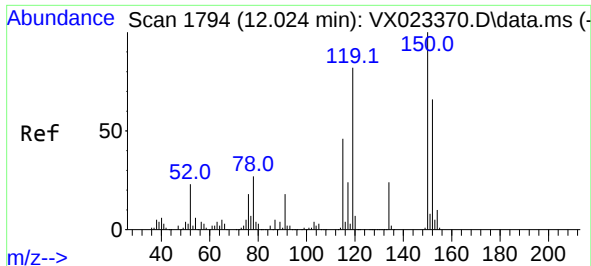
Tgt Ion:131 Resp: 115
Ion Ratio Lower Upper
131 100
133 21.7 47.7 143.1#
119 0.0 32.1 96.5#



#71
Bromoform
Concen: 3.566 ug/l
RT: 10.762 min Scan# 1587
Delta R.T. -0.043 min
Lab File: VX023489.D
Acq: 28 Jul 2021 13:35

Tgt Ion:173 Resp: 83
Ion Ratio Lower Upper
173 100
175 0.0 23.9 71.8#
254 0.0 0.1 0.1#

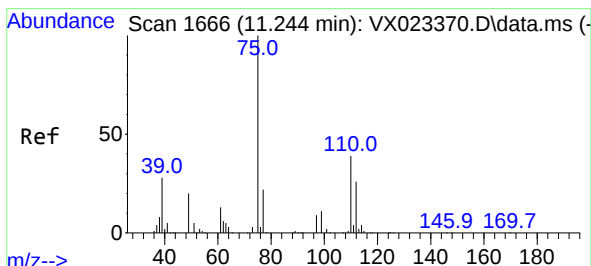
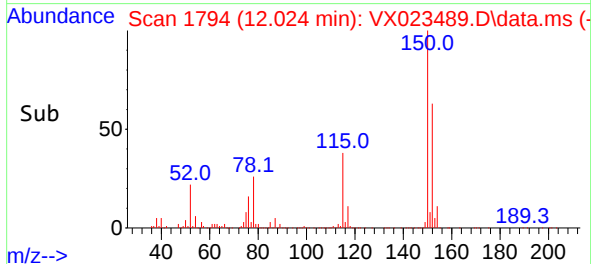
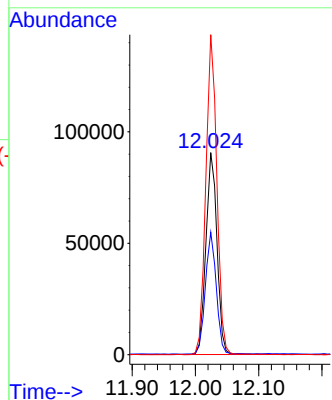
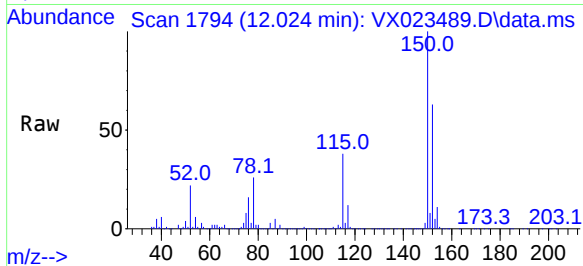




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX023489.D
 Acq: 28 Jul 2021 13:35

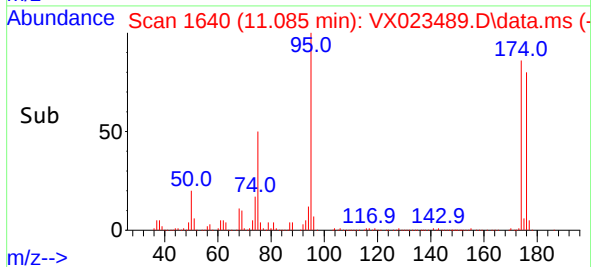
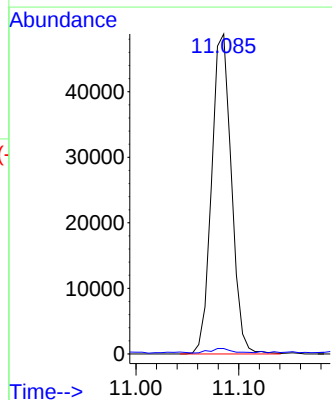
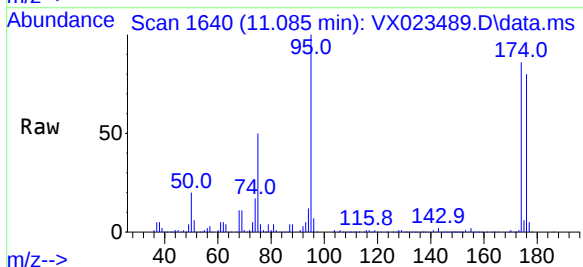
Instrument :
 MSVOA_X
 ClientSampled :

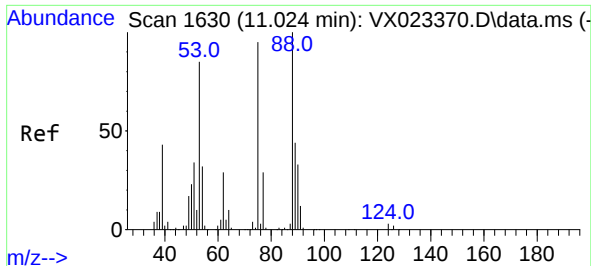
Tgt Ion:152 Resp: 110886
 Ion Ratio Lower Upper
 152 100
 115 59.2 41.1 123.3
 150 157.3 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 26.801 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX023489.D
 Acq: 28 Jul 2021 13:35

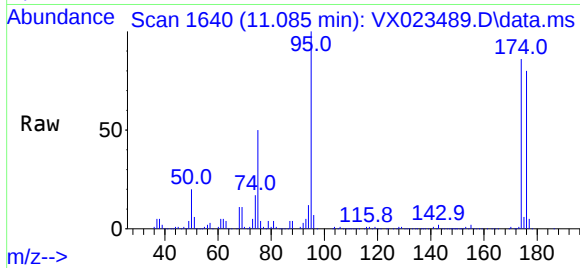
Tgt Ion: 75 Resp: 65397
 Ion Ratio Lower Upper
 75 100
 77 1.5 19.1 57.5#



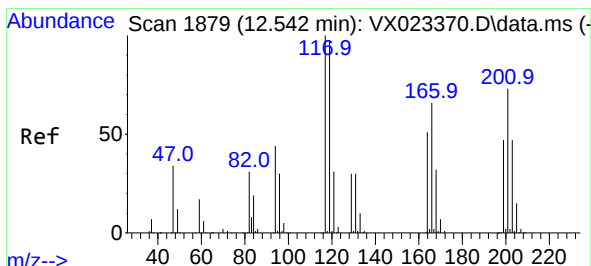
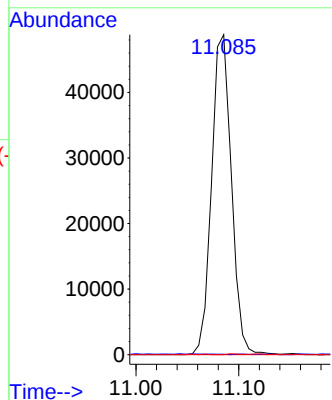
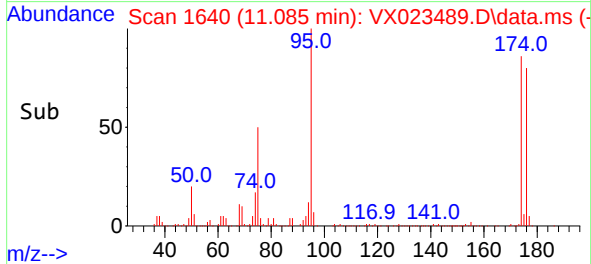


#81
trans-1,4-Dichloro-2-butene
Concen: 72.064 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX023489.D
Acq: 28 Jul 2021 13:35

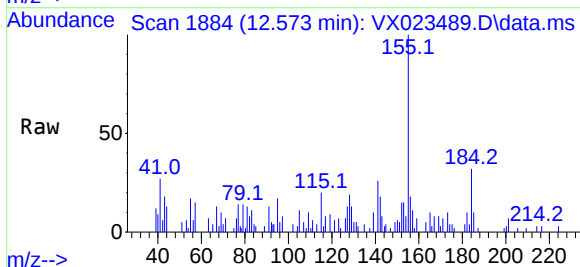
Instrument :
MSVOA_X
ClientSampled :



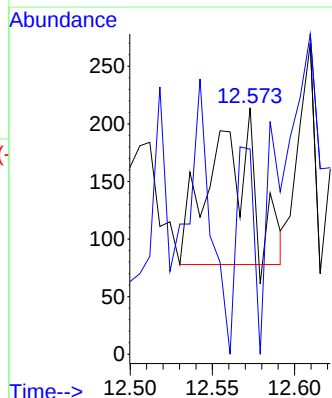
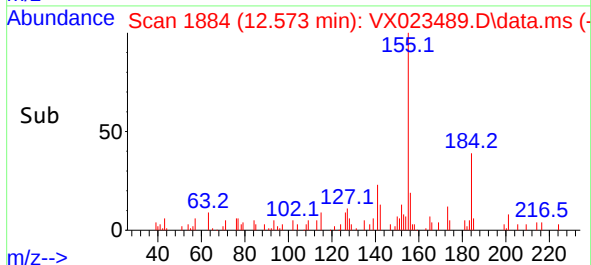
Tgt Ion: 75 Resp: 65397
Ion Ratio Lower Upper
75 100
53 0.2 74.5 111.7#
89 0.2 37.9 56.9#

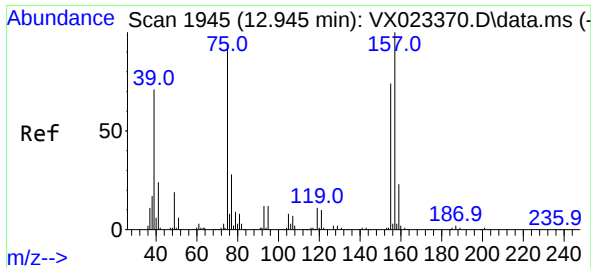


#90
Hexachloroethane
Concen: 2.087 ug/l
RT: 12.573 min Scan# 1884
Delta R.T. 0.031 min
Lab File: VX023489.D
Acq: 28 Jul 2021 13:35



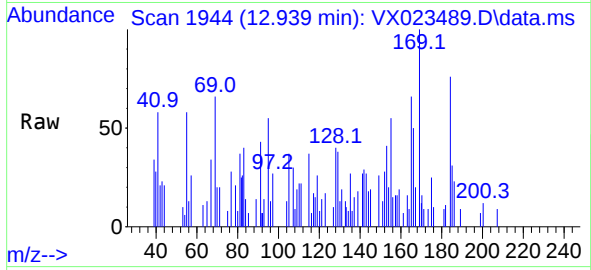
Tgt Ion: 117 Resp: 245
Ion Ratio Lower Upper
117 100
201 53.5 40.4 121.2





#92
1,2-Dibromo-3-Chloropropane
Concen: 2.210 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.006 min
Lab File: VX023489.D
Acq: 28 Jul 2021 13:35

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 75 Resp: 63

Ion	Ratio	Lower	Upper
75	100		
155	0.0	45.3	135.9#
157	104.8	57.7	173.1

