

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072821\
 Data File : VX023485.D
 Acq On : 28 Jul 2021 11:09
 Operator : JC/MD
 Sample : VX0728WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 28 13:28:22 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)

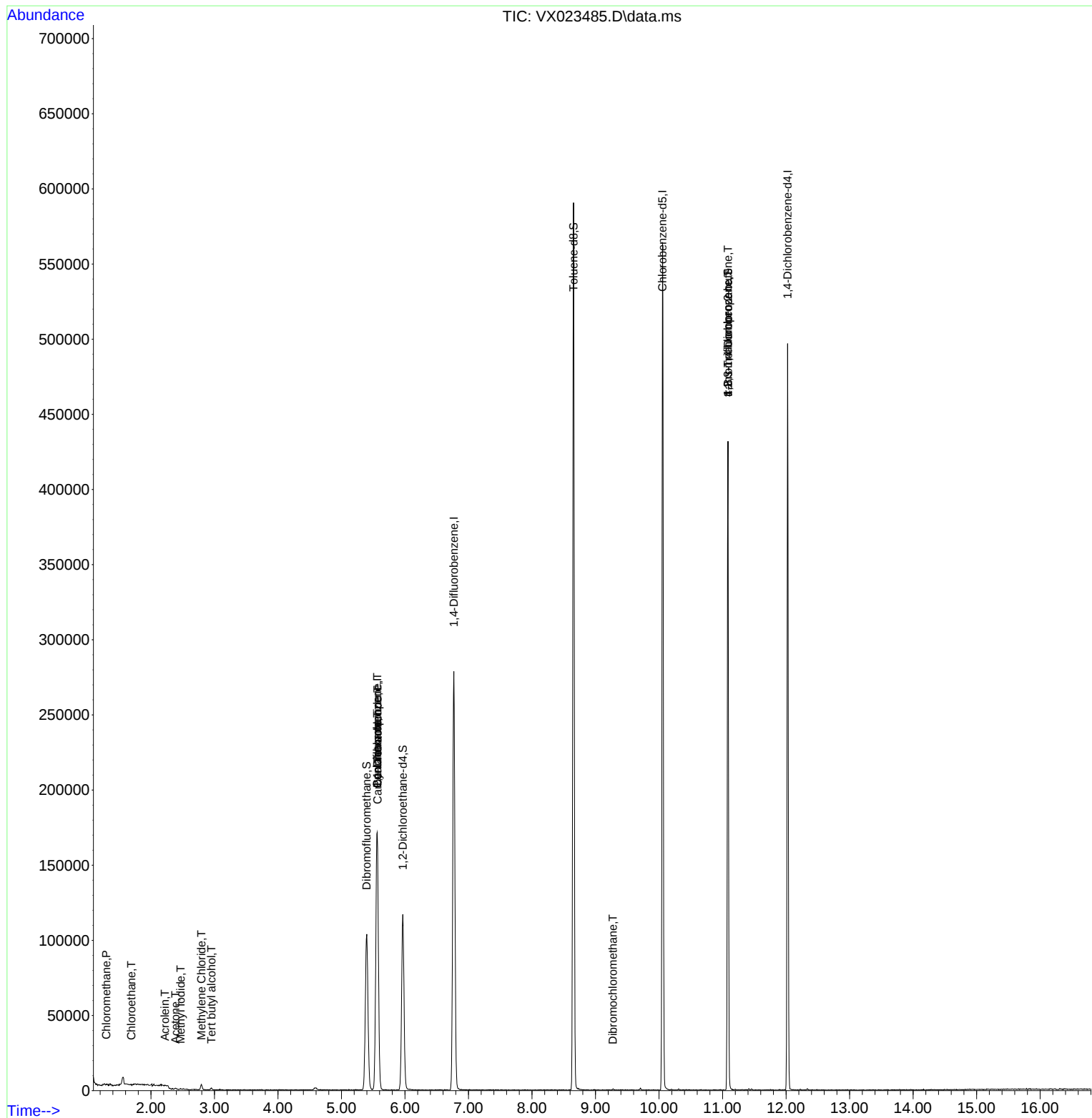
Internal Standards						
1) Pentafluorobenzene	5.562	168	166808	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	282183	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	253892	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	98885	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	110828	53.263	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 106.520%		
35) Dibromofluoromethane	5.397	113	90069	51.050	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 102.100%		
50) Toluene-d8	8.653	98	339248	52.335	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 104.680%		
62) 4-Bromofluorobenzene	11.085	95	107482	48.762	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 97.520%		
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	414	0.232	ug/l #	73
6) Chloroethane	1.691	64	286	0.258	ug/l #	43
10) Methyl Iodide	2.465	142	681	0.329	ug/l #	91
11) Tert butyl alcohol	2.953	59	620	1.304	ug/l #	73
13) Acrolein	2.221	56	19	1.442	ug/l #	1
16) Acetone	2.386	43	903	0.885	ug/l	94
20) Methylene Chloride	2.794	84	1444	0.727	ug/l #	95
31) Cyclohexane	5.562	56	3830	1.243	ug/l #	36
36) 1,1-Dichloropropene	5.562	75	13150	5.152	ug/l #	49
38) Carbon Tetrachloride	5.568	117	16809	6.475	ug/l #	16
60) Dibromochloromethane	9.275	129	50	2.006	ug/l #	11
76) 1,2,3-Trichloropropane	11.085	75	55638	25.569	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	55638	68.751	ug/l #	12

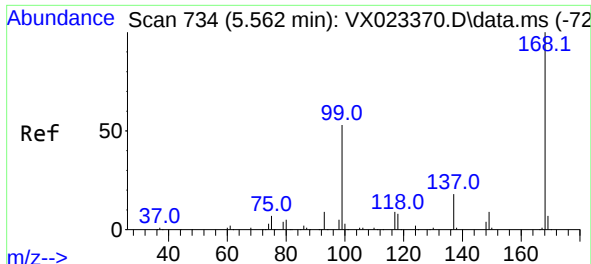
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072221W.M
Quant Title : SW846 8260
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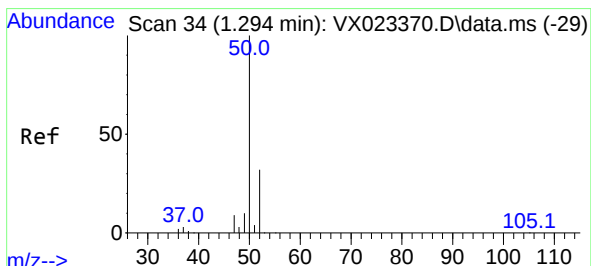
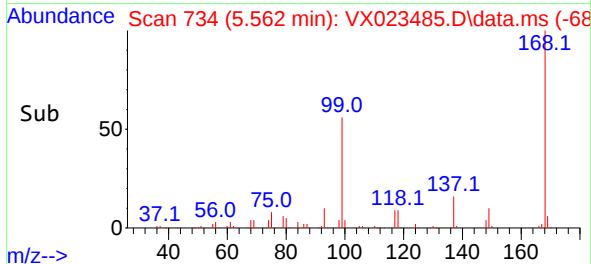
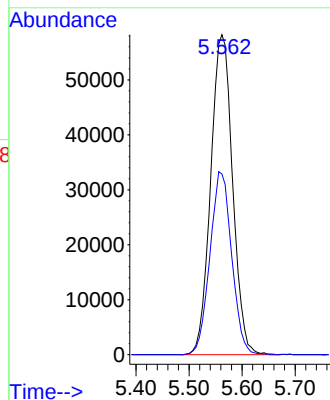
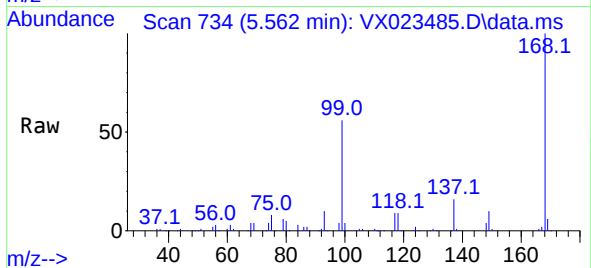




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX023485.D
Acq: 28 Jul 2021 11:09

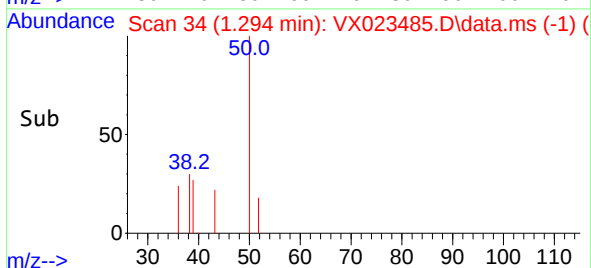
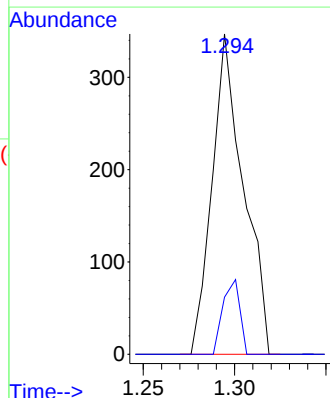
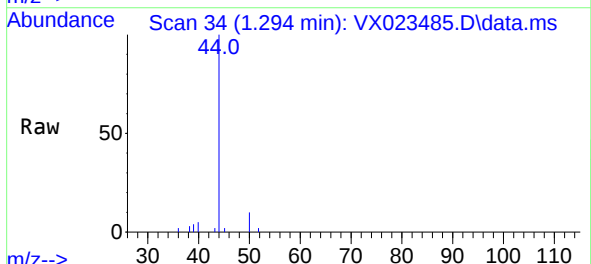
Instrument :
MSVOA_X
ClientSampleId :

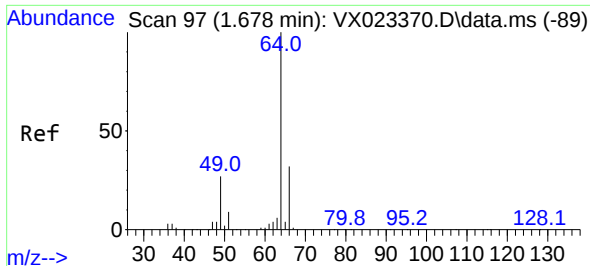
Tgt Ion:168 Resp: 166808
Ion Ratio Lower Upper
168 100
99 56.5 45.8 68.6



#3
Chloromethane
Concen: 0.232 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX023485.D
Acq: 28 Jul 2021 11:09

Tgt Ion: 50 Resp: 414
Ion Ratio Lower Upper
50 100
52 17.9 26.4 39.6#

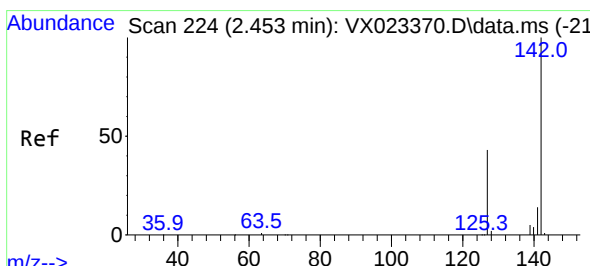
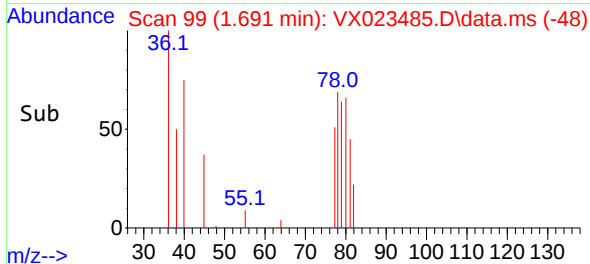
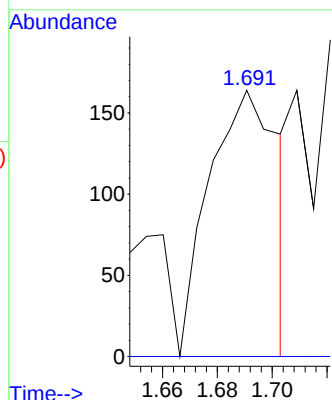
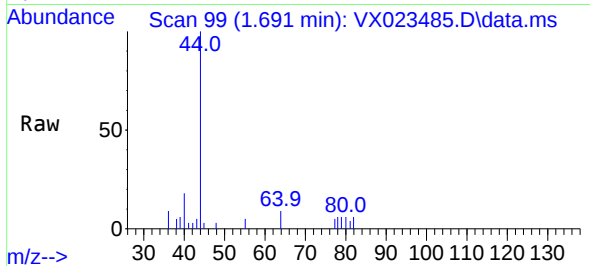




#6
Chloroethane
Concen: 0.258 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.013 min
Lab File: VX023485.D
Acq: 28 Jul 2021 11:09

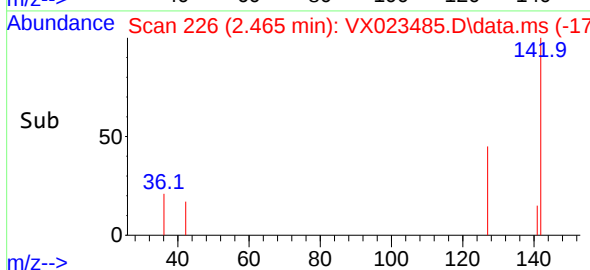
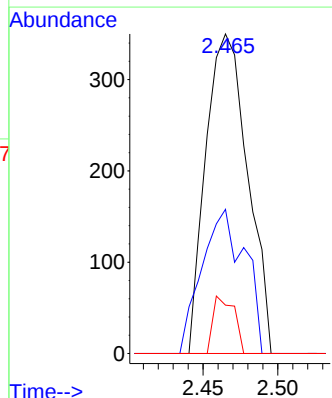
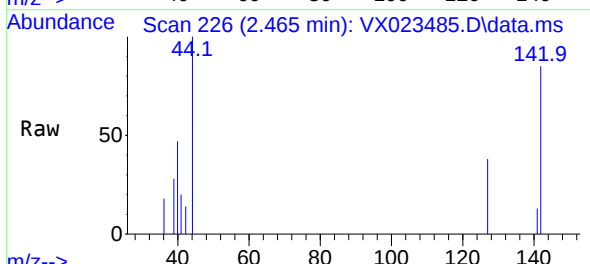
Instrument :
MSVOA_X
ClientSampled :

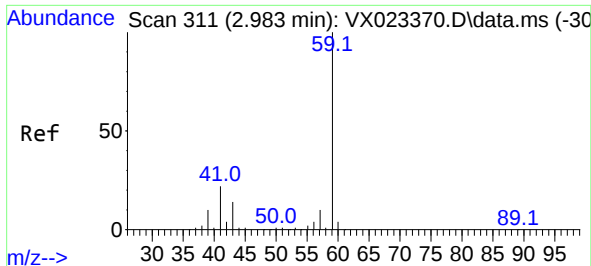
Tgt Ion: 64 Resp: 286
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



#10
Methyl Iodide
Concen: 0.329 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.012 min
Lab File: VX023485.D
Acq: 28 Jul 2021 11:09

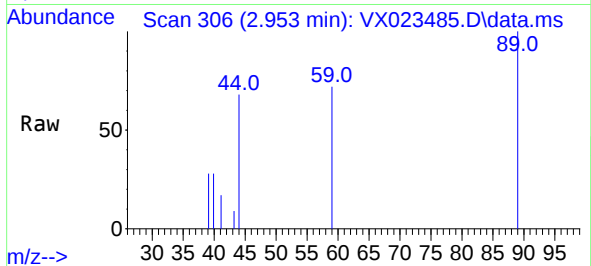
Tgt Ion: 142 Resp: 681
Ion Ratio Lower Upper
142 100
127 46.4 33.3 49.9
141 9.0 11.4 17.0#



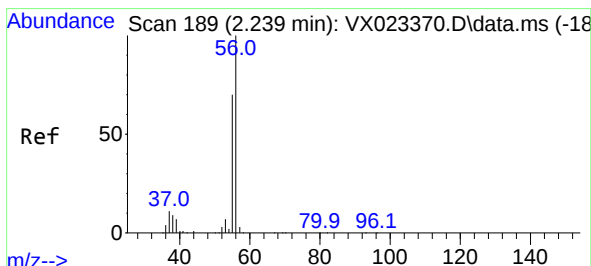
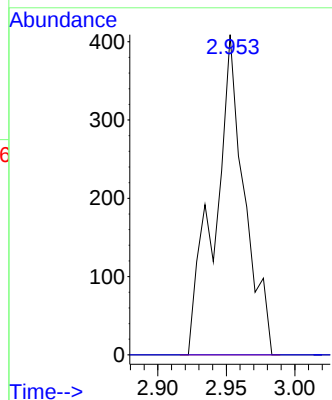
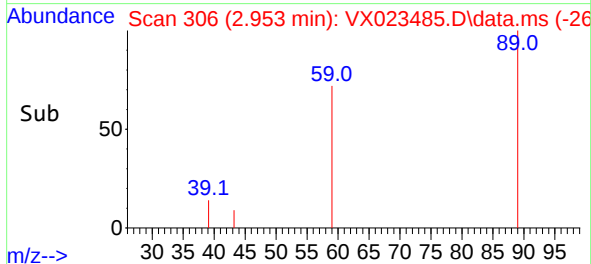


#11
Tert butyl alcohol
Concen: 1.304 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.030 min
Lab File: VX023485.D
Acq: 28 Jul 2021 11:09

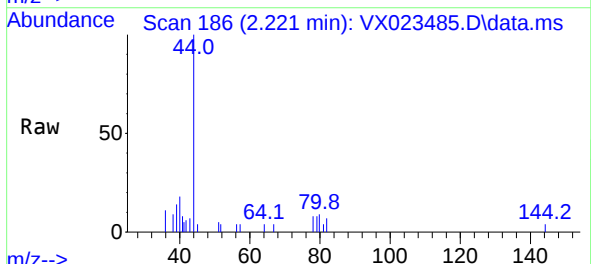
Instrument :
MSVOA_X
ClientSampled :



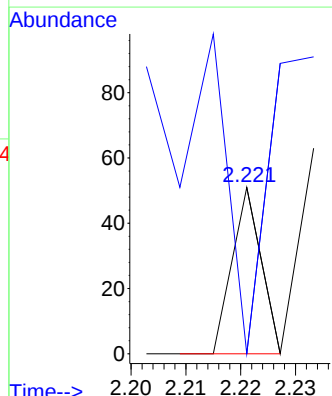
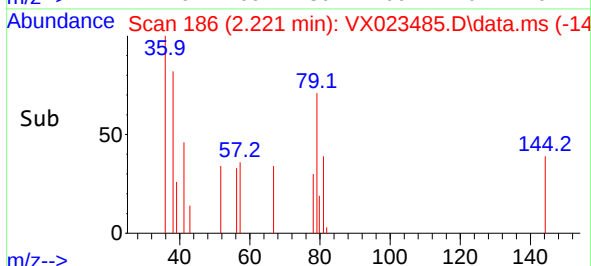
Tgt Ion: 59 Resp: 620
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

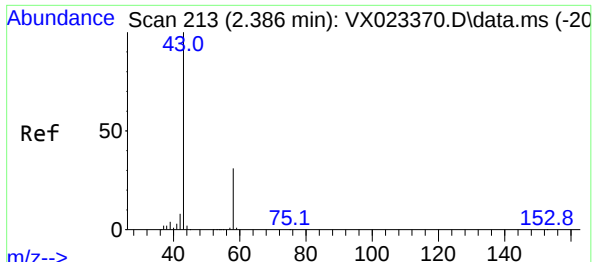


#13
Acrolein
Concen: 1.442 ug/l
RT: 2.221 min Scan# 186
Delta R.T. -0.018 min
Lab File: VX023485.D
Acq: 28 Jul 2021 11:09



Tgt Ion: 56 Resp: 19
Ion Ratio Lower Upper
56 100
55 873.7 56.4 84.6#

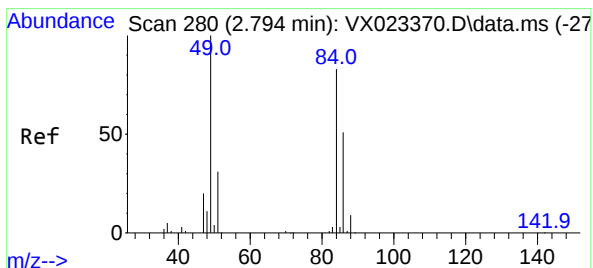
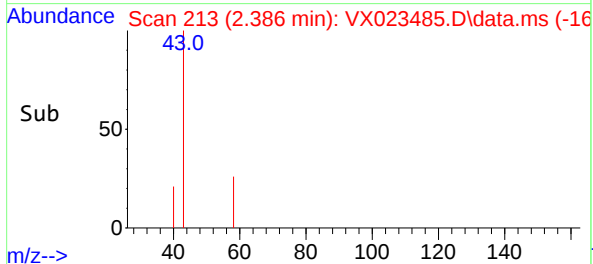
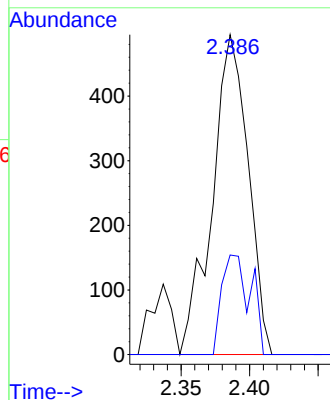
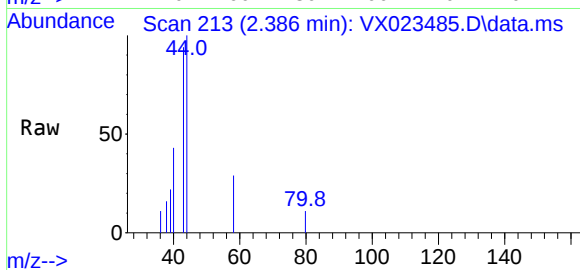




#16
Acetone
Concen: 0.885 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX023485.D
Acq: 28 Jul 2021 11:09

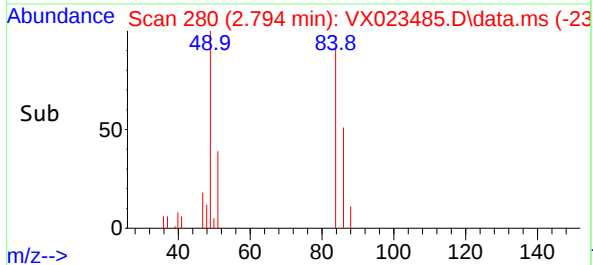
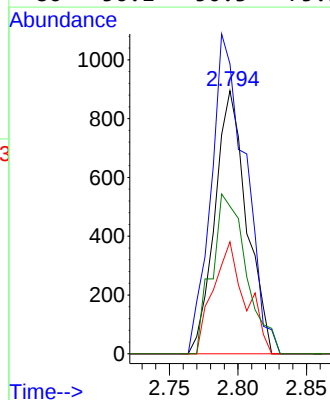
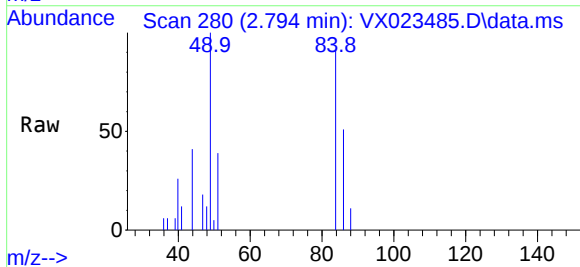
Instrument :
MSVOA_X
ClientSampled :

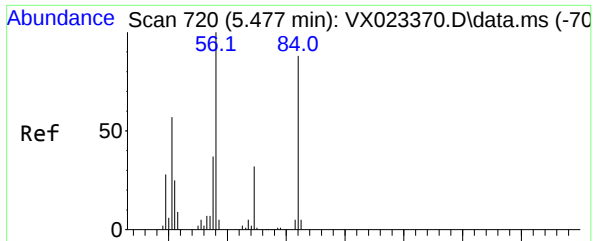
Tgt Ion: 43 Resp: 903
Ion Ratio Lower Upper
43 100
58 31.1 27.8 41.8



#20
Methylene Chloride
Concen: 0.727 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX023485.D
Acq: 28 Jul 2021 11:09

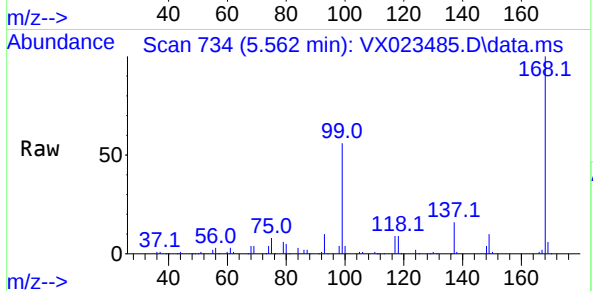
Tgt Ion: 84 Resp: 1444
Ion Ratio Lower Upper
84 100
49 110.2 88.6 132.8
51 42.6 27.0 40.6#
86 56.1 50.3 75.5



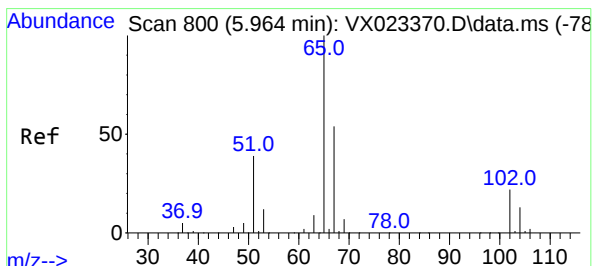
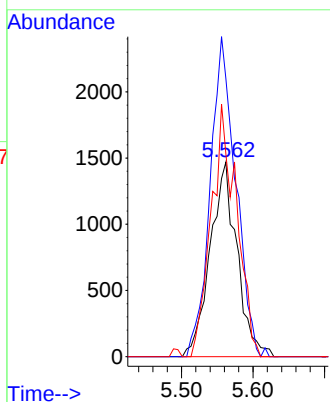
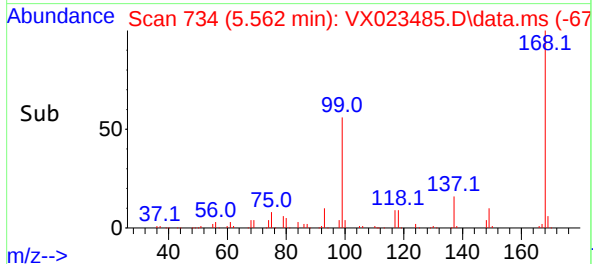


#31
Cyclohexane
Concen: 1.243 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.085 min
Lab File: VX023485.D
Acq: 28 Jul 2021 11:09

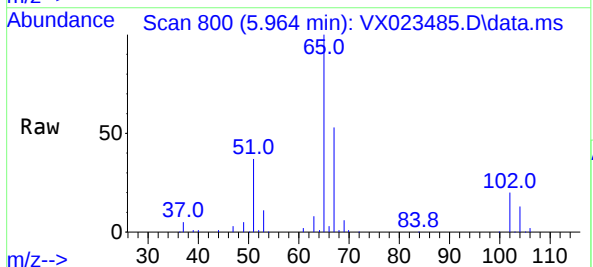
Instrument :
MSVOA_X
ClientSampled :



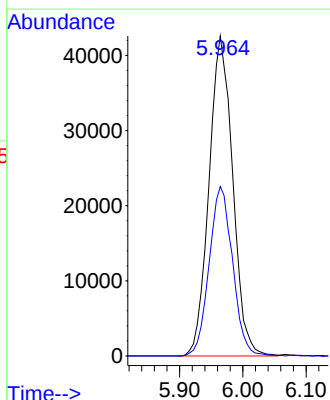
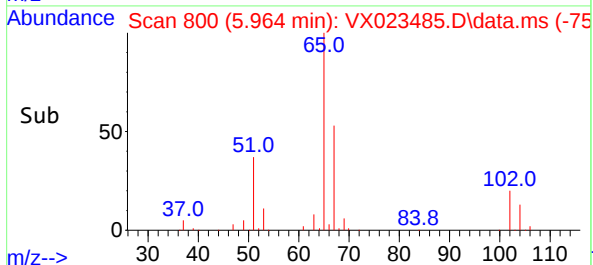
Tgt Ion: 56 Resp: 3830
Ion Ratio Lower Upper
56 100
69 143.0 25.3 37.9#
84 104.2 71.4 107.0

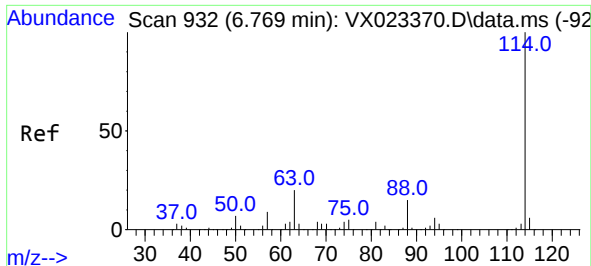


#33
1,2-Dichloroethane-d4
Concen: 53.263 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023485.D
Acq: 28 Jul 2021 11:09



Tgt Ion: 65 Resp: 110828
Ion Ratio Lower Upper
65 100
67 52.2 0.0 105.4



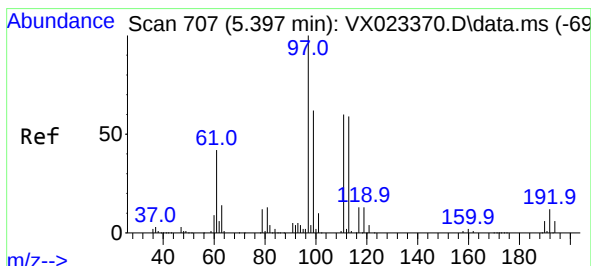
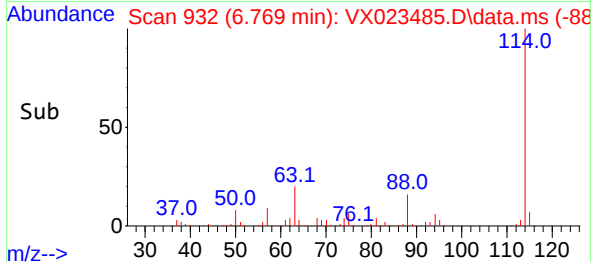
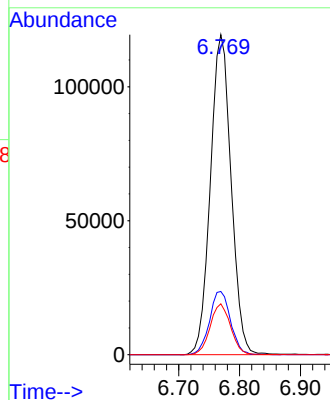
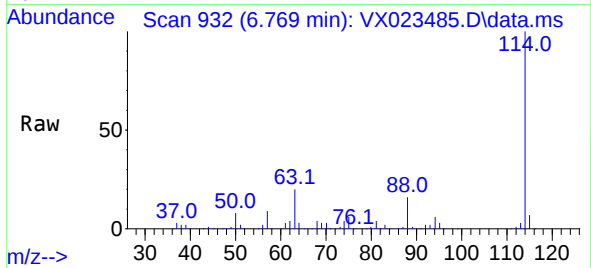


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX023485.D
Acq: 28 Jul 2021 11:09

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion:114 Resp: 282183

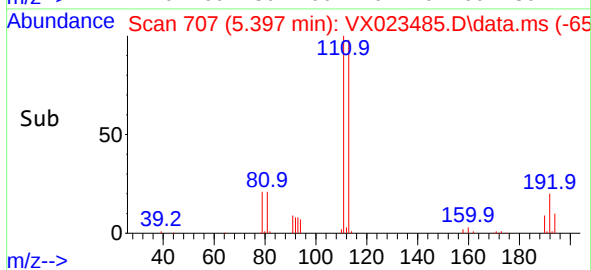
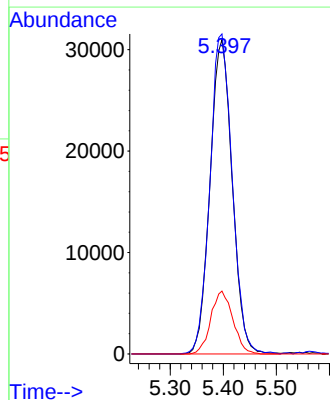
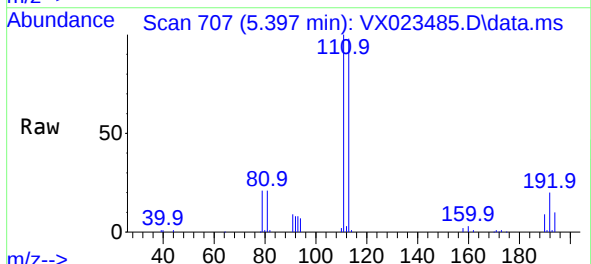
Ion	Ratio	Lower	Upper
114	100		
63	19.8	0.0	40.8
88	15.9	0.0	32.8

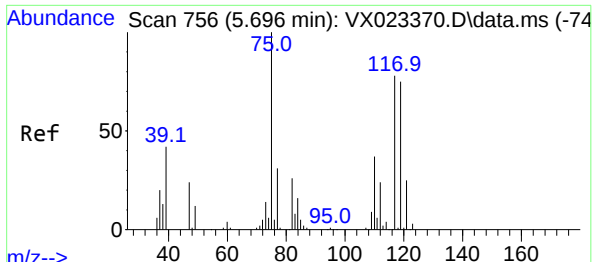


#35
Dibromofluoromethane
Concen: 51.050 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023485.D
Acq: 28 Jul 2021 11:09

Tgt Ion:113 Resp: 90069

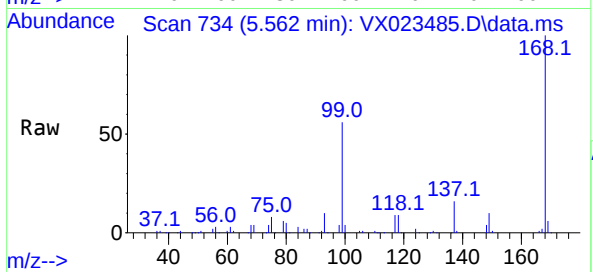
Ion	Ratio	Lower	Upper
113	100		
111	102.3	81.9	122.9
192	19.8	16.7	25.1



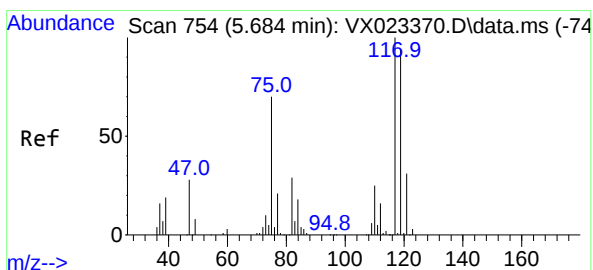
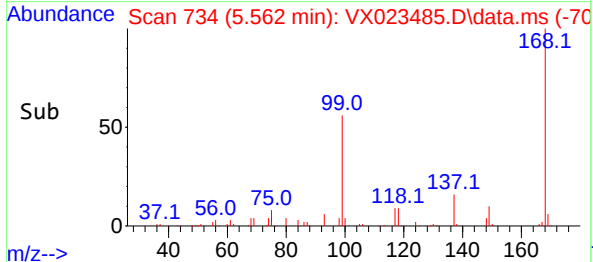
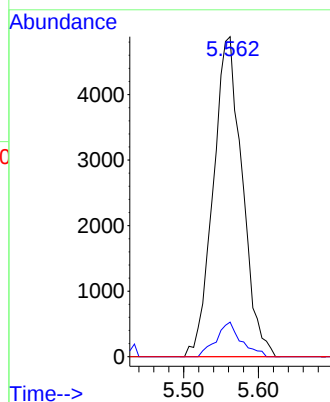


#36
1,1-Dichloropropene
Concen: 5.152 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.134 min
Lab File: VX023485.D
Acq: 28 Jul 2021 11:09

Instrument :
MSVOA_X
ClientSampled :

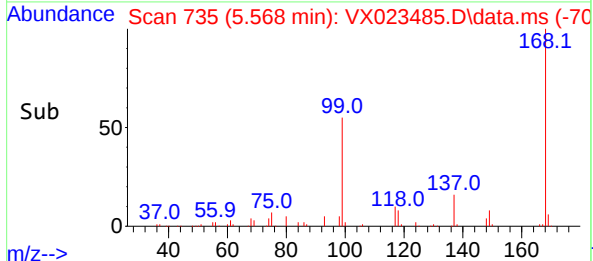
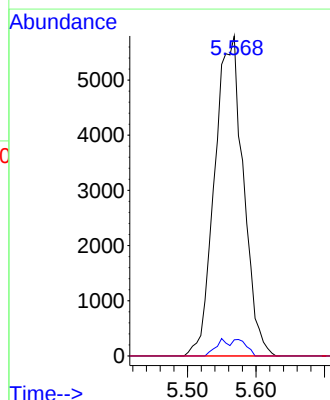
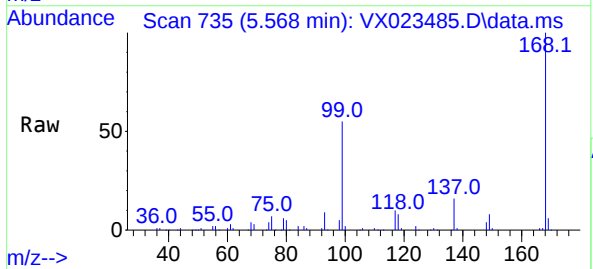


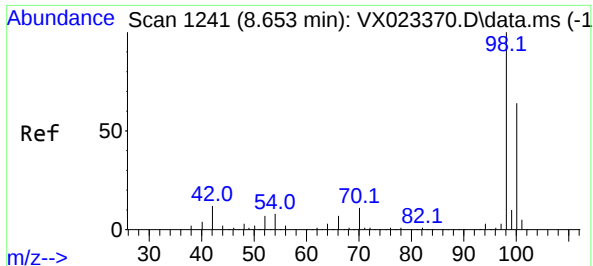
Tgt Ion: 75 Resp: 13150
Ion Ratio Lower Upper
75 100
110 9.3 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.475 ug/l
RT: 5.568 min Scan# 735
Delta R.T. -0.116 min
Lab File: VX023485.D
Acq: 28 Jul 2021 11:09

Tgt Ion: 117 Resp: 16809
Ion Ratio Lower Upper
117 100
119 5.1 76.2 114.2#
121 0.0 24.8 37.2#

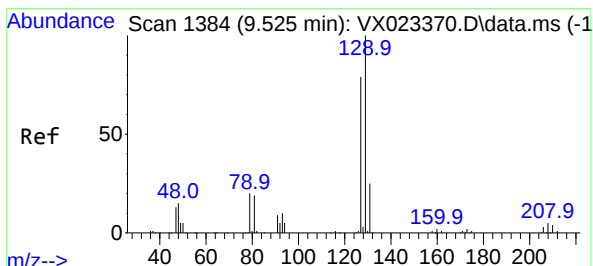
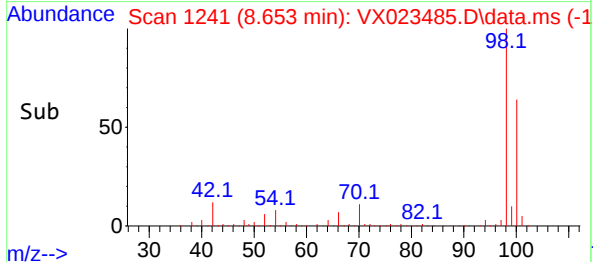
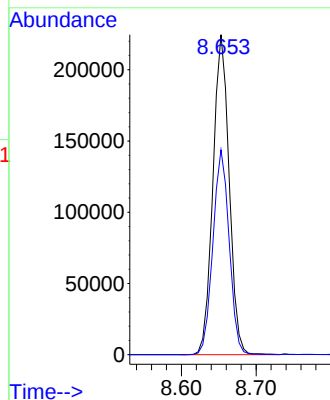
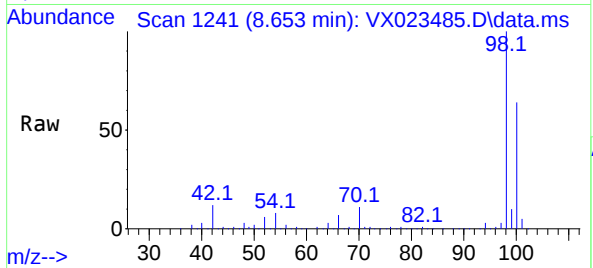




#50
Toluene-d8
Concen: 52.335 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023485.D
Acq: 28 Jul 2021 11:09

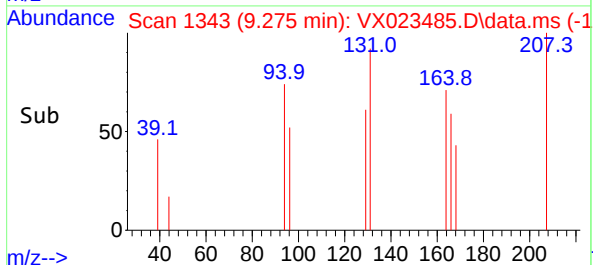
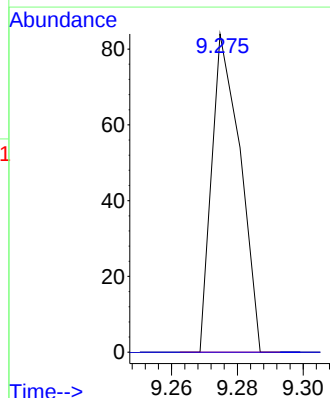
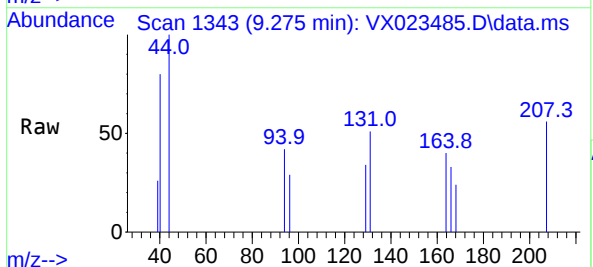
Instrument :
MSVOA_X
ClientSampled :

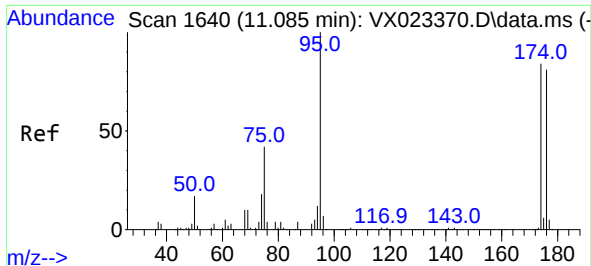
Tgt Ion: 98 Resp: 339248
Ion Ratio Lower Upper
98 100
100 64.2 51.9 77.9



#60
Dibromochloromethane
Concen: 2.006 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.250 min
Lab File: VX023485.D
Acq: 28 Jul 2021 11:09

Tgt Ion: 129 Resp: 50
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#

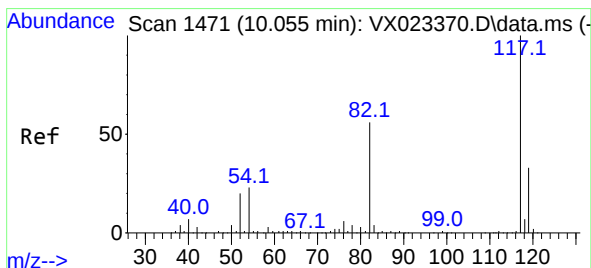
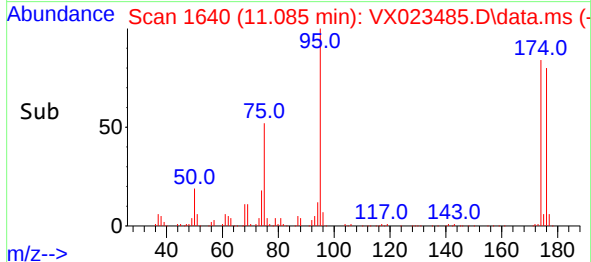
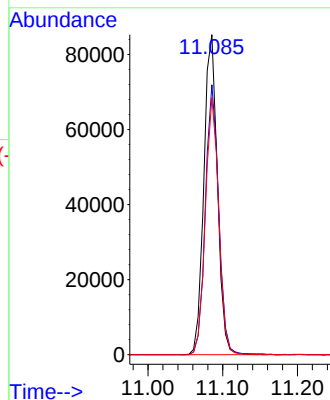
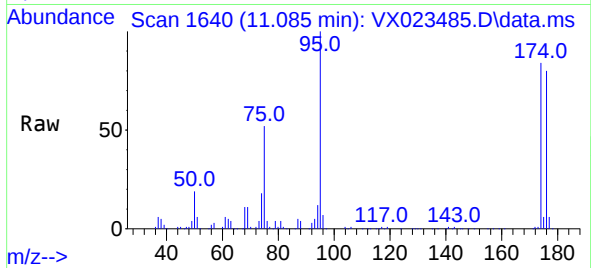




#62
4-Bromofluorobenzene
Concen: 48.762 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023485.D
Acq: 28 Jul 2021 11:09

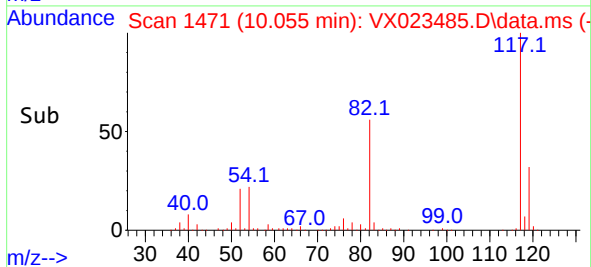
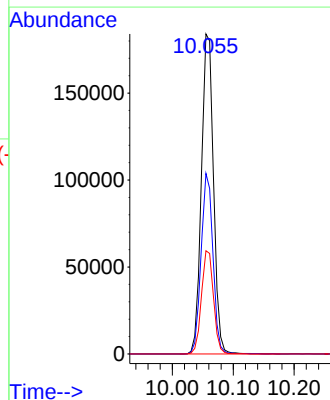
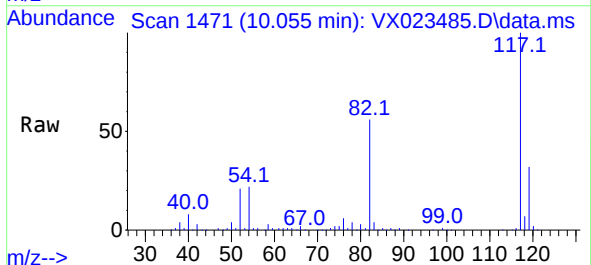
Instrument :
MSVOA_X
ClientSampled :

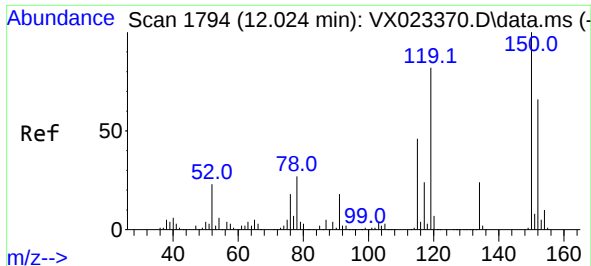
Tgt Ion: 95 Resp: 107482
Ion Ratio Lower Upper
95 100
174 82.5 0.0 154.6
176 79.1 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX023485.D
Acq: 28 Jul 2021 11:09

Tgt Ion: 117 Resp: 253892
Ion Ratio Lower Upper
117 100
82 56.4 47.4 71.2
119 32.3 26.6 39.8

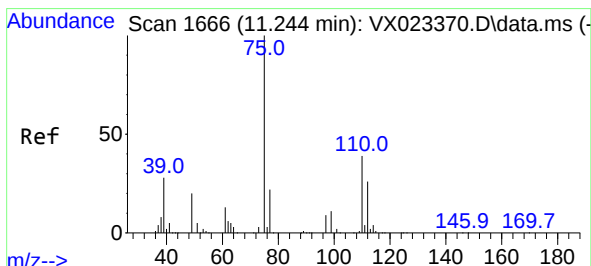
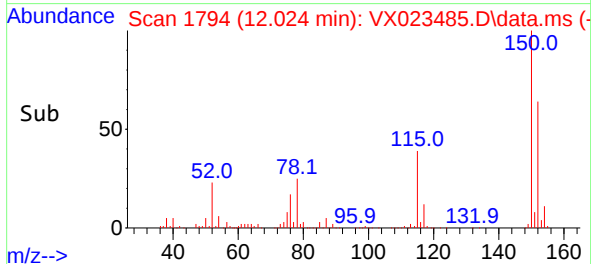
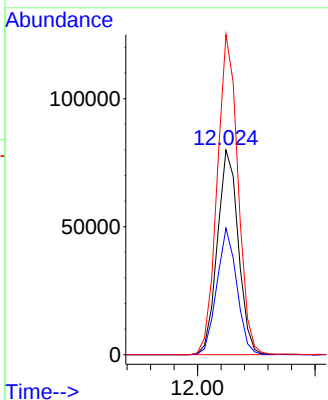
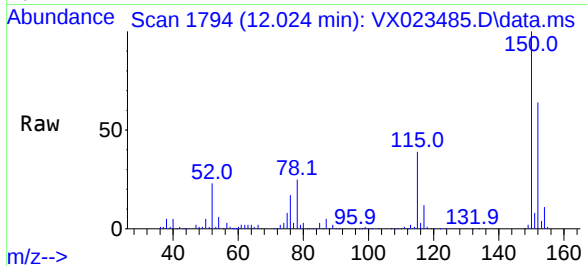




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX023485.D
Acq: 28 Jul 2021 11:09

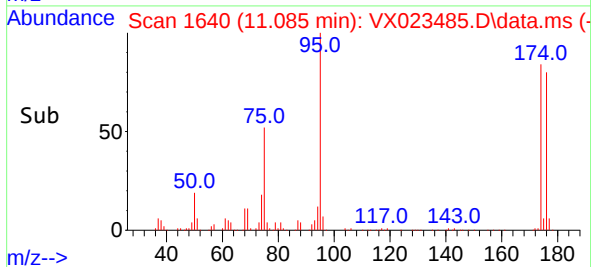
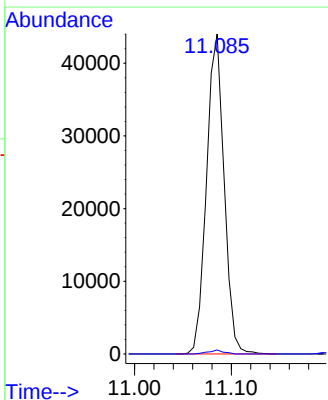
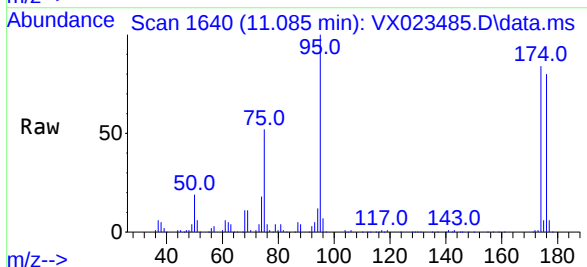
Instrument :
MSVOA_X
ClientSampled :

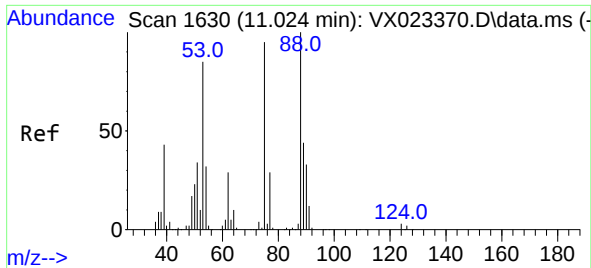
Tgt Ion:152 Resp: 98885
Ion Ratio Lower Upper
152 100
115 59.1 41.1 123.3
150 155.5 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 25.569 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX023485.D
Acq: 28 Jul 2021 11:09

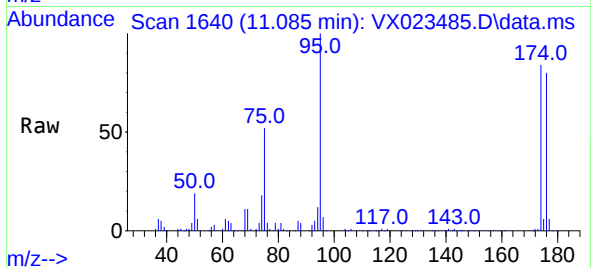
Tgt Ion: 75 Resp: 55638
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 68.751 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. 0.061 min
 Lab File: VX023485.D
 Acq: 28 Jul 2021 11:09

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 55638
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.5 111.7#
 89 0.1 37.9 56.9#

