

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081321\
 Data File : VX023680.D
 Acq On : 13 Aug 2021 10:55
 Operator : JC/MD
 Sample : VX0813WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 14 05:21:59 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)

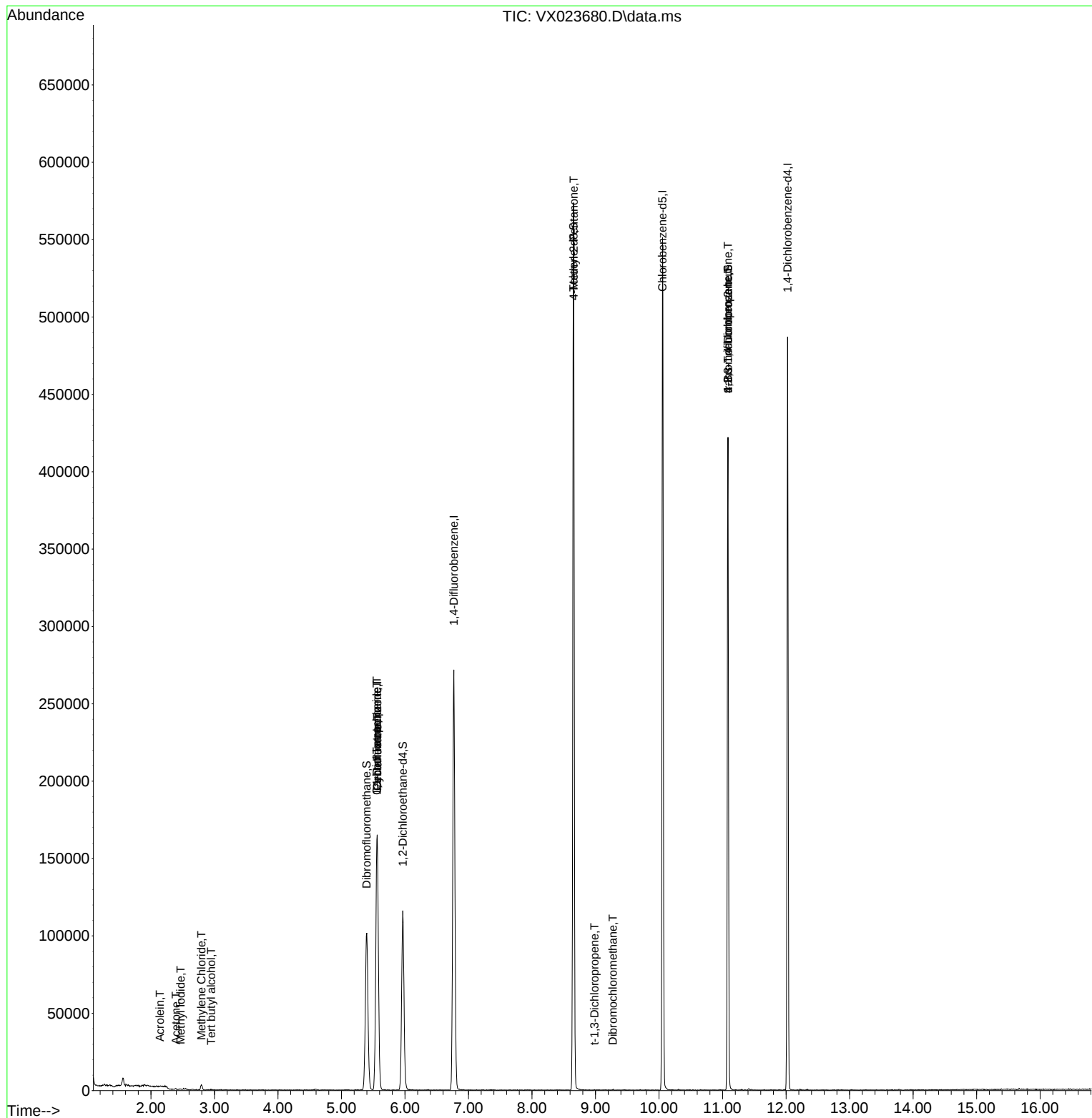
Internal Standards						
1) Pentafluorobenzene	5.562	168	157163	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	266812	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	244209	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	96379	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	109131	55.666	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 111.340%	
35) Dibromofluoromethane	5.397	113	86842	52.056	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.120%	
50) Toluene-d8	8.653	98	325649	53.132	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 106.260%	
62) 4-Bromofluorobenzene	11.085	95	107985	51.813	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 103.620%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	2.465	142	689	0.353	ug/l #	91
11) Tert butyl alcohol	2.947	59	204	0.456	ug/l #	73
13) Acrolein	2.142	56	21	1.455	ug/l #	1
16) Acetone	2.392	43	778	0.809	ug/l	88
20) Methylene Chloride	2.794	84	1417	0.757	ug/l #	84
31) Cyclohexane	5.562	56	3501	1.206	ug/l #	23
36) 1,1-Dichloropropene	5.556	75	12284	5.089	ug/l #	48
38) Carbon Tetrachloride	5.556	117	16092	6.556	ug/l #	15
51) 4-Methyl-2-Pentanone	8.659	43	1576	0.546	ug/l #	1
53) t-1,3-Dichloropropene	8.982	75	41	1.830	ug/l #	54
60) Dibromochloromethane	9.275	129	26	1.996	ug/l #	11
76) 1,2,3-Trichloropropane	11.085	75	57468	27.096	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	57468	72.858	ug/l #	12

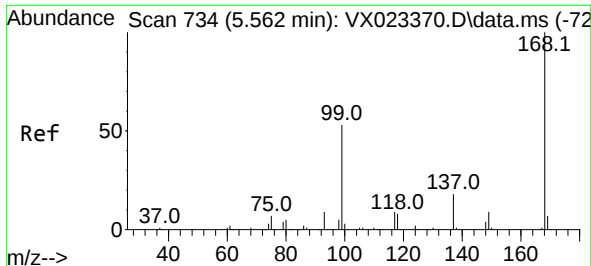
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Aug 14 05:21:59 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072221W.M
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Response via : Initial Calibration

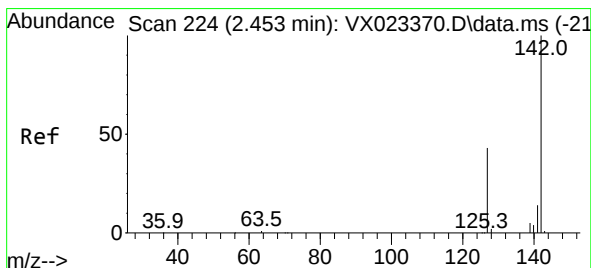
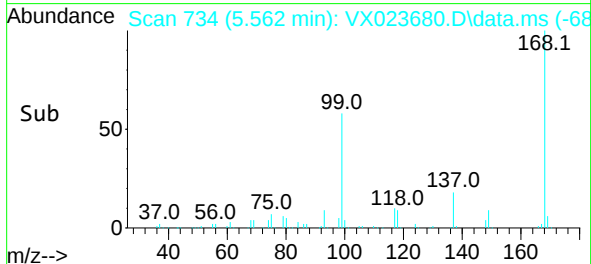
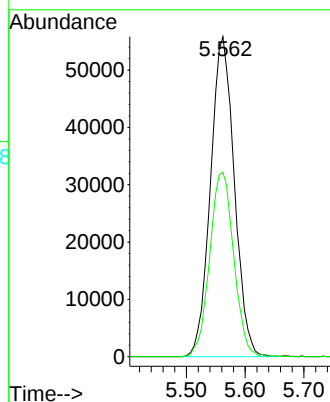
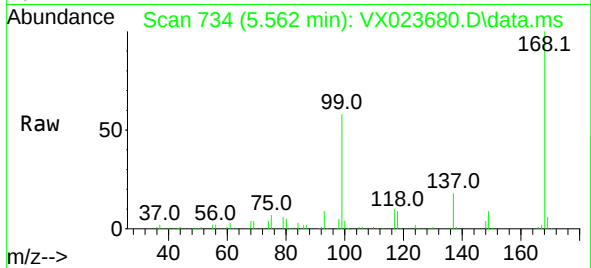




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX023680.D
Acq: 13 Aug 2021 10:55

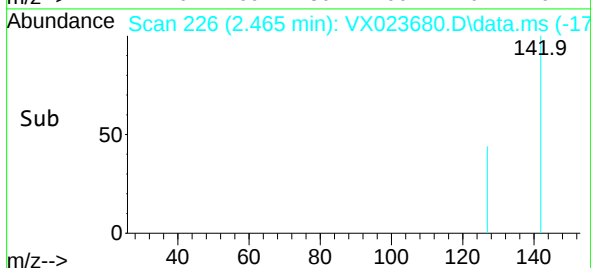
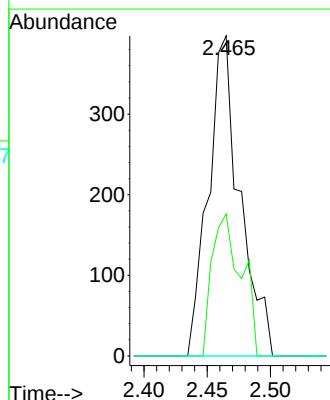
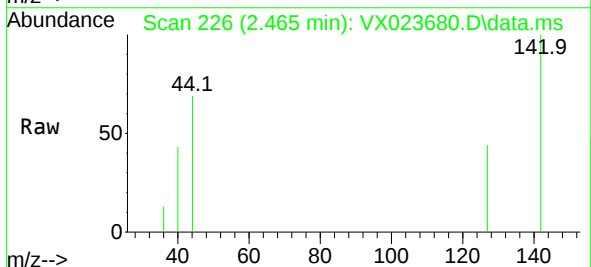
Instrument :
MSVOA_X
ClientSampled :

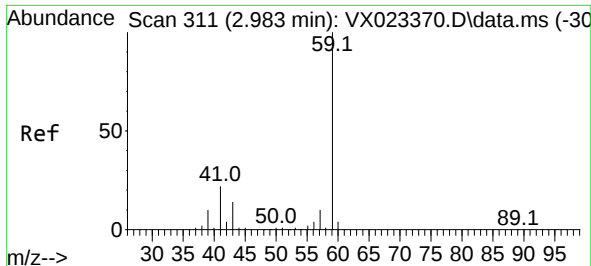
Tgt Ion:168 Resp: 157163
Ion Ratio Lower Upper
168 100
99 57.6 45.8 68.6



#10
Methyl Iodide
Concen: 0.353 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.012 min
Lab File: VX023680.D
Acq: 13 Aug 2021 10:55

Tgt Ion:142 Resp: 689
Ion Ratio Lower Upper
142 100
127 41.1 33.3 49.9
141 0.0 11.4 17.0#



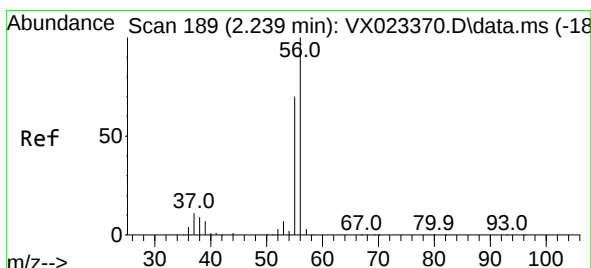
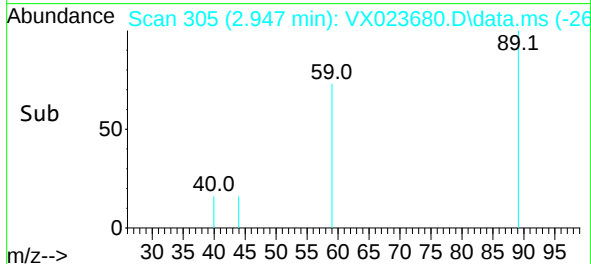
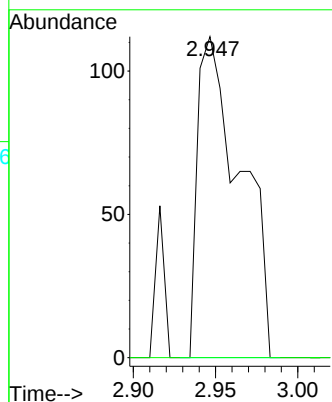
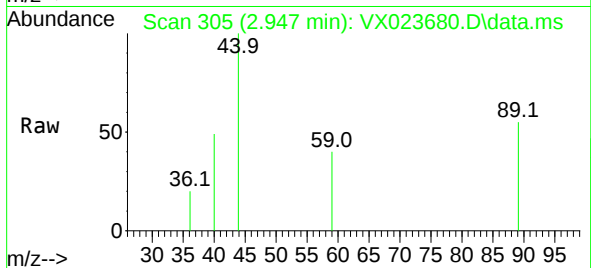


#11

Tert butyl alcohol
Concen: 0.456 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.036 min
Lab File: VX023680.D
Acq: 13 Aug 2021 10:55

Instrument :
MSVOA_X
ClientSampled :

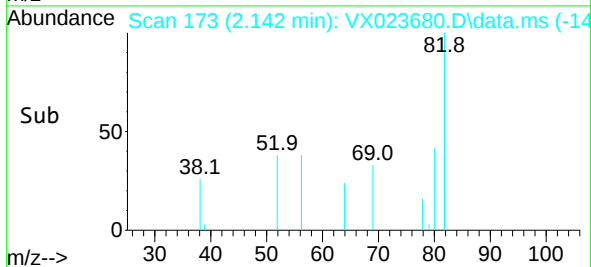
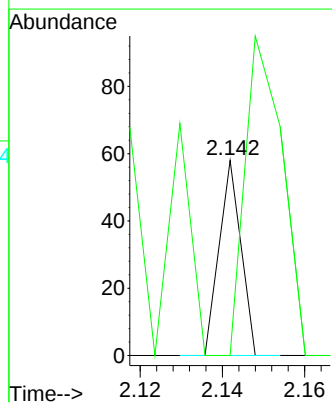
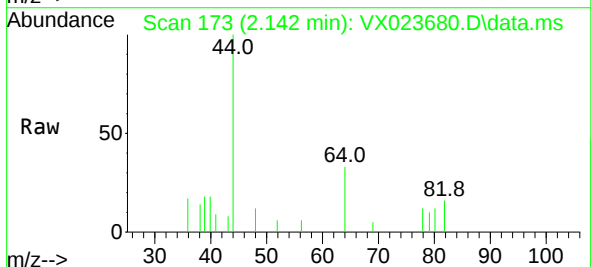
Tgt Ion: 59 Resp: 204
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

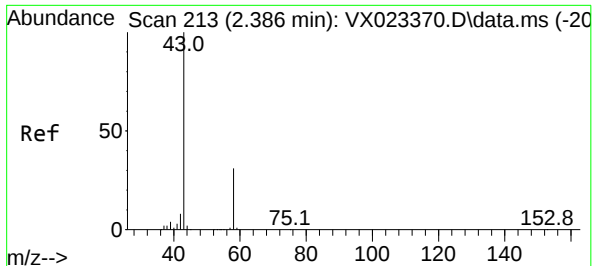


#13

Acrolein
Concen: 1.455 ug/l
RT: 2.142 min Scan# 173
Delta R.T. -0.097 min
Lab File: VX023680.D
Acq: 13 Aug 2021 10:55

Tgt Ion: 56 Resp: 21
Ion Ratio Lower Upper
56 100
55 285.7 56.4 84.6#

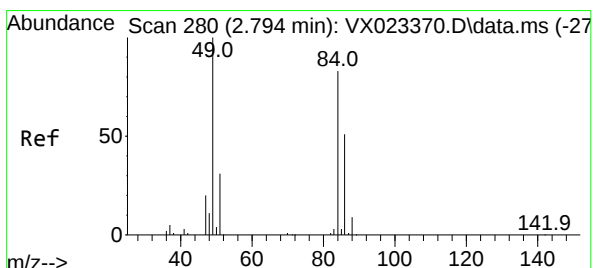
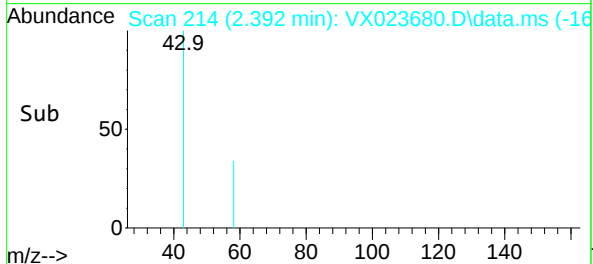
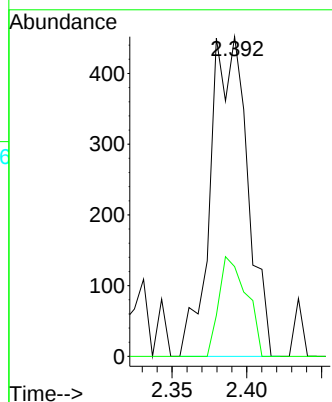
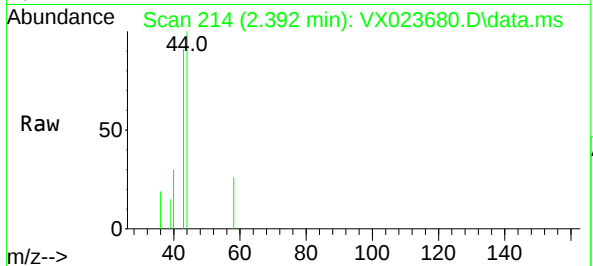




#16
Acetone
Concen: 0.809 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX023680.D
Acq: 13 Aug 2021 10:55

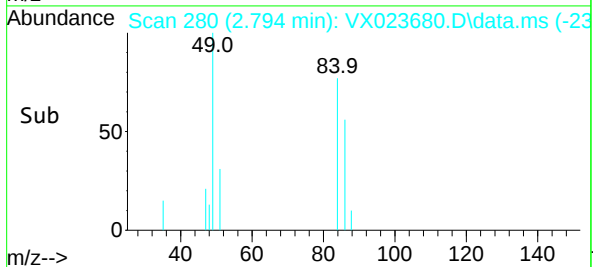
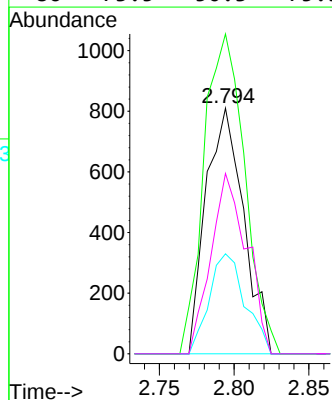
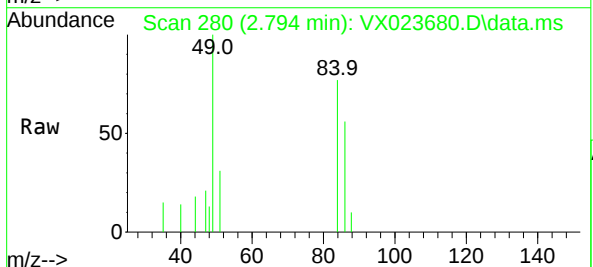
Instrument :
MSVOA_X
ClientSampled :

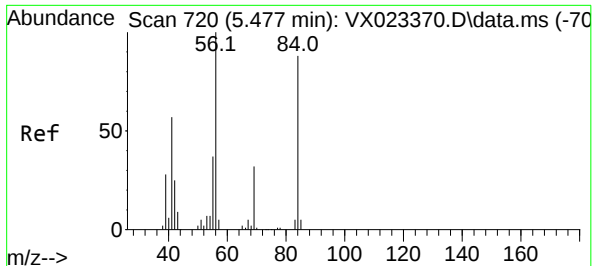
Tgt Ion: 43 Resp: 778
Ion Ratio Lower Upper
43 100
58 28.1 27.8 41.8



#20
Methylene Chloride
Concen: 0.757 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX023680.D
Acq: 13 Aug 2021 10:55

Tgt Ion: 84 Resp: 1417
Ion Ratio Lower Upper
84 100
49 130.2 88.6 132.8
51 40.7 27.0 40.6#
86 73.5 50.3 75.5

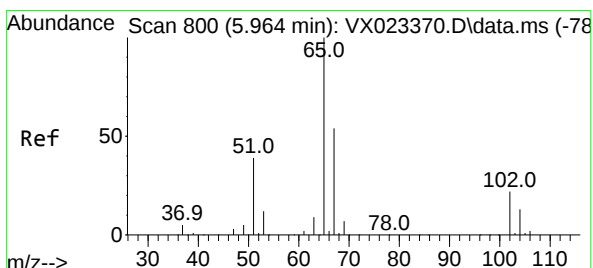
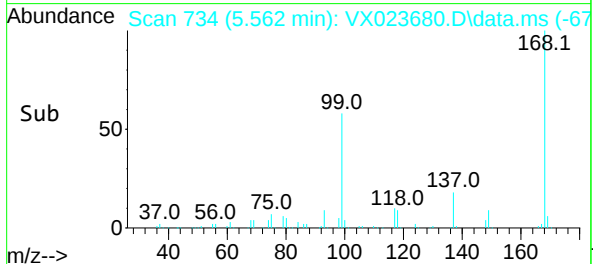
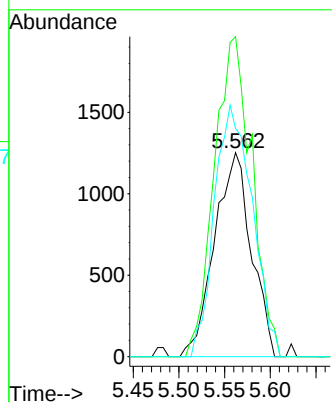
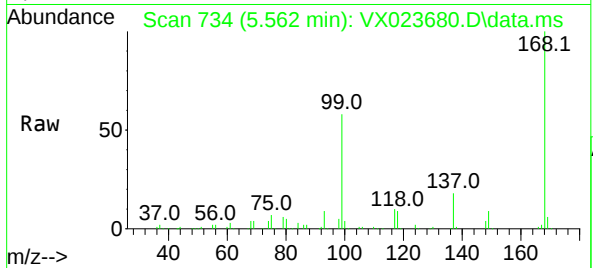




#31
Cyclohexane
Concen: 1.206 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.085 min
Lab File: VX023680.D
Acq: 13 Aug 2021 10:55

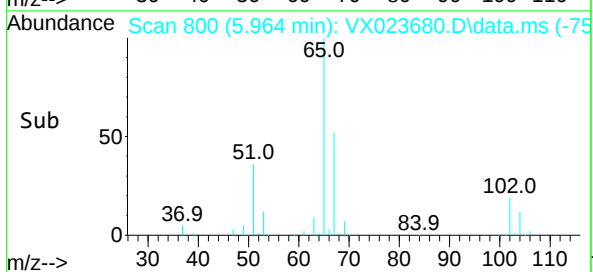
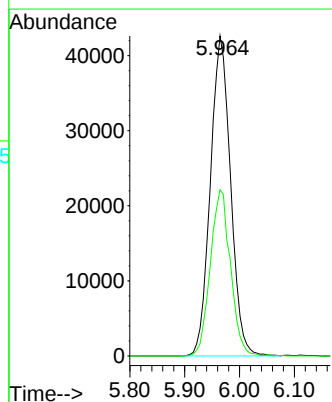
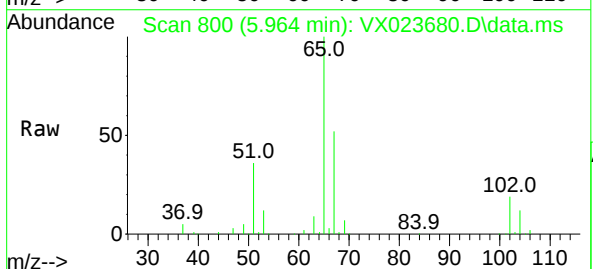
Instrument :
MSVOA_X
ClientSampleId :

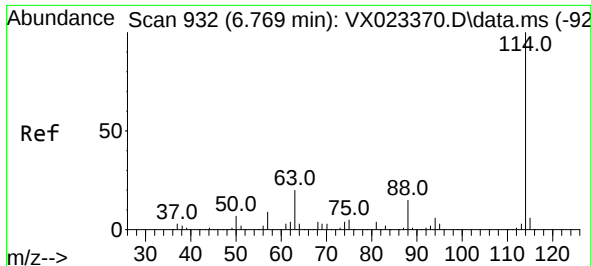
Tgt Ion: 56 Resp: 3501
Ion Ratio Lower Upper
56 100
69 156.9 25.3 37.9#
84 111.8 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 55.666 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023680.D
Acq: 13 Aug 2021 10:55

Tgt Ion: 65 Resp: 109131
Ion Ratio Lower Upper
65 100
67 51.6 0.0 105.4

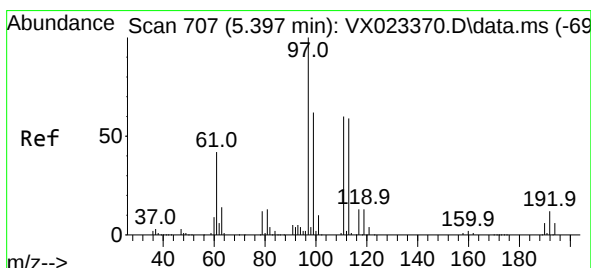
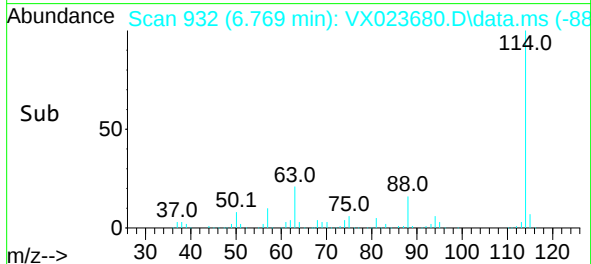
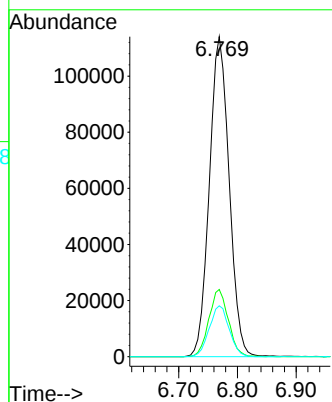
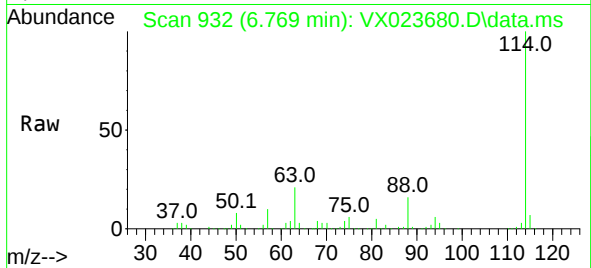




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX023680.D
Acq: 13 Aug 2021 10:55

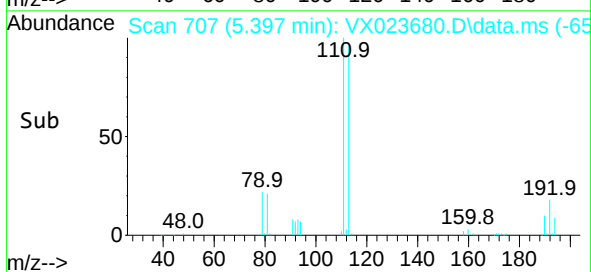
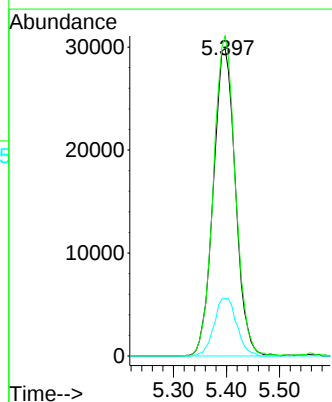
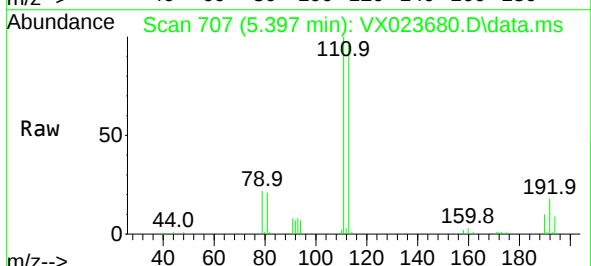
Instrument :
MSVOA_X
ClientSampleId :

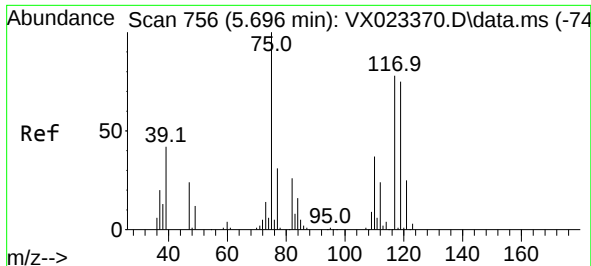
Tgt Ion:114 Resp: 266812
Ion Ratio Lower Upper
114 100
63 21.0 0.0 40.8
88 15.9 0.0 32.8



#35
Dibromofluoromethane
Concen: 52.056 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023680.D
Acq: 13 Aug 2021 10:55

Tgt Ion:113 Resp: 86842
Ion Ratio Lower Upper
113 100
111 103.0 81.9 122.9
192 19.2 16.7 25.1

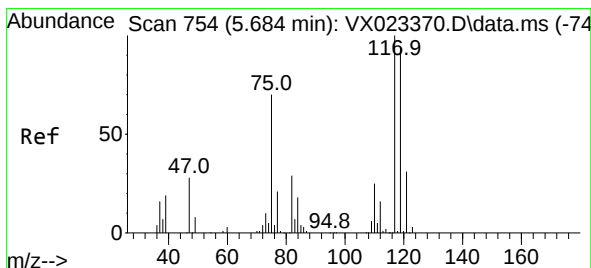
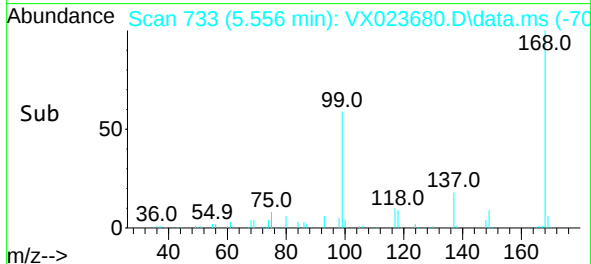
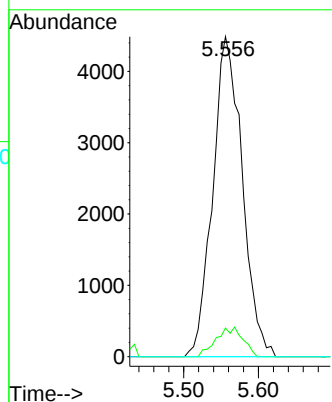
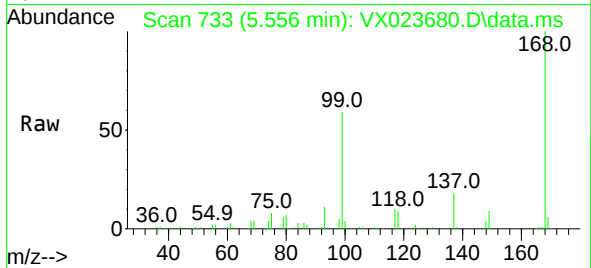




#36
1,1-Dichloropropene
Concen: 5.089 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX023680.D
Acq: 13 Aug 2021 10:55

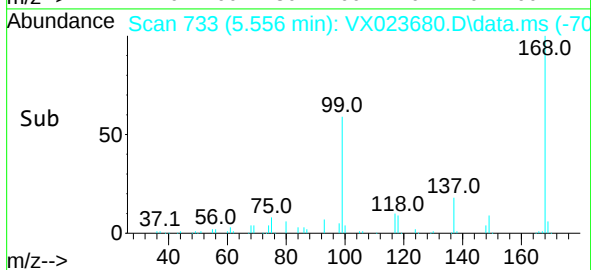
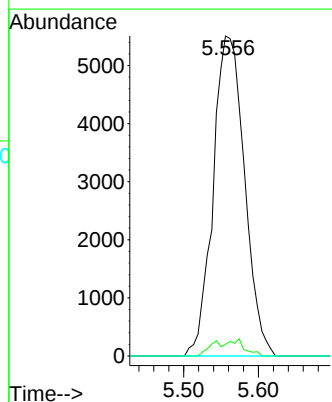
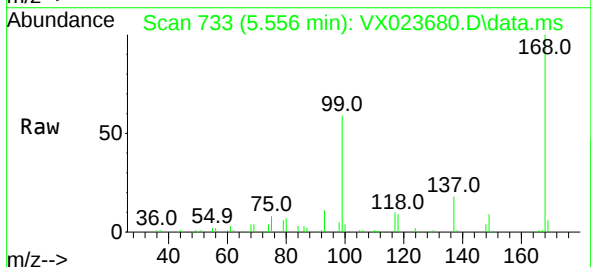
Instrument :
MSVOA_X
ClientSampled :

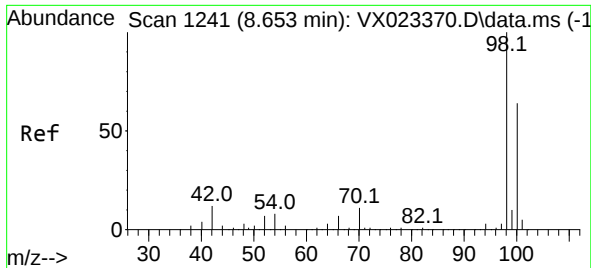
Tgt Ion: 75 Resp: 12284
Ion Ratio Lower Upper
75 100
110 8.4 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.556 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX023680.D
Acq: 13 Aug 2021 10:55

Tgt Ion: 117 Resp: 16092
Ion Ratio Lower Upper
117 100
119 3.7 76.2 114.2#
121 0.0 24.8 37.2#

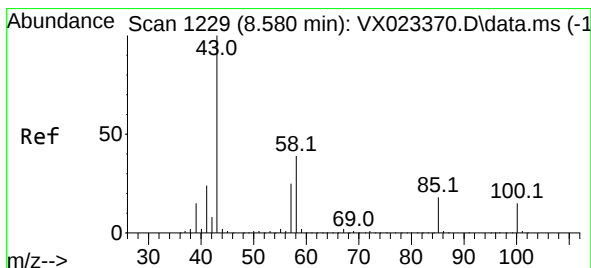
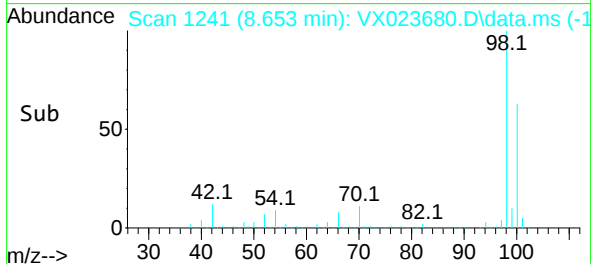
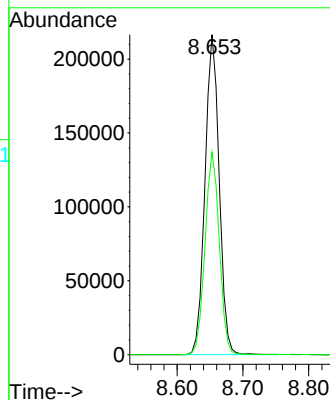
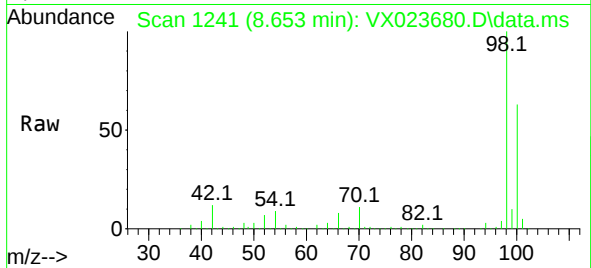




#50
Toluene-d8
Concen: 53.132 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023680.D
Acq: 13 Aug 2021 10:55

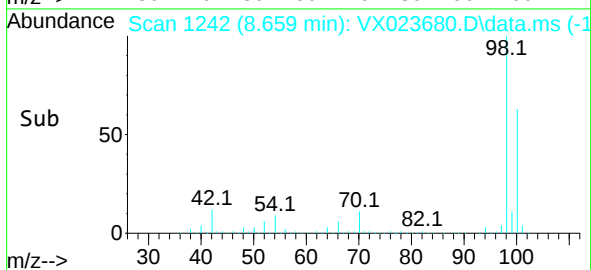
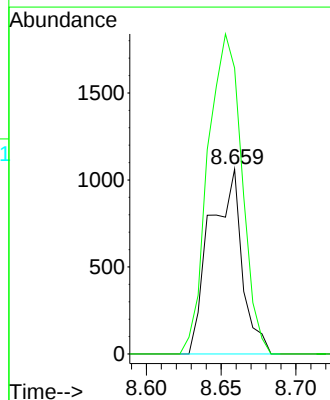
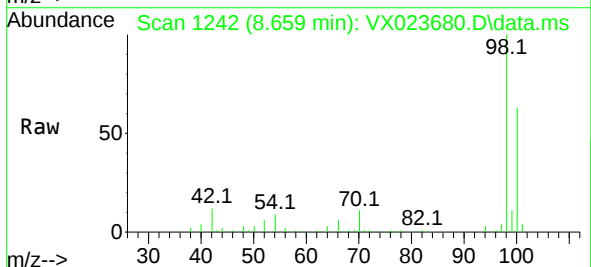
Instrument :
MSVOA_X
ClientSampled :

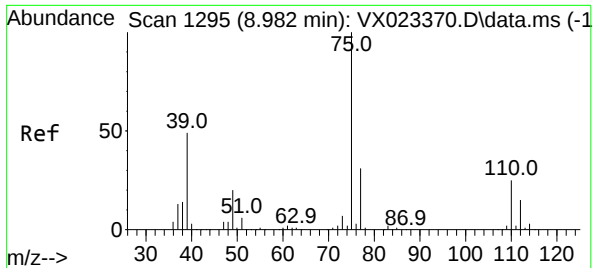
Tgt Ion: 98 Resp: 325649
Ion Ratio Lower Upper
98 100
100 63.5 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.546 ug/l
RT: 8.659 min Scan# 1242
Delta R.T. 0.079 min
Lab File: VX023680.D
Acq: 13 Aug 2021 10:55

Tgt Ion: 43 Resp: 1576
Ion Ratio Lower Upper
43 100
58 183.8 35.4 53.0#

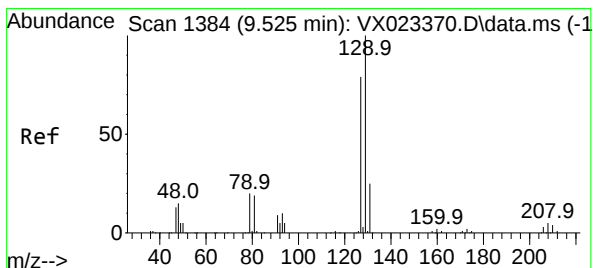
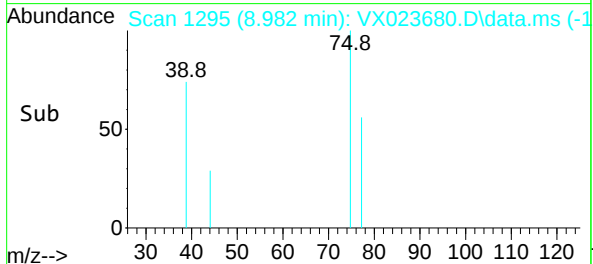
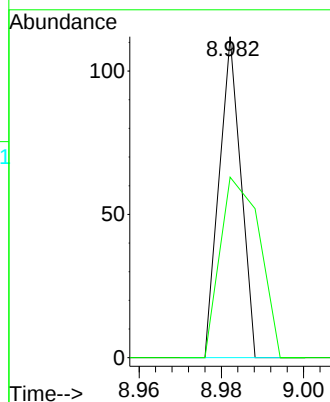
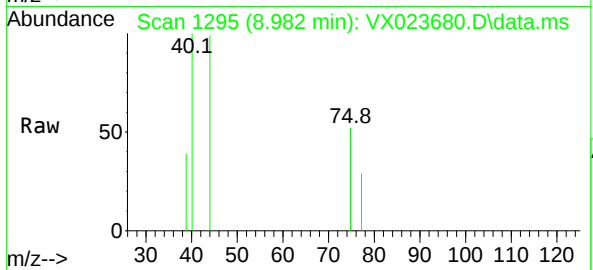




#53
t-1,3-Dichloropropene
Concen: 1.830 ug/l
RT: 8.982 min Scan# 1295
Delta R.T. 0.000 min
Lab File: VX023680.D
Acq: 13 Aug 2021 10:55

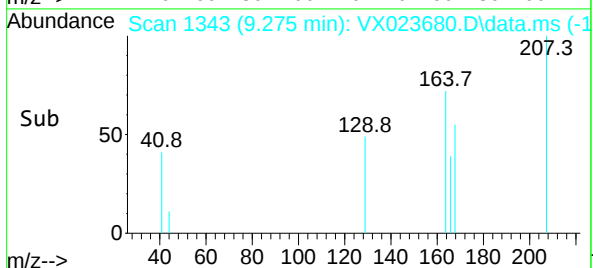
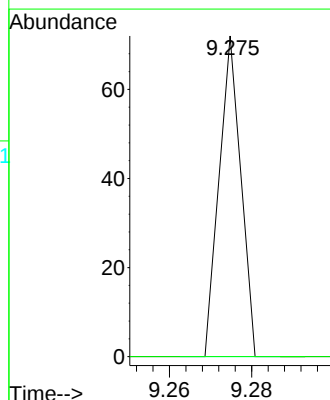
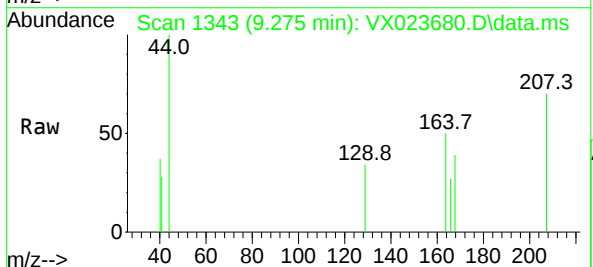
Instrument :
MSVOA_X
ClientSampled :

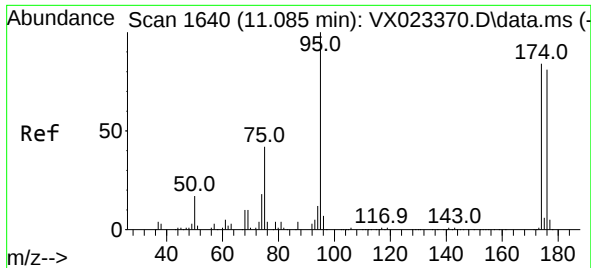
Tgt Ion: 75 Resp: 41
Ion Ratio Lower Upper
75 100
77 56.3 24.9 37.3#



#60
Dibromochloromethane
Concen: 1.996 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.250 min
Lab File: VX023680.D
Acq: 13 Aug 2021 10:55

Tgt Ion:129 Resp: 26
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#

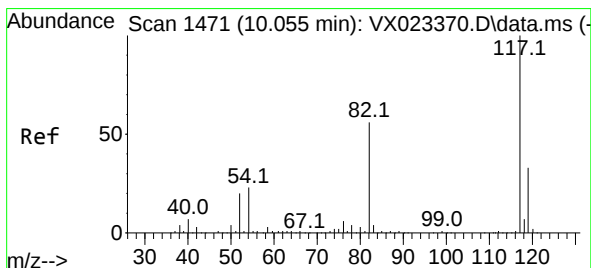
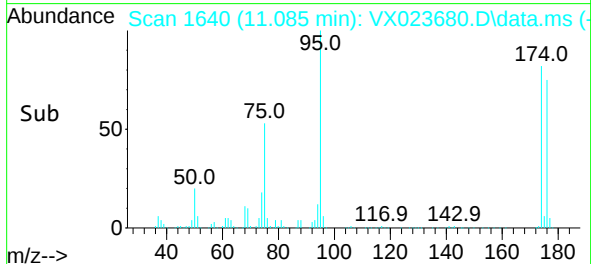
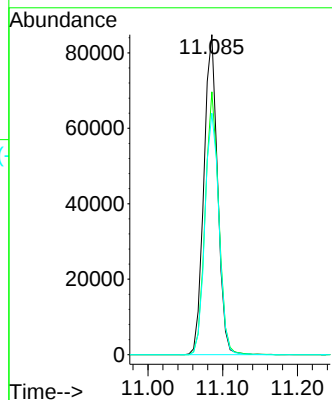
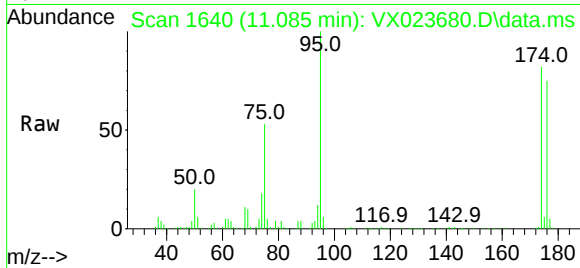




#62
4-Bromofluorobenzene
Concen: 51.813 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023680.D
Acq: 13 Aug 2021 10:55

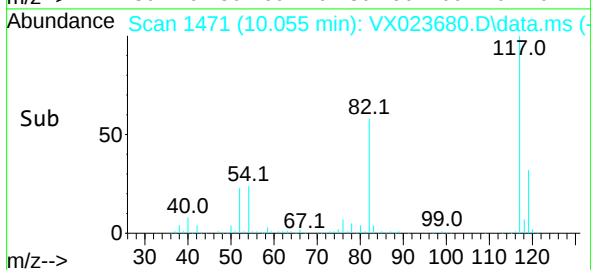
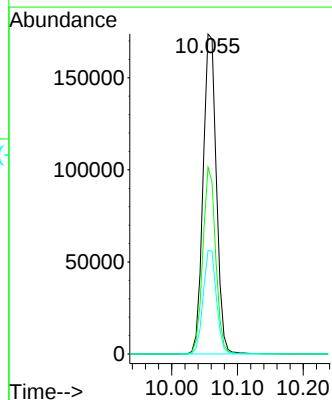
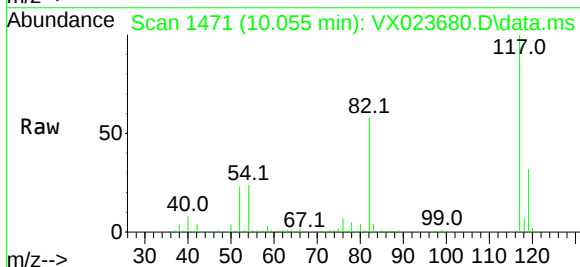
Instrument :
MSVOA_X
ClientSampled :

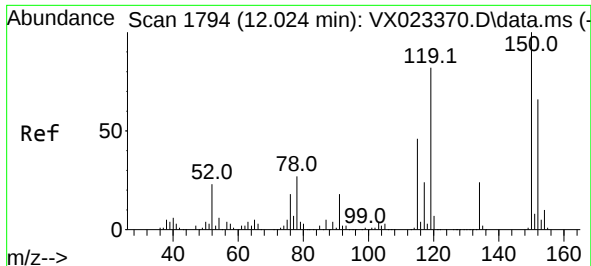
Tgt Ion: 95 Resp: 107985
Ion Ratio Lower Upper
95 100
174 81.3 0.0 154.6
176 77.7 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX023680.D
Acq: 13 Aug 2021 10:55

Tgt Ion: 117 Resp: 244209
Ion Ratio Lower Upper
117 100
82 58.3 47.4 71.2
119 32.4 26.6 39.8

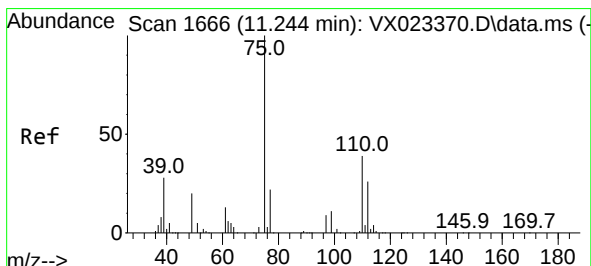
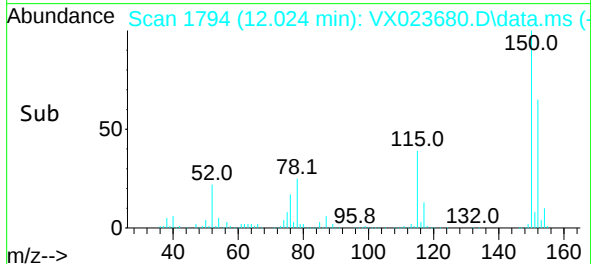
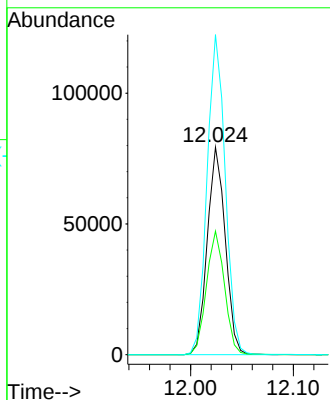
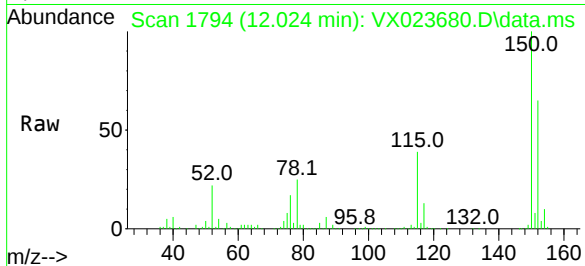




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX023680.D
Acq: 13 Aug 2021 10:55

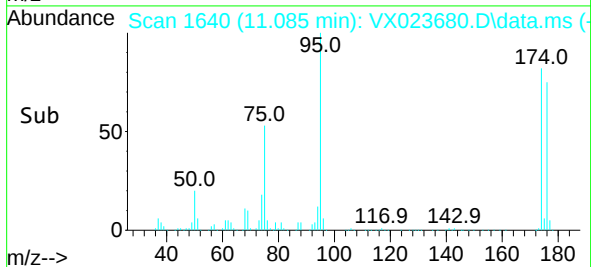
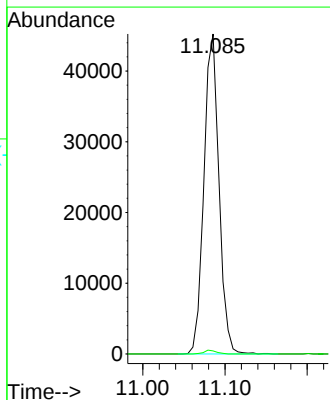
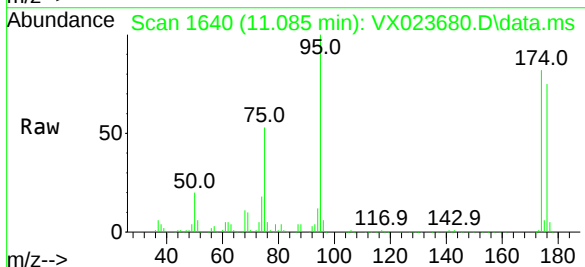
Instrument :
MSVOA_X
ClientSampled :

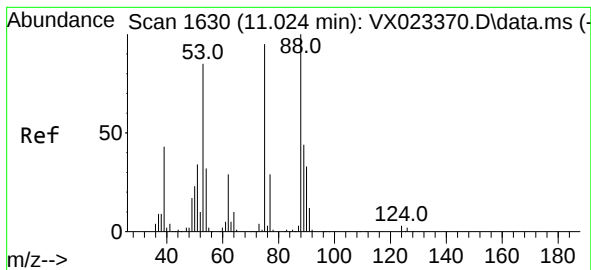
Tgt Ion:152 Resp: 96379
Ion Ratio Lower Upper
152 100
115 60.2 41.1 123.3
150 156.0 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 27.096 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX023680.D
Acq: 13 Aug 2021 10:55

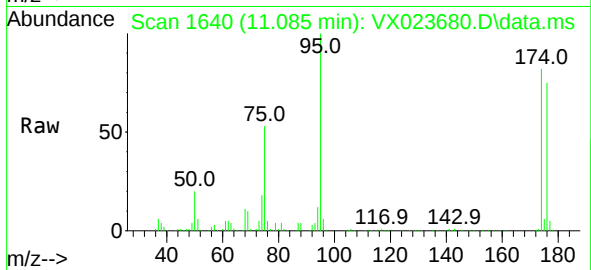
Tgt Ion: 75 Resp: 57468
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 72.858 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. 0.061 min
 Lab File: VX023680.D
 Acq: 13 Aug 2021 10:55

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion:	75	Resp:	57468
Ion	Ratio	Lower	Upper
75	100		
53	0.0	74.5	111.7#
89	0.0	37.9	56.9#

