

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080621\
 Data File : VX023591.D
 Acq On : 06 Aug 2021 13:11
 Operator : JC/MD
 Sample : M3298-07 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 07 04:43:32 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)

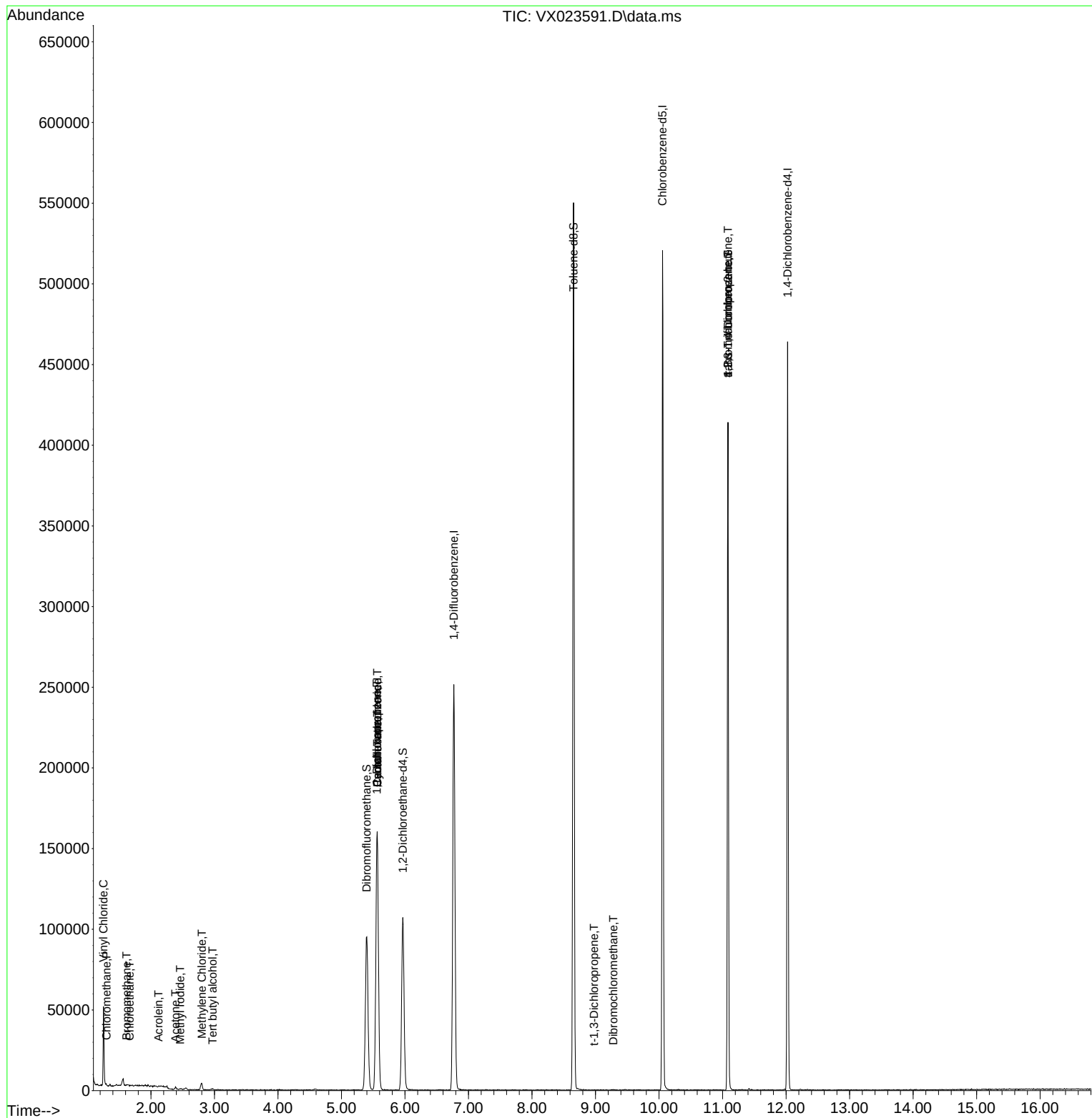
Internal Standards						
1) Pentafluorobenzene	5.562	168	153193	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	255125	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	229373	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	91841	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	103447	54.134	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 108.260%	
35) Dibromofluoromethane	5.397	113	82980	52.020	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.040%	
50) Toluene-d8	8.653	98	307332	52.440	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 104.880%	
62) 4-Bromofluorobenzene	11.085	95	100859	50.610	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 101.220%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.301	50	375	0.228	ug/l #	71
4) Vinyl Chloride	1.252	62	428	0.258	ug/l #	84
5) Bromomethane	1.618	94	629	0.638	ug/l	86
6) Chloroethane	1.666	64	214	0.210	ug/l #	66
10) Methyl Iodide	2.459	142	1027	0.540	ug/l #	90
11) Tert butyl alcohol	2.971	59	834	1.910	ug/l #	73
13) Acrolein	2.118	56	46	1.570	ug/l #	14
16) Acetone	2.386	43	1427	1.522	ug/l	98
20) Methylene Chloride	2.800	84	1899	1.041	ug/l #	72
31) Cyclohexane	5.562	56	3343	1.181	ug/l #	9
36) 1,1-Dichloropropene	5.556	75	11946	5.176	ug/l #	49
38) Carbon Tetrachloride	5.562	117	15379	6.552	ug/l #	16
53) t-1,3-Dichloropropene	8.976	75	26	1.826	ug/l #	44
60) Dibromochloromethane	9.281	129	49	2.008	ug/l #	11
76) 1,2,3-Trichloropropane	11.085	75	54242	26.839	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	54242	72.166	ug/l #	12

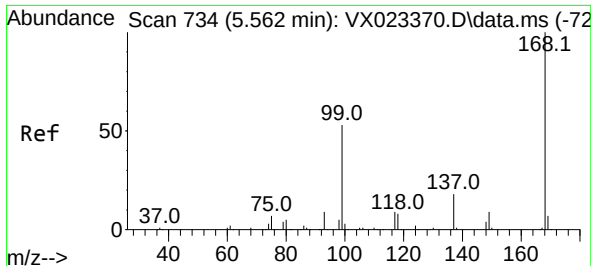
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072221W.M
Quant Title : SW846 8260
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Response via : Initial Calibration

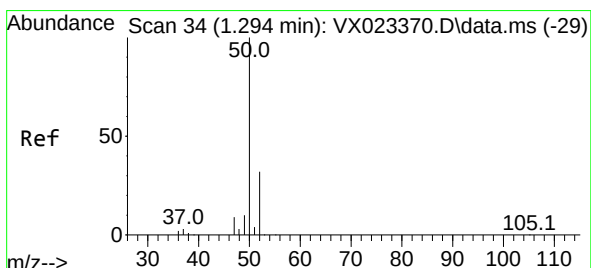
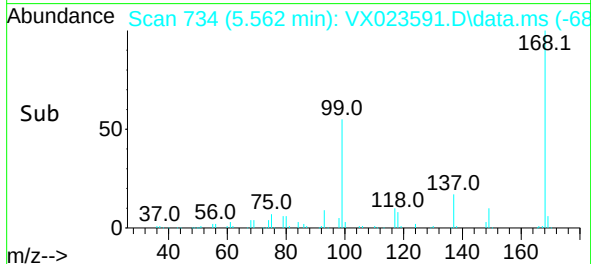
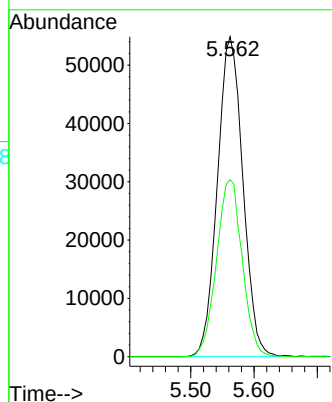
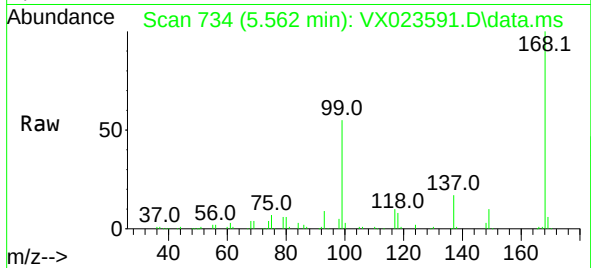




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX023591.D
Acq: 06 Aug 2021 13:11

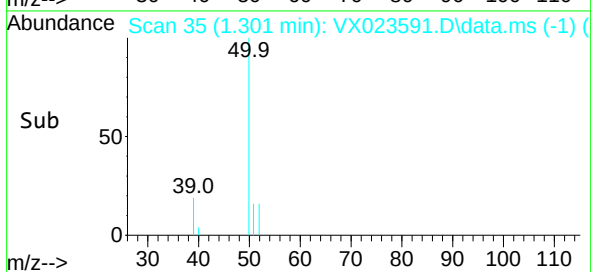
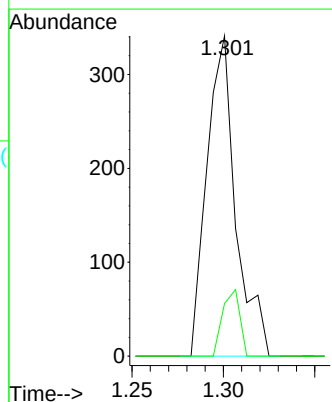
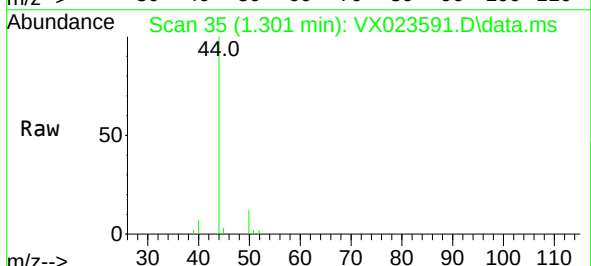
Instrument :
MSVOA_X
ClientSampleId :

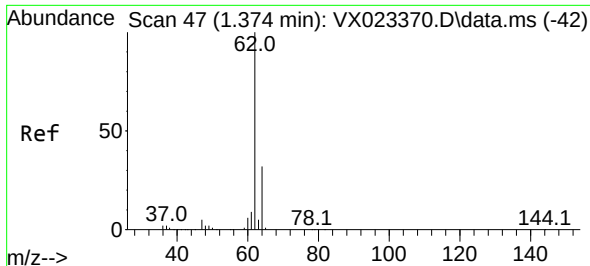
Tgt Ion:168 Resp: 153193
Ion Ratio Lower Upper
168 100
99 55.3 45.8 68.6



#3
Chloromethane
Concen: 0.228 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.007 min
Lab File: VX023591.D
Acq: 06 Aug 2021 13:11

Tgt Ion: 50 Resp: 375
Ion Ratio Lower Upper
50 100
52 16.4 26.4 39.6#

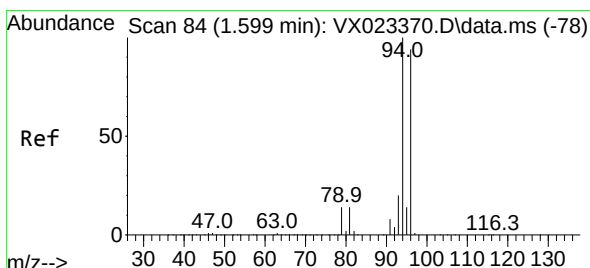
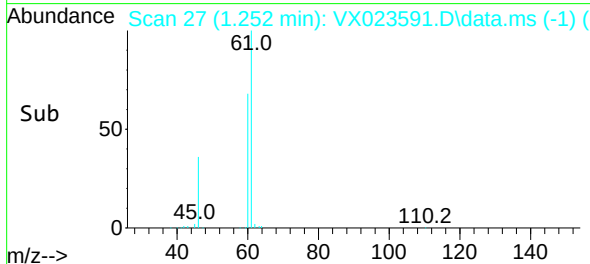
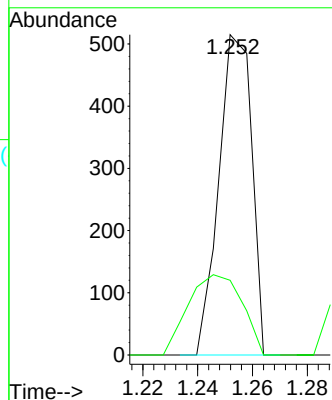
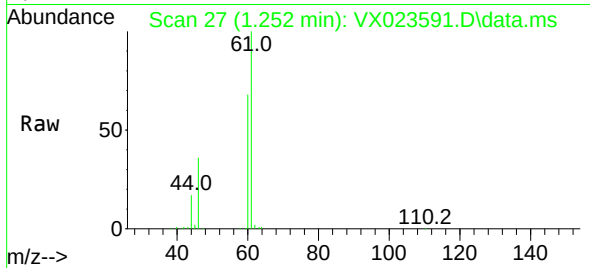




#4
 Vinyl Chloride
 Concen: 0.258 ug/l
 RT: 1.252 min Scan# 27
 Delta R.T. -0.122 min
 Lab File: VX023591.D
 Acq: 06 Aug 2021 13:11

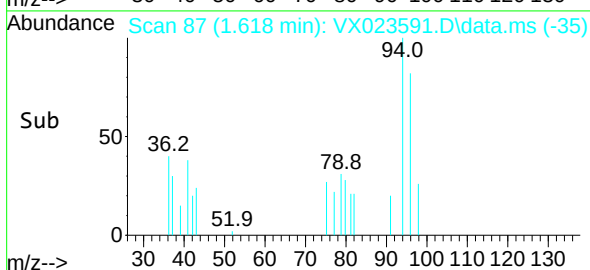
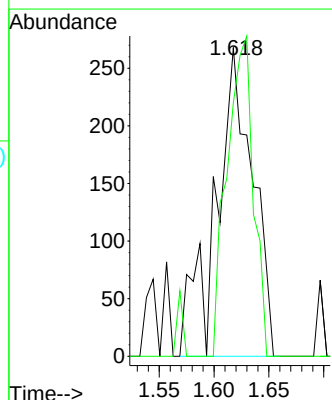
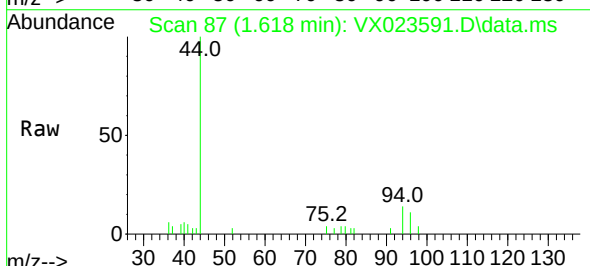
Instrument :
 MSVOA_X
 ClientSampled :

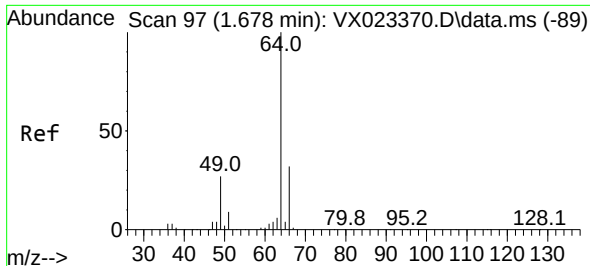
Tgt Ion: 62 Resp: 428
 Ion Ratio Lower Upper
 62 100
 64 23.3 25.7 38.5#



#5
 Bromomethane
 Concen: 0.638 ug/l
 RT: 1.618 min Scan# 87
 Delta R.T. 0.019 min
 Lab File: VX023591.D
 Acq: 06 Aug 2021 13:11

Tgt Ion: 94 Resp: 629
 Ion Ratio Lower Upper
 94 100
 96 82.1 76.4 114.6

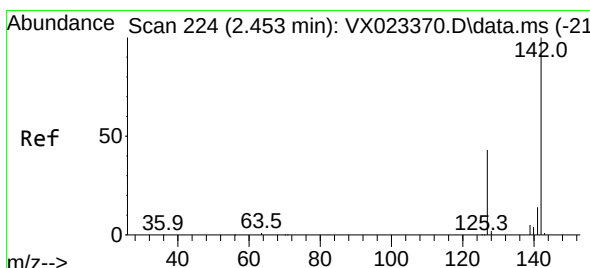
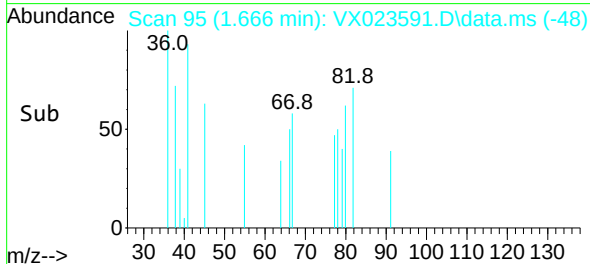
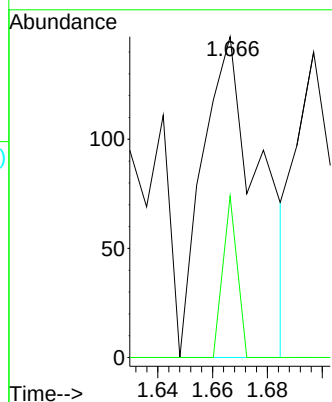
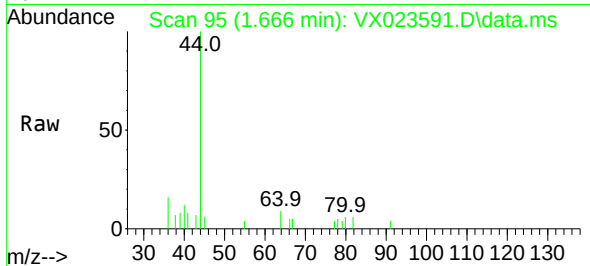




#6
Chloroethane
Concen: 0.210 ug/l
RT: 1.666 min Scan# 95
Delta R.T. -0.012 min
Lab File: VX023591.D
Acq: 06 Aug 2021 13:11

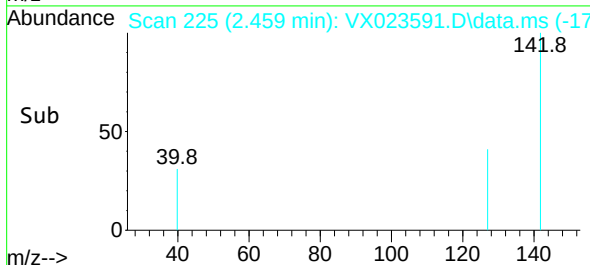
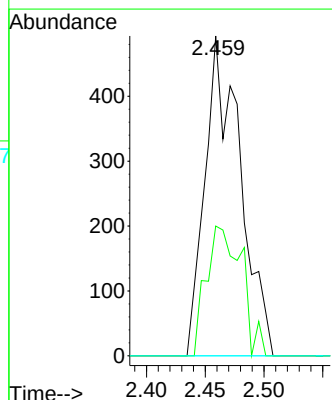
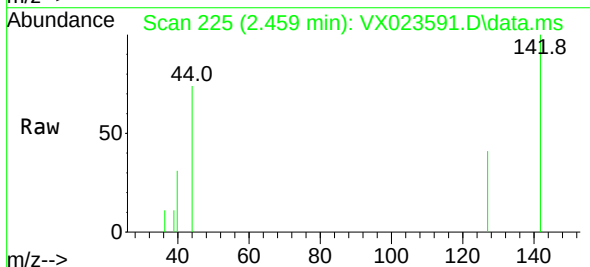
Instrument :
MSVOA_X
ClientSampled :

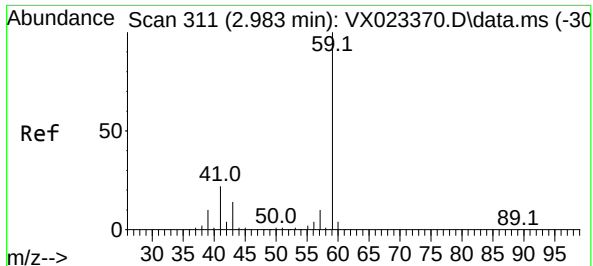
Tgt Ion: 64 Resp: 214
Ion Ratio Lower Upper
64 100
66 50.3 25.4 38.0#



#10
Methyl Iodide
Concen: 0.540 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX023591.D
Acq: 06 Aug 2021 13:11

Tgt Ion: 142 Resp: 1027
Ion Ratio Lower Upper
142 100
127 40.8 33.3 49.9
141 0.0 11.4 17.0#

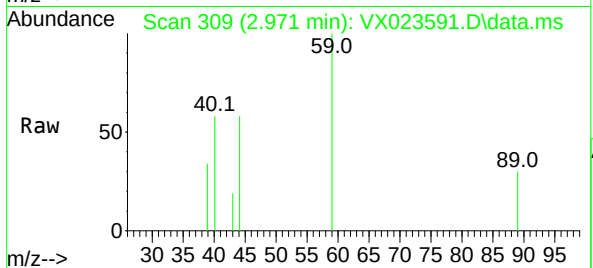




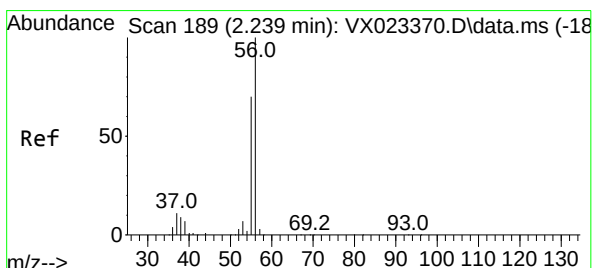
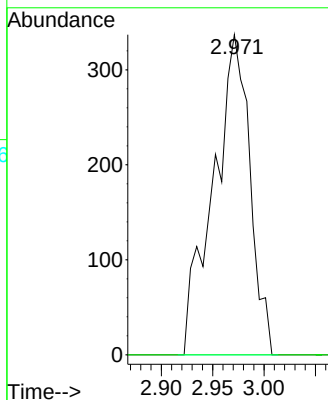
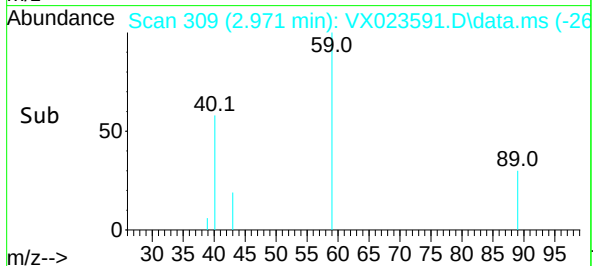
#11

Tert butyl alcohol
Concen: 1.910 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.012 min
Lab File: VX023591.D
Acq: 06 Aug 2021 13:11

Instrument :
MSVOA_X
ClientSampled :

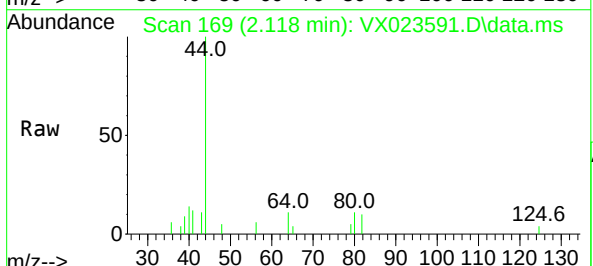


Tgt Ion: 59 Resp: 834
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

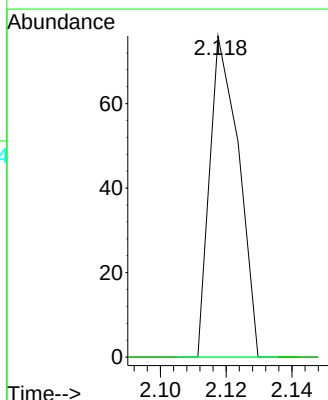
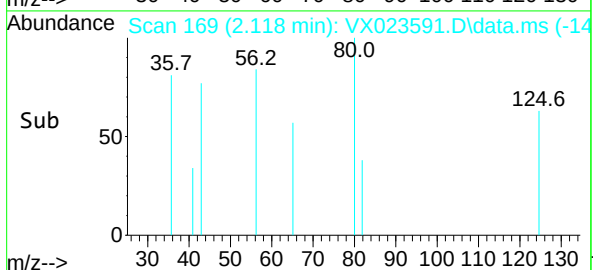


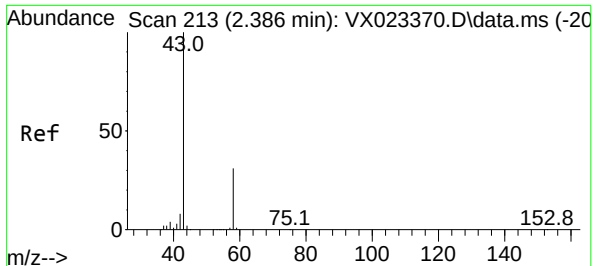
#13

Acrolein
Concen: 1.570 ug/l
RT: 2.118 min Scan# 169
Delta R.T. -0.121 min
Lab File: VX023591.D
Acq: 06 Aug 2021 13:11



Tgt Ion: 56 Resp: 46
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#

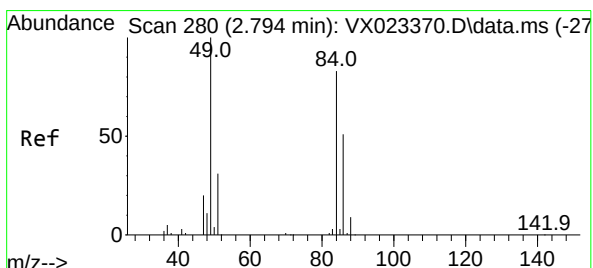
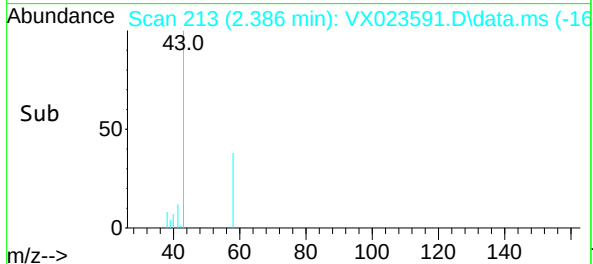
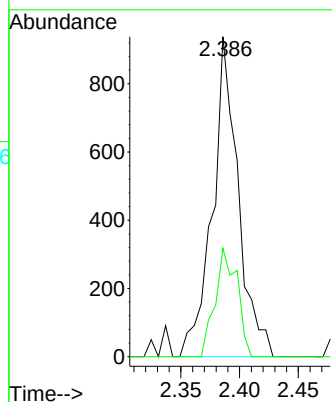
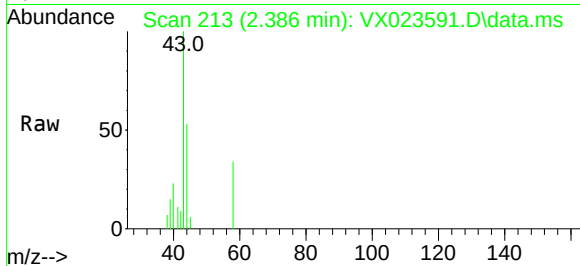




#16
Acetone
Concen: 1.522 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX023591.D
Acq: 06 Aug 2021 13:11

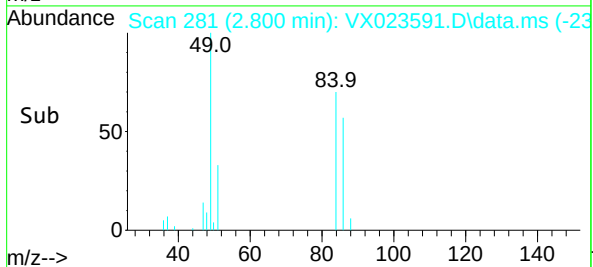
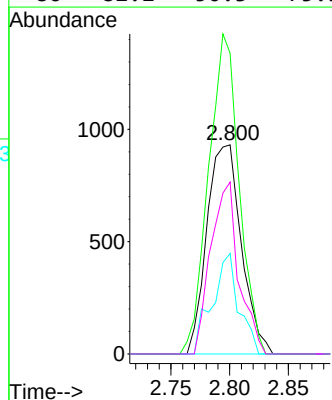
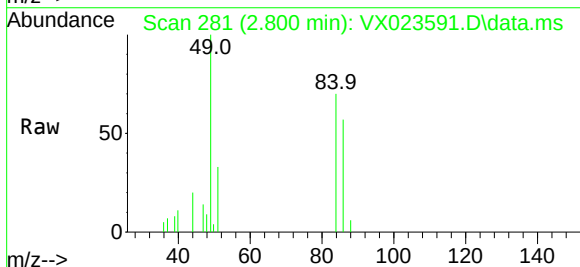
Instrument :
MSVOA_X
ClientSampled :

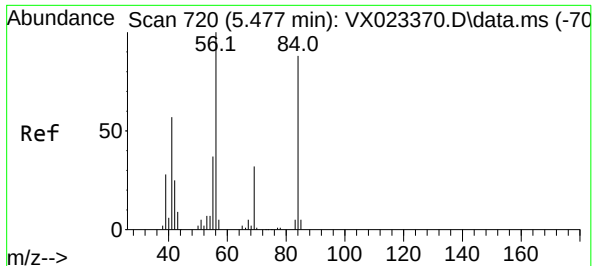
Tgt Ion: 43 Resp: 1427
Ion Ratio Lower Upper
43 100
58 33.9 27.8 41.8



#20
Methylene Chloride
Concen: 1.041 ug/l
RT: 2.800 min Scan# 281
Delta R.T. 0.006 min
Lab File: VX023591.D
Acq: 06 Aug 2021 13:11

Tgt Ion: 84 Resp: 1899
Ion Ratio Lower Upper
84 100
49 143.8 88.6 132.8#
51 48.0 27.0 40.6#
86 82.2 50.3 75.5#

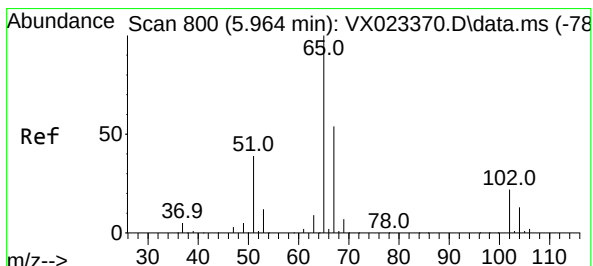
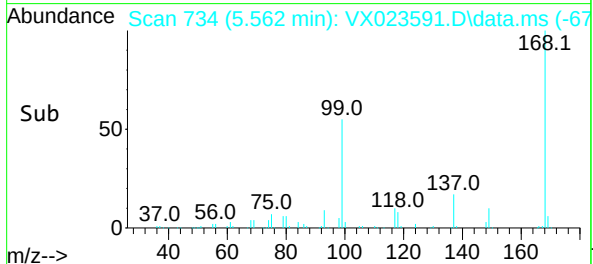
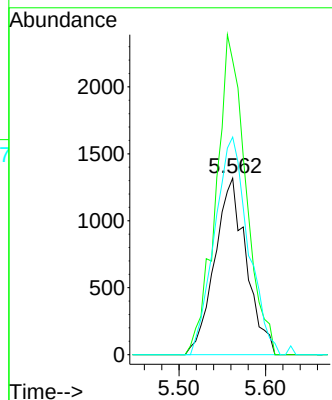
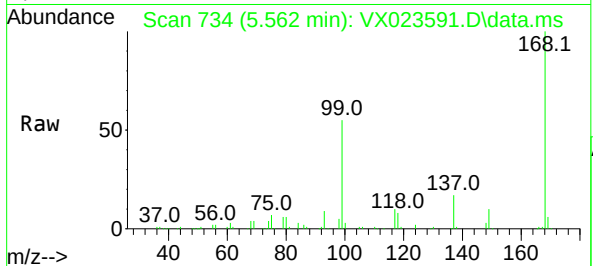




#31
Cyclohexane
Concen: 1.181 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.085 min
Lab File: VX023591.D
Acq: 06 Aug 2021 13:11

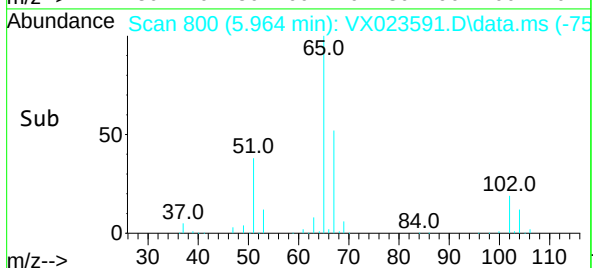
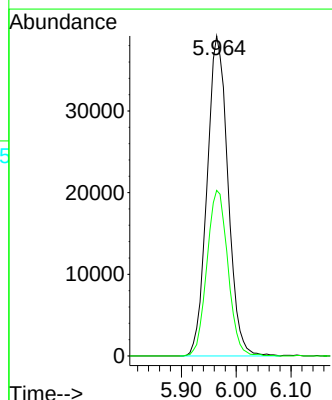
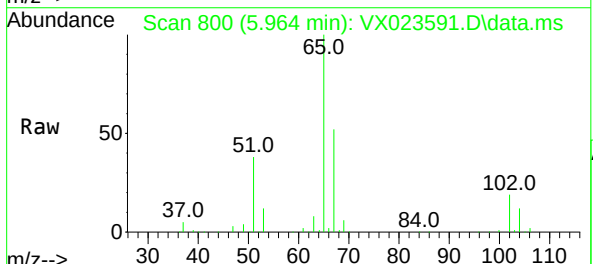
Instrument :
MSVOA_X
ClientSampled :

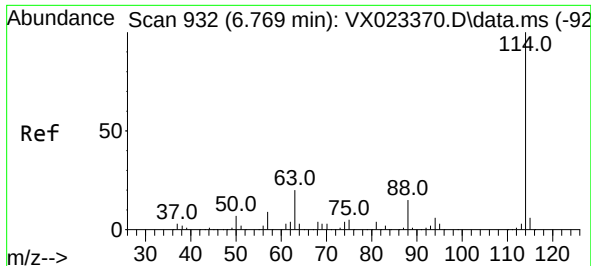
Tgt Ion: 56 Resp: 3343
Ion Ratio Lower Upper
56 100
69 166.6 25.3 37.9#
84 123.3 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 54.134 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023591.D
Acq: 06 Aug 2021 13:11

Tgt Ion: 65 Resp: 103447
Ion Ratio Lower Upper
65 100
67 52.0 0.0 105.4

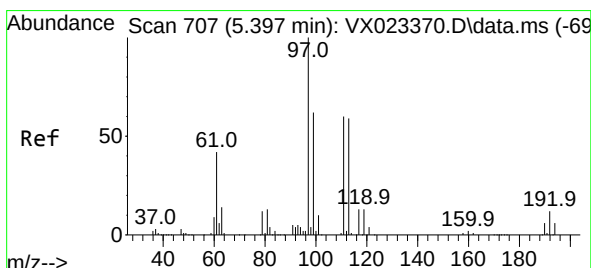
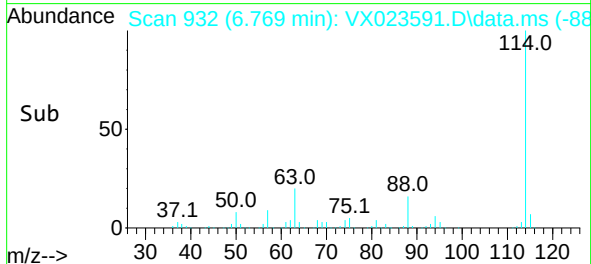
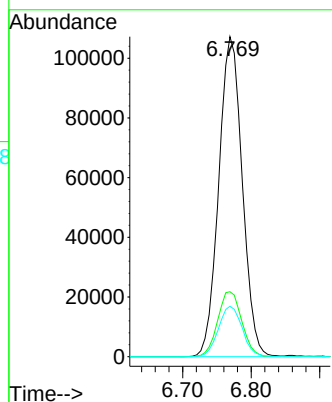
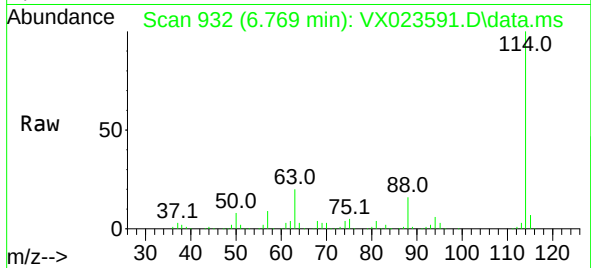




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX023591.D
Acq: 06 Aug 2021 13:11

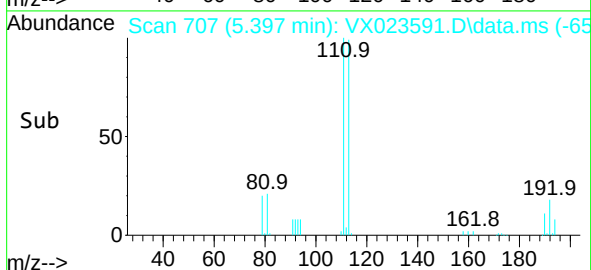
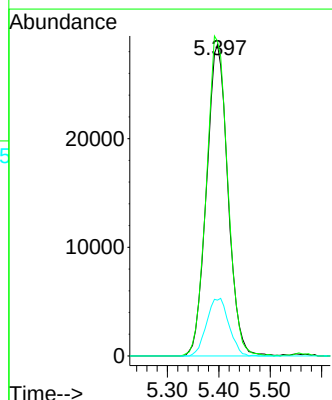
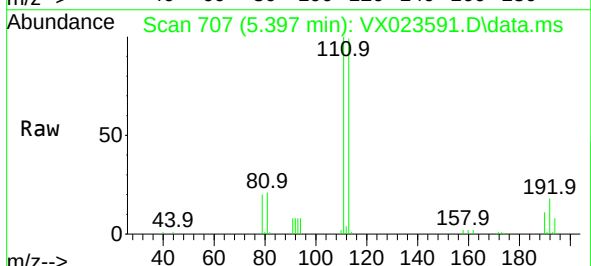
Instrument :
MSVOA_X
ClientSampled :

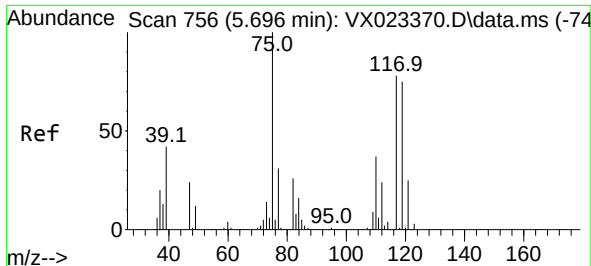
Tgt Ion:114 Resp: 255125
Ion Ratio Lower Upper
114 100
63 20.3 0.0 40.8
88 15.8 0.0 32.8



#35
Dibromofluoromethane
Concen: 52.020 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023591.D
Acq: 06 Aug 2021 13:11

Tgt Ion:113 Resp: 82980
Ion Ratio Lower Upper
113 100
111 102.1 81.9 122.9
192 19.2 16.7 25.1

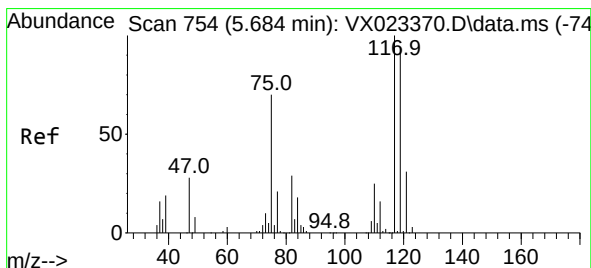
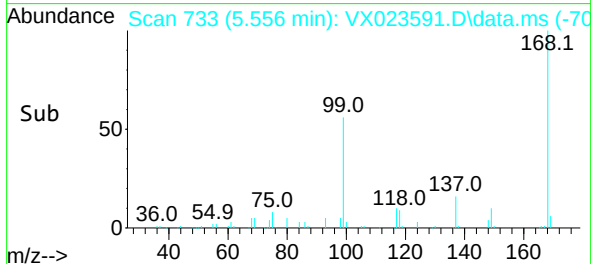
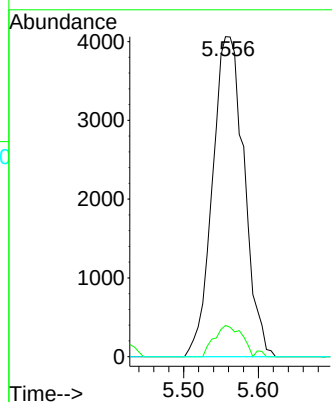
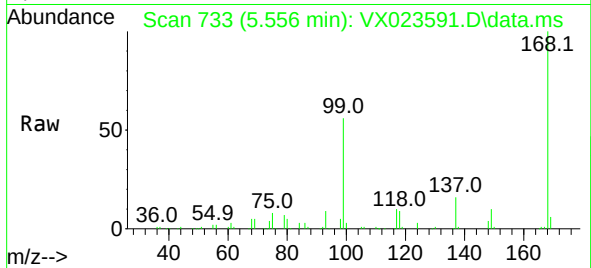




#36
1,1-Dichloropropene
Concen: 5.176 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX023591.D
Acq: 06 Aug 2021 13:11

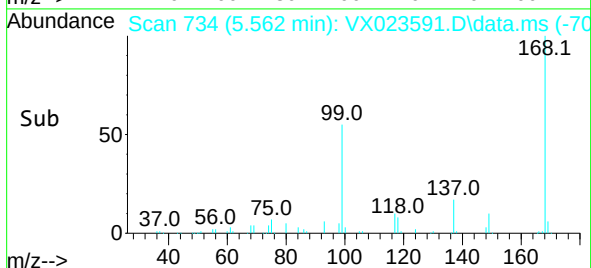
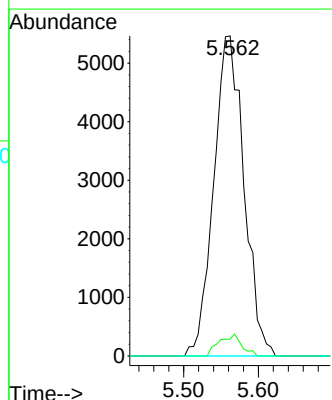
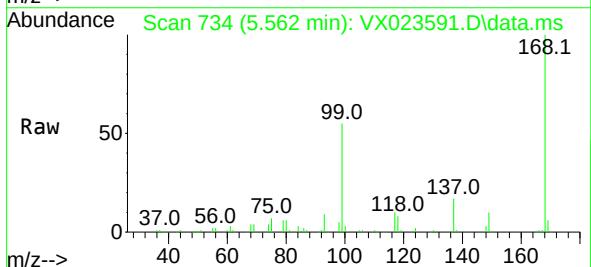
Instrument :
MSVOA_X
ClientSampleId :

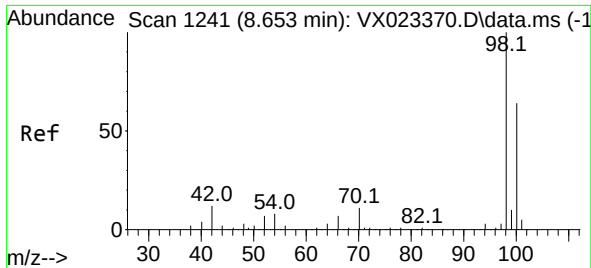
Tgt Ion: 75 Resp: 11946
Ion Ratio Lower Upper
75 100
110 8.8 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.552 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.122 min
Lab File: VX023591.D
Acq: 06 Aug 2021 13:11

Tgt Ion: 117 Resp: 15379
Ion Ratio Lower Upper
117 100
119 5.3 76.2 114.2#
121 0.0 24.8 37.2#

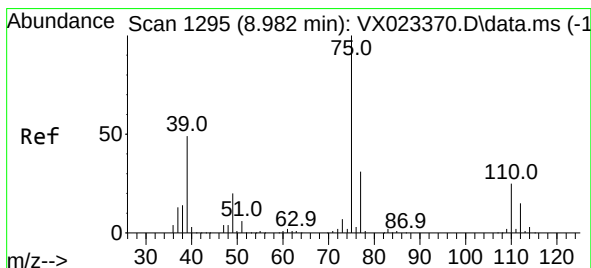
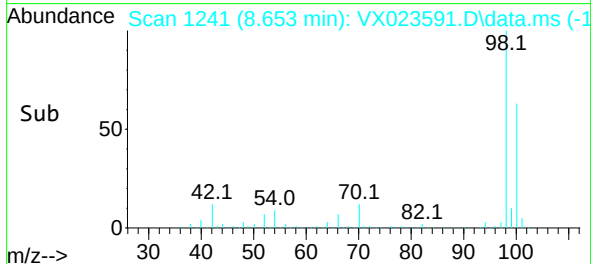
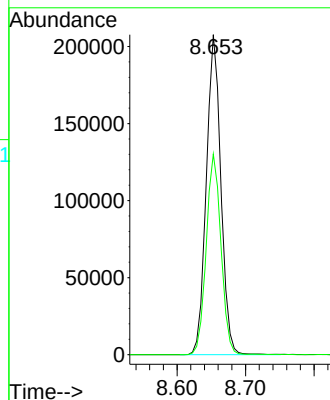
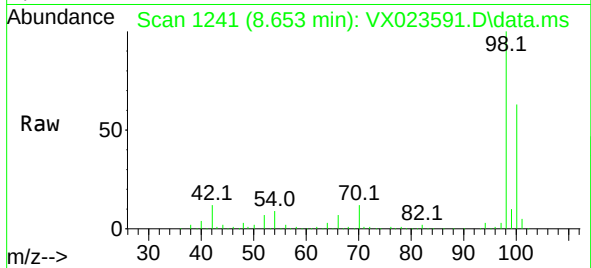




#50
Toluene-d8
Concen: 52.440 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023591.D
Acq: 06 Aug 2021 13:11

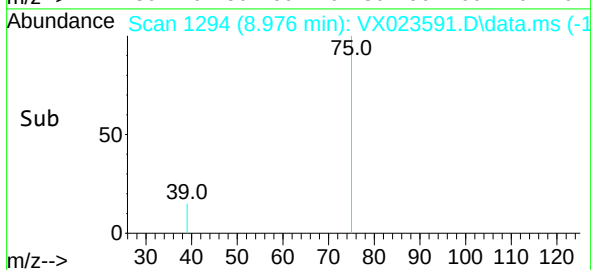
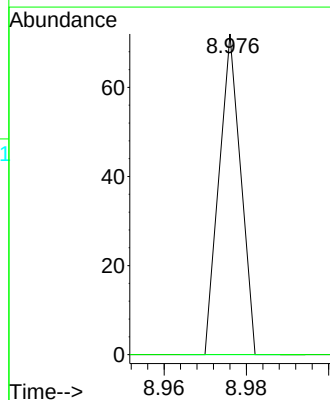
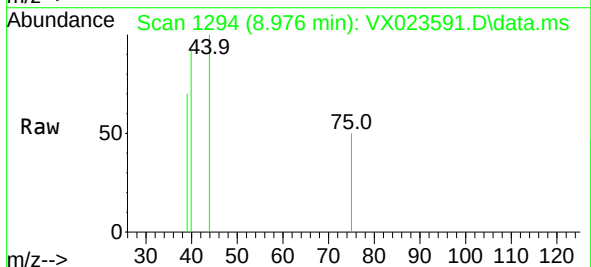
Instrument :
MSVOA_X
ClientSampled :

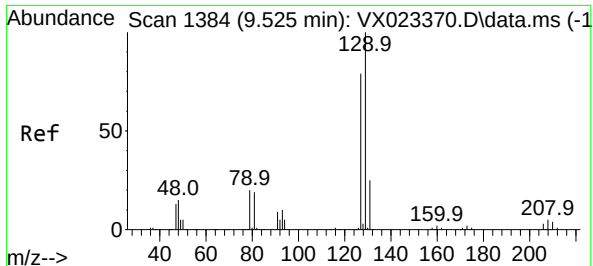
Tgt Ion: 98 Resp: 307332
Ion Ratio Lower Upper
98 100
100 63.6 51.9 77.9



#53
t-1,3-Dichloropropene
Concen: 1.826 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. -0.006 min
Lab File: VX023591.D
Acq: 06 Aug 2021 13:11

Tgt Ion: 75 Resp: 26
Ion Ratio Lower Upper
75 100
77 0.0 24.9 37.3#

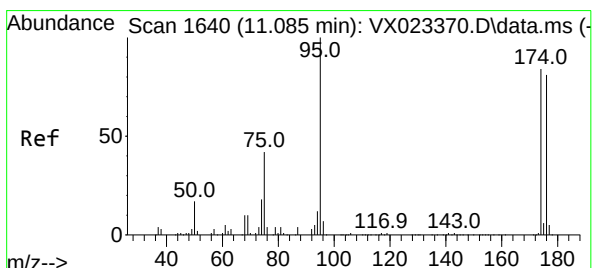
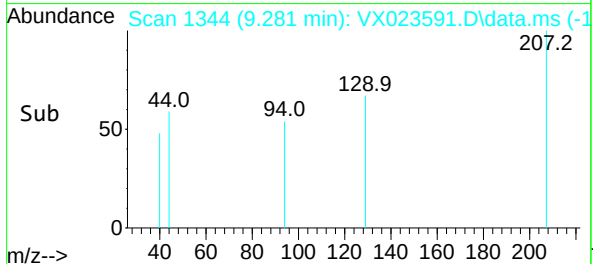
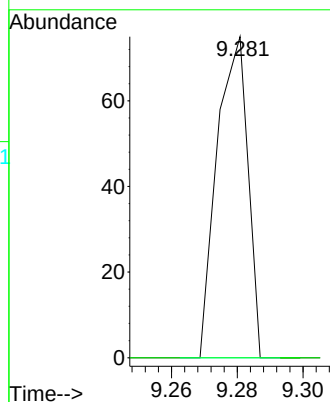
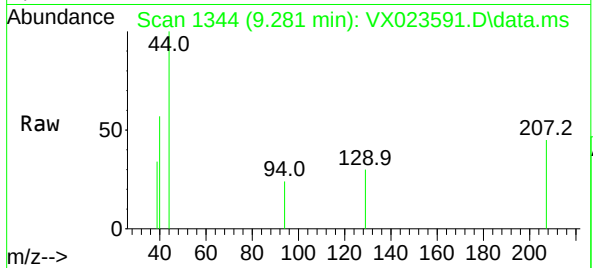




#60
Dibromochloromethane
Concen: 2.008 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. -0.244 min
Lab File: VX023591.D
Acq: 06 Aug 2021 13:11

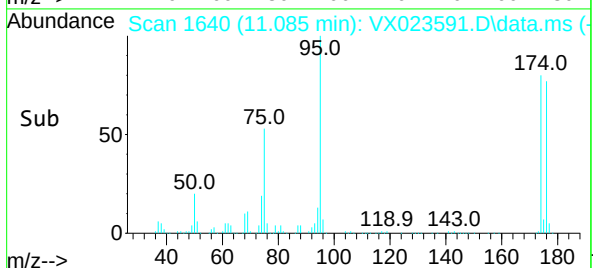
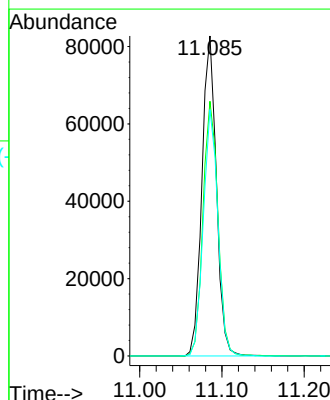
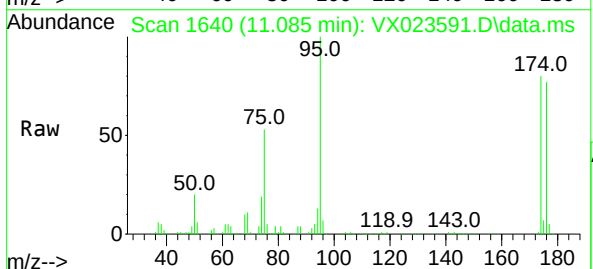
Instrument :
MSVOA_X
ClientSampled :

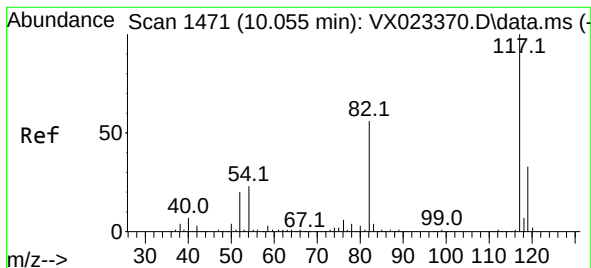
Tgt Ion:129 Resp: 49
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#



#62
4-Bromofluorobenzene
Concen: 50.610 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023591.D
Acq: 06 Aug 2021 13:11

Tgt Ion: 95 Resp: 100859
Ion Ratio Lower Upper
95 100
174 82.4 0.0 154.6
176 77.9 0.0 155.8

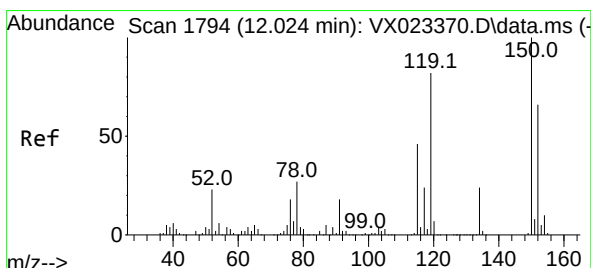
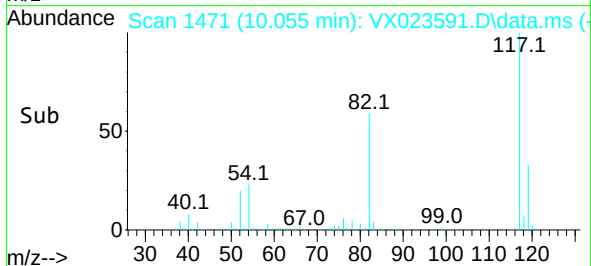
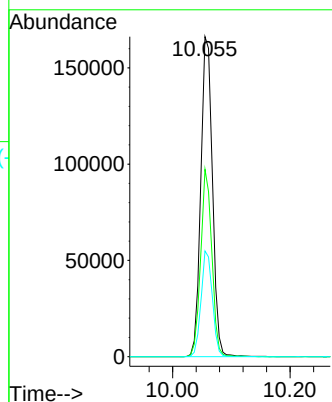
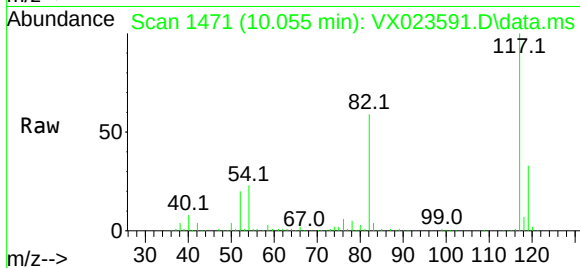




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX023591.D
Acq: 06 Aug 2021 13:11

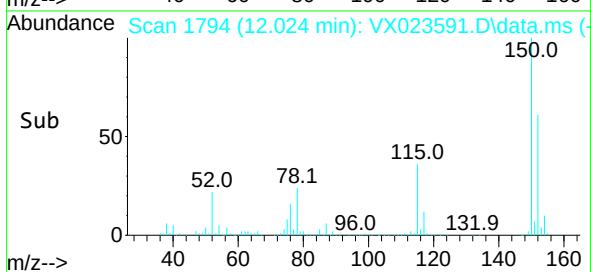
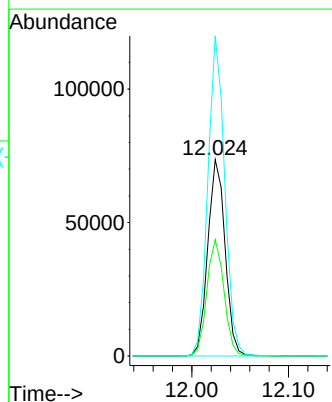
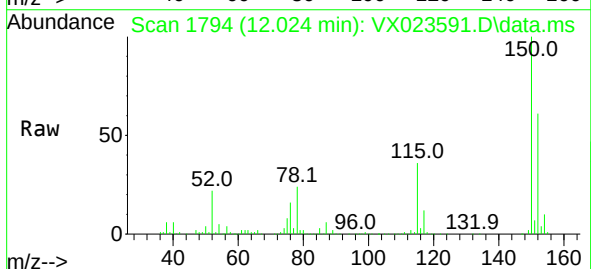
Instrument :
MSVOA_X
ClientSampled :

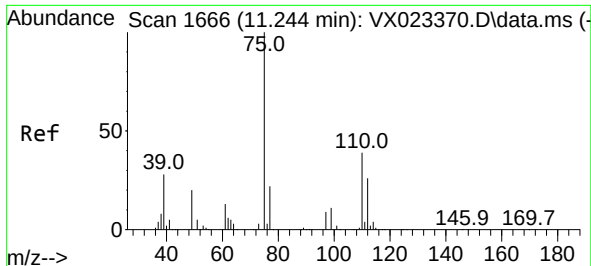
Tgt Ion:117 Resp: 229373
Ion Ratio Lower Upper
117 100
82 58.5 47.4 71.2
119 33.1 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX023591.D
Acq: 06 Aug 2021 13:11

Tgt Ion:152 Resp: 91841
Ion Ratio Lower Upper
152 100
115 58.6 41.1 123.3
150 157.9 0.0 349.0

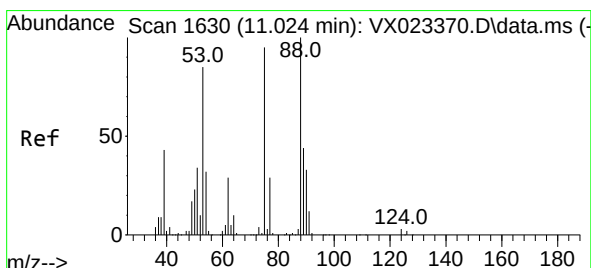
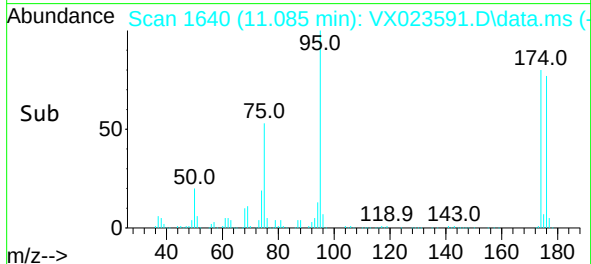
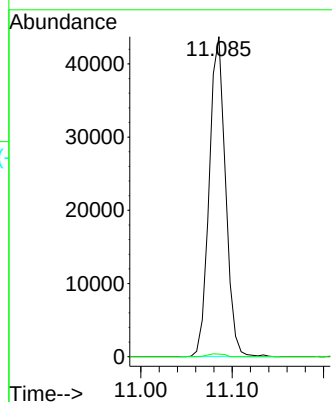
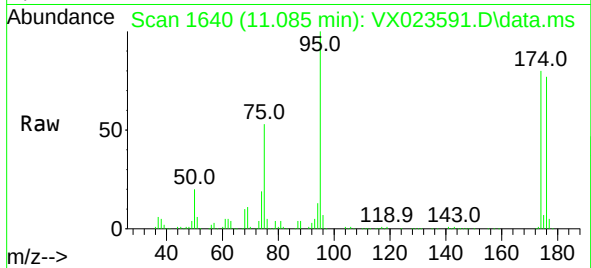




#76
1,2,3-Trichloropropane
Concen: 26.839 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX023591.D
Acq: 06 Aug 2021 13:11

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 75 Resp: 54242
Ion Ratio Lower Upper
75 100
77 0.9 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 72.166 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX023591.D
Acq: 06 Aug 2021 13:11

Tgt Ion: 75 Resp: 54242
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

