

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090321\
 Data File : VX024104.D
 Acq On : 03 Sep 2021 15:52
 Operator : JC/MD
 Sample : M3653-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 04 01:30:15 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 17 11:57:51 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

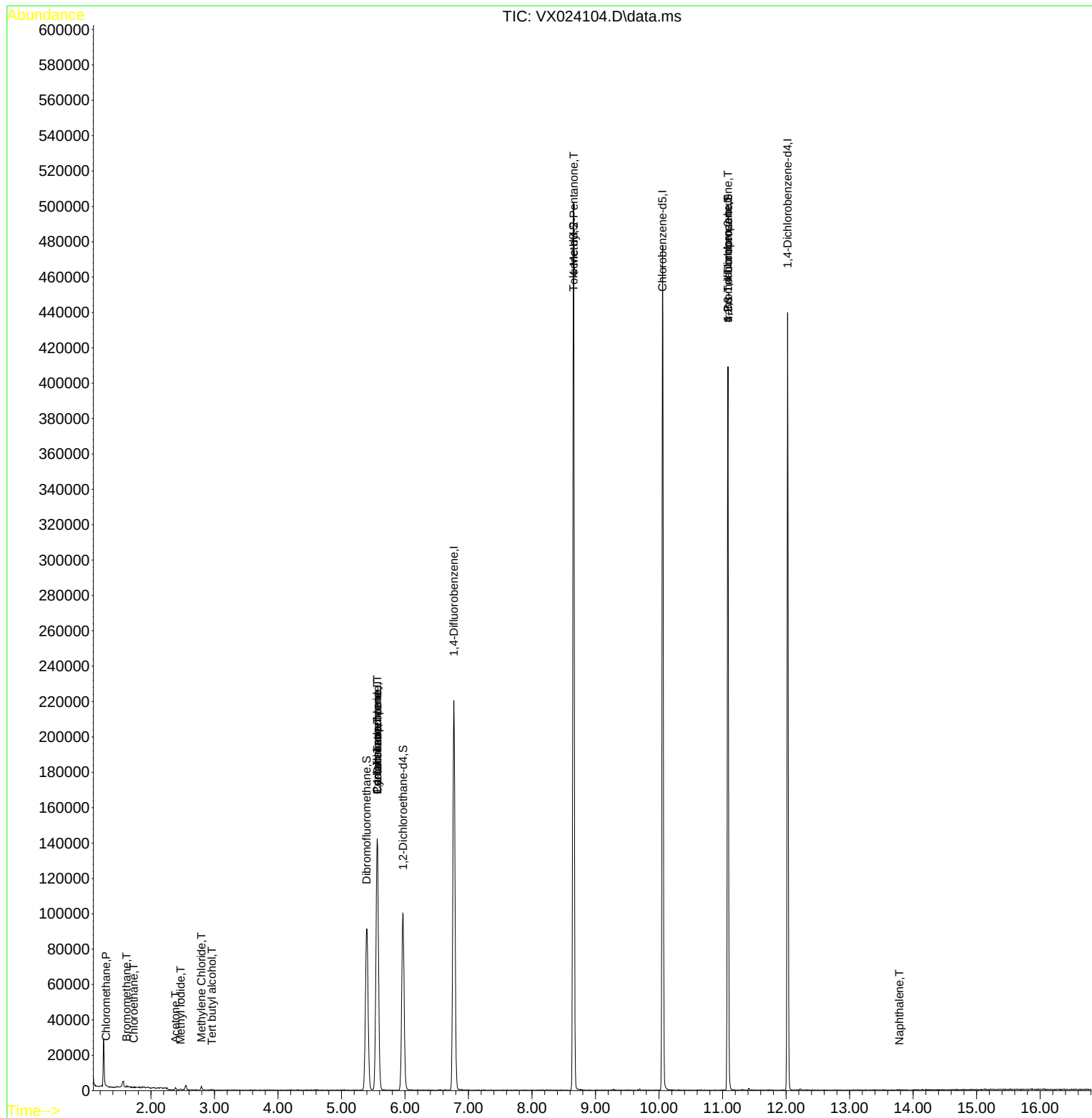
Internal Standards						
1) Pentafluorobenzene	5.562	168	131205	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	216368	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	205482	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	85467	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	102074	55.741	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 111.480%	
35) Dibromofluoromethane	5.397	113	78896	55.092	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 110.180%	
50) Toluene-d8	8.653	98	282637	51.854	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 103.700%	
62) 4-Bromofluorobenzene	11.085	95	100232	49.953	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 99.900%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	444	0.292	ug/l	93
5) Bromomethane	1.618	94	570	0.612	ug/l	86
6) Chloroethane	1.727	64	95	2.291	ug/l #	43
10) Methyl Iodide	2.465	142	637	0.347	ug/l #	87
11) Tert butyl alcohol	2.959	59	299	0.807	ug/l #	73
16) Acetone	2.386	43	1232	1.505	ug/l #	83
20) Methylene Chloride	2.794	84	753	0.481	ug/l #	86
31) Cyclohexane	5.562	56	2925	1.243	ug/l #	49
36) 1,1-Dichloropropene	5.562	75	10466	5.223	ug/l #	45
38) Carbon Tetrachloride	5.562	117	13933	6.668	ug/l #	15
51) 4-Methyl-2-Pentanone	8.659	43	1467	0.589	ug/l #	1
76) 1,2,3-Trichloropropane	11.085	75	54821	27.497	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	54821	80.883	ug/l #	12
95) Naphthalene	13.786	128	75	1.294	ug/l #	69

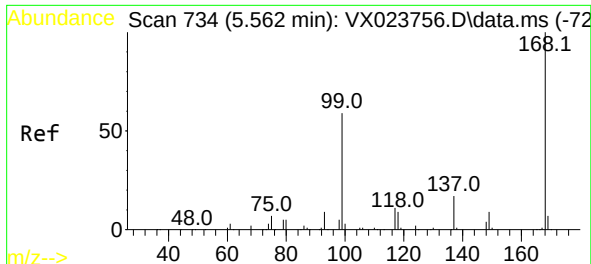
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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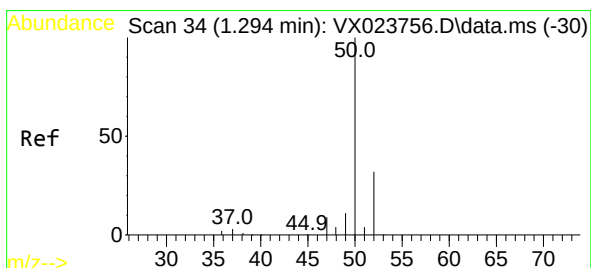
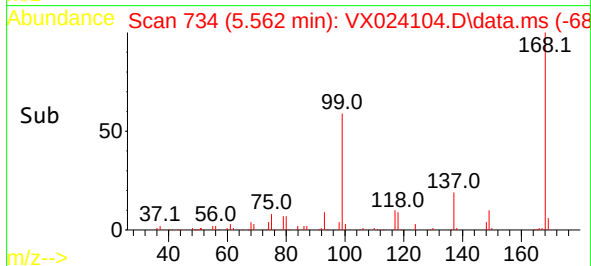
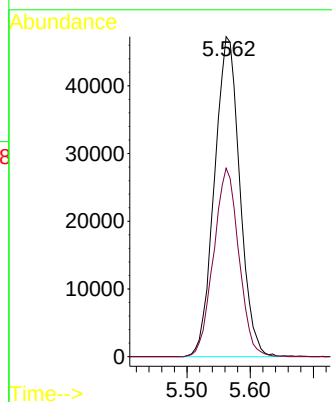
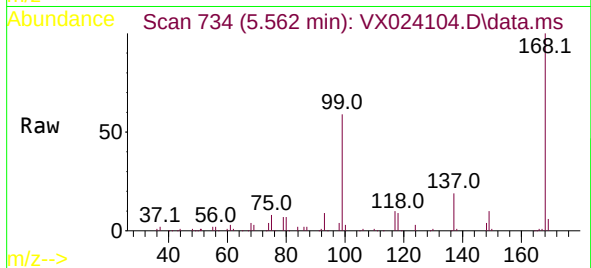




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX024104.D
Acq: 03 Sep 2021 15:52

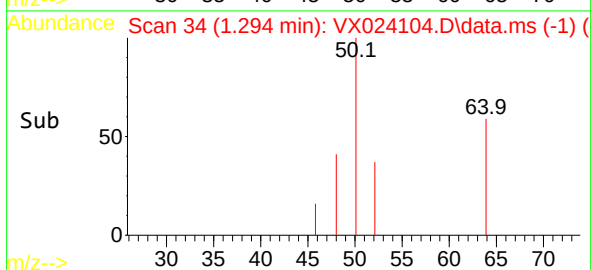
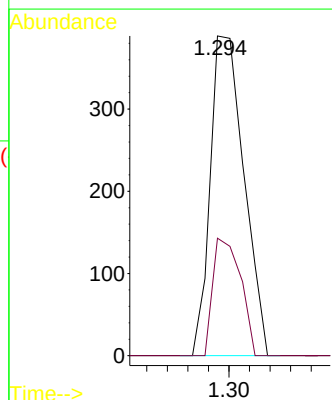
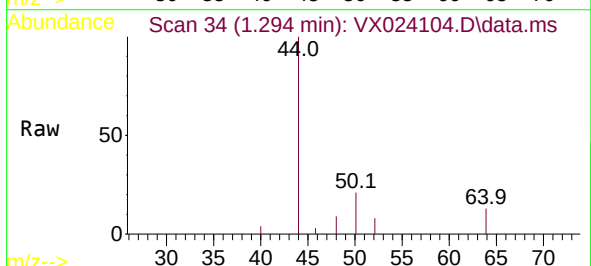
Instrument :
MSVOA_X
ClientSampled :

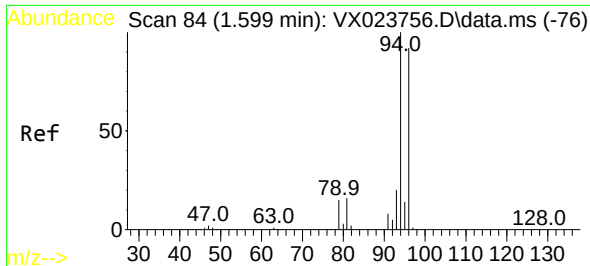
Tgt Ion:168 Resp: 131205
Ion Ratio Lower Upper
168 100
99 58.9 45.8 68.6



#3
Chloromethane
Concen: 0.292 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX024104.D
Acq: 03 Sep 2021 15:52

Tgt Ion: 50 Resp: 444
Ion Ratio Lower Upper
50 100
52 36.8 26.4 39.6

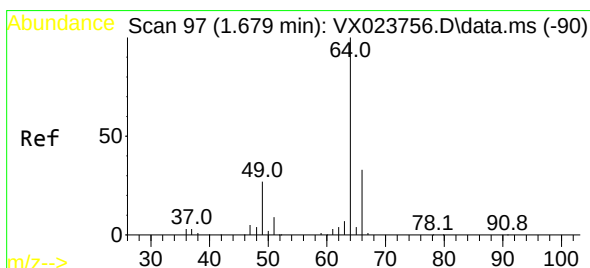
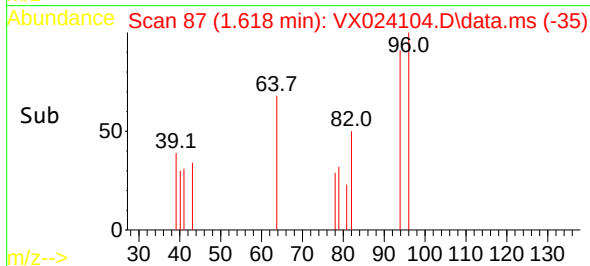
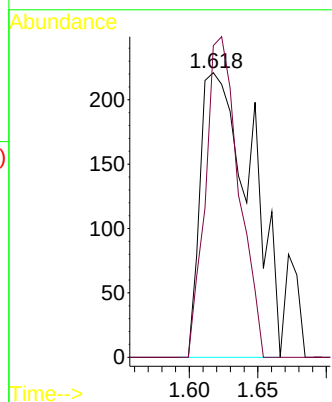
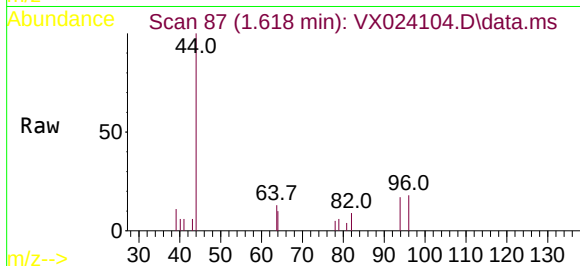




#5
Bromomethane
Concen: 0.612 ug/l
RT: 1.618 min Scan# 87
Delta R.T. 0.019 min
Lab File: VX024104.D
Acq: 03 Sep 2021 15:52

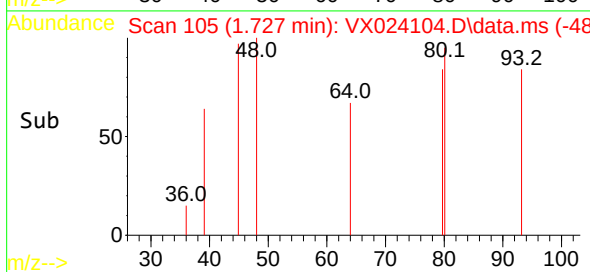
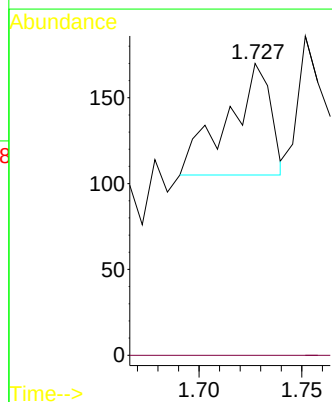
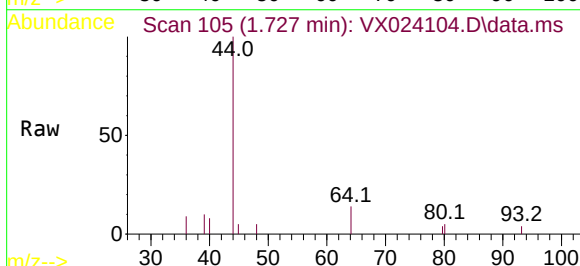
Instrument :
MSVOA_X
ClientSampled :

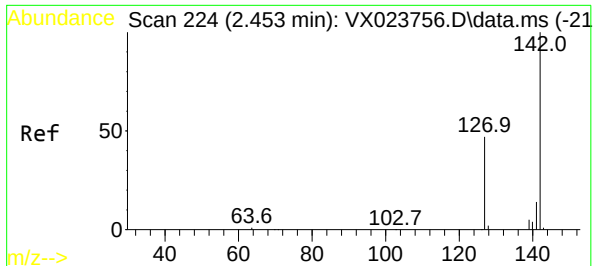
Tgt Ion: 94 Resp: 570
Ion Ratio Lower Upper
94 100
96 109.5 76.4 114.6



#6
Chloroethane
Concen: 2.291 ug/l
RT: 1.727 min Scan# 105
Delta R.T. 0.048 min
Lab File: VX024104.D
Acq: 03 Sep 2021 15:52

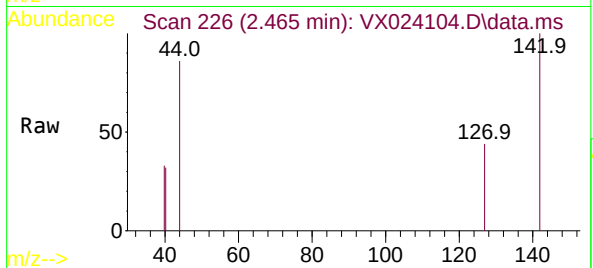
Tgt Ion: 64 Resp: 95
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



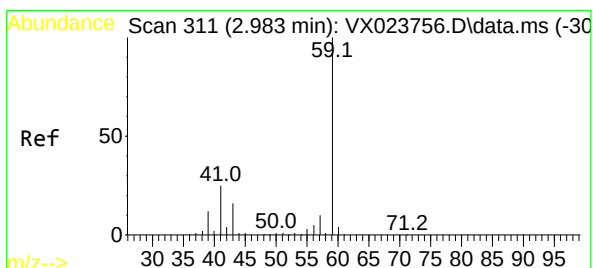
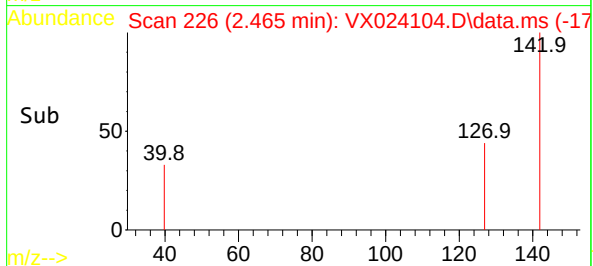
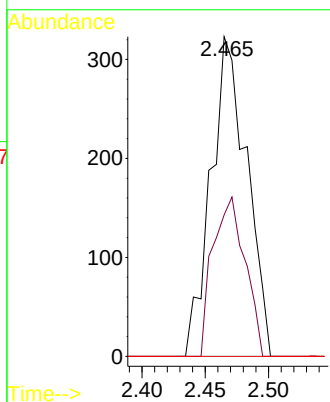


#10
Methyl Iodide
Concen: 0.347 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.012 min
Lab File: VX024104.D
Acq: 03 Sep 2021 15:52

Instrument :
MSVOA_X
ClientSampled :

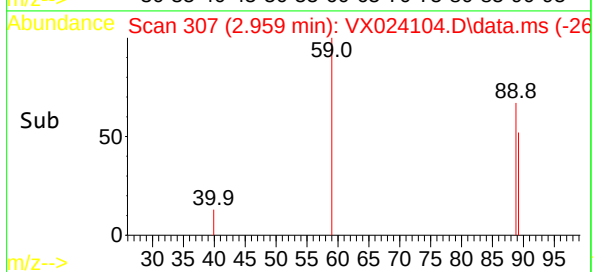
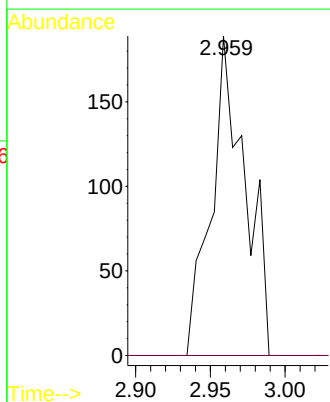
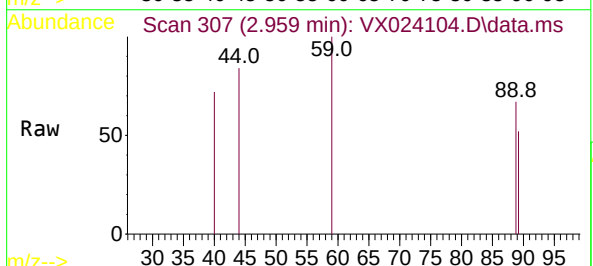


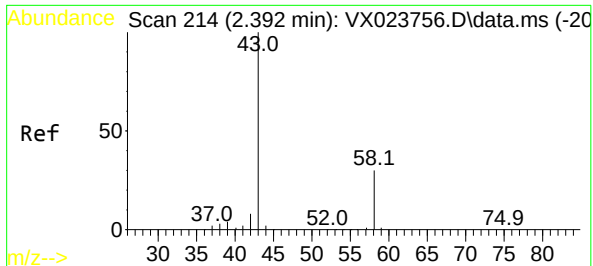
Tgt Ion:142 Resp: 637
Ion Ratio Lower Upper
142 100
127 44.7 33.3 49.9
141 0.0 11.4 17.0#



#11
Tert butyl alcohol
Concen: 0.807 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.024 min
Lab File: VX024104.D
Acq: 03 Sep 2021 15:52

Tgt Ion: 59 Resp: 299
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

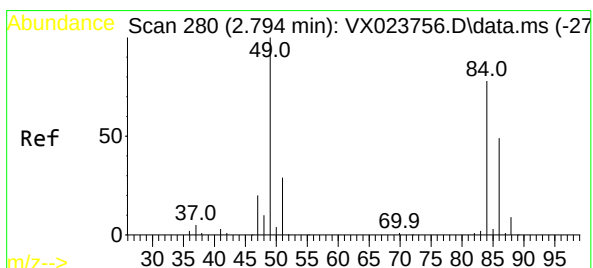
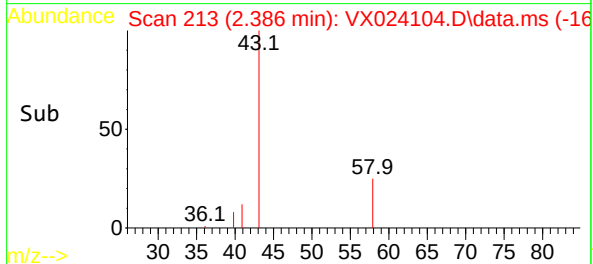
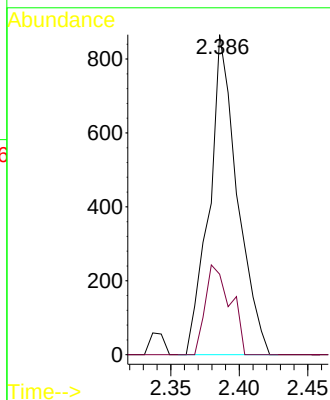
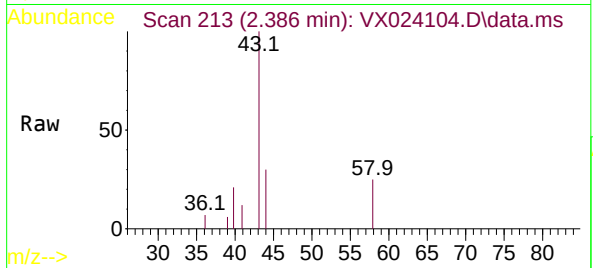




#16
Acetone
Concen: 1.505 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX024104.D
Acq: 03 Sep 2021 15:52

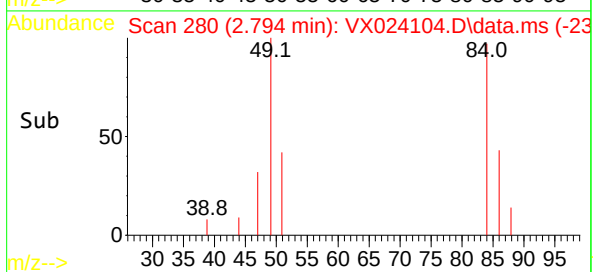
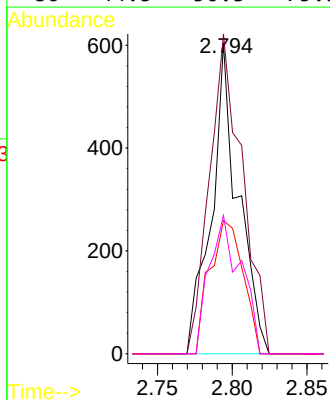
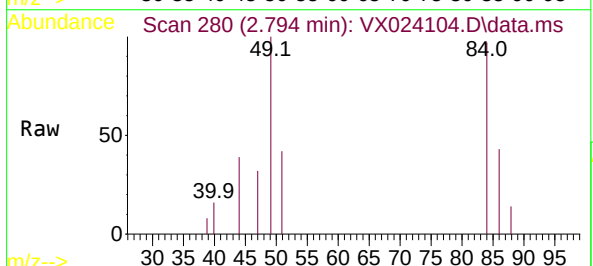
Instrument :
MSVOA_X
ClientSampled :

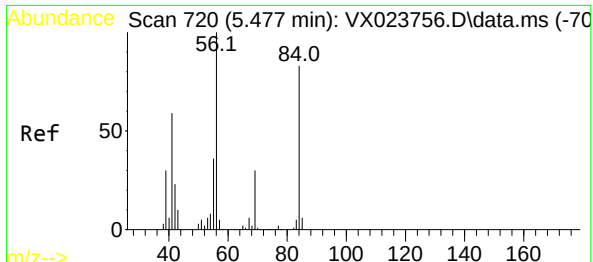
Tgt Ion: 43 Resp: 1232
Ion Ratio Lower Upper
43 100
58 25.2 27.8 41.8#



#20
Methylene Chloride
Concen: 0.481 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX024104.D
Acq: 03 Sep 2021 15:52

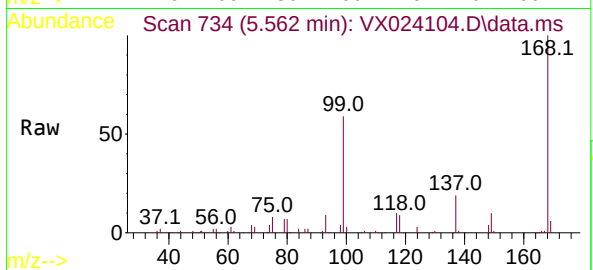
Tgt Ion: 84 Resp: 753
Ion Ratio Lower Upper
84 100
49 102.8 88.6 132.8
51 42.8 27.0 40.6#
86 44.5 50.3 75.5#



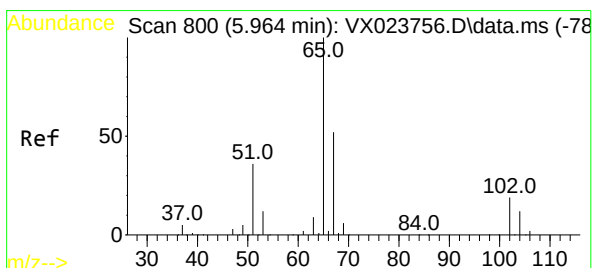
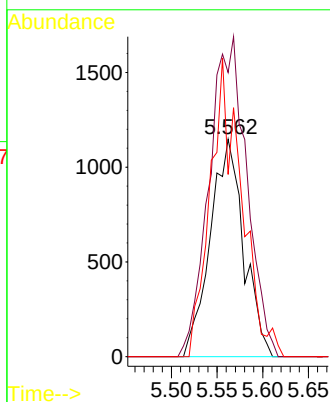
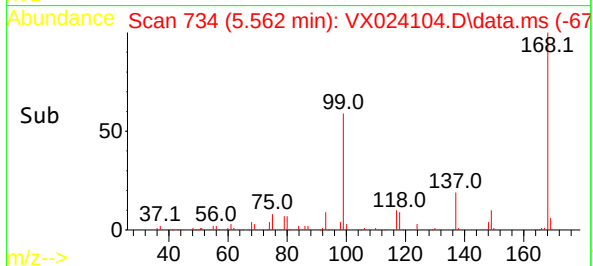


#31
Cyclohexane
Concen: 1.243 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.085 min
Lab File: VX024104.D
Acq: 03 Sep 2021 15:52

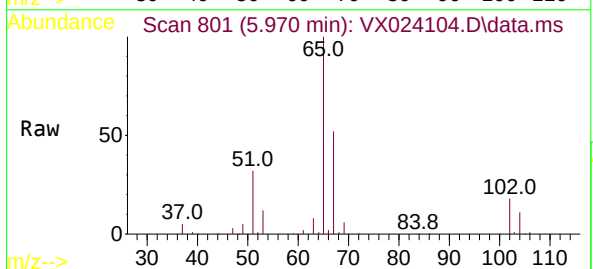
Instrument :
MSVOA_X
ClientSampled :



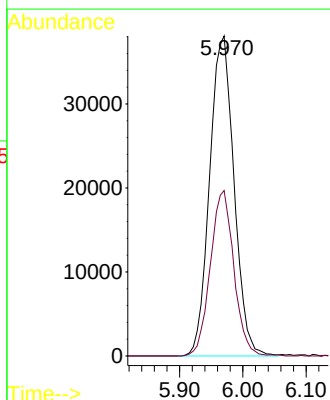
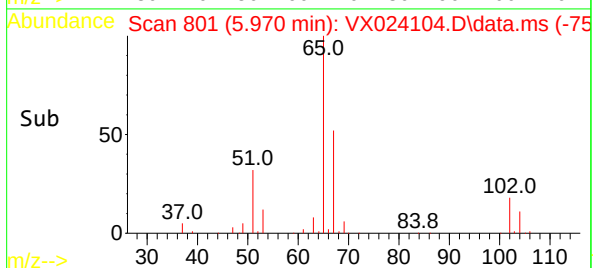
Tgt Ion: 56 Resp: 2925
Ion Ratio Lower Upper
56 100
69 130.7 25.3 37.9#
84 83.8 71.4 107.0

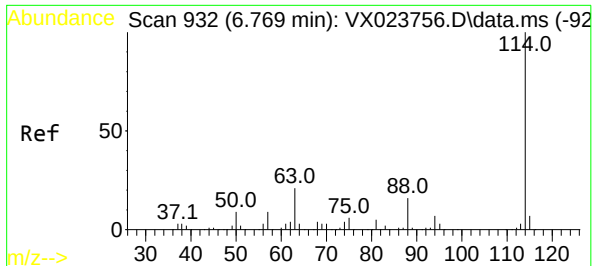


#33
1,2-Dichloroethane-d4
Concen: 55.741 ug/l
RT: 5.970 min Scan# 801
Delta R.T. 0.006 min
Lab File: VX024104.D
Acq: 03 Sep 2021 15:52



Tgt Ion: 65 Resp: 102074
Ion Ratio Lower Upper
65 100
67 49.8 0.0 105.4

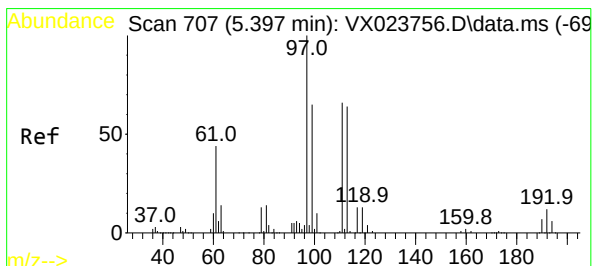
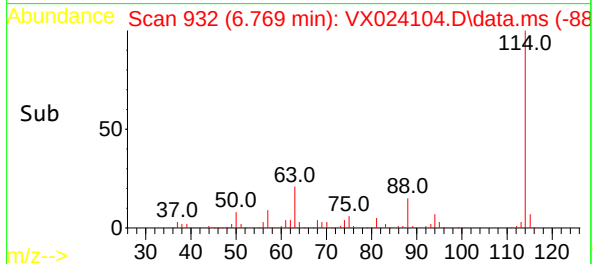
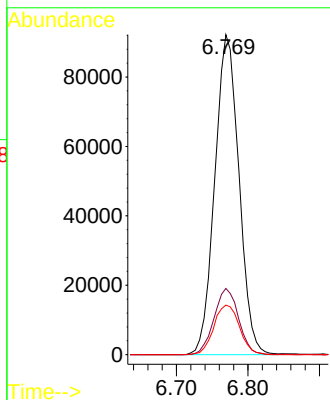
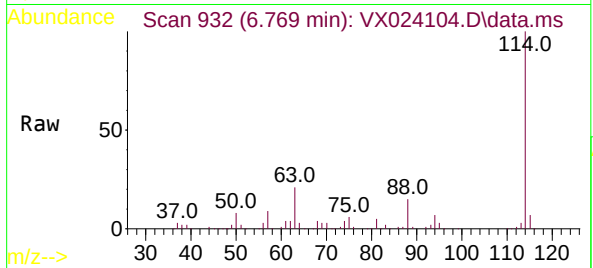




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX024104.D
Acq: 03 Sep 2021 15:52

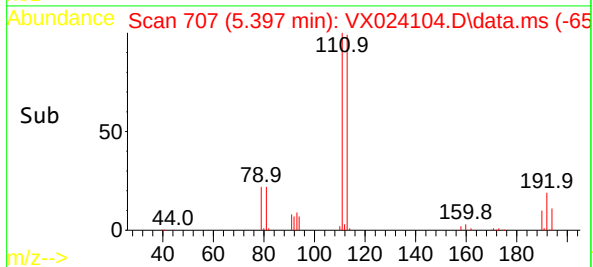
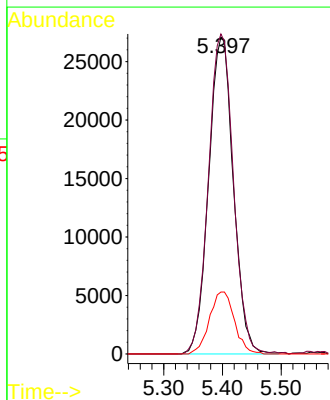
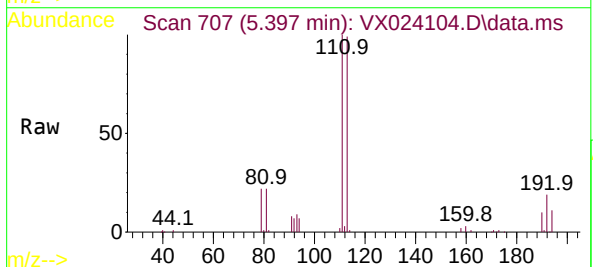
Instrument :
MSVOA_X
ClientSampled :

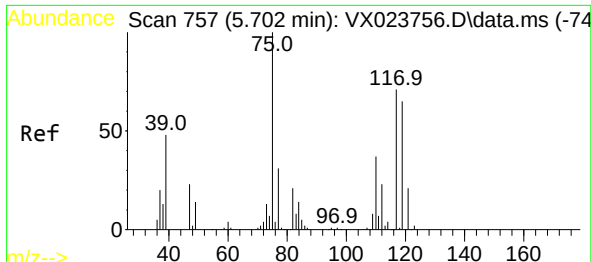
Tgt Ion:114 Resp: 216368
Ion Ratio Lower Upper
114 100
63 20.7 0.0 40.8
88 15.5 0.0 32.8



#35
Dibromofluoromethane
Concen: 55.092 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX024104.D
Acq: 03 Sep 2021 15:52

Tgt Ion:113 Resp: 78896
Ion Ratio Lower Upper
113 100
111 102.3 81.9 122.9
192 19.8 16.7 25.1

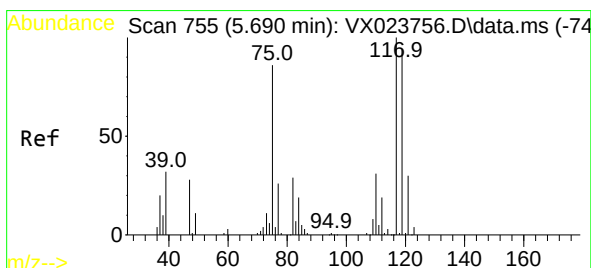
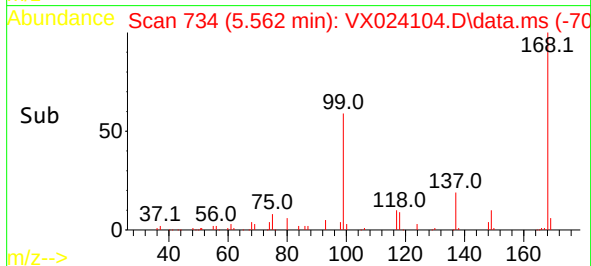
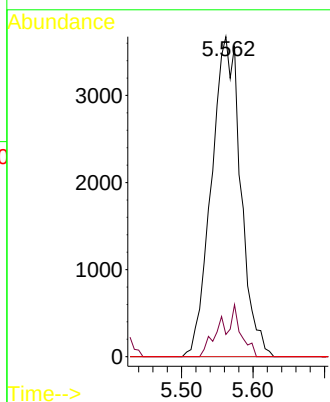
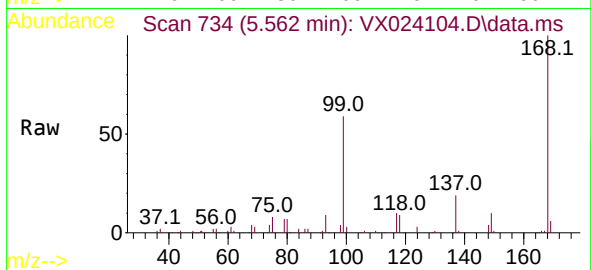




#36
1,1-Dichloropropene
Concen: 5.223 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX024104.D
Acq: 03 Sep 2021 15:52

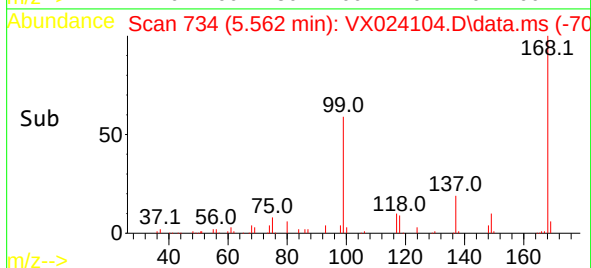
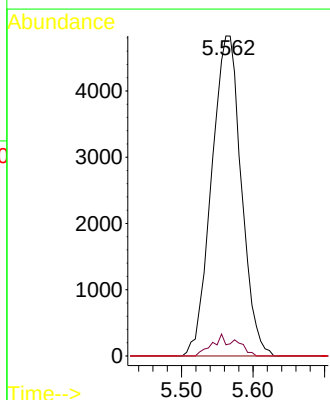
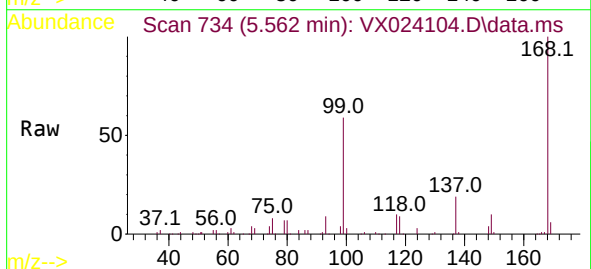
Instrument :
MSVOA_X
ClientSampled :

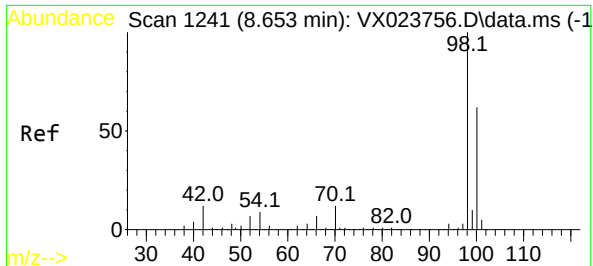
Tgt Ion: 75 Resp: 10466
Ion Ratio Lower Upper
75 100
110 5.2 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.668 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX024104.D
Acq: 03 Sep 2021 15:52

Tgt Ion: 117 Resp: 13933
Ion Ratio Lower Upper
117 100
119 3.5 76.2 114.2#
121 0.0 24.8 37.2#

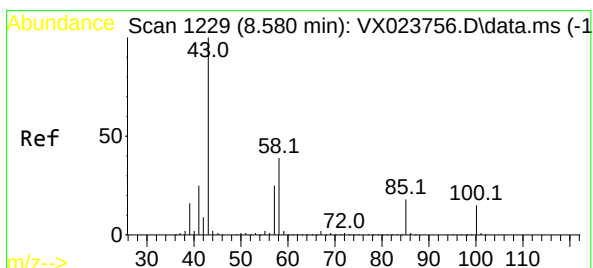
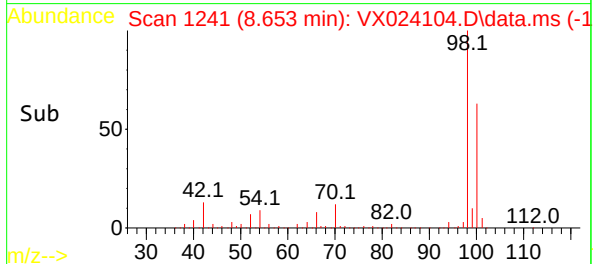
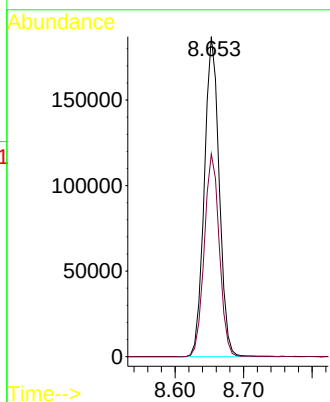
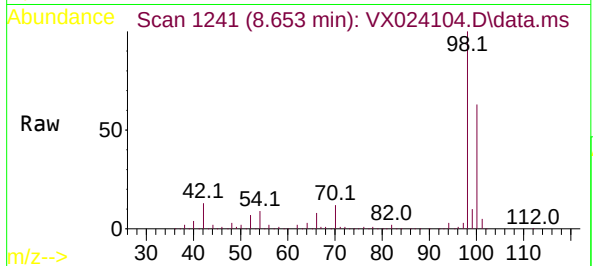




#50
Toluene-d8
Concen: 51.854 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024104.D
Acq: 03 Sep 2021 15:52

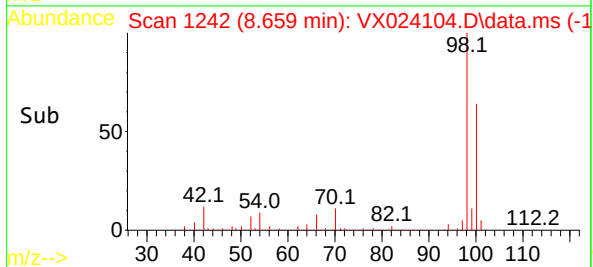
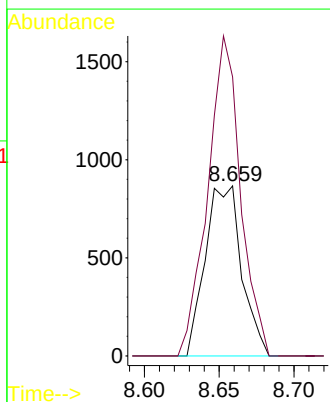
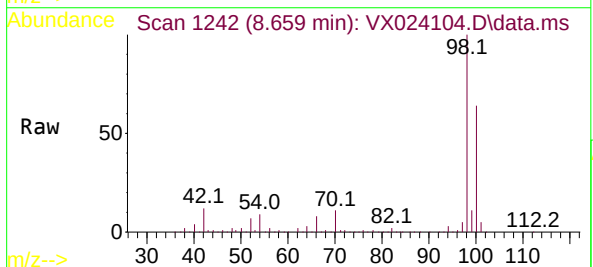
Instrument :
MSVOA_X
ClientSampled :

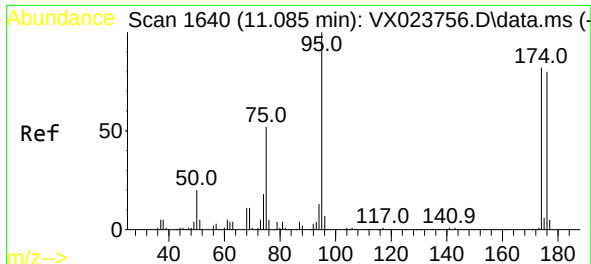
Tgt Ion: 98 Resp: 282637
Ion Ratio Lower Upper
98 100
100 64.0 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.589 ug/l
RT: 8.659 min Scan# 1242
Delta R.T. 0.079 min
Lab File: VX024104.D
Acq: 03 Sep 2021 15:52

Tgt Ion: 43 Resp: 1467
Ion Ratio Lower Upper
43 100
58 169.7 35.4 53.0#

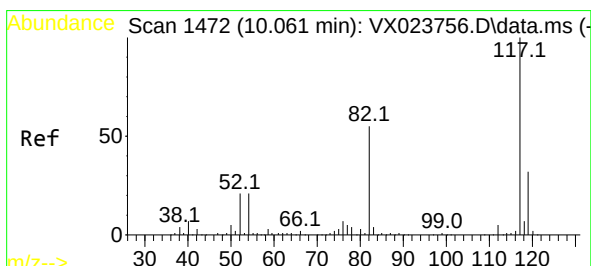
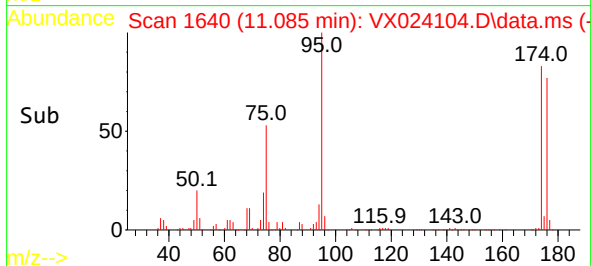
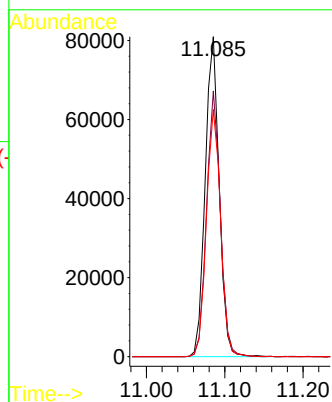
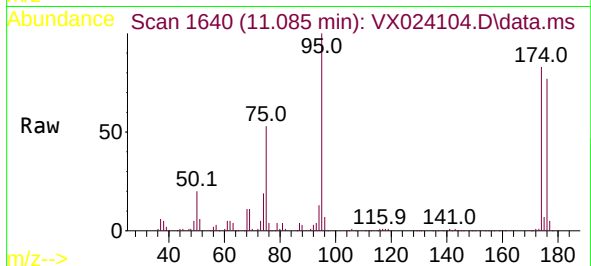




#62
4-Bromofluorobenzene
Concen: 49.953 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024104.D
Acq: 03 Sep 2021 15:52

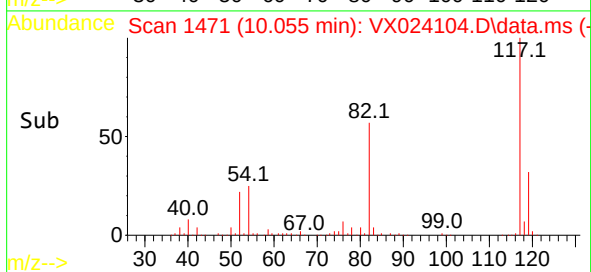
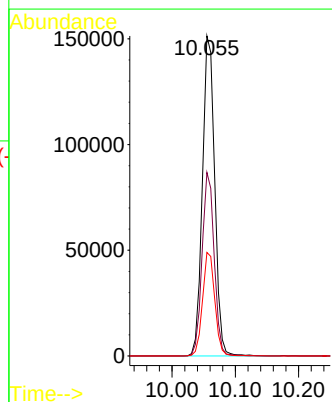
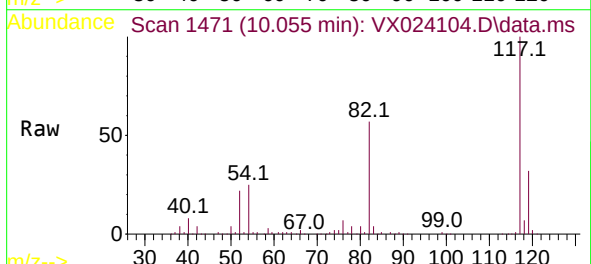
Instrument :
MSVOA_X
ClientSampled :

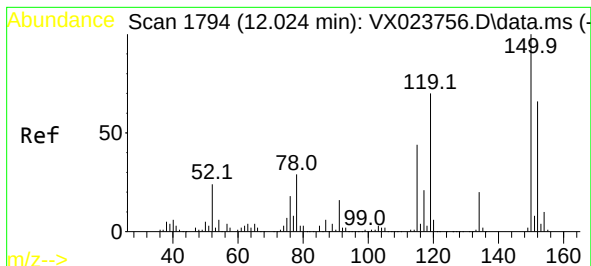
Tgt Ion: 95 Resp: 100232
Ion Ratio Lower Upper
95 100
174 82.0 0.0 154.6
176 78.2 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX024104.D
Acq: 03 Sep 2021 15:52

Tgt Ion: 117 Resp: 205482
Ion Ratio Lower Upper
117 100
82 57.3 47.4 71.2
119 32.3 26.6 39.8

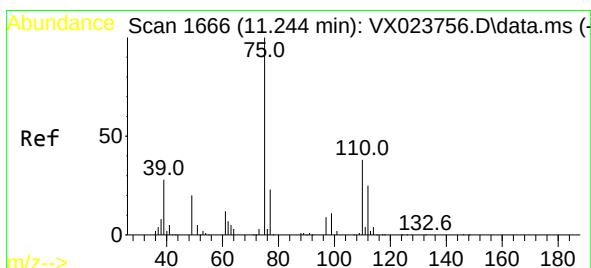
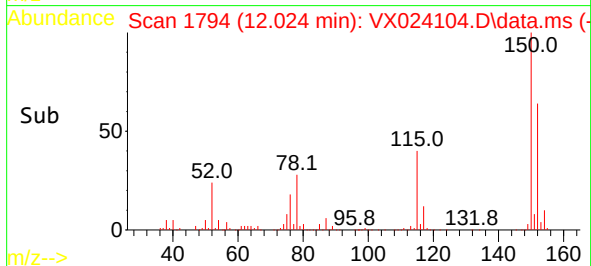
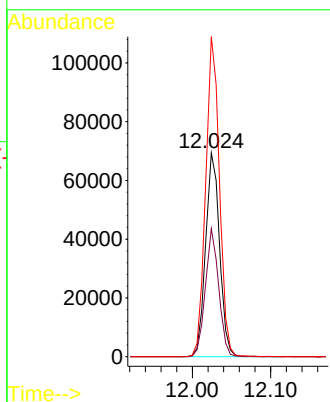
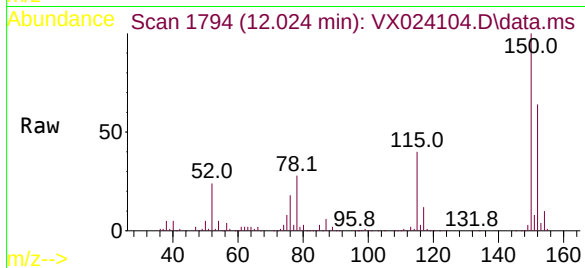




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX024104.D
 Acq: 03 Sep 2021 15:52

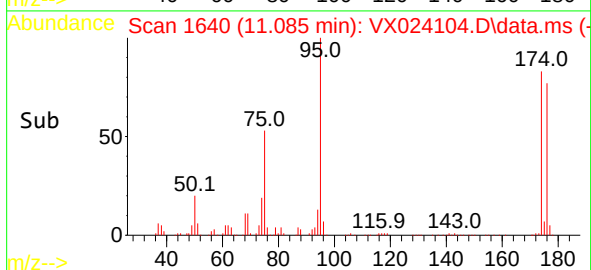
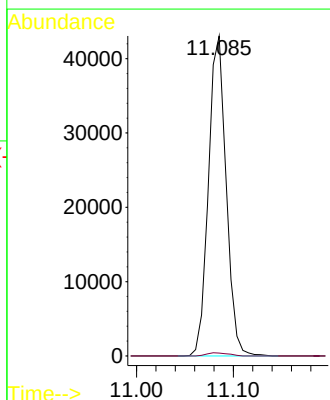
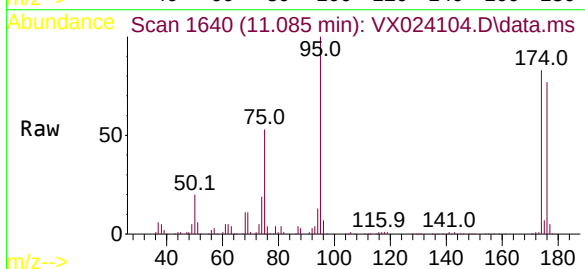
Instrument :
 MSVOA_X
 ClientSampled :

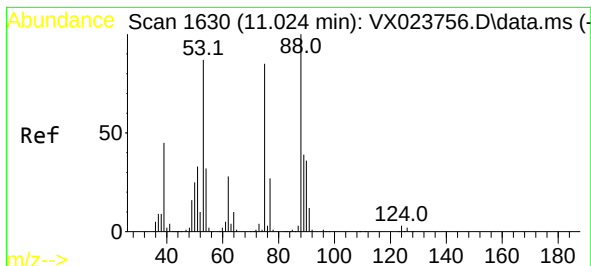
Tgt Ion:152 Resp: 85467
 Ion Ratio Lower Upper
 152 100
 115 60.0 41.1 123.3
 150 154.9 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 27.497 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX024104.D
 Acq: 03 Sep 2021 15:52

Tgt Ion: 75 Resp: 54821
 Ion Ratio Lower Upper
 75 100
 77 1.2 19.1 57.5#

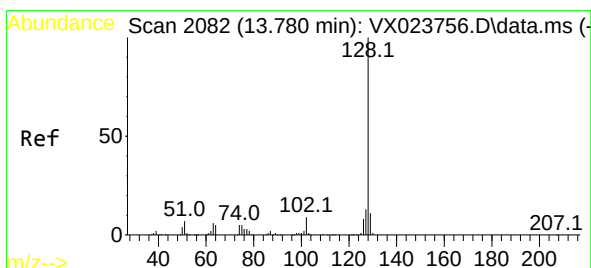
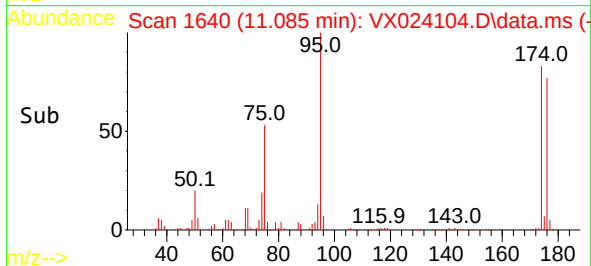
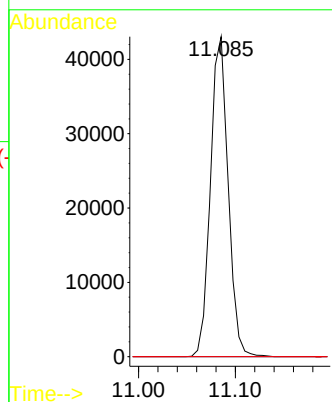
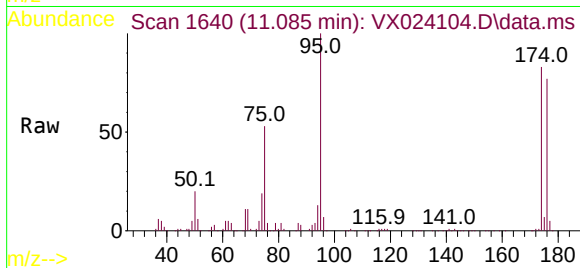




#81
trans-1,4-Dichloro-2-butene
Concen: 80.883 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX024104.D
Acq: 03 Sep 2021 15:52

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 75 Resp: 54821
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#



#95
Naphthalene
Concen: 1.294 ug/l
RT: 13.786 min Scan# 2083
Delta R.T. 0.006 min
Lab File: VX024104.D
Acq: 03 Sep 2021 15:52

Tgt Ion: 128 Resp: 75
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

