

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090321\
 Data File : VX024105.D
 Acq On : 03 Sep 2021 16:16
 Operator : JC/MD
 Sample : M3653-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 04 01:30:33 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)

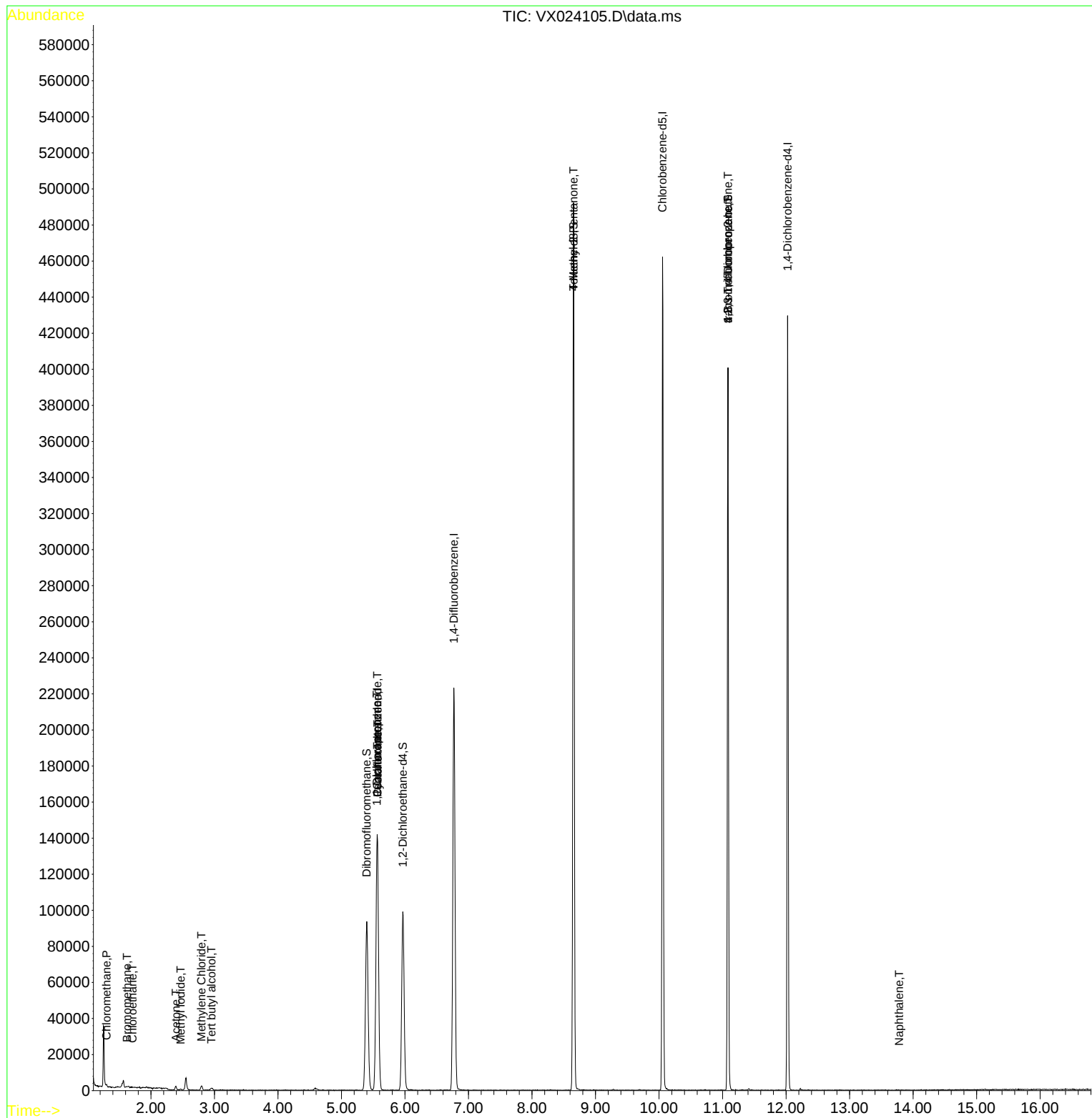
Internal Standards						
1) Pentafluorobenzene	5.568	168	134077	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	221480	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	204958	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	84772	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	100763	53.847	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 107.700%			
35) Dibromofluoromethane	5.397	113	78247	53.377	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.760%			
50) Toluene-d8	8.653	98	279911	50.169	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.340%			
62) 4-Bromofluorobenzene	11.085	95	96983	47.219	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 94.440%			
Target Compounds						Qvalue
3) Chloromethane	1.300	50	732	0.471	ug/l #	81
5) Bromomethane	1.623	94	553	0.581	ug/l #	66
6) Chloroethane	1.709	64	290	2.436	ug/l #	43
10) Methyl Iodide	2.465	142	503	0.268	ug/l	90
11) Tert butyl alcohol	2.952	59	918	2.426	ug/l #	73
16) Acetone	2.392	43	2303	2.752	ug/l	94
20) Methylene Chloride	2.794	84	1100	0.688	ug/l #	88
31) Cyclohexane	5.568	56	3137	1.305	ug/l #	50
36) 1,1-Dichloropropene	5.556	75	10544	5.141	ug/l #	50
38) Carbon Tetrachloride	5.562	117	14013	6.552	ug/l #	15
51) 4-Methyl-2-Pentanone	8.653	43	1338	0.525	ug/l #	1
76) 1,2,3-Trichloropropane	11.085	75	53734	27.173	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	53734	79.929	ug/l #	12
95) Naphthalene	13.780	128	56	1.291	ug/l #	69

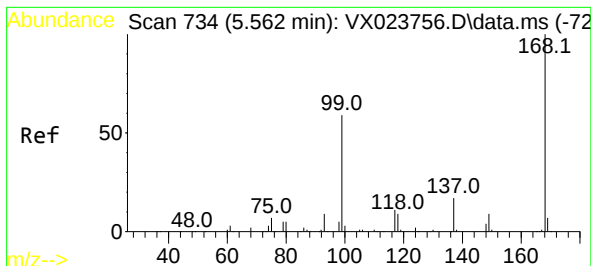
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Aug 17 11:57:51 2021
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.568 min Scan# 735

Delta R.T. 0.006 min

Lab File: VX024105.D

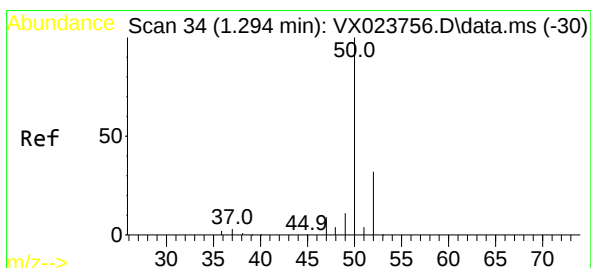
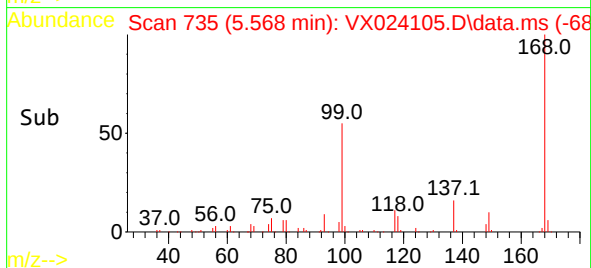
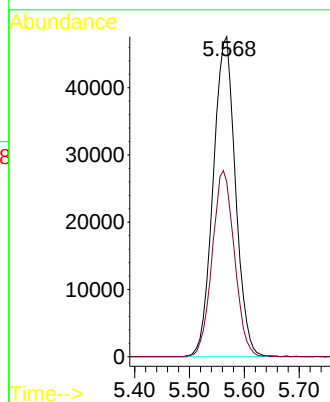
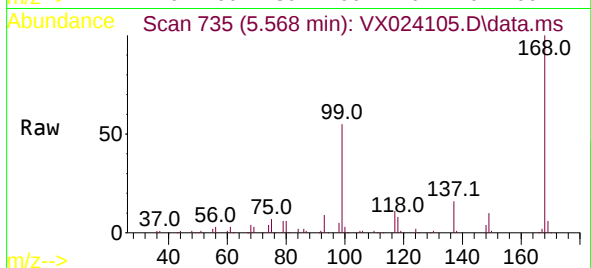
Acq: 03 Sep 2021 16:16

Tgt Ion: 168 Resp: 134077

Ion Ratio Lower Upper

168 100

99 54.6 45.8 68.6



#3

Chloromethane

Concen: 0.471 ug/l

RT: 1.300 min Scan# 35

Delta R.T. 0.006 min

Lab File: VX024105.D

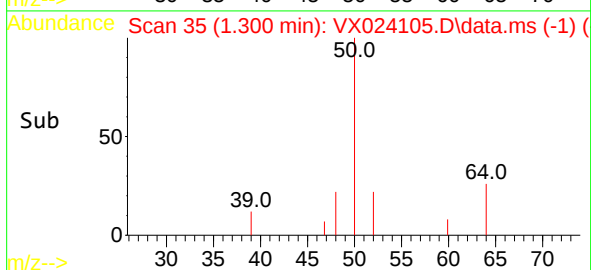
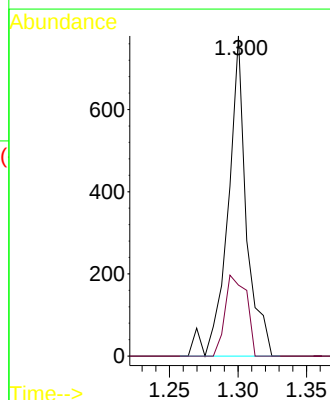
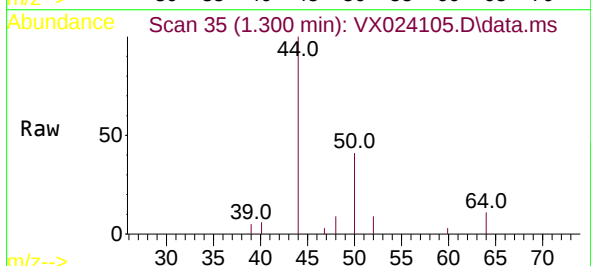
Acq: 03 Sep 2021 16:16

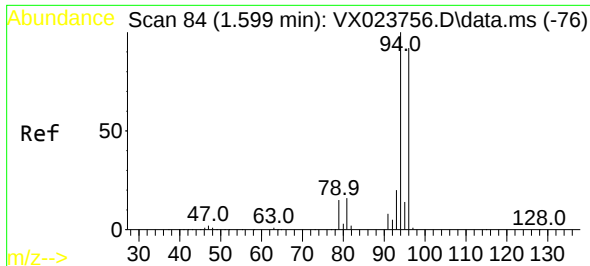
Tgt Ion: 50 Resp: 732

Ion Ratio Lower Upper

50 100

52 22.2 26.4 39.6#

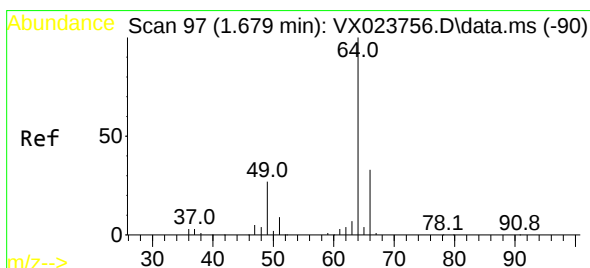
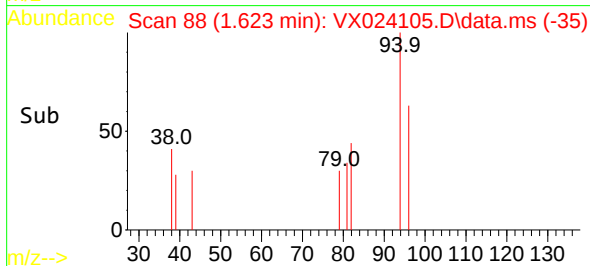
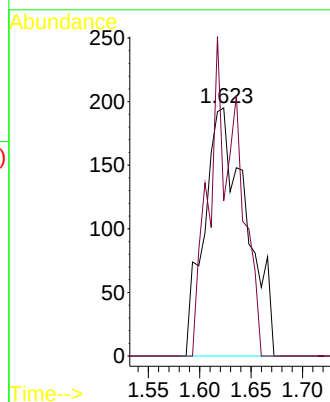
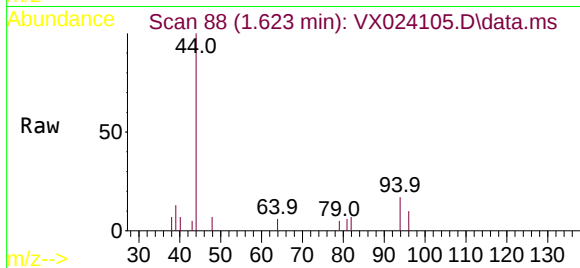




#5
Bromomethane
Concen: 0.581 ug/l
RT: 1.623 min Scan# 88
Delta R.T. 0.024 min
Lab File: VX024105.D
Acq: 03 Sep 2021 16:16

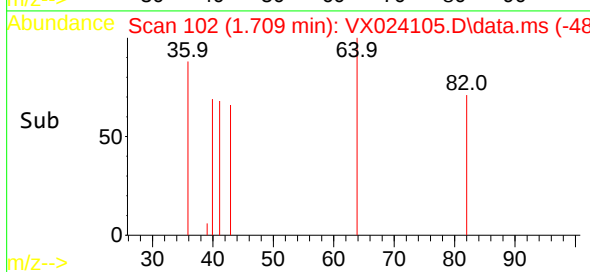
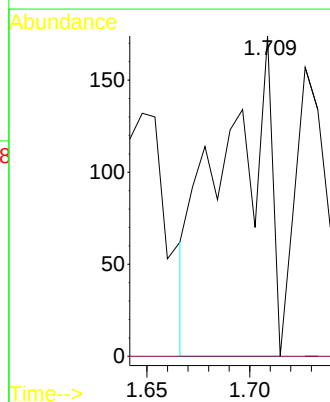
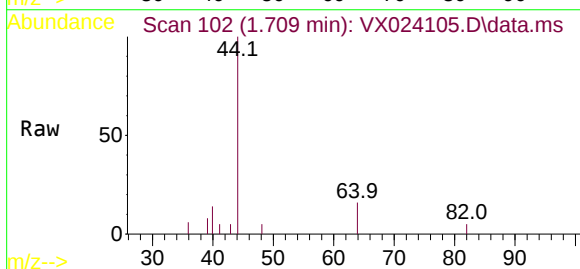
Instrument :
MSVOA_X
ClientSampled :

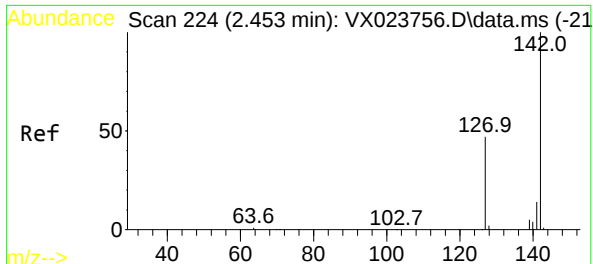
Tgt Ion: 94 Resp: 553
Ion Ratio Lower Upper
94 100
96 62.6 76.4 114.6#



#6
Chloroethane
Concen: 2.436 ug/l
RT: 1.709 min Scan# 102
Delta R.T. 0.030 min
Lab File: VX024105.D
Acq: 03 Sep 2021 16:16

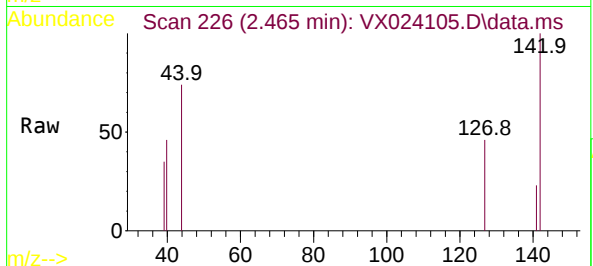
Tgt Ion: 64 Resp: 290
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



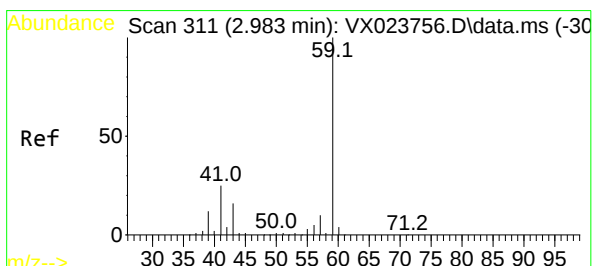
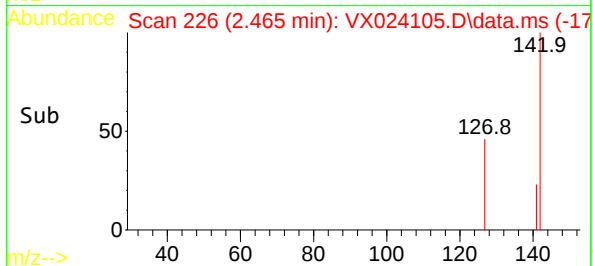
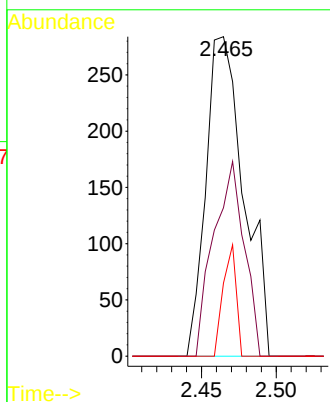


#10
Methyl Iodide
Concen: 0.268 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.012 min
Lab File: VX024105.D
Acq: 03 Sep 2021 16:16

Instrument :
MSVOA_X
ClientSampled :

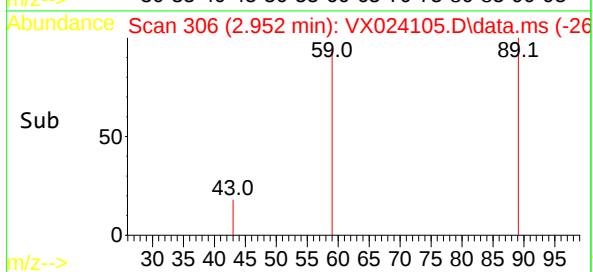
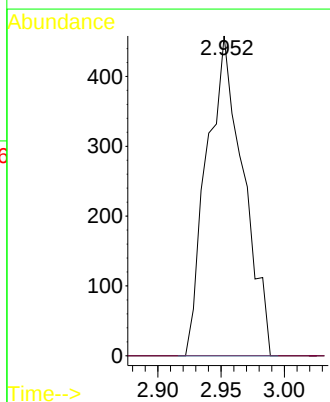
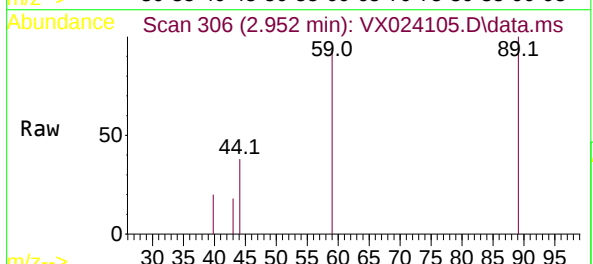


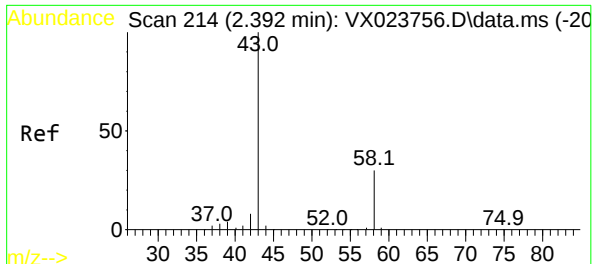
Tgt Ion:142 Resp: 503
Ion Ratio Lower Upper
142 100
127 48.7 33.3 49.9
141 11.9 11.4 17.0



#11
Tert butyl alcohol
Concen: 2.426 ug/l
RT: 2.952 min Scan# 306
Delta R.T. -0.031 min
Lab File: VX024105.D
Acq: 03 Sep 2021 16:16

Tgt Ion: 59 Resp: 918
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

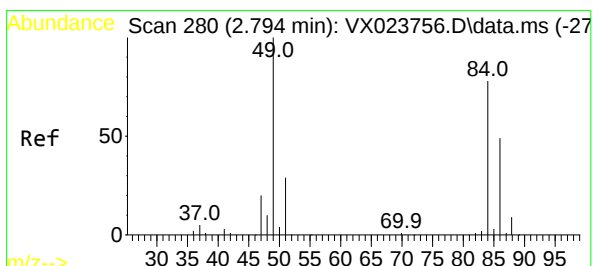
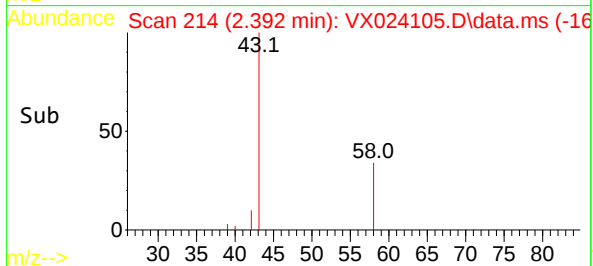
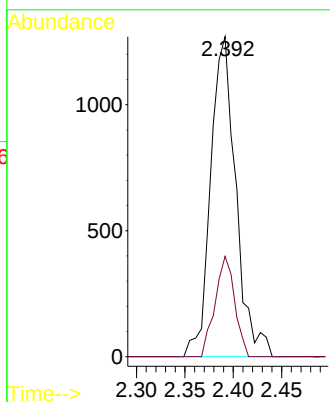
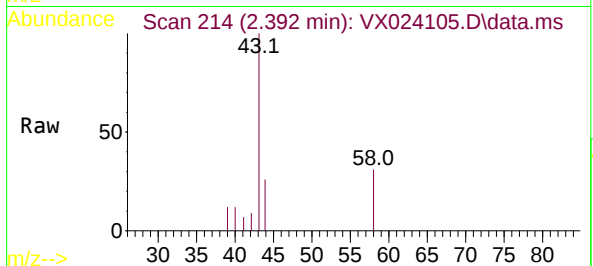




#16
Acetone
Concen: 2.752 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX024105.D
Acq: 03 Sep 2021 16:16

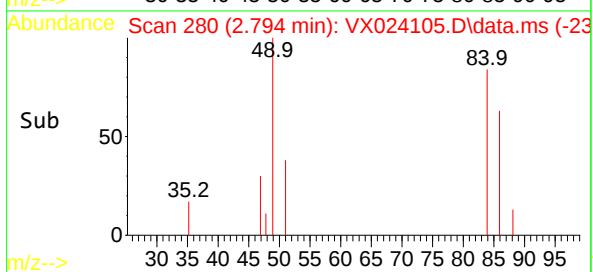
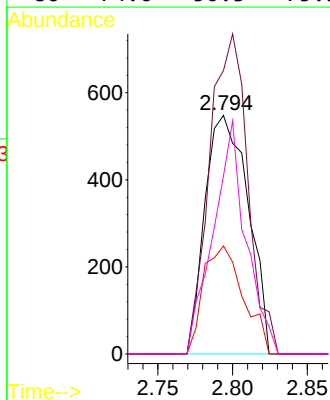
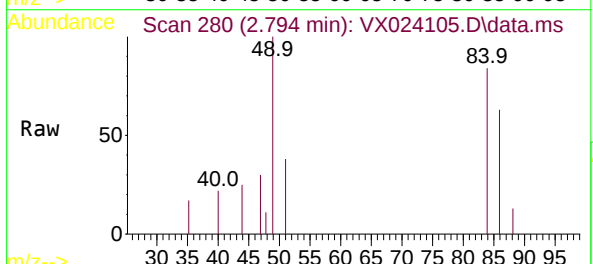
Instrument :
MSVOA_X
ClientSampled :

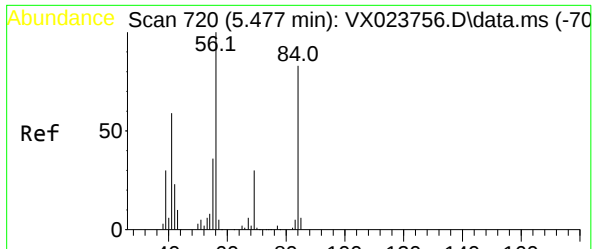
Tgt Ion: 43 Resp: 2303
Ion Ratio Lower Upper
43 100
58 31.3 27.8 41.8



#20
Methylene Chloride
Concen: 0.688 ug/l
RT: 2.794 min Scan# 280
Delta R.T. -0.000 min
Lab File: VX024105.D
Acq: 03 Sep 2021 16:16

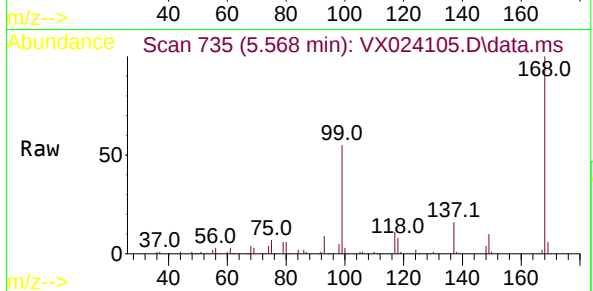
Tgt Ion: 84 Resp: 1100
Ion Ratio Lower Upper
84 100
49 118.8 88.6 132.8
51 45.3 27.0 40.6#
86 74.6 50.3 75.5



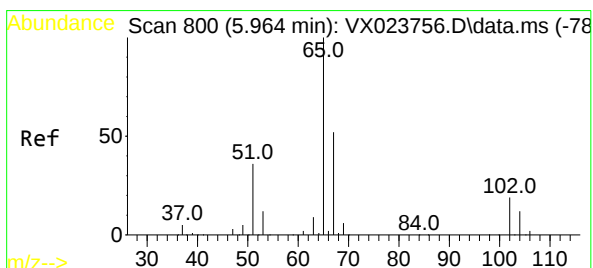
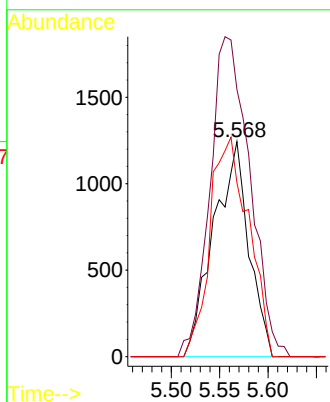
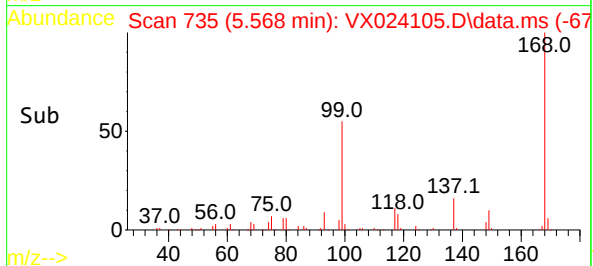


#31
Cyclohexane
Concen: 1.305 ug/l
RT: 5.568 min Scan# 735
Delta R.T. 0.091 min
Lab File: VX024105.D
Acq: 03 Sep 2021 16:16

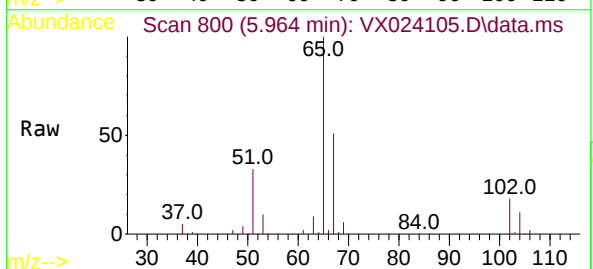
Instrument :
MSVOA_X
ClientSampleId :



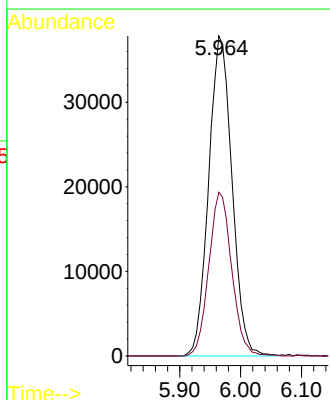
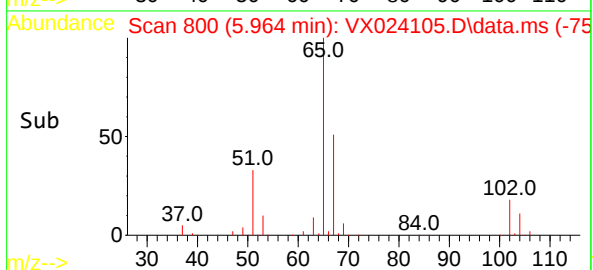
Tgt Ion: 56 Resp: 3137
Ion Ratio Lower Upper
56 100
69 124.3 25.3 37.9#
84 80.9 71.4 107.0

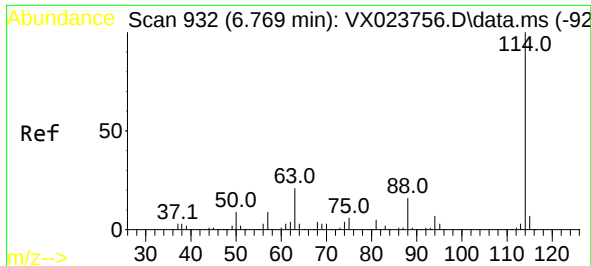


#33
1,2-Dichloroethane-d4
Concen: 53.847 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX024105.D
Acq: 03 Sep 2021 16:16



Tgt Ion: 65 Resp: 100763
Ion Ratio Lower Upper
65 100
67 50.1 0.0 105.4

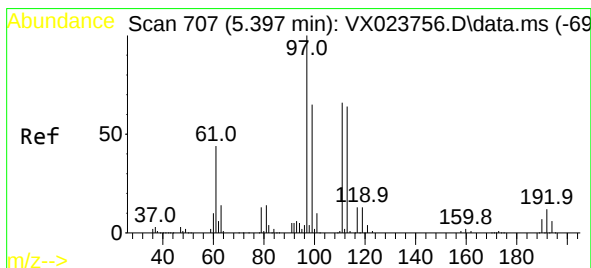
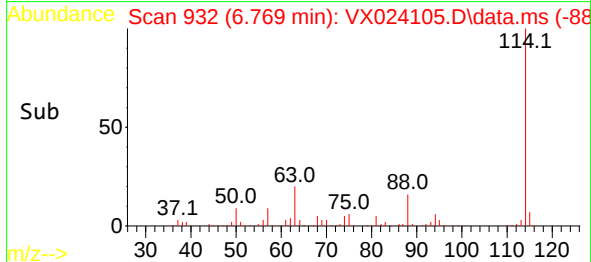
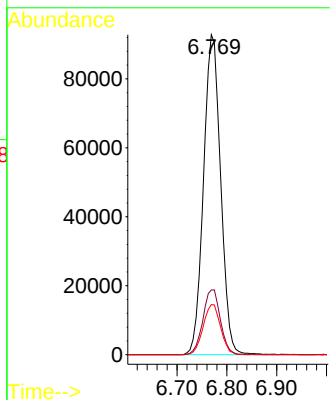
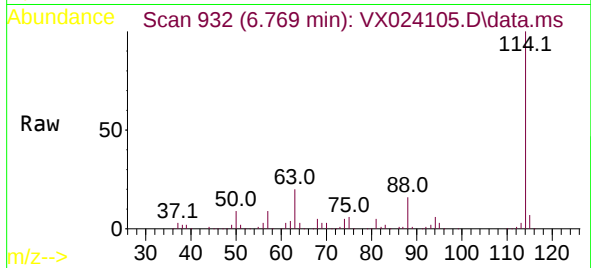




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX024105.D
Acq: 03 Sep 2021 16:16

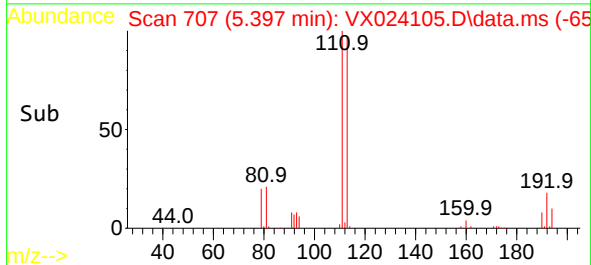
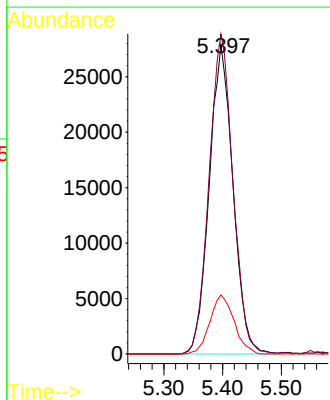
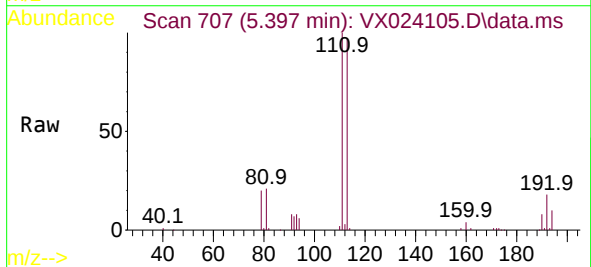
Instrument :
MSVOA_X
ClientSampled :

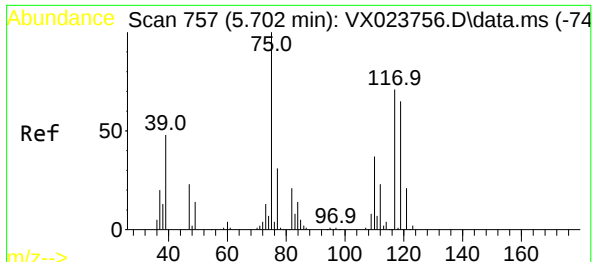
Tgt Ion:114 Resp: 221480
Ion Ratio Lower Upper
114 100
63 20.2 0.0 40.8
88 15.7 0.0 32.8



#35
Dibromofluoromethane
Concen: 53.377 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX024105.D
Acq: 03 Sep 2021 16:16

Tgt Ion:113 Resp: 78247
Ion Ratio Lower Upper
113 100
111 103.9 81.9 122.9
192 19.4 16.7 25.1

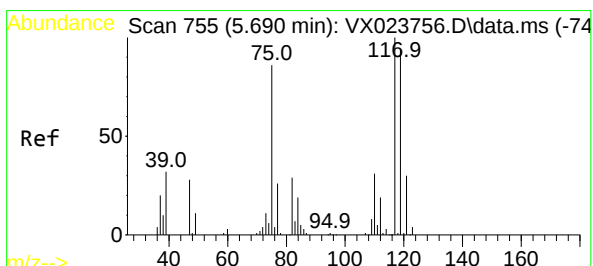
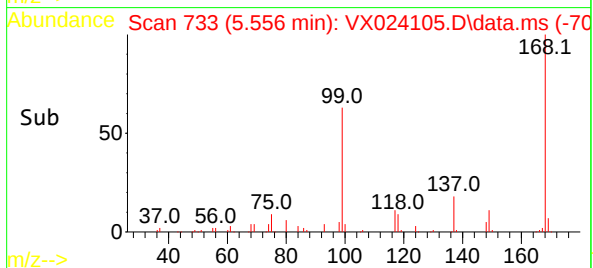
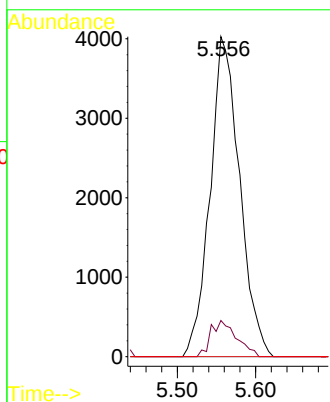
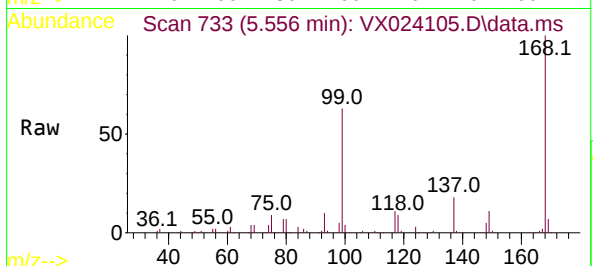




#36
1,1-Dichloropropene
Concen: 5.141 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.146 min
Lab File: VX024105.D
Acq: 03 Sep 2021 16:16

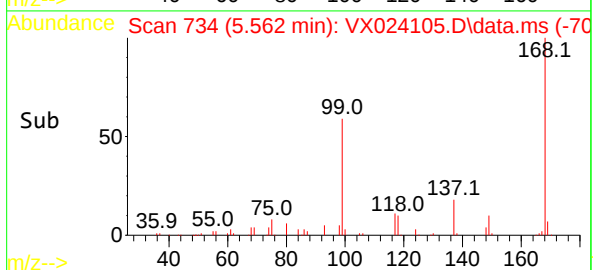
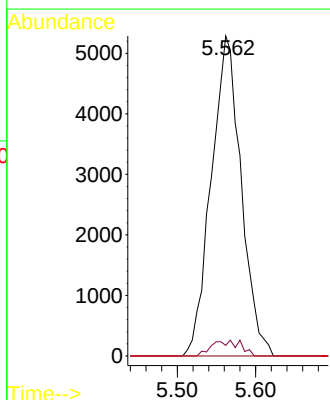
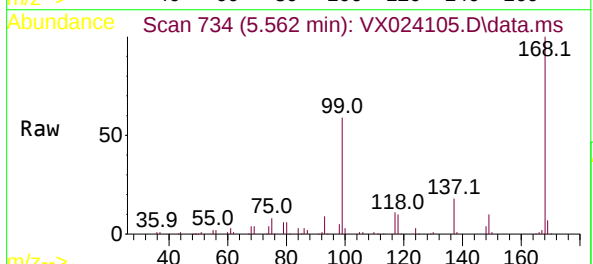
Instrument :
MSVOA_X
ClientSampled :

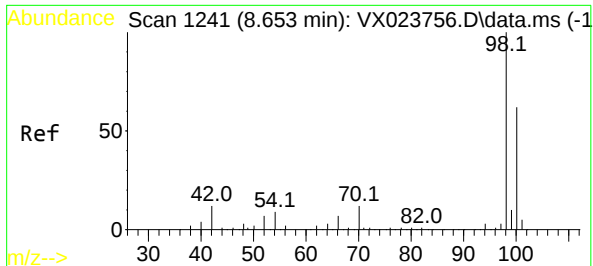
Tgt Ion: 75 Resp: 10544
Ion Ratio Lower Upper
75 100
110 9.9 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.552 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX024105.D
Acq: 03 Sep 2021 16:16

Tgt Ion: 117 Resp: 14013
Ion Ratio Lower Upper
117 100
119 3.3 76.2 114.2#
121 0.0 24.8 37.2#





#50

Toluene-d8

Concen: 50.169 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX024105.D

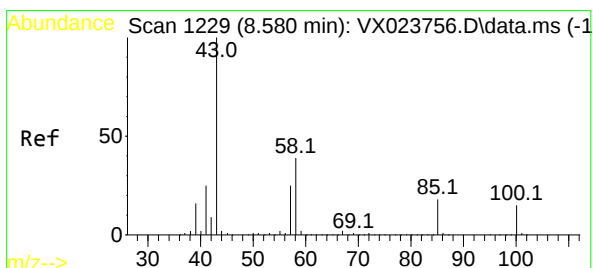
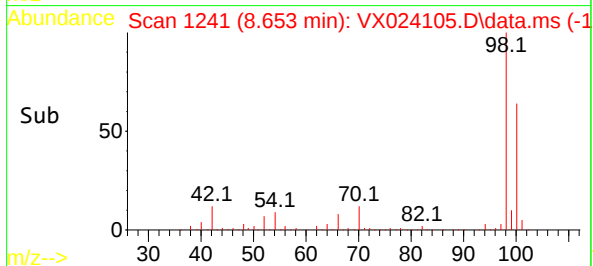
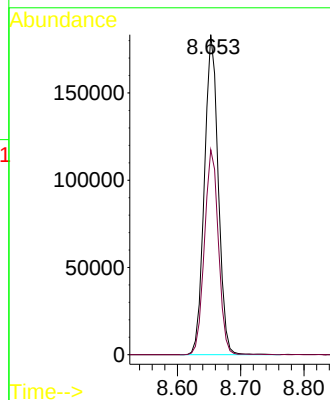
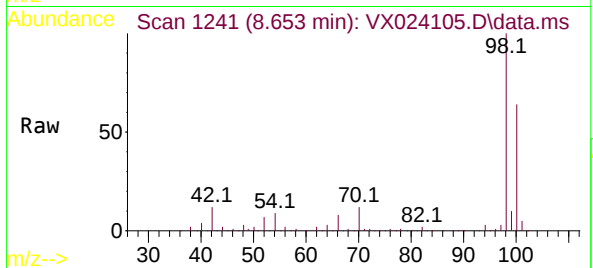
Acq: 03 Sep 2021 16:16

Tgt Ion: 98 Resp: 279911

Ion Ratio Lower Upper

98 100

100 64.5 51.9 77.9



#51

4-Methyl-2-Pentanone

Concen: 0.525 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.073 min

Lab File: VX024105.D

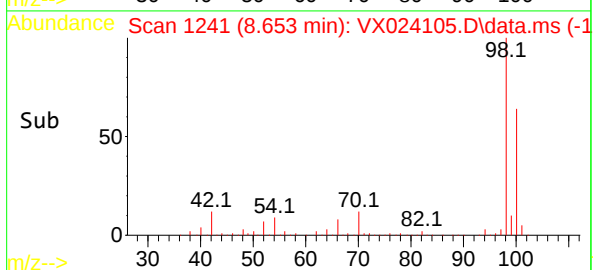
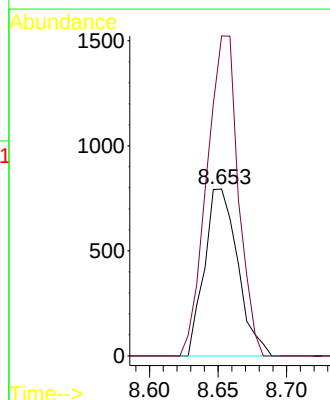
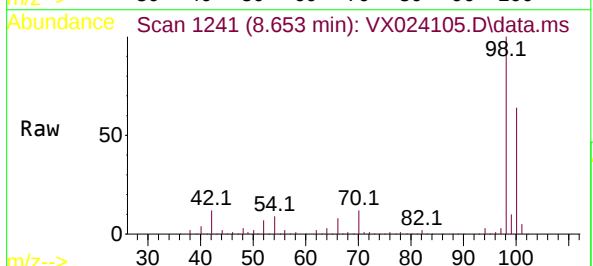
Acq: 03 Sep 2021 16:16

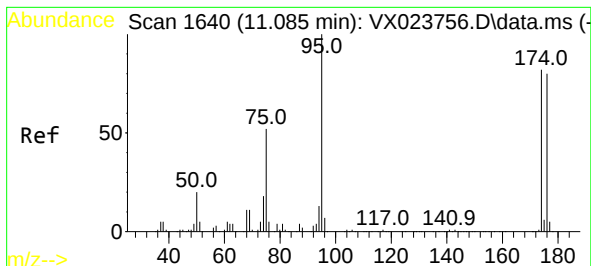
Tgt Ion: 43 Resp: 1338

Ion Ratio Lower Upper

43 100

58 183.0 35.4 53.0#

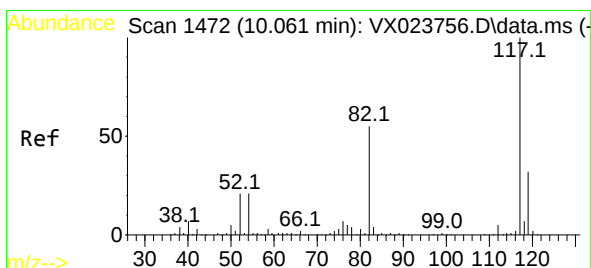
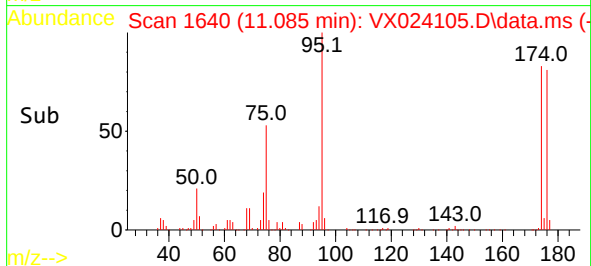
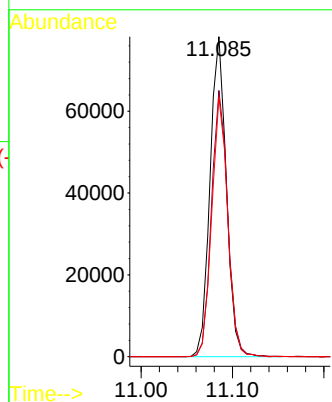
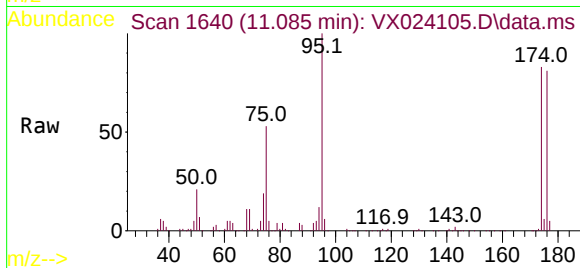




#62
4-Bromofluorobenzene
Concen: 47.219 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024105.D
Acq: 03 Sep 2021 16:16

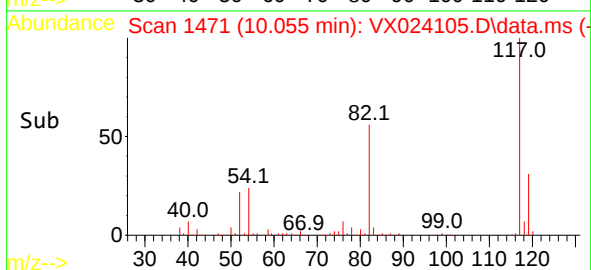
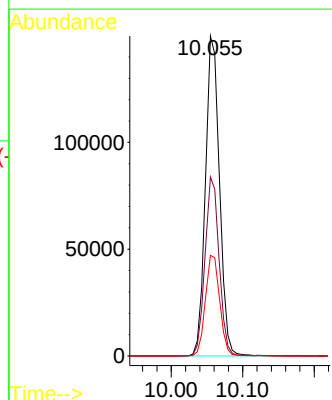
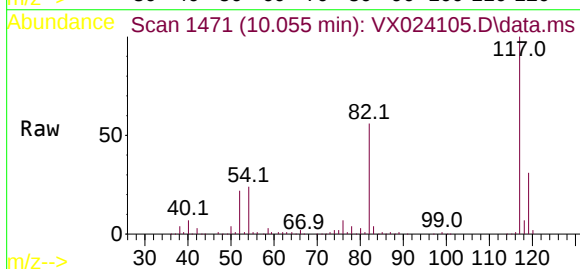
Instrument :
MSVOA_X
ClientSampleId :

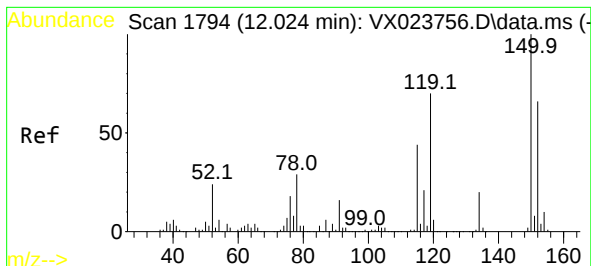
Tgt Ion: 95 Resp: 96983
Ion Ratio Lower Upper
95 100
174 83.1 0.0 154.6
176 79.4 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX024105.D
Acq: 03 Sep 2021 16:16

Tgt Ion: 117 Resp: 204958
Ion Ratio Lower Upper
117 100
82 56.0 47.4 71.2
119 31.4 26.6 39.8

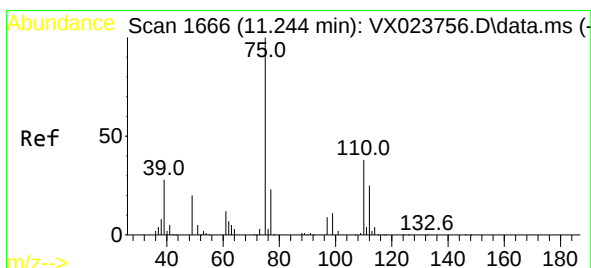
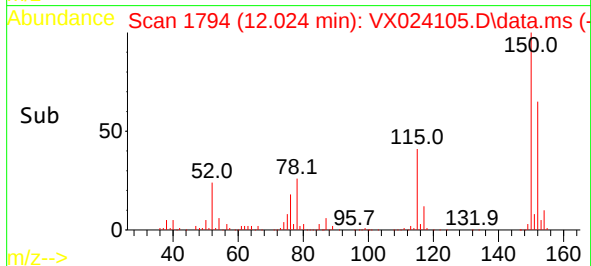
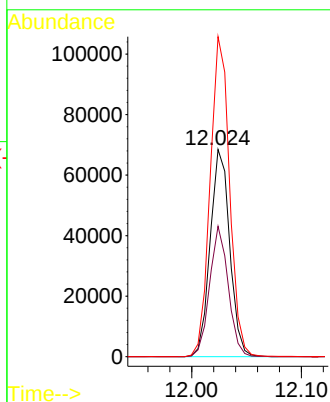
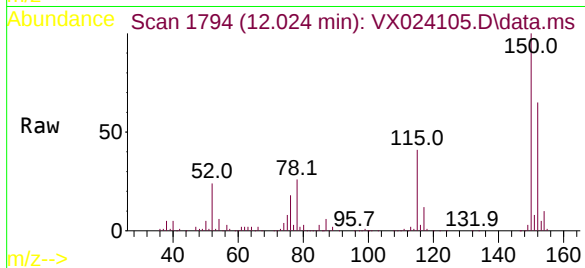




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. -0.000 min
 Lab File: VX024105.D
 Acq: 03 Sep 2021 16:16

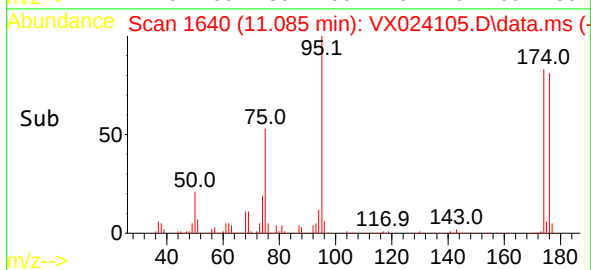
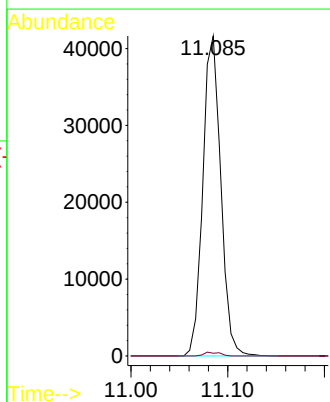
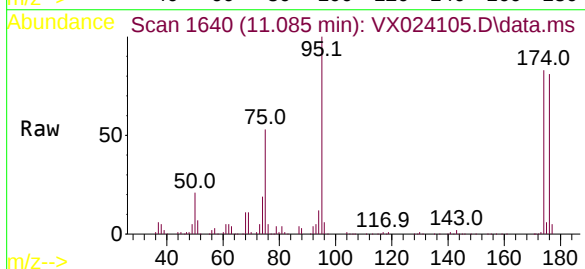
Instrument :
 MSVOA_X
 ClientSampled :

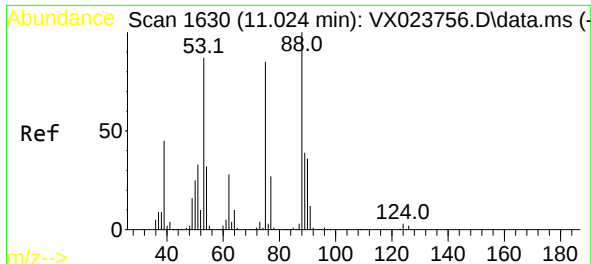
Tgt Ion:152 Resp: 84772
 Ion Ratio Lower Upper
 152 100
 115 60.0 41.1 123.3
 150 153.4 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 27.173 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX024105.D
 Acq: 03 Sep 2021 16:16

Tgt Ion: 75 Resp: 53734
 Ion Ratio Lower Upper
 75 100
 77 1.0 19.1 57.5#

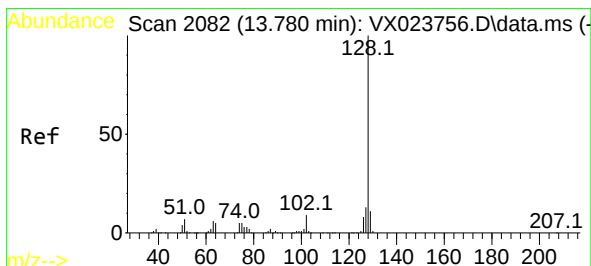
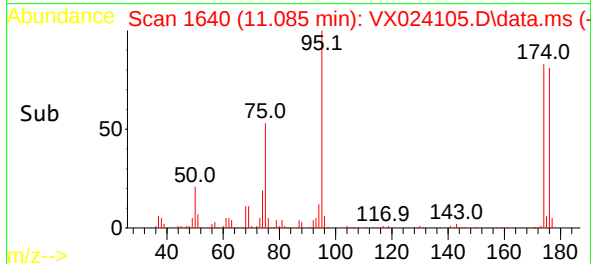
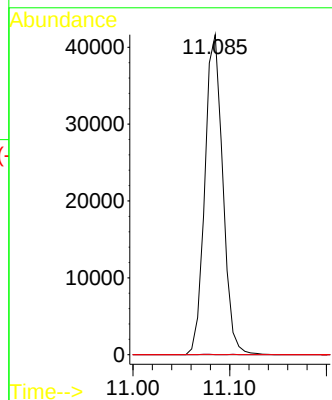
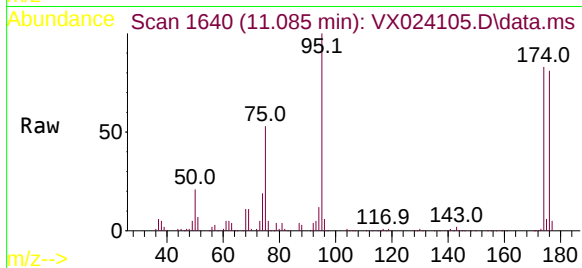




#81
trans-1,4-Dichloro-2-butene
Concen: 79.929 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX024105.D
Acq: 03 Sep 2021 16:16

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 75 Resp: 53734
Ion Ratio Lower Upper
75 100
53 0.1 74.5 111.7#
89 0.0 37.9 56.9#



#95
Naphthalene
Concen: 1.291 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX024105.D
Acq: 03 Sep 2021 16:16

Tgt Ion:128 Resp: 56
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

