

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091021\
 Data File : VX024168.D
 Acq On : 10 Sep 2021 16:09
 Operator : JC/MD
 Sample : M3684-24RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 11 04:24:40 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	158925	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	267294	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	248195	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	106880	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	122014	55.009	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 110.020%	
35) Dibromofluoromethane	5.397	113	94747	53.555	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 107.120%	
50) Toluene-d8	8.653	98	344911	51.223	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 102.440%	
62) 4-Bromofluorobenzene	11.085	95	127219	51.323	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 102.640%	

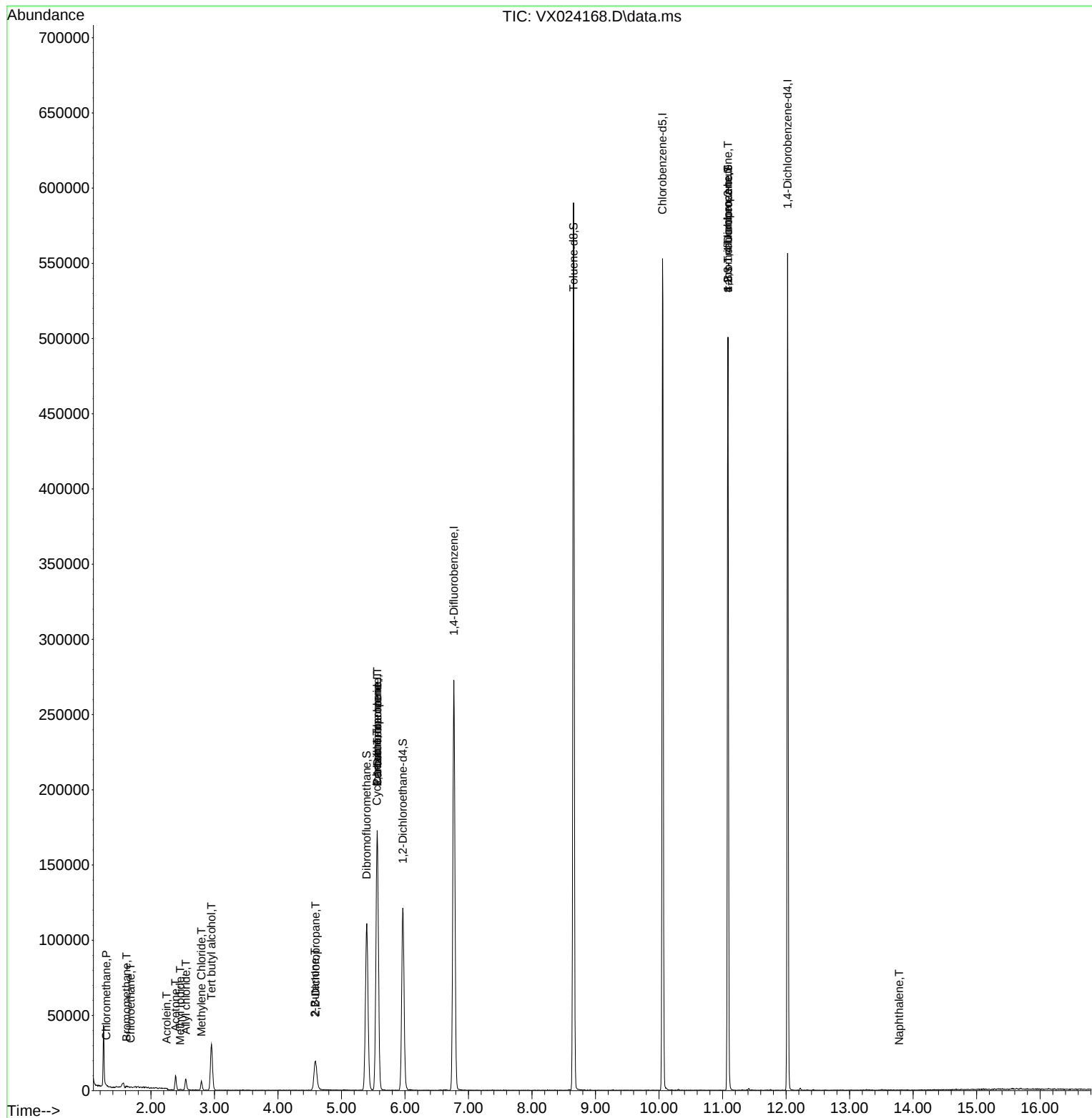
Target Compounds				Qvalue		
3) Chloromethane	1.295	50	496	0.269	ug/l #	85
5) Bromomethane	1.618	94	572	0.507	ug/l #	73
6) Chloroethane	1.679	64	123	2.296	ug/l #	43
10) Methyl Iodide	2.459	142	533	0.240	ug/l #	71
11) Tert butyl alcohol	2.953	59	18519	41.285	ug/l #	79
13) Acrolein	2.246	56	55	0.206	ug/l #	16
14) Allyl chloride	2.550	41	819	0.291	ug/l #	44
16) Acetone	2.386	43	10065	10.149	ug/l #	86
20) Methylene Chloride	2.794	84	2507	1.323	ug/l #	92
25) 2-Butanone	4.580	43	1262	0.840	ug/l #	45
26) 2,2-Dichloropropane	4.593	77	1645	0.643	ug/l #	52
31) Cyclohexane	5.556	56	3481	1.222	ug/l #	42
36) 1,1-Dichloropropene	5.562	75	12835	5.185	ug/l #	51
38) Carbon Tetrachloride	5.562	117	16443	6.370	ug/l #	17
76) 1,2,3-Trichloropropane	11.085	75	67934	27.247	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	67934	80.149	ug/l #	12
95) Naphthalene	13.780	128	135	1.299	ug/l #	69

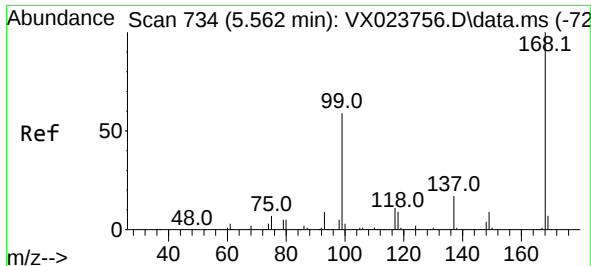
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

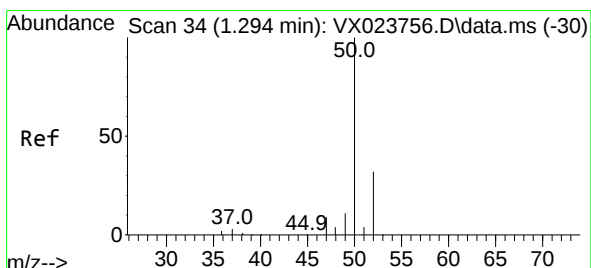
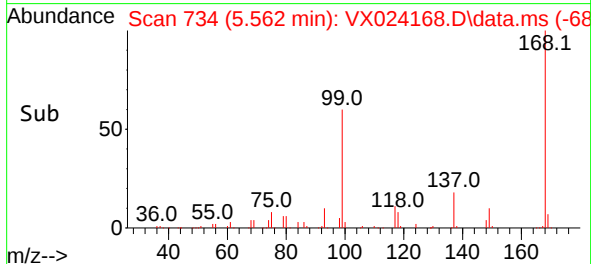
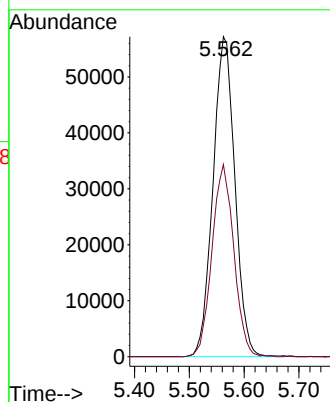
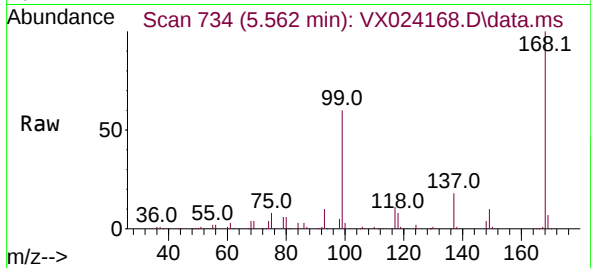




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX024168.D
Acq: 10 Sep 2021 16:09

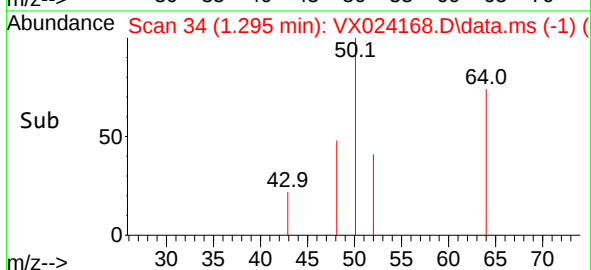
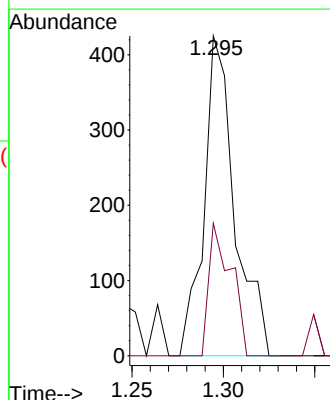
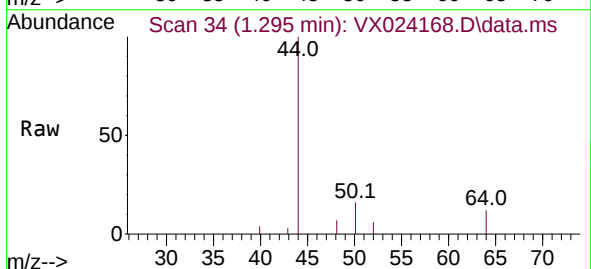
Instrument :
MSVOA_X
ClientSampled :

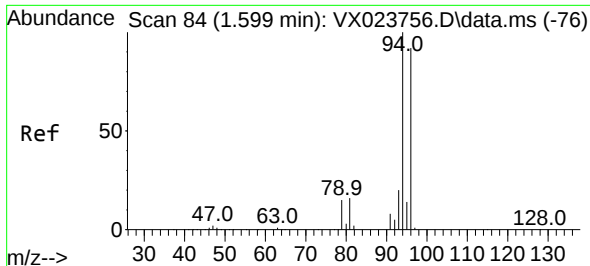
Tgt Ion:168 Resp: 158925
Ion Ratio Lower Upper
168 100
99 60.1 45.8 68.6



#3
Chloromethane
Concen: 0.269 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX024168.D
Acq: 10 Sep 2021 16:09

Tgt Ion: 50 Resp: 496
Ion Ratio Lower Upper
50 100
52 41.4 26.4 39.6#

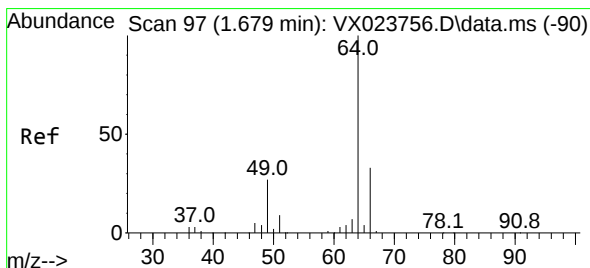
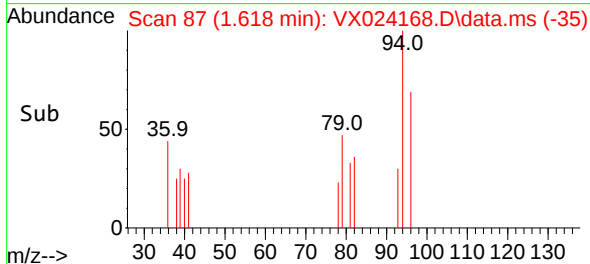
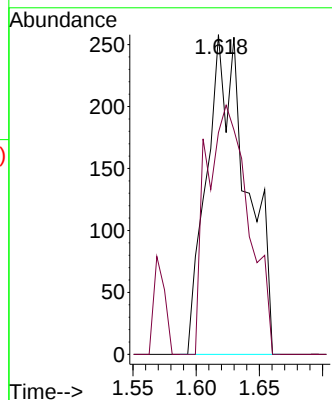
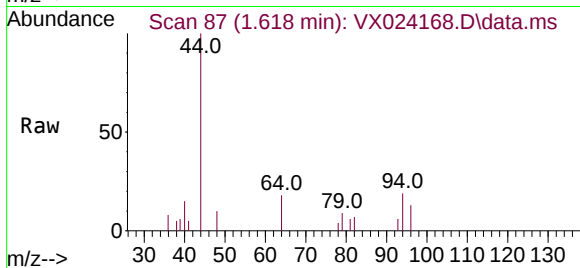




#5
Bromomethane
Concen: 0.507 ug/l
RT: 1.618 min Scan# 87
Delta R.T. 0.019 min
Lab File: VX024168.D
Acq: 10 Sep 2021 16:09

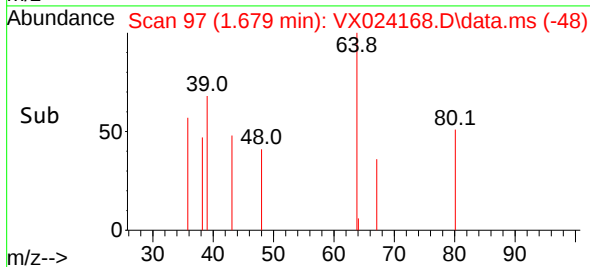
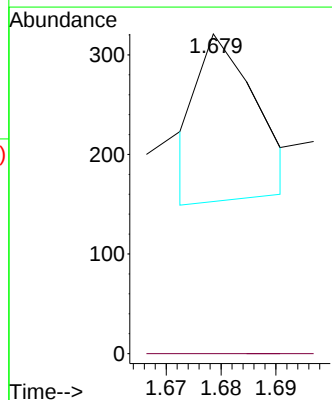
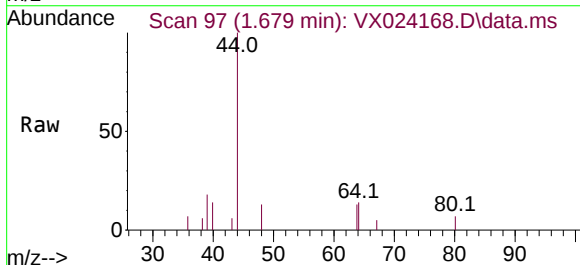
Instrument :
MSVOA_X
ClientSampled :

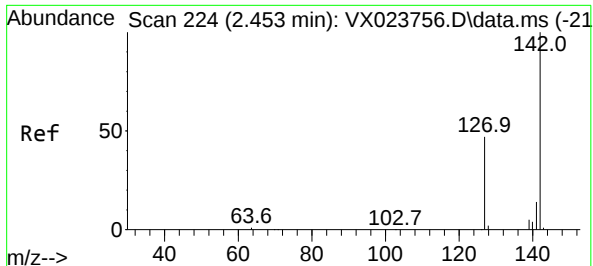
Tgt Ion: 94 Resp: 572
Ion Ratio Lower Upper
94 100
96 69.4 76.4 114.6#



#6
Chloroethane
Concen: 2.296 ug/l
RT: 1.679 min Scan# 97
Delta R.T. -0.000 min
Lab File: VX024168.D
Acq: 10 Sep 2021 16:09

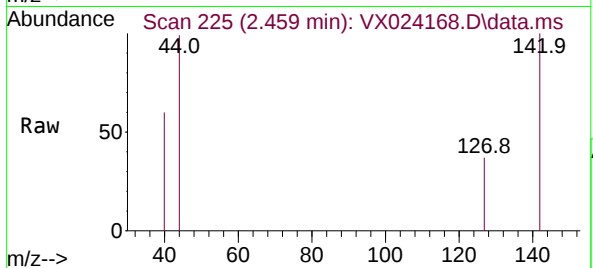
Tgt Ion: 64 Resp: 123
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



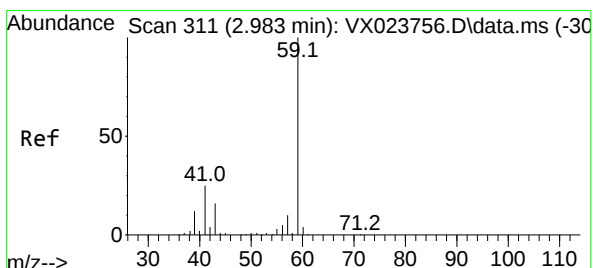
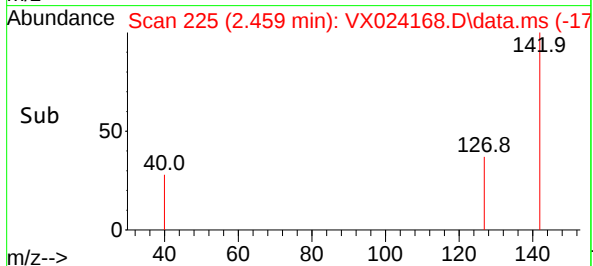
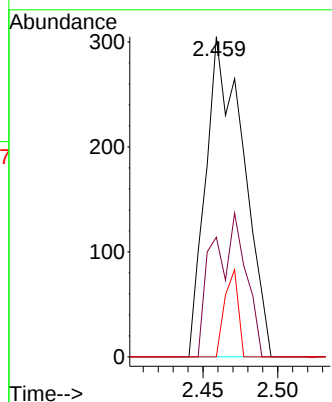


#10
Methyl Iodide
Concen: 0.240 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX024168.D
Acq: 10 Sep 2021 16:09

Instrument :
MSVOA_X
ClientSampled :

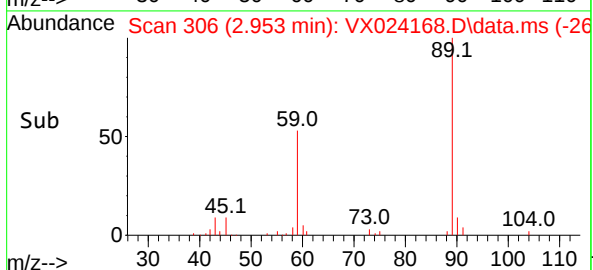
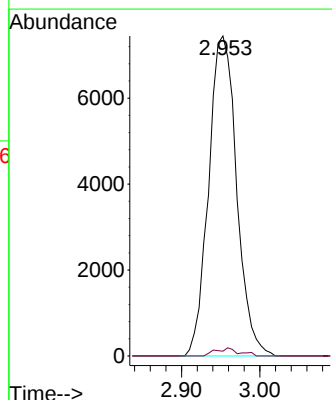
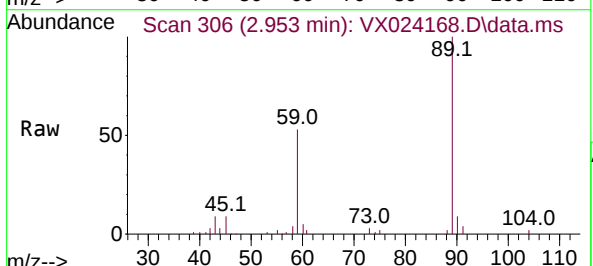


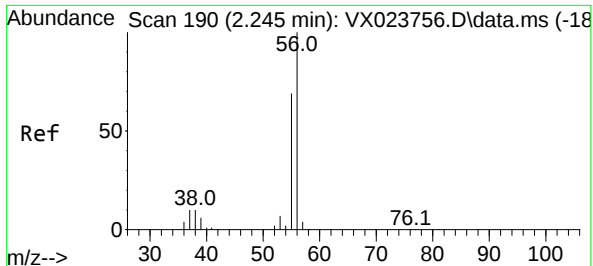
Tgt Ion:142 Resp: 533
Ion Ratio Lower Upper
142 100
127 19.7 33.3 49.9#
141 9.8 11.4 17.0#



#11
Tert butyl alcohol
Concen: 41.285 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.030 min
Lab File: VX024168.D
Acq: 10 Sep 2021 16:09

Tgt Ion: 59 Resp: 18519
Ion Ratio Lower Upper
59 100
57 2.1 7.8 11.8#

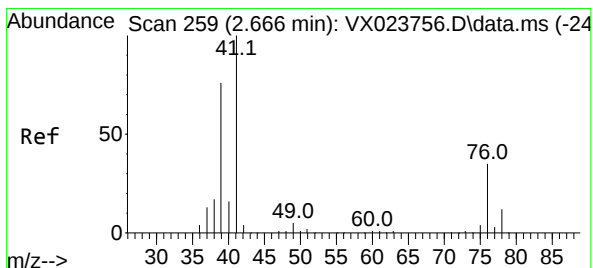
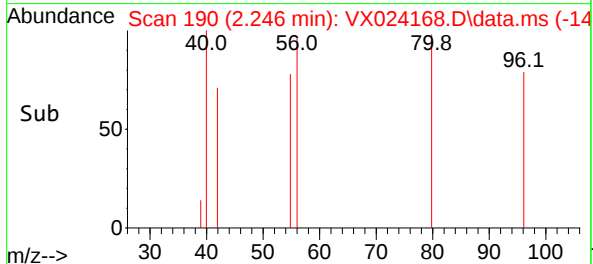
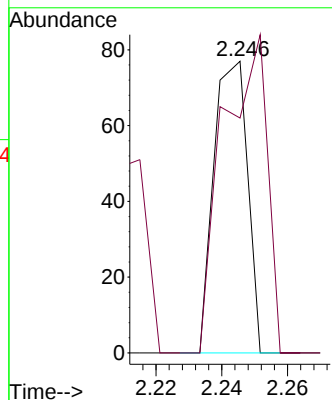
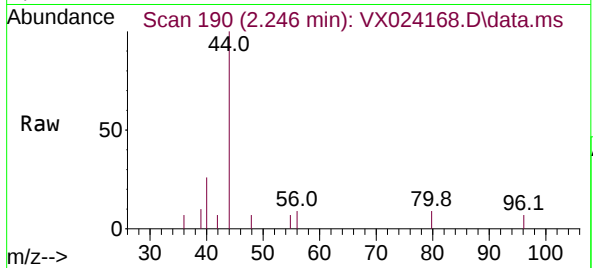




#13
Acrolein
Concen: 0.206 ug/l
RT: 2.246 min Scan# 190
Delta R.T. 0.001 min
Lab File: VX024168.D
Acq: 10 Sep 2021 16:09

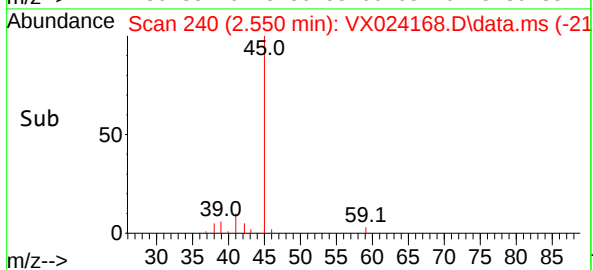
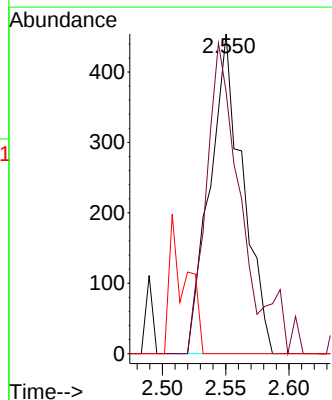
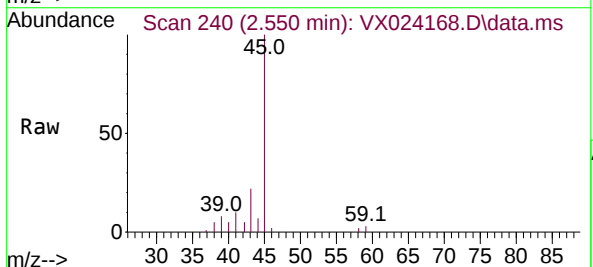
Instrument :
MSVOA_X
ClientSampled :

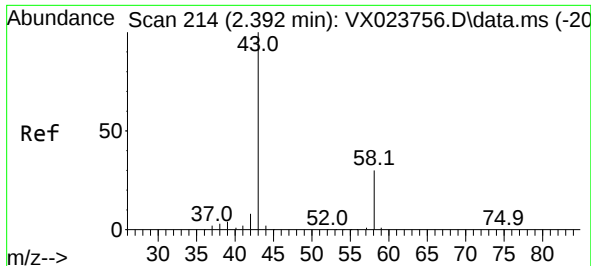
Tgt Ion: 56 Resp: 55
Ion Ratio Lower Upper
56 100
55 140.0 56.4 84.6#



#14
Allyl chloride
Concen: 0.291 ug/l
RT: 2.550 min Scan# 240
Delta R.T. -0.116 min
Lab File: VX024168.D
Acq: 10 Sep 2021 16:09

Tgt Ion: 41 Resp: 819
Ion Ratio Lower Upper
41 100
39 105.1 51.6 77.4#
76 0.0 30.5 45.7#

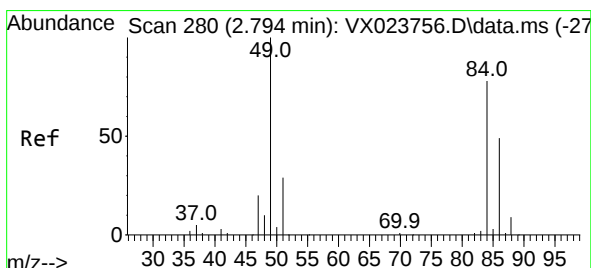
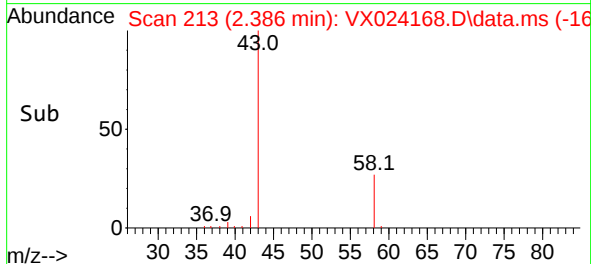
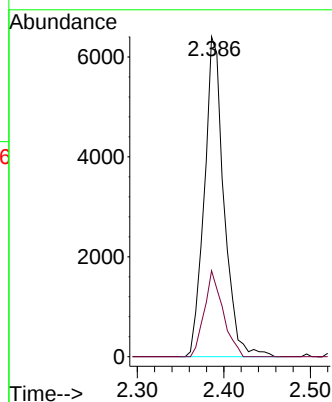
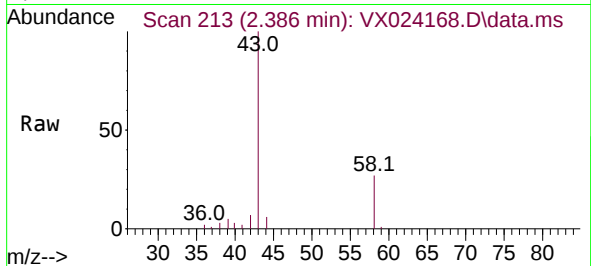




#16
Acetone
Concen: 10.149 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX024168.D
Acq: 10 Sep 2021 16:09

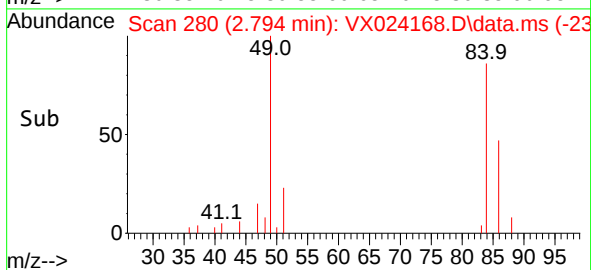
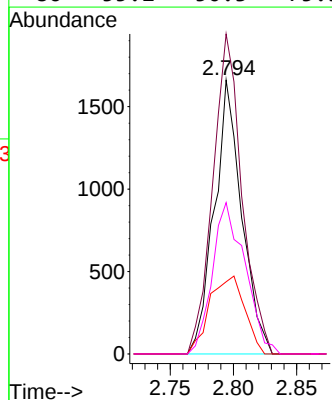
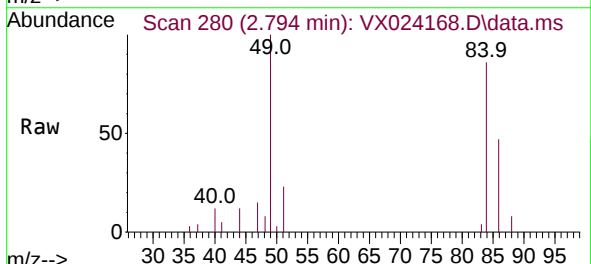
Instrument :
MSVOA_X
ClientSampled :

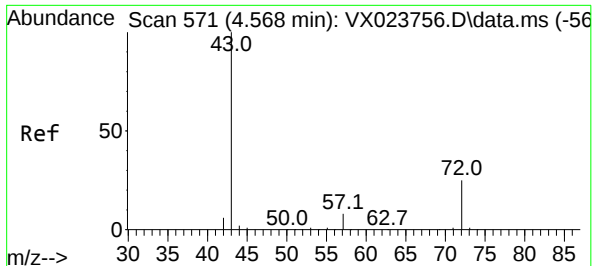
Tgt Ion: 43 Resp: 10065
Ion Ratio Lower Upper
43 100
58 26.8 27.8 41.8#



#20
Methylene Chloride
Concen: 1.323 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX024168.D
Acq: 10 Sep 2021 16:09

Tgt Ion: 84 Resp: 2507
Ion Ratio Lower Upper
84 100
49 116.8 88.6 132.8
51 26.4 27.0 40.6#
86 55.2 50.3 75.5





#25

2-Butanone

Concen: 0.840 ug/l

RT: 4.580 min Scan# 573

Delta R.T. 0.013 min

Lab File: VX024168.D

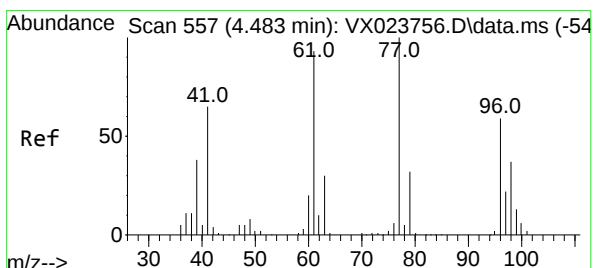
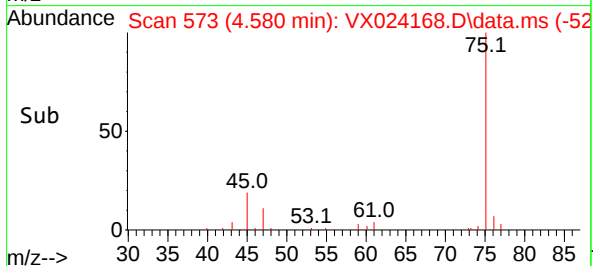
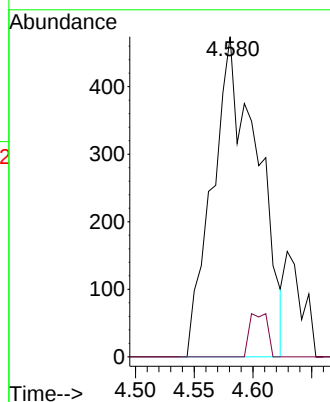
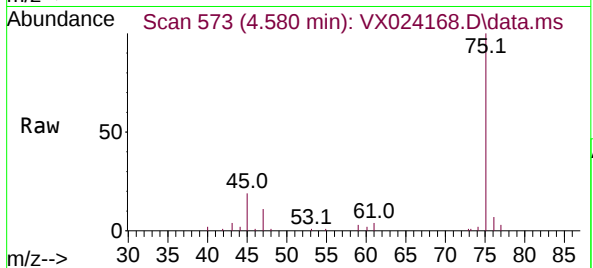
Acq: 10 Sep 2021 16:09

Tgt Ion: 43 Resp: 1262

Ion Ratio Lower Upper

43 100

72 0.0 23.7 35.5#



#26

2,2-Dichloropropane

Concen: 0.643 ug/l

RT: 4.593 min Scan# 575

Delta R.T. 0.110 min

Lab File: VX024168.D

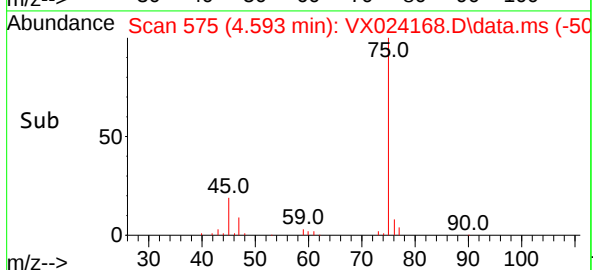
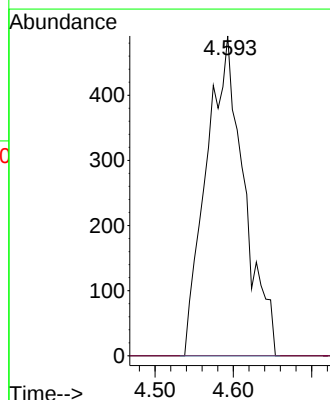
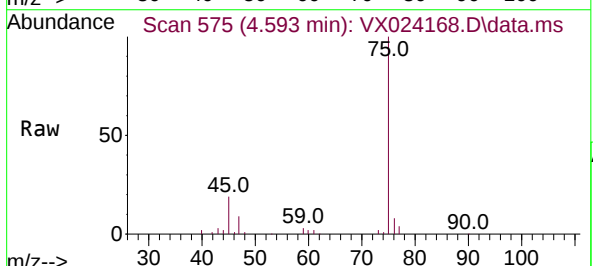
Acq: 10 Sep 2021 16:09

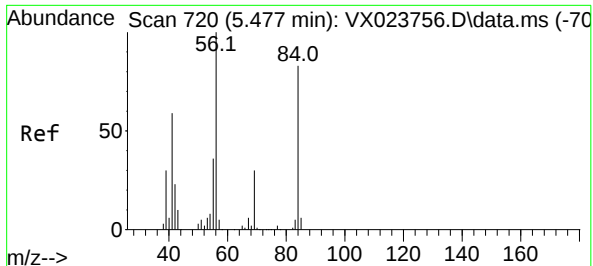
Tgt Ion: 77 Resp: 1645

Ion Ratio Lower Upper

77 100

97 0.0 11.7 35.1#

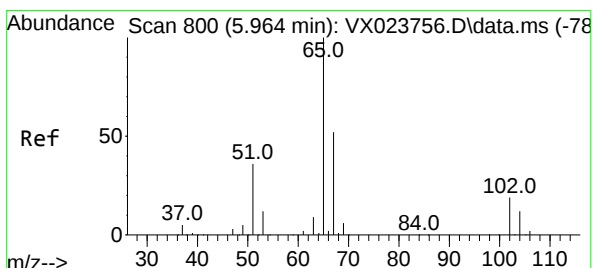
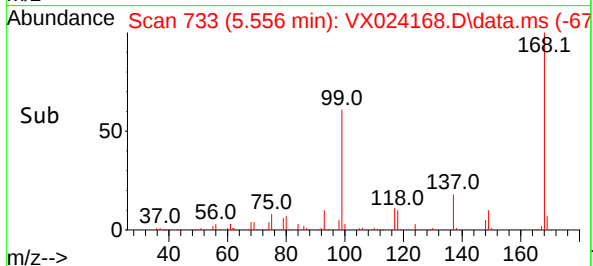
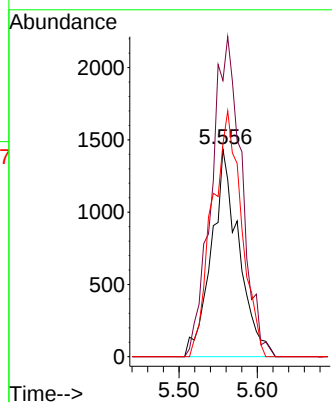
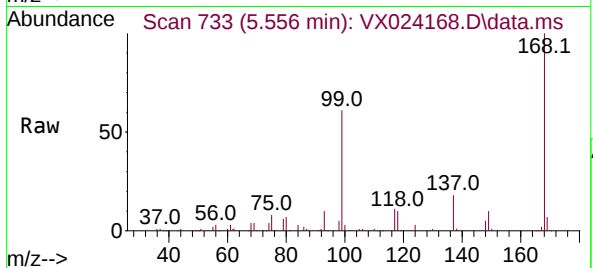




#31
Cyclohexane
Concen: 1.222 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX024168.D
Acq: 10 Sep 2021 16:09

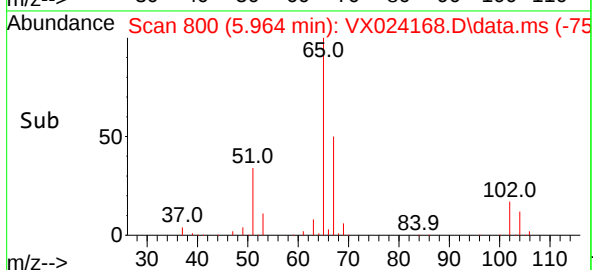
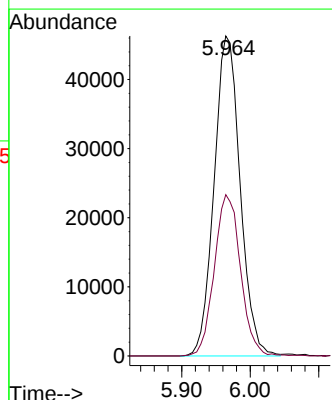
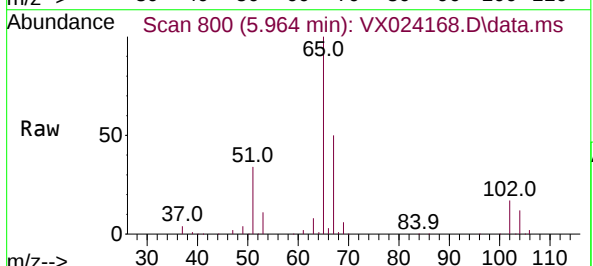
Instrument :
MSVOA_X
ClientSampleId :

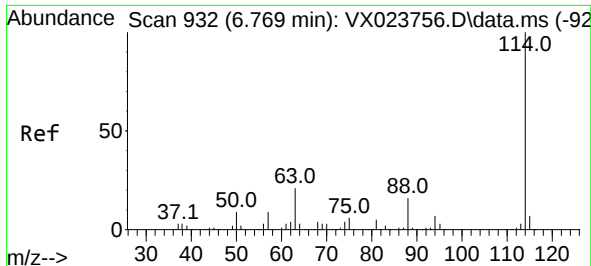
Tgt Ion: 56 Resp: 3481
Ion Ratio Lower Upper
56 100
69 133.1 25.3 37.9#
84 102.3 71.4 107.0



#33
1,2-Dichloroethane-d4
Concen: 55.009 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX024168.D
Acq: 10 Sep 2021 16:09

Tgt Ion: 65 Resp: 122014
Ion Ratio Lower Upper
65 100
67 50.7 0.0 105.4

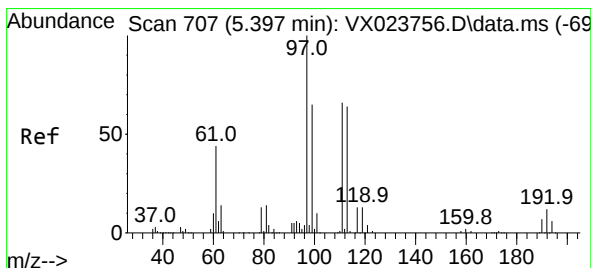
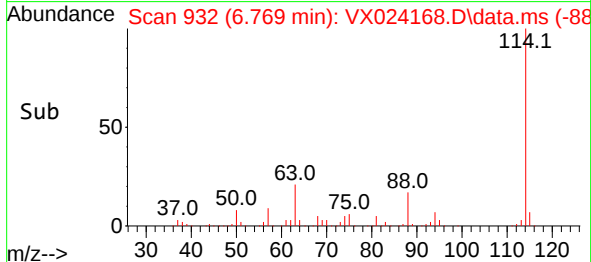
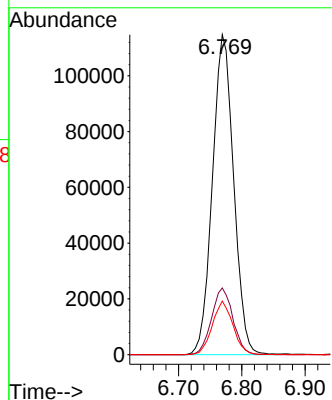
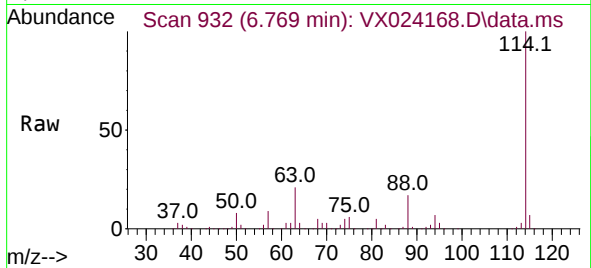




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX024168.D
Acq: 10 Sep 2021 16:09

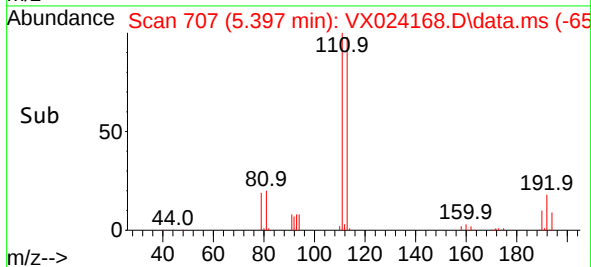
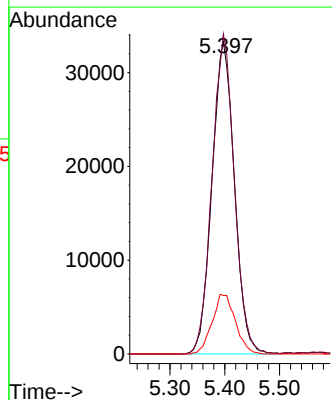
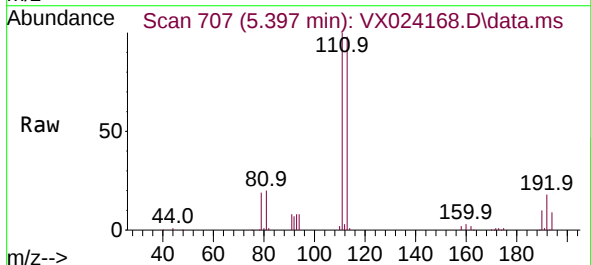
Instrument :
MSVOA_X
ClientSampled :

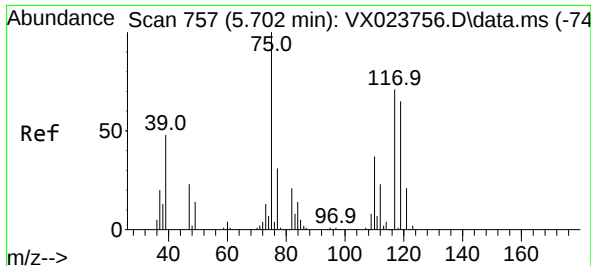
Tgt Ion:114 Resp: 267294
Ion Ratio Lower Upper
114 100
63 20.9 0.0 40.8
88 16.7 0.0 32.8



#35
Dibromofluoromethane
Concen: 53.555 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX024168.D
Acq: 10 Sep 2021 16:09

Tgt Ion:113 Resp: 94747
Ion Ratio Lower Upper
113 100
111 101.6 81.9 122.9
192 19.7 16.7 25.1

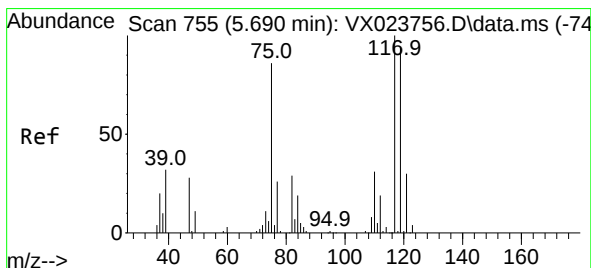
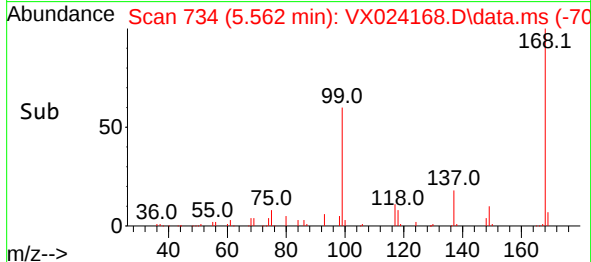
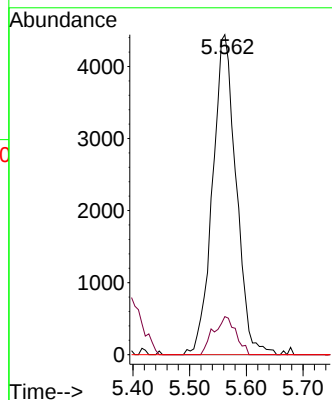
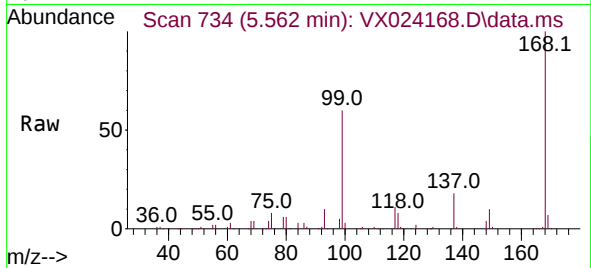




#36
1,1-Dichloropropene
Concen: 5.185 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX024168.D
Acq: 10 Sep 2021 16:09

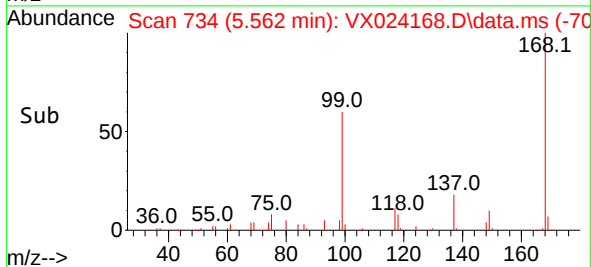
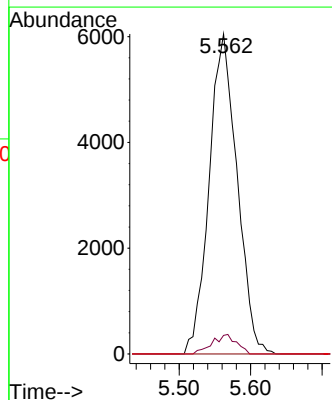
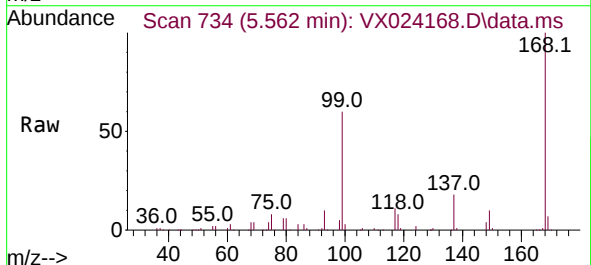
Instrument :
MSVOA_X
ClientSampled :

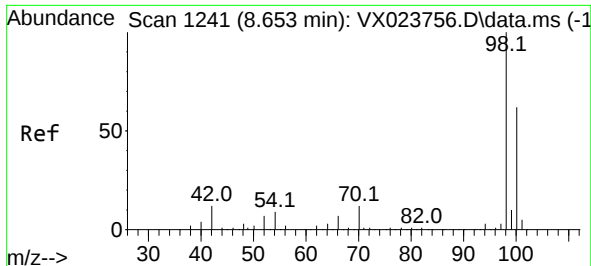
Tgt Ion: 75 Resp: 12835
Ion Ratio Lower Upper
75 100
110 11.3 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.370 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX024168.D
Acq: 10 Sep 2021 16:09

Tgt Ion: 117 Resp: 16443
Ion Ratio Lower Upper
117 100
119 5.8 76.2 114.2#
121 0.0 24.8 37.2#

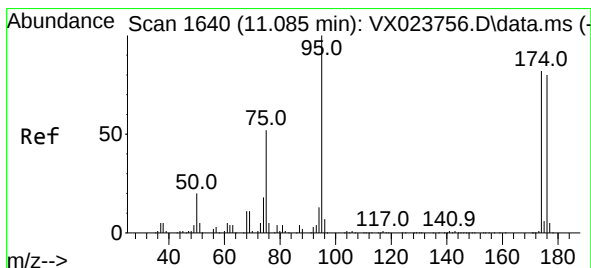
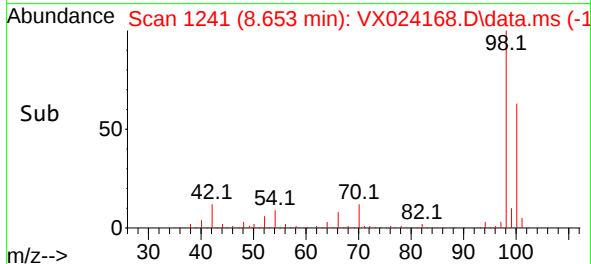
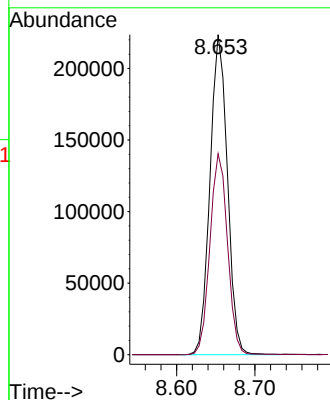
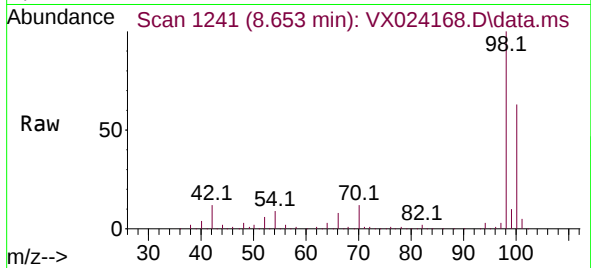




#50
Toluene-d8
Concen: 51.223 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024168.D
Acq: 10 Sep 2021 16:09

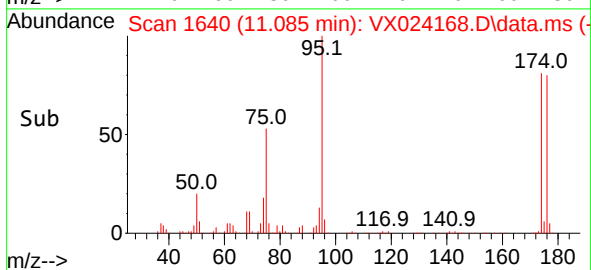
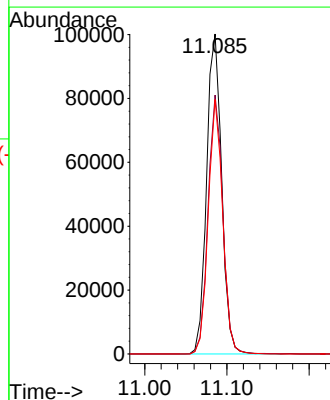
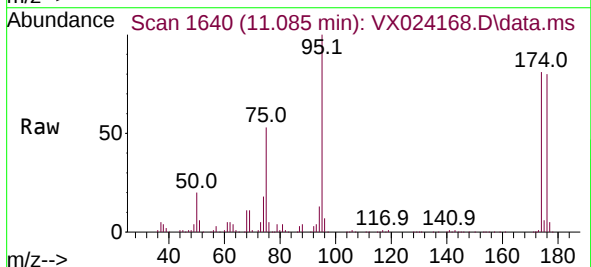
Instrument :
MSVOA_X
ClientSampled :

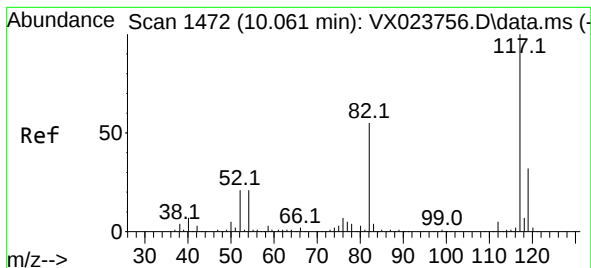
Tgt Ion: 98 Resp: 344911
Ion Ratio Lower Upper
98 100
100 63.3 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 51.323 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024168.D
Acq: 10 Sep 2021 16:09

Tgt Ion: 95 Resp: 127219
Ion Ratio Lower Upper
95 100
174 79.6 0.0 154.6
176 76.3 0.0 155.8

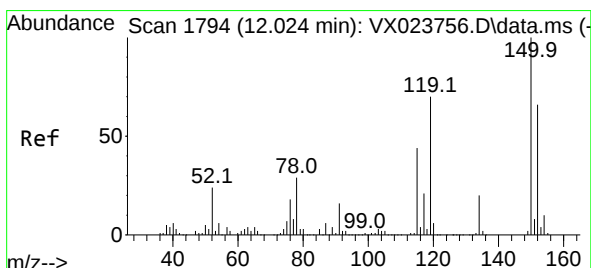
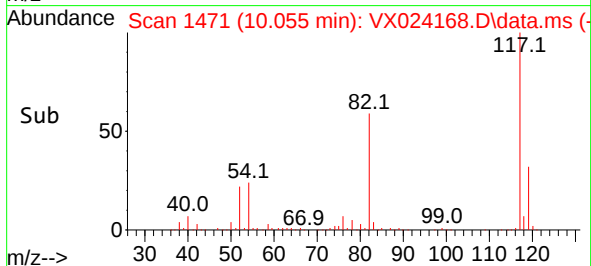
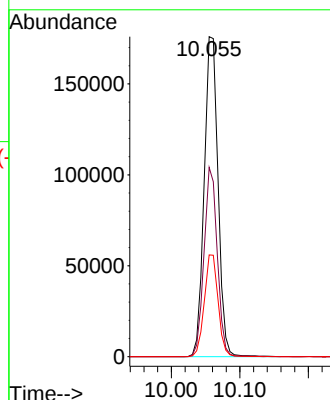
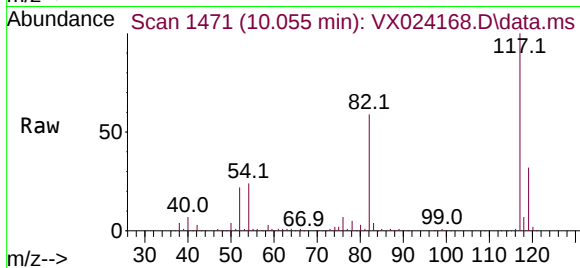




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX024168.D
Acq: 10 Sep 2021 16:09

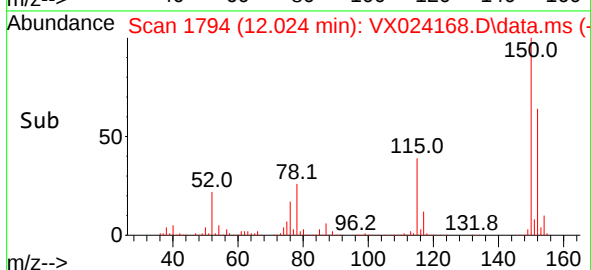
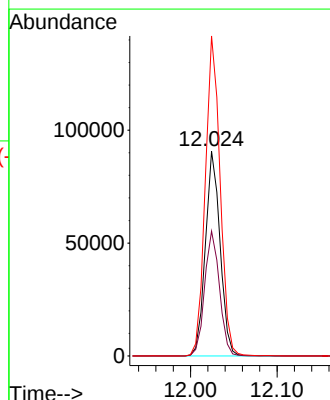
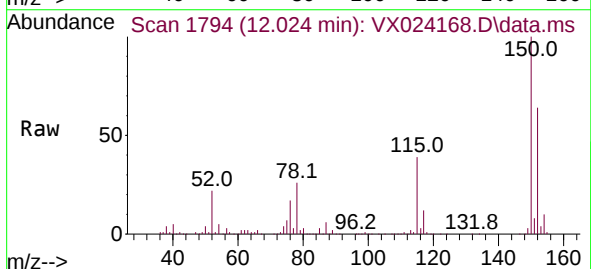
Instrument :
MSVOA_X
ClientSampled :

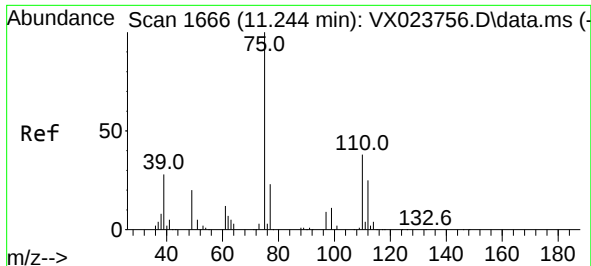
Tgt Ion:117 Resp: 248195
Ion Ratio Lower Upper
117 100
82 59.1 47.4 71.2
119 31.8 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024168.D
Acq: 10 Sep 2021 16:09

Tgt Ion:152 Resp: 106880
Ion Ratio Lower Upper
152 100
115 61.4 41.1 123.3
150 157.6 0.0 349.0

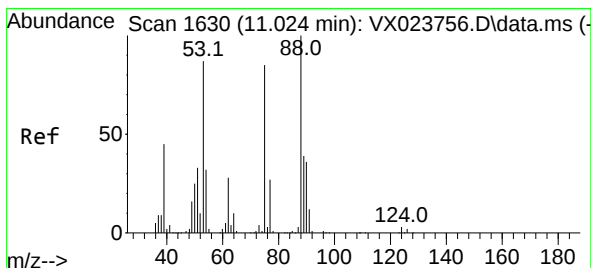
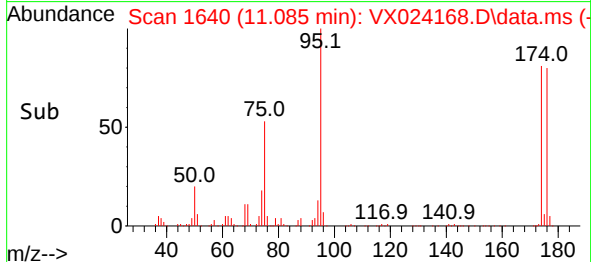
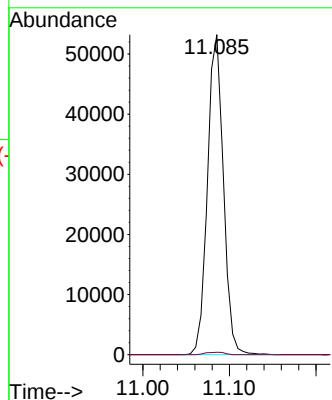
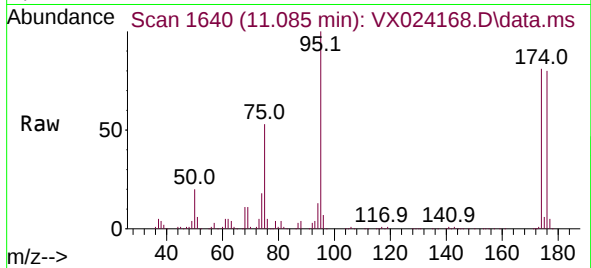




#76
1,2,3-Trichloropropane
Concen: 27.247 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX024168.D
Acq: 10 Sep 2021 16:09

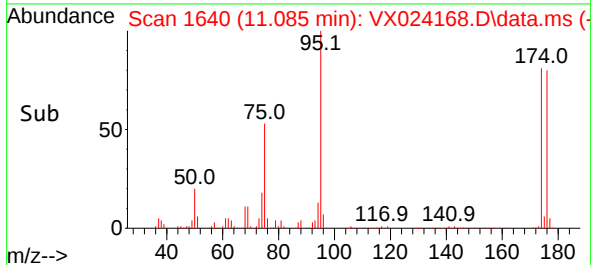
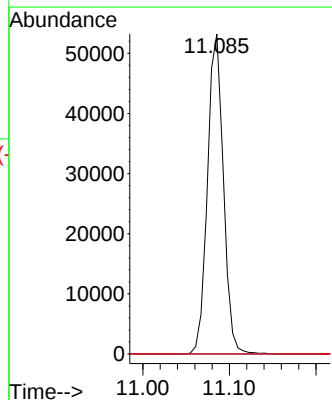
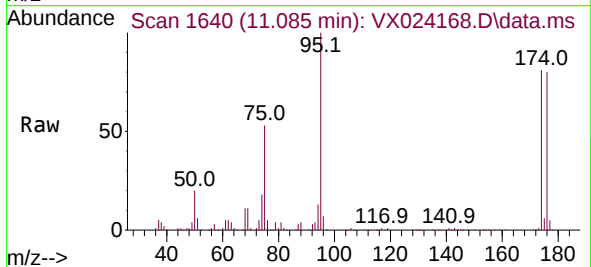
Instrument :
MSVOA_X
ClientSampled :

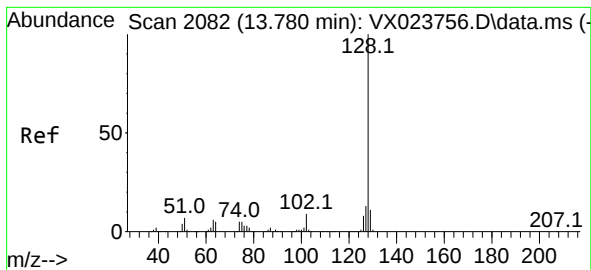
Tgt Ion: 75 Resp: 67934
Ion Ratio Lower Upper
75 100
77 0.9 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 80.149 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX024168.D
Acq: 10 Sep 2021 16:09

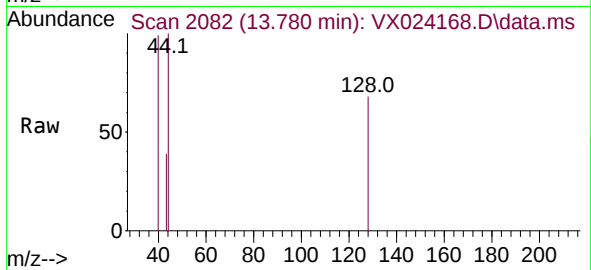
Tgt Ion: 75 Resp: 67934
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#





#95
Naphthalene
Concen: 1.299 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX024168.D
Acq: 10 Sep 2021 16:09

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:128 Resp: 135
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

