

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091021\
 Data File : VX024155.D
 Acq On : 10 Sep 2021 10:48
 Operator : JC/MD
 Sample : VX0910WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 11 04:19:00 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

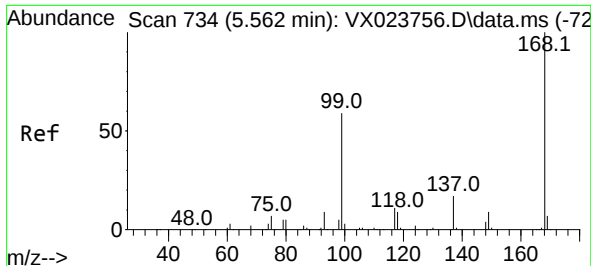
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.562	168	181204	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	303916	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	287753	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	122529	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	135809	53.700	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 107.400%	
35) Dibromofluoromethane	5.397	113	107050	53.218	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 106.440%	
50) Toluene-d8	8.653	98	389470	50.871	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 101.740%	
62) 4-Bromofluorobenzene	11.085	95	146536	51.993	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 103.980%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.636	94	587	0.456	ug/l #	44
6) Chloroethane	1.679	64	199	2.329	ug/l #	43
10) Methyl Iodide	2.465	142	700	0.276	ug/l #	93
11) Tert butyl alcohol	2.959	59	6577	12.860	ug/l #	76
16) Acetone	2.392	43	1418	1.254	ug/l #	88
20) Methylene Chloride	2.800	84	818	0.379	ug/l #	87
25) 2-Butanone	4.574	43	901	0.526	ug/l #	45
31) Cyclohexane	5.556	56	3975	1.223	ug/l #	1
36) 1,1-Dichloropropene	5.562	75	13964	4.961	ug/l #	49
38) Carbon Tetrachloride	5.562	117	18437	6.282	ug/l #	16
53) t-1,3-Dichloropropene	8.982	75	48	2.150	ug/l #	44
76) 1,2,3-Trichloropropane	11.085	75	78437	27.442	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	78437	80.722	ug/l #	12
95) Naphthalene	13.780	128	209	1.305	ug/l #	69

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

Quant Time: Sep 11 04:19:00 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

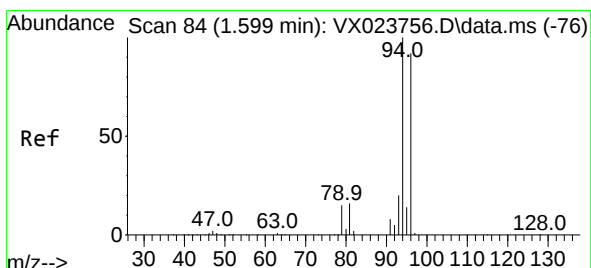
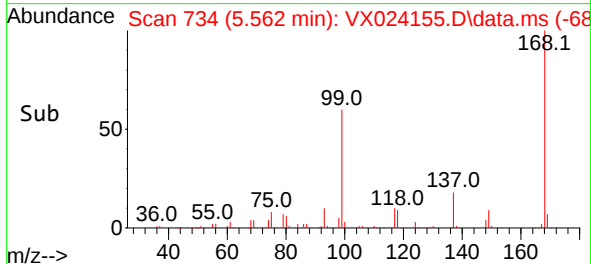
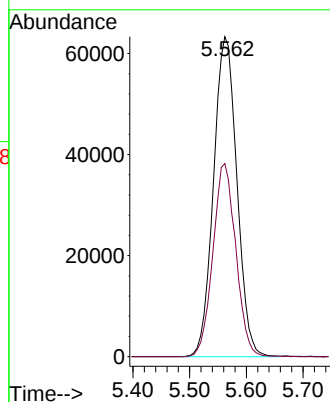
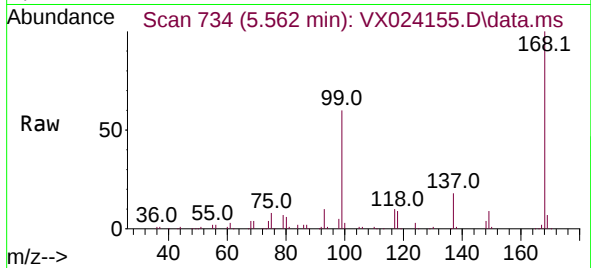




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX024155.D
Acq: 10 Sep 2021 10:48

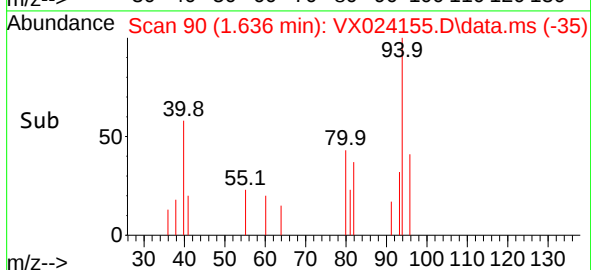
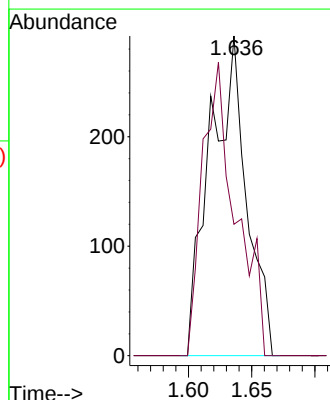
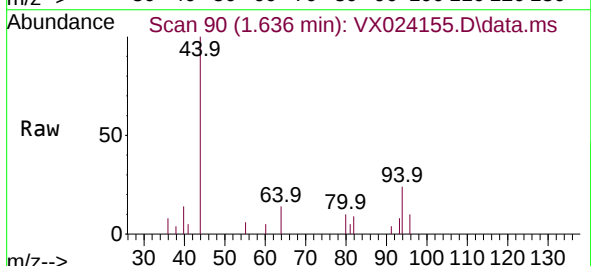
Instrument :
MSVOA_X
ClientSampleId :

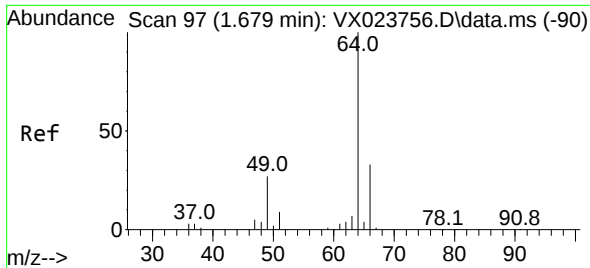
Tgt Ion:168 Resp: 181204
Ion Ratio Lower Upper
168 100
99 60.4 45.8 68.6



#5
Bromomethane
Concen: 0.456 ug/l
RT: 1.636 min Scan# 90
Delta R.T. 0.037 min
Lab File: VX024155.D
Acq: 10 Sep 2021 10:48

Tgt Ion: 94 Resp: 587
Ion Ratio Lower Upper
94 100
96 41.1 76.4 114.6#

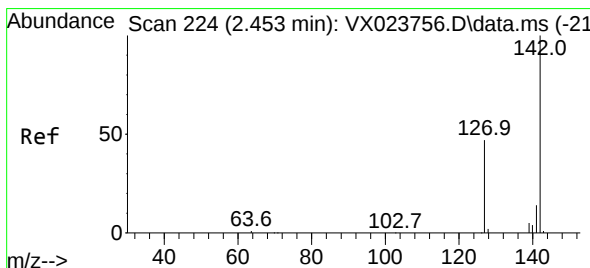
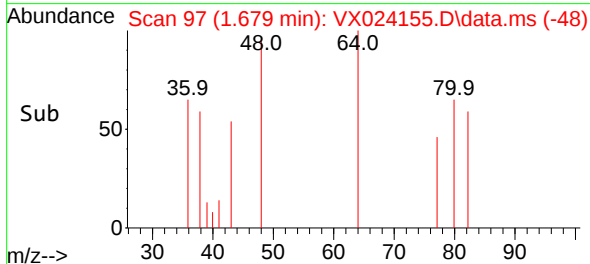
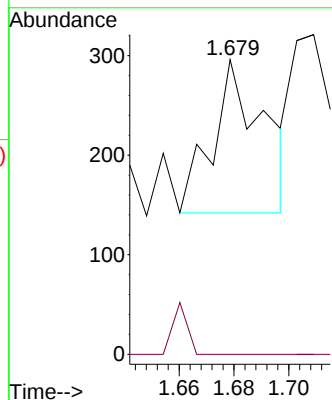
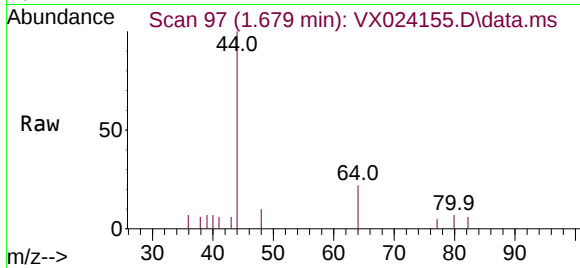




#6
Chloroethane
Concen: 2.329 ug/l
RT: 1.679 min Scan# 97
Delta R.T. -0.000 min
Lab File: VX024155.D
Acq: 10 Sep 2021 10:48

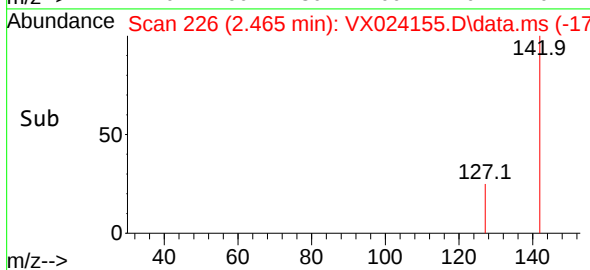
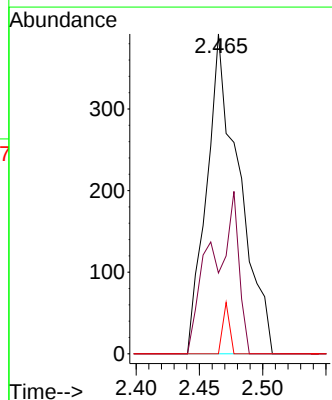
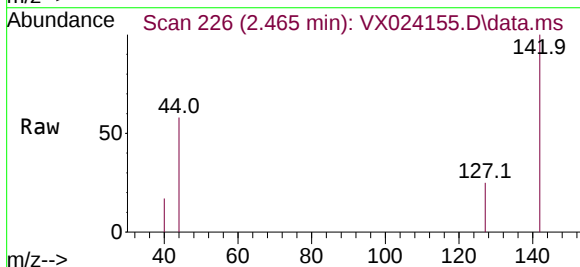
Instrument :
MSVOA_X
ClientSampled :

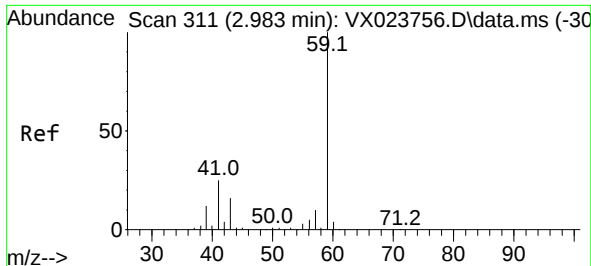
Tgt Ion: 64 Resp: 199
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



#10
Methyl Iodide
Concen: 0.276 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.012 min
Lab File: VX024155.D
Acq: 10 Sep 2021 10:48

Tgt Ion: 142 Resp: 700
Ion Ratio Lower Upper
142 100
127 41.6 33.3 49.9
141 3.3 11.4 17.0#



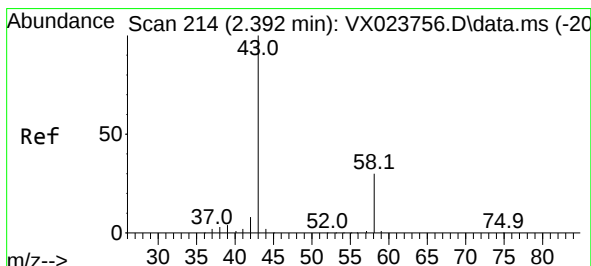
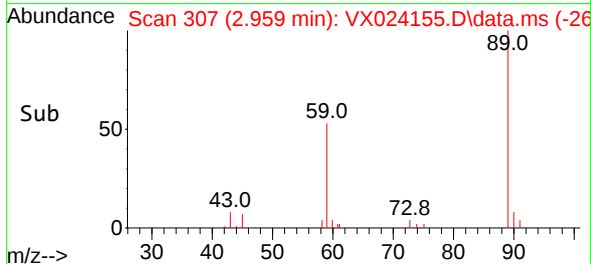
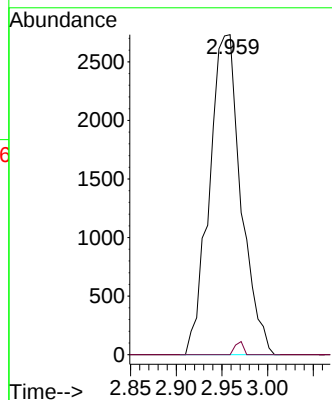
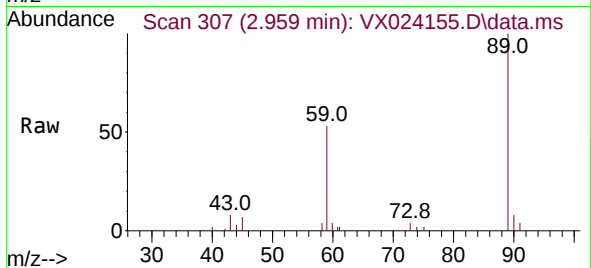


#11

Tert butyl alcohol
Concen: 12.860 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.024 min
Lab File: VX024155.D
Acq: 10 Sep 2021 10:48

Instrument :
MSVOA_X
ClientSampled :

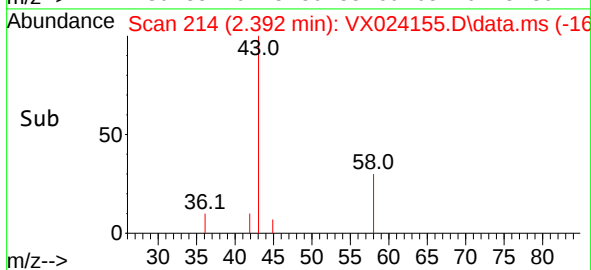
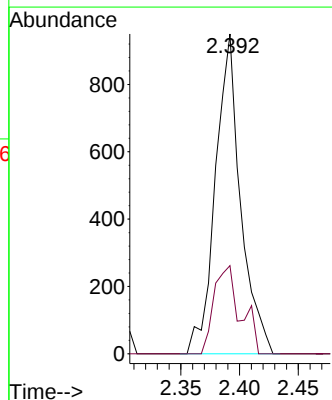
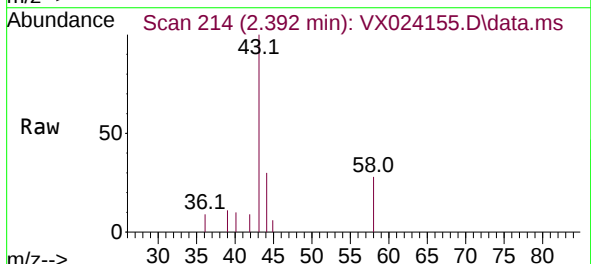
Tgt Ion: 59 Resp: 6577
Ion Ratio Lower Upper
59 100
57 1.1 7.8 11.8#

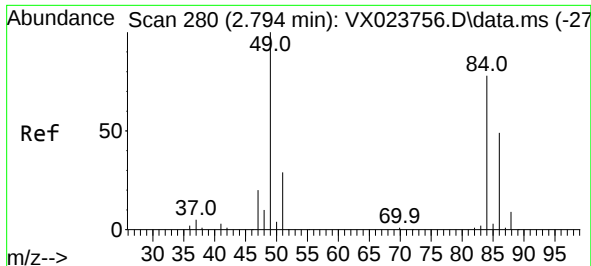


#16

Acetone
Concen: 1.254 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX024155.D
Acq: 10 Sep 2021 10:48

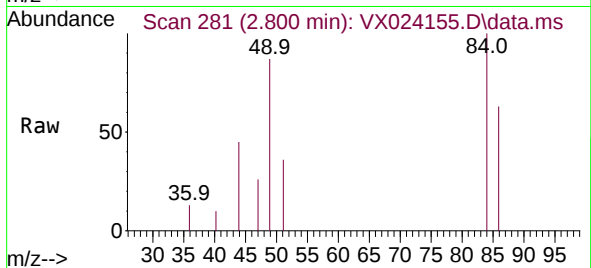
Tgt Ion: 43 Resp: 1418
Ion Ratio Lower Upper
43 100
58 27.6 27.8 41.8#





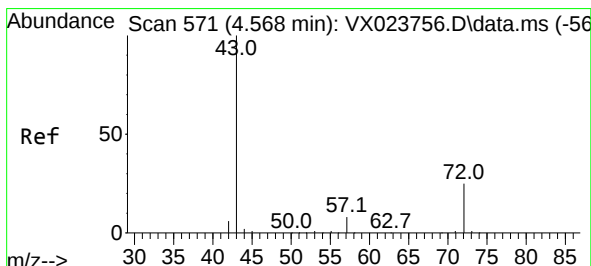
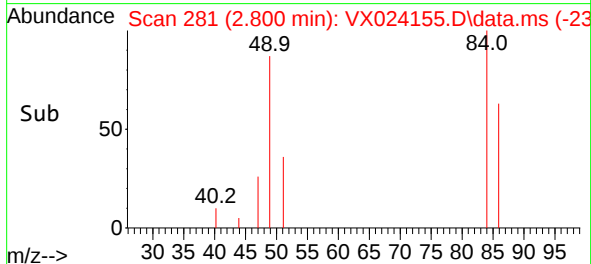
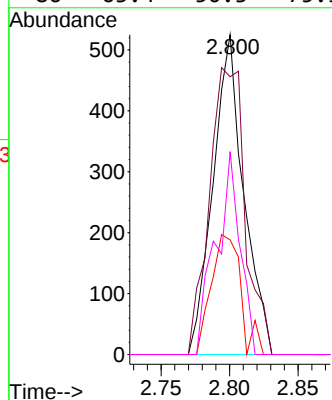
#20
Methylene Chloride
Concen: 0.379 ug/l
RT: 2.800 min Scan# 281
Delta R.T. 0.006 min
Lab File: VX024155.D
Acq: 10 Sep 2021 10:48

Instrument :
MSVOA_X
ClientSampled :



Tgt Ion: 84 Resp: 818

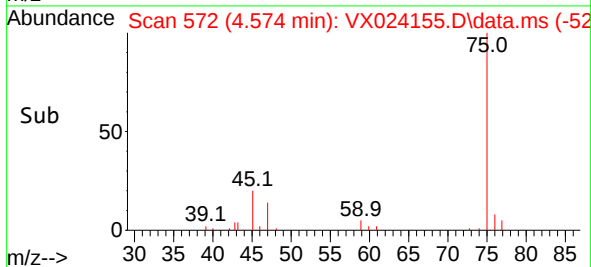
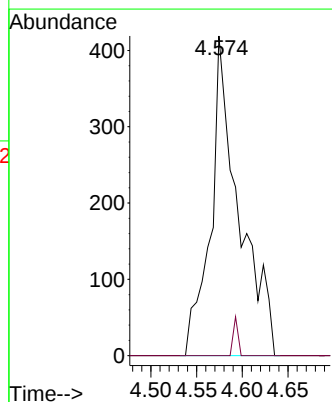
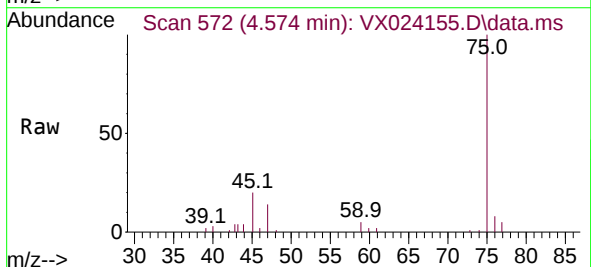
Ion	Ratio	Lower	Upper
84	100		
49	86.9	88.6	132.8#
51	35.8	27.0	40.6
86	63.4	50.3	75.5

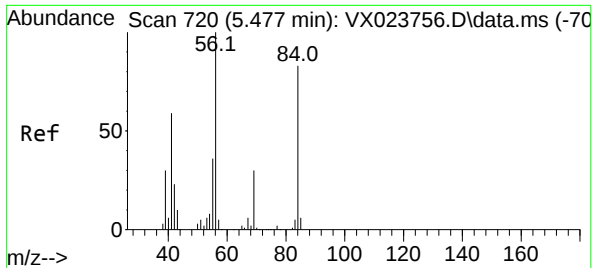


#25
2-Butanone
Concen: 0.526 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.006 min
Lab File: VX024155.D
Acq: 10 Sep 2021 10:48

Tgt Ion: 43 Resp: 901

Ion	Ratio	Lower	Upper
43	100		
72	0.0	23.7	35.5#

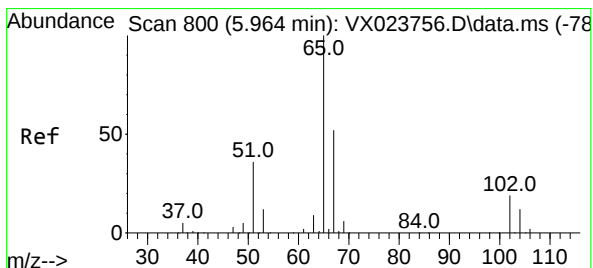
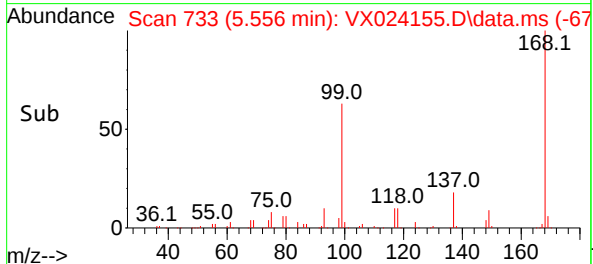
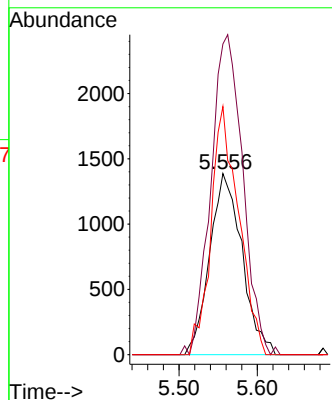
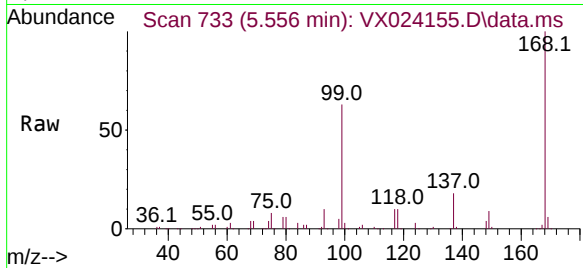




#31
Cyclohexane
Concen: 1.223 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX024155.D
Acq: 10 Sep 2021 10:48

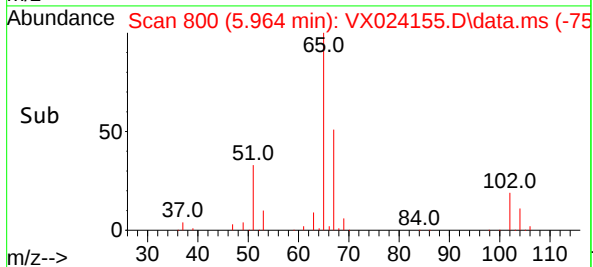
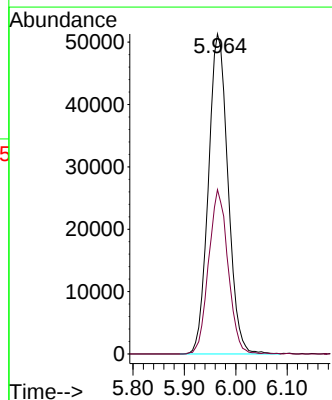
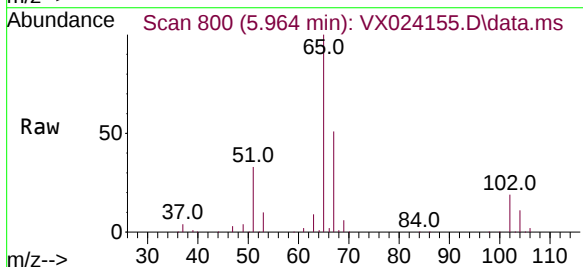
Instrument :
MSVOA_X
ClientSampled :

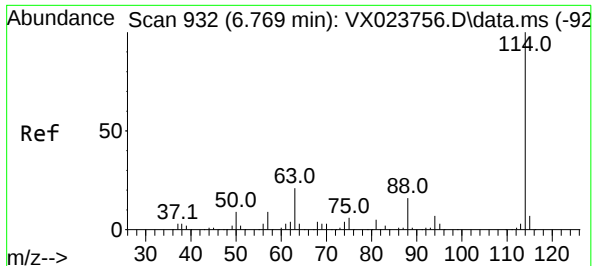
Tgt Ion: 56 Resp: 3975
Ion Ratio Lower Upper
56 100
69 171.6 25.3 37.9#
84 137.1 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 53.700 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX024155.D
Acq: 10 Sep 2021 10:48

Tgt Ion: 65 Resp: 135809
Ion Ratio Lower Upper
65 100
67 50.7 0.0 105.4

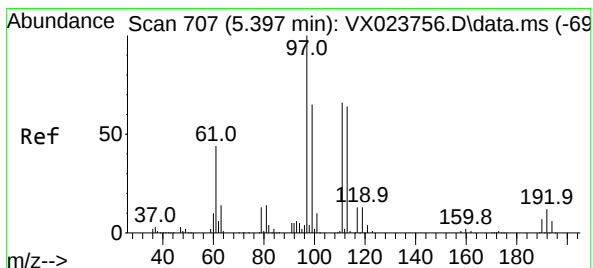
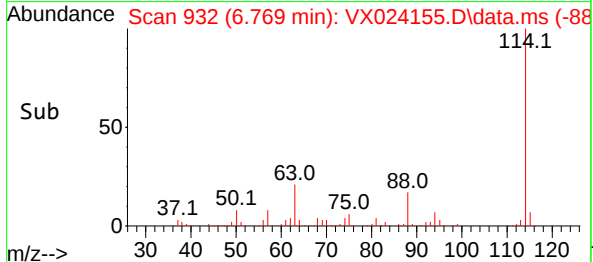
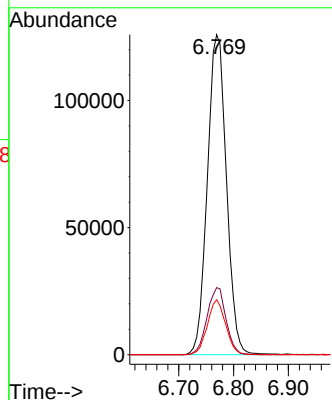
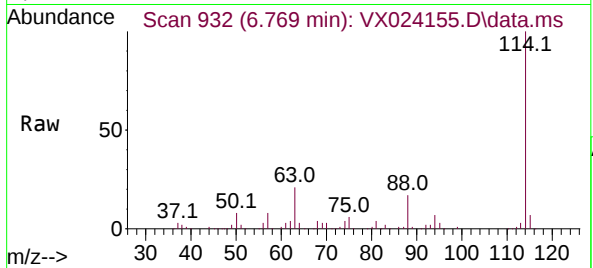




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX024155.D
Acq: 10 Sep 2021 10:48

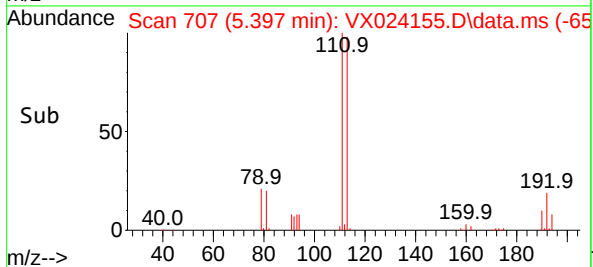
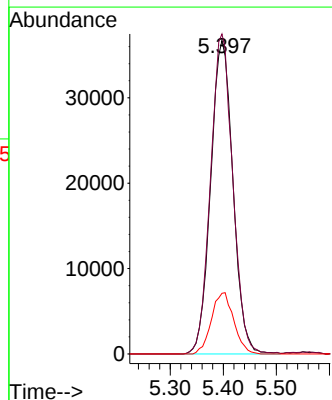
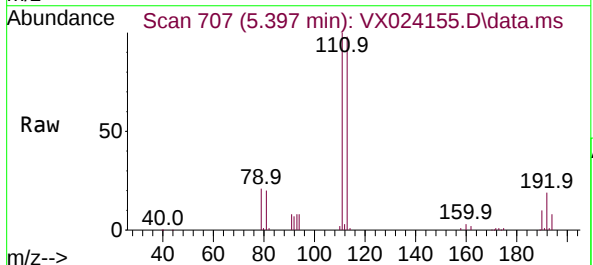
Instrument :
MSVOA_X
ClientSampleId :

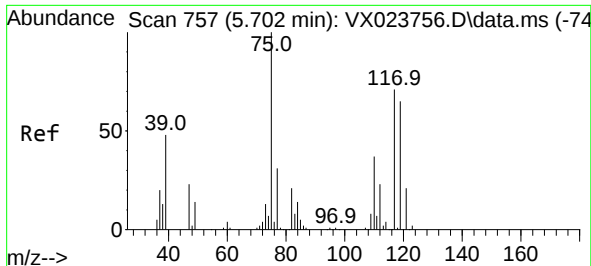
Tgt Ion:114 Resp: 303916
Ion Ratio Lower Upper
114 100
63 20.9 0.0 40.8
88 17.2 0.0 32.8



#35
Dibromofluoromethane
Concen: 53.218 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX024155.D
Acq: 10 Sep 2021 10:48

Tgt Ion:113 Resp: 107050
Ion Ratio Lower Upper
113 100
111 102.0 81.9 122.9
192 19.6 16.7 25.1

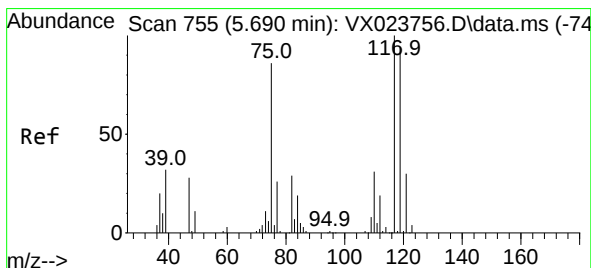
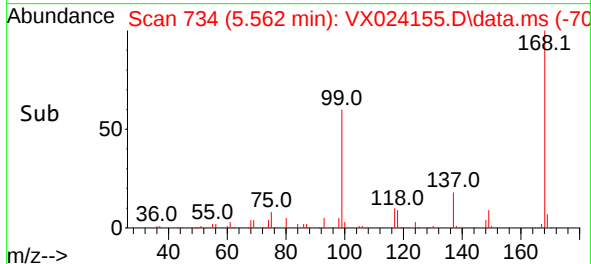
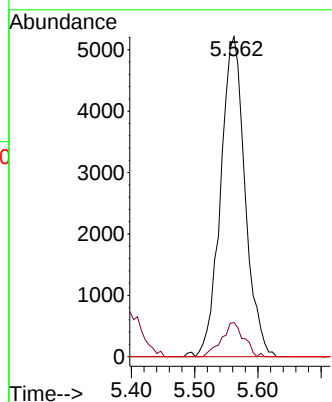
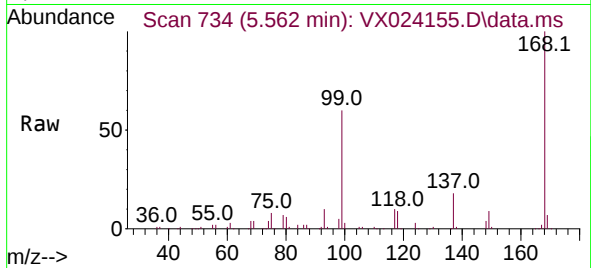




#36
1,1-Dichloropropene
Concen: 4.961 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX024155.D
Acq: 10 Sep 2021 10:48

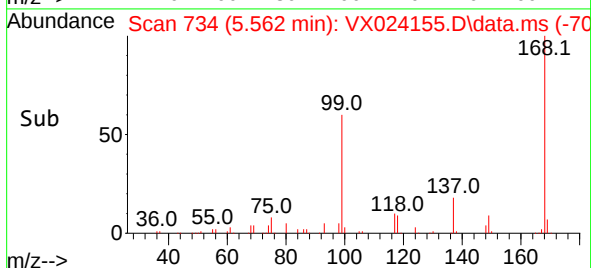
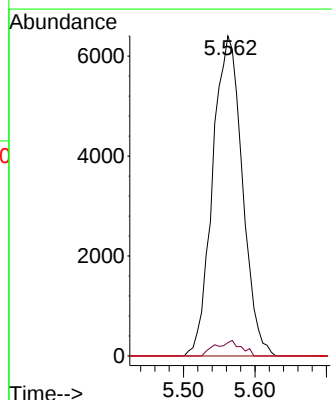
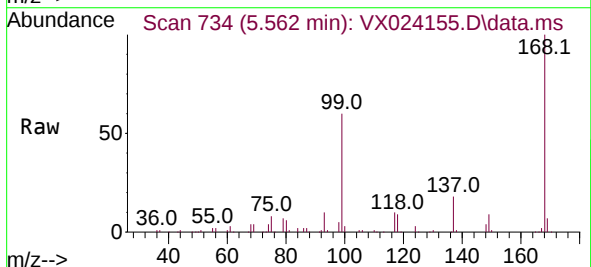
Instrument :
MSVOA_X
ClientSampled :

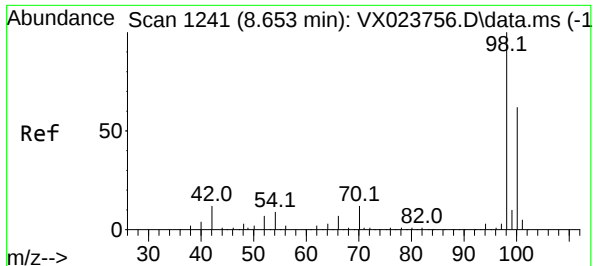
Tgt Ion: 75 Resp: 13964
Ion Ratio Lower Upper
75 100
110 9.8 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.282 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX024155.D
Acq: 10 Sep 2021 10:48

Tgt Ion: 117 Resp: 18437
Ion Ratio Lower Upper
117 100
119 4.1 76.2 114.2#
121 0.0 24.8 37.2#





#50

Toluene-d8

Concen: 50.871 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX024155.D

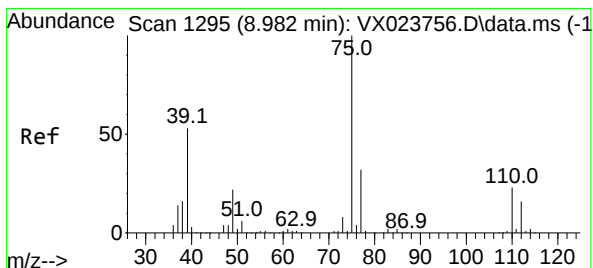
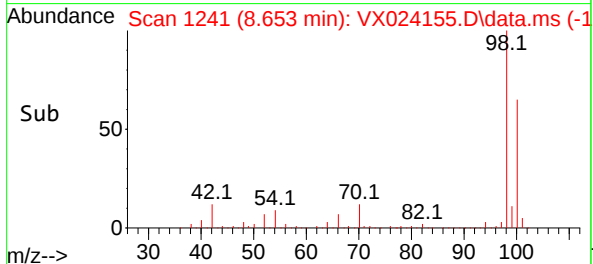
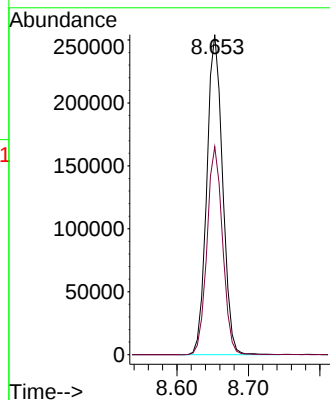
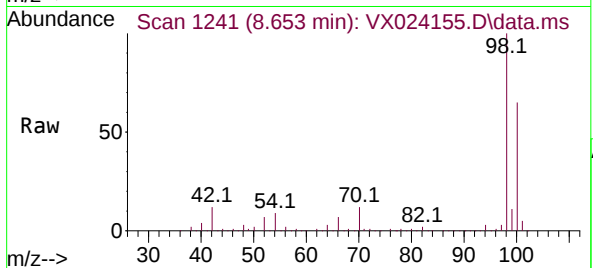
Acq: 10 Sep 2021 10:48

Tgt Ion: 98 Resp: 389470

Ion Ratio Lower Upper

98 100

100 64.0 51.9 77.9



#53

t-1,3-Dichloropropene

Concen: 2.150 ug/l

RT: 8.982 min Scan# 1295

Delta R.T. 0.000 min

Lab File: VX024155.D

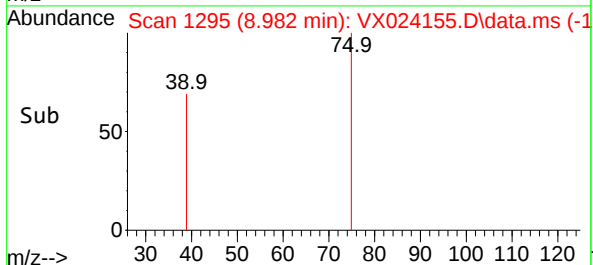
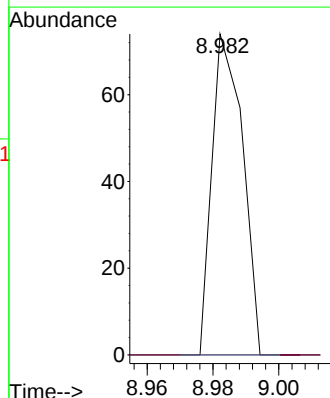
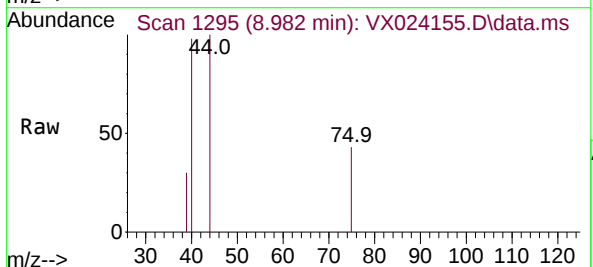
Acq: 10 Sep 2021 10:48

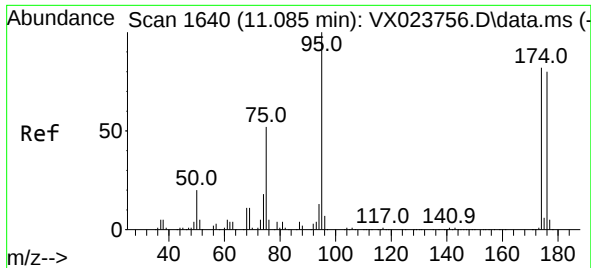
Tgt Ion: 75 Resp: 48

Ion Ratio Lower Upper

75 100

77 0.0 24.9 37.3#

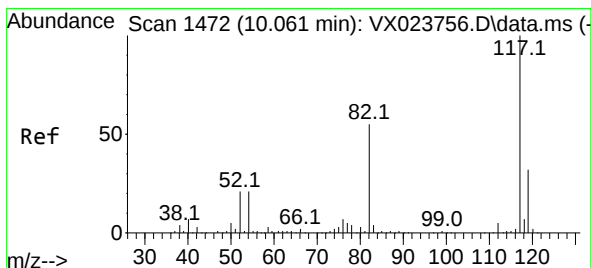
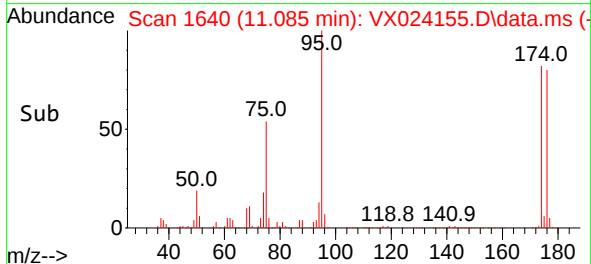
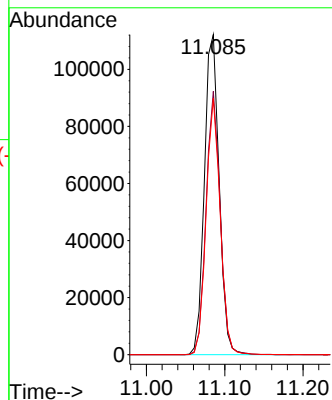
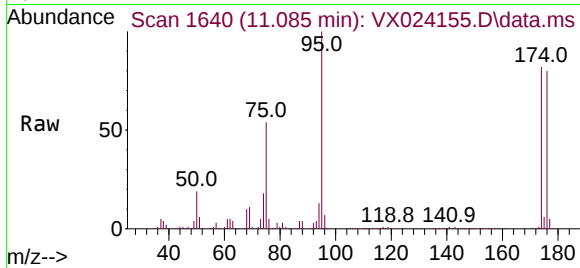




#62
4-Bromofluorobenzene
Concen: 51.993 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024155.D
Acq: 10 Sep 2021 10:48

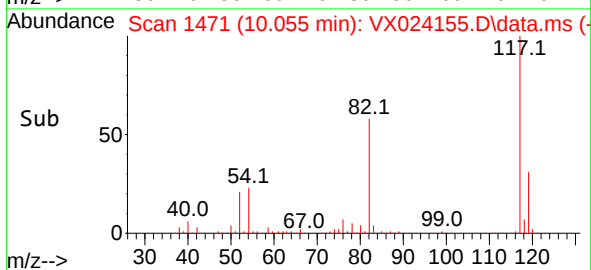
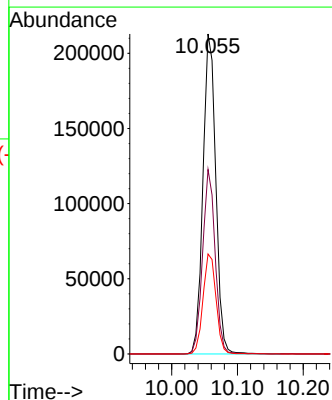
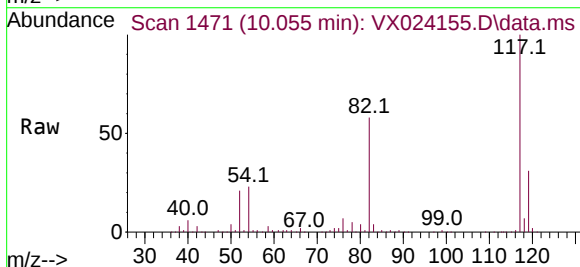
Instrument :
MSVOA_X
ClientSampled :

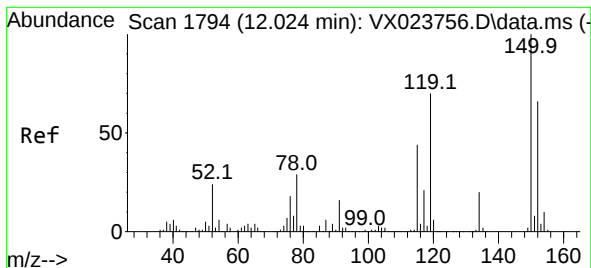
Tgt Ion: 95 Resp: 146536
Ion Ratio Lower Upper
95 100
174 78.9 0.0 154.6
176 76.5 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX024155.D
Acq: 10 Sep 2021 10:48

Tgt Ion: 117 Resp: 287753
Ion Ratio Lower Upper
117 100
82 57.7 47.4 71.2
119 31.2 26.6 39.8

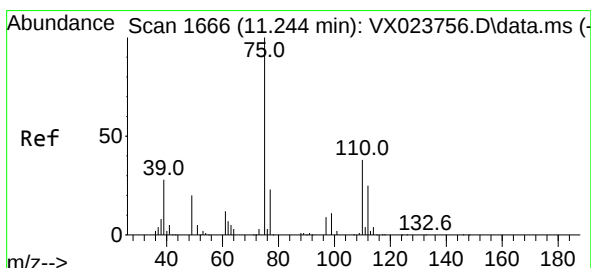
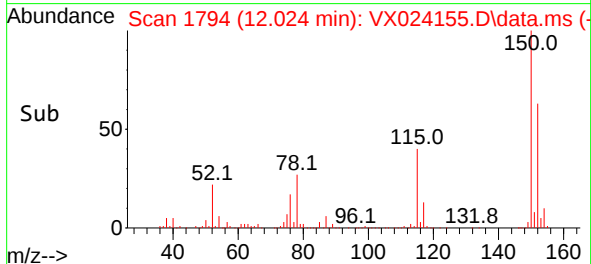
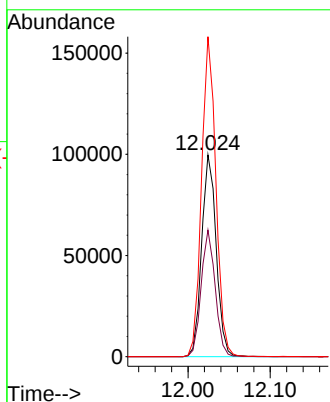
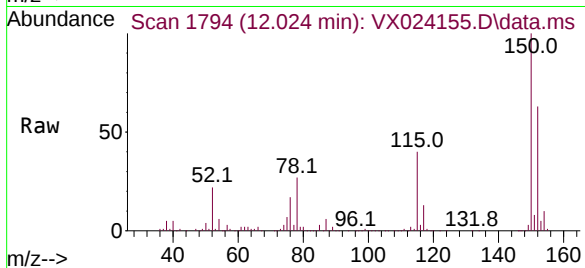




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX024155.D
 Acq: 10 Sep 2021 10:48

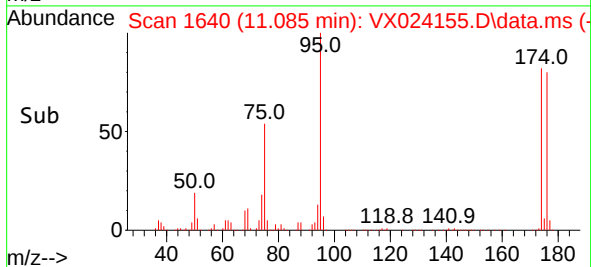
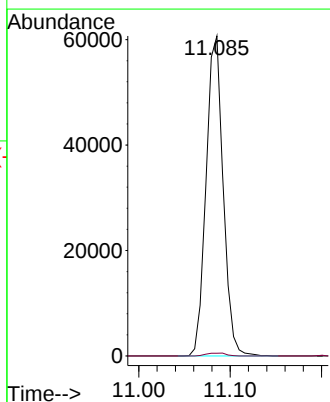
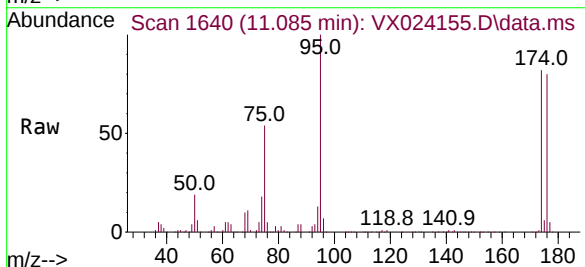
Instrument :
 MSVOA_X
 ClientSampled :

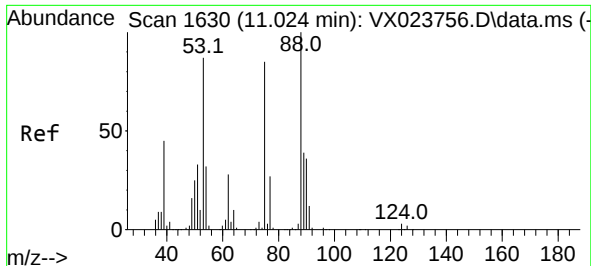
Tgt Ion:152 Resp: 122529
 Ion Ratio Lower Upper
 152 100
 115 60.6 41.1 123.3
 150 156.2 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 27.442 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX024155.D
 Acq: 10 Sep 2021 10:48

Tgt Ion: 75 Resp: 78437
 Ion Ratio Lower Upper
 75 100
 77 1.0 19.1 57.5#

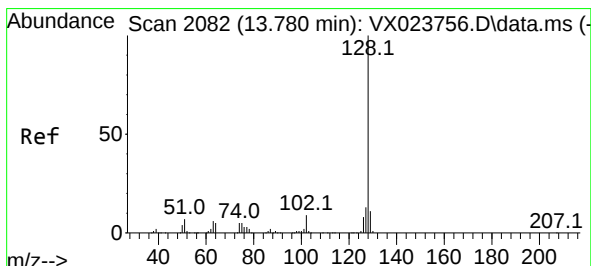
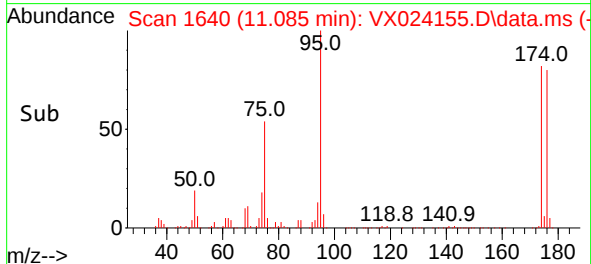
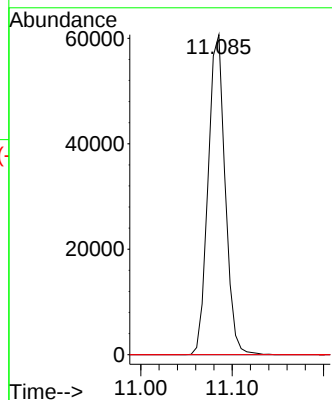
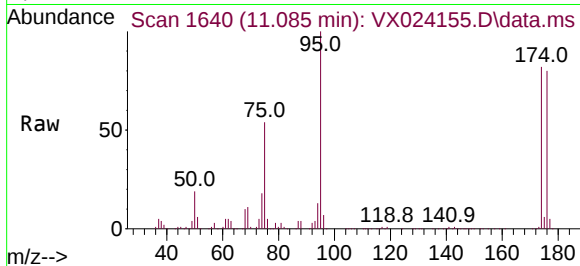




#81
trans-1,4-Dichloro-2-butene
Concen: 80.722 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX024155.D
Acq: 10 Sep 2021 10:48

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 75 Resp: 78437
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#



#95
Naphthalene
Concen: 1.305 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX024155.D
Acq: 10 Sep 2021 10:48

Tgt Ion: 128 Resp: 209
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

