

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092524\
 Data File : VX043157.D
 Acq On : 25 Sep 2024 16:44
 Operator : JC/MD
 Sample : P4164-20
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 26 01:38:01 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092324W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 24 03:13:52 2024
 Response via : Initial Calibration

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

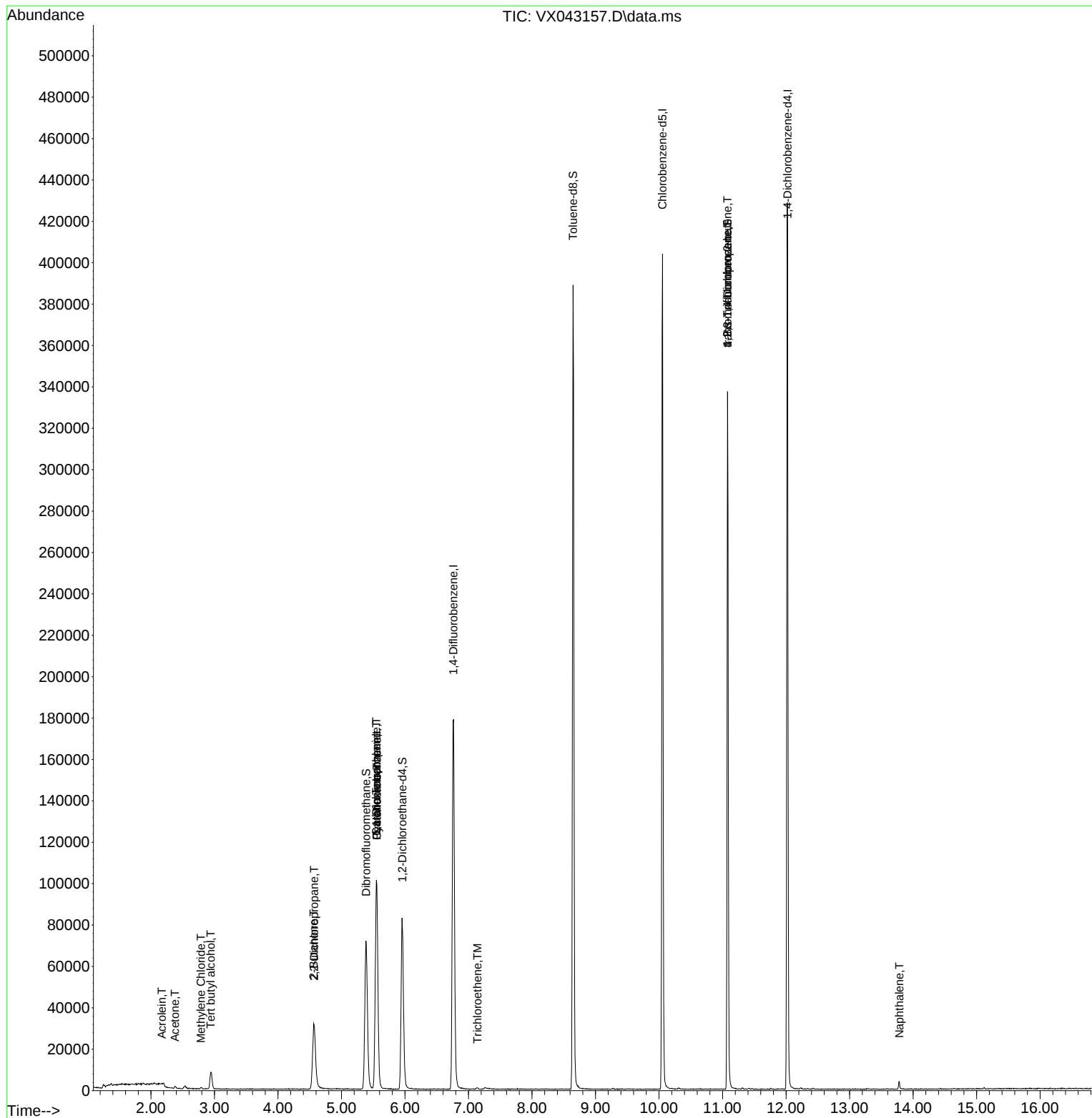
Internal Standards						
1) Pentafluorobenzene	5.556	168	91170	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	181670	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	172848	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	87943	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	82413	54.420	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 108.840%	
35) Dibromofluoromethane	5.385	113	63127	49.258	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 98.520%	
50) Toluene-d8	8.647	98	223506	51.549	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 103.100%	
62) 4-Bromofluorobenzene	11.079	95	90837	52.023	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 104.040%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.940	59	4873	14.412	ug/l #	73
13) Acrolein	2.172	56	19	0.427	ug/l #	1
16) Acetone	2.380	43	1190	1.680	ug/l	92
20) Methylene Chloride	2.788	84	335	0.297	ug/l #	67
25) 2-Butanone	4.562	43	2174	2.381	ug/l #	72
26) 2,2-Dichloropropane	4.568	77	2399	1.220	ug/l #	54
31) Cyclohexane	5.556	56	2345	1.575	ug/l #	43
36) 1,1-Dichloropropene	5.550	75	8141	5.170	ug/l #	50
38) Carbon Tetrachloride	5.550	117	10274	5.065	ug/l #	16
44) Trichloroethene	7.141	130	330	0.260	ug/l	93
76) 1,2,3-Trichloropropane	11.079	75	50241	26.871	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	50241	64.022	ug/l #	7
95) Naphthalene	13.786	128	2978	0.486	ug/l	97

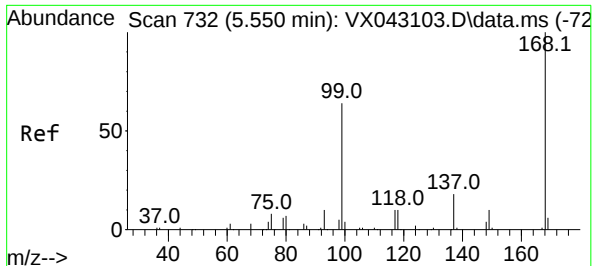
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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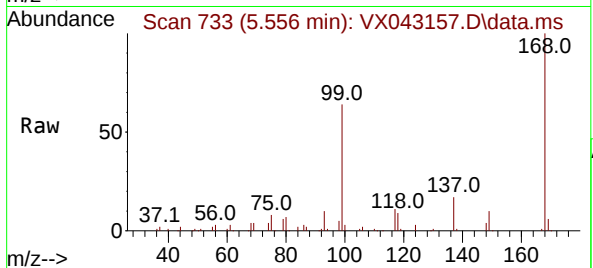
Quant Time: Sep 26 01:38:01 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092324W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 24 03:13:52 2024
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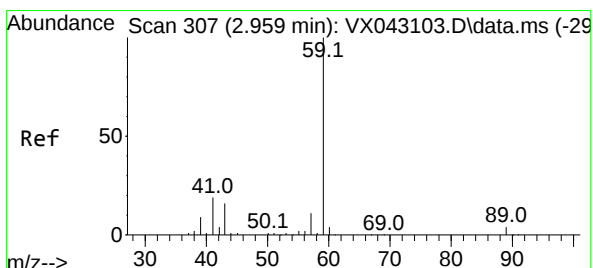
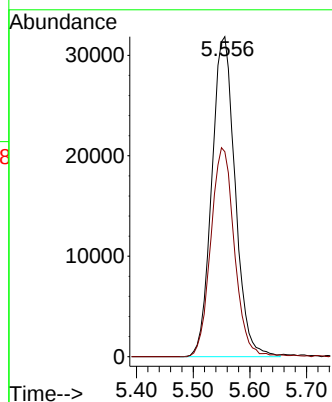
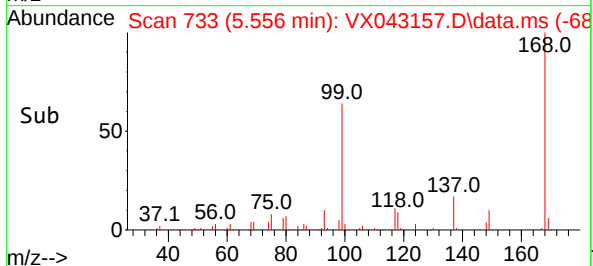


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX043157.D
Acq: 25 Sep 2024 16:44

Instrument :
MSVOA_X
ClientSampleId :

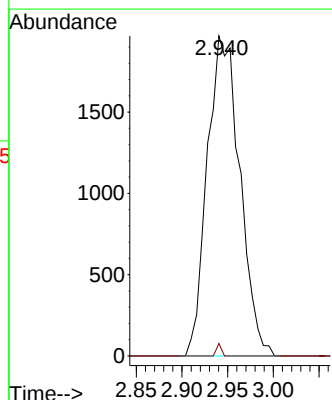
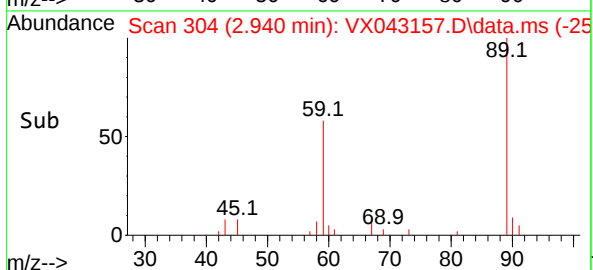
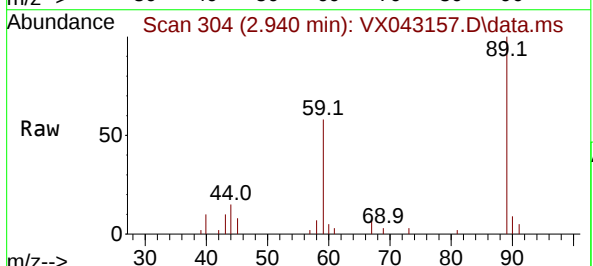


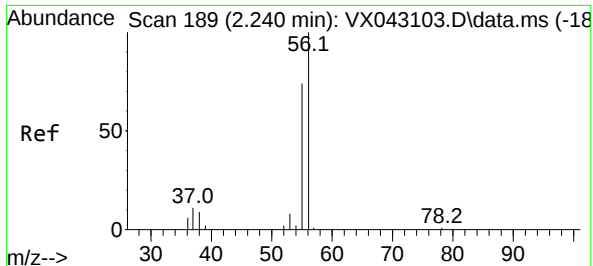
Tgt Ion:168 Resp: 91170
Ion Ratio Lower Upper
168 100
99 64.1 50.8 76.2



#11
Tert butyl alcohol
Concen: 14.412 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.019 min
Lab File: VX043157.D
Acq: 25 Sep 2024 16:44

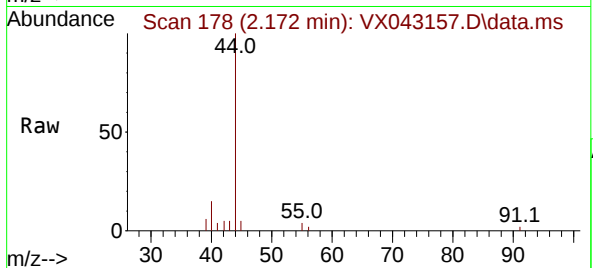
Tgt Ion: 59 Resp: 4873
Ion Ratio Lower Upper
59 100
57 0.6 8.6 13.0#



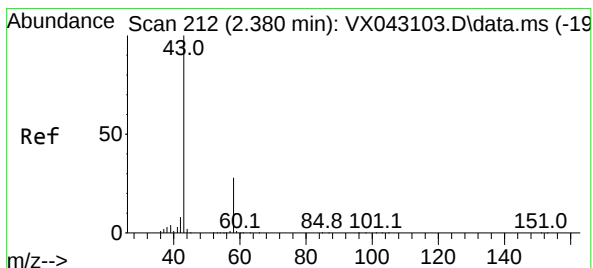
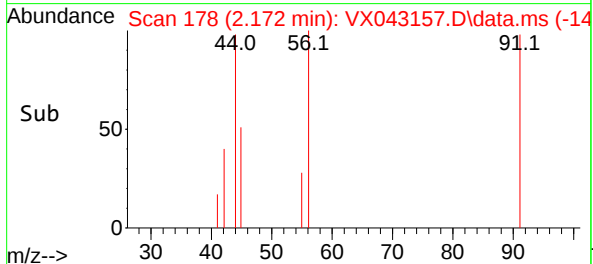
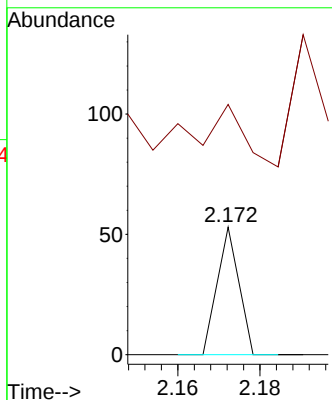


#13
Acrolein
Concen: 0.427 ug/l
RT: 2.172 min Scan# 11
Delta R.T. -0.067 min
Lab File: VX043157.D
Acq: 25 Sep 2024 16:44

Instrument :
MSVOA_X
ClientSampleId :

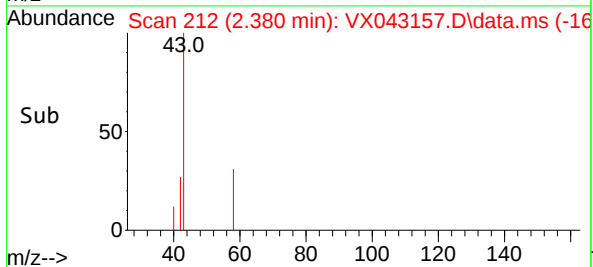
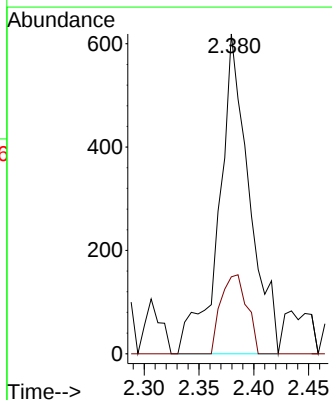
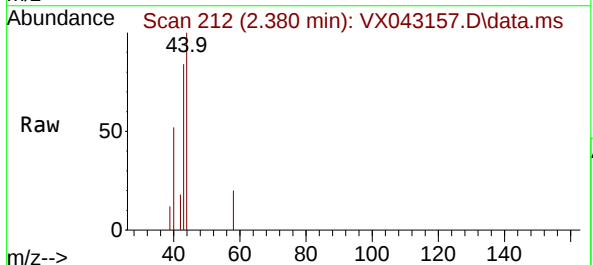


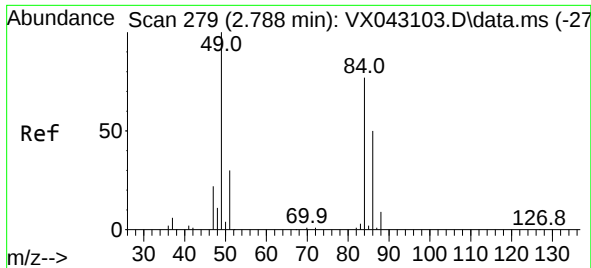
Tgt Ion: 56 Resp: 19
Ion Ratio Lower Upper
56 100
55 1221.1 55.8 83.6#



#16
Acetone
Concen: 1.680 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX043157.D
Acq: 25 Sep 2024 16:44

Tgt Ion: 43 Resp: 1190
Ion Ratio Lower Upper
43 100
58 24.1 22.6 34.0

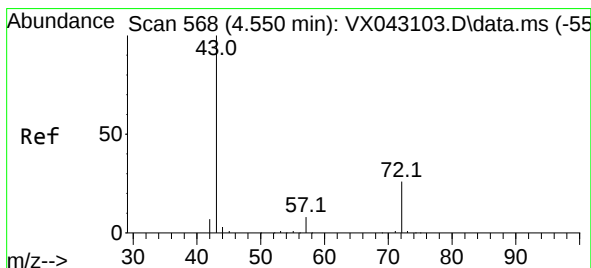
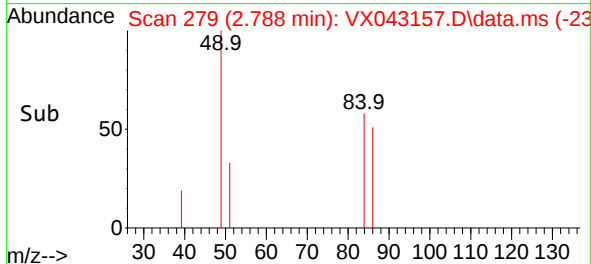
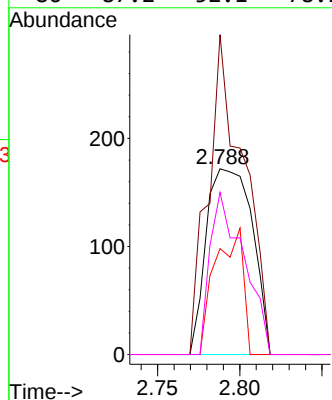
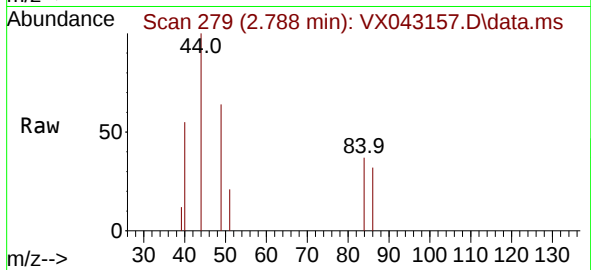




#20
Methylene Chloride
Concen: 0.297 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX043157.D
Acq: 25 Sep 2024 16:44

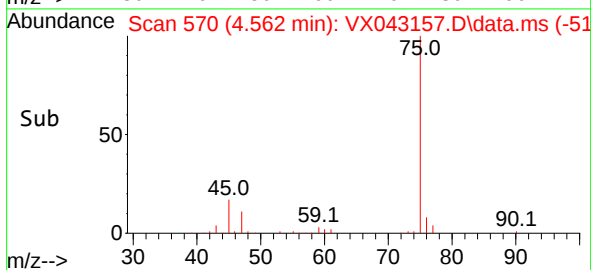
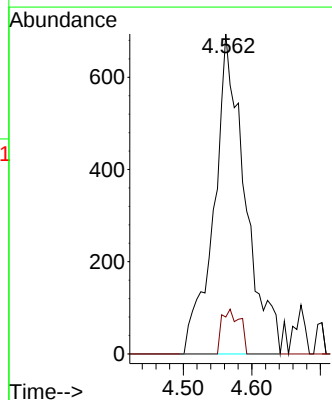
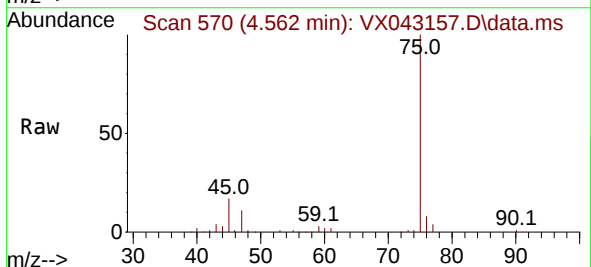
Instrument :
MSVOA_X
ClientSampleId :

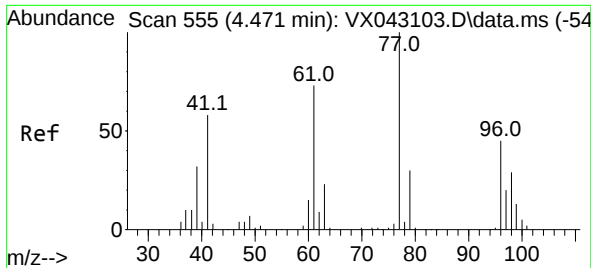
Tgt Ion: 84 Resp: 335
Ion Ratio Lower Upper
84 100
49 172.1 104.1 156.1#
51 57.0 31.1 46.7#
86 87.2 52.1 78.1#



#25
2-Butanone
Concen: 2.381 ug/l
RT: 4.562 min Scan# 570
Delta R.T. 0.012 min
Lab File: VX043157.D
Acq: 25 Sep 2024 16:44

Tgt Ion: 43 Resp: 2174
Ion Ratio Lower Upper
43 100
72 11.5 20.7 31.1#

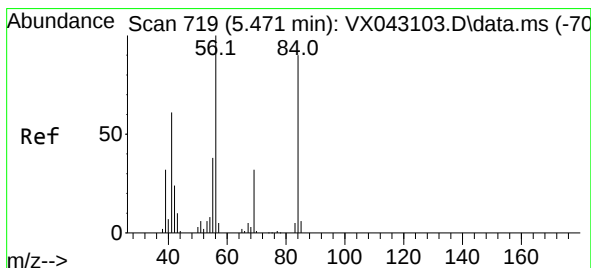
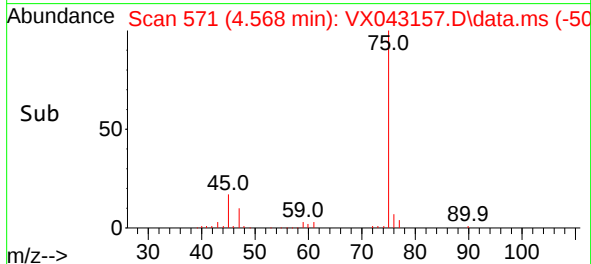
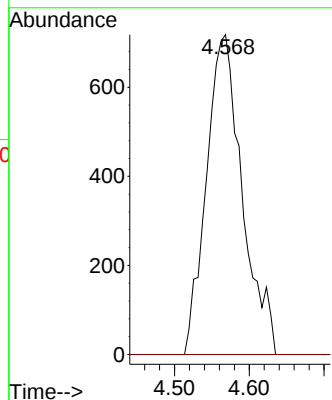
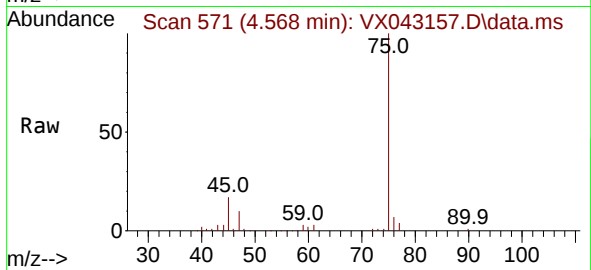




#26
2,2-Dichloropropane
Concen: 1.220 ug/l
RT: 4.568 min Scan# 51
Delta R.T. 0.097 min
Lab File: VX043157.D
Acq: 25 Sep 2024 16:44

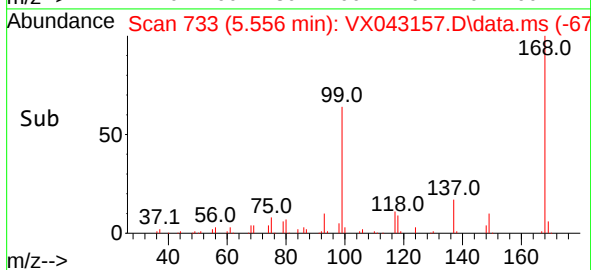
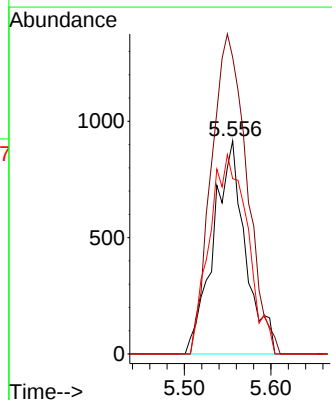
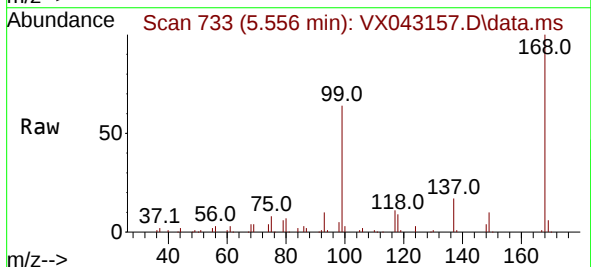
Instrument :
MSVOA_X
ClientSampleId :

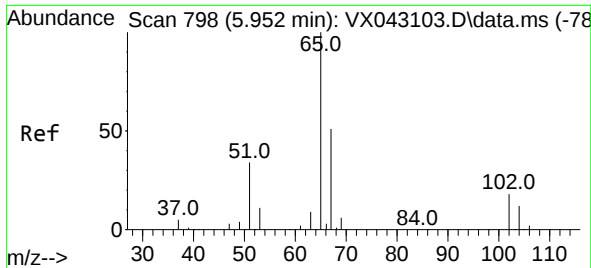
Tgt Ion: 77 Resp: 2399
Ion Ratio Lower Upper
77 100
97 0.0 10.8 32.3#



#31
Cyclohexane
Concen: 1.575 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.085 min
Lab File: VX043157.D
Acq: 25 Sep 2024 16:44

Tgt Ion: 56 Resp: 2345
Ion Ratio Lower Upper
56 100
69 139.2 25.8 38.6#
84 82.2 72.4 108.6

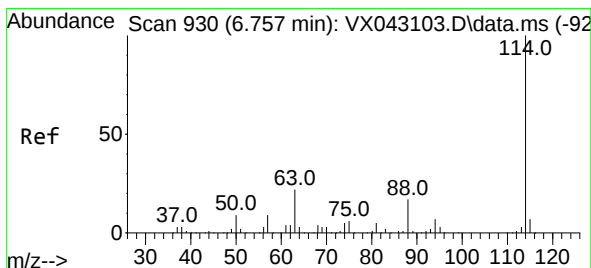
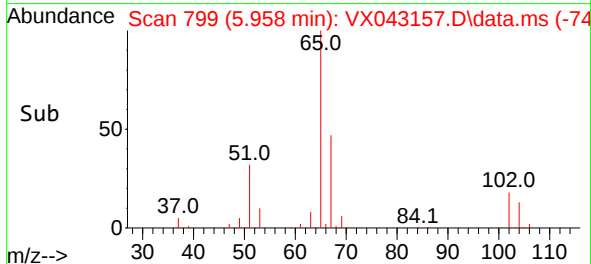
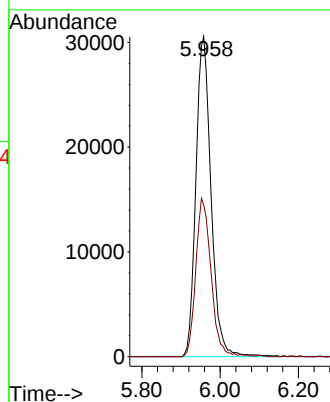
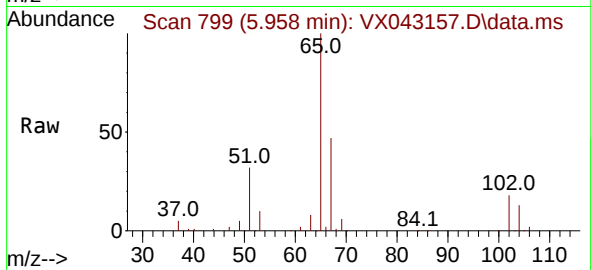




#33
 1,2-Dichloroethane-d4
 Concen: 54.420 ug/l
 RT: 5.958 min Scan# 798
 Delta R.T. 0.006 min
 Lab File: VX043157.D
 Acq: 25 Sep 2024 16:44

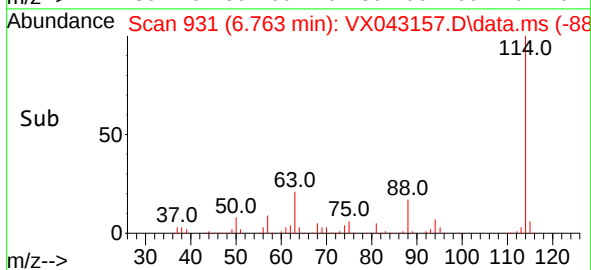
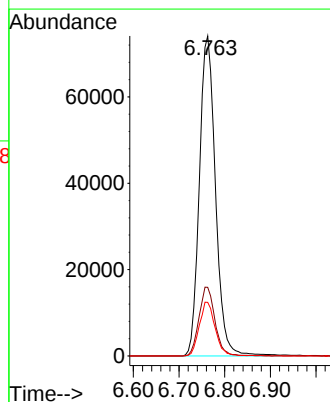
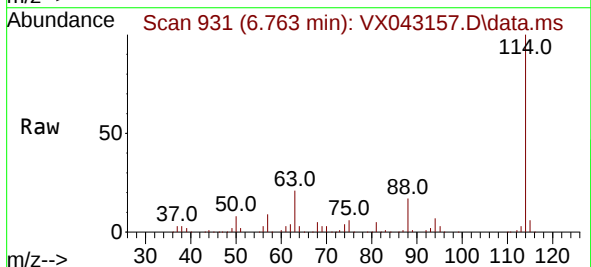
Instrument :
 MSVOA_X
 ClientSampleId :

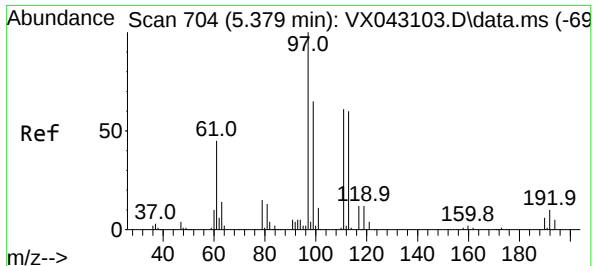
Tgt Ion: 65 Resp: 82413
 Ion Ratio Lower Upper
 65 100
 67 49.5 0.0 99.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.006 min
 Lab File: VX043157.D
 Acq: 25 Sep 2024 16:44

Tgt Ion: 114 Resp: 181670
 Ion Ratio Lower Upper
 114 100
 63 21.5 0.0 43.2
 88 16.8 0.0 33.4





#35

Dibromofluoromethane

Concen: 49.258 ug/l

RT: 5.385 min Scan# 704

Delta R.T. 0.006 min

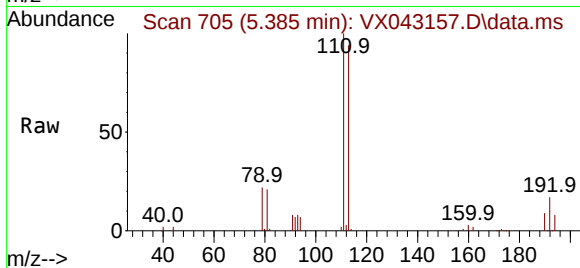
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Acq: 25 Sep 2024 16:44

Instrument :

MSVOA_X

ClientSampleId :



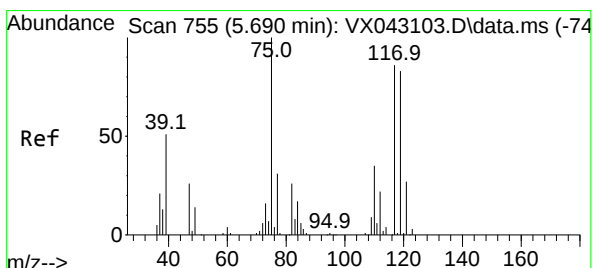
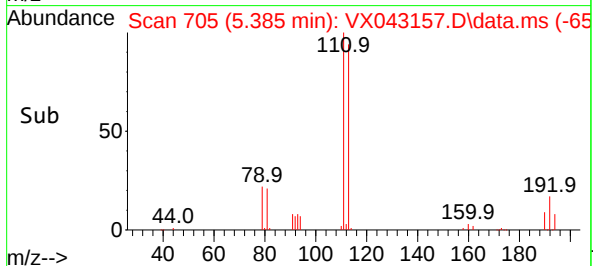
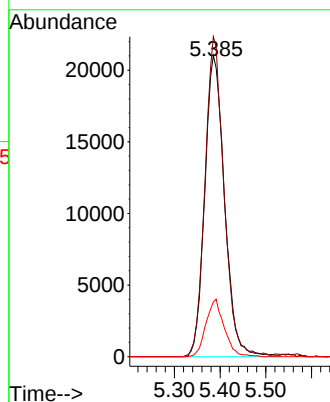
Tgt Ion:113 Resp: 63127

Ion Ratio Lower Upper

113 100

111 102.4 82.6 124.0

192 17.6 14.6 22.0



#36

1,1-Dichloropropene

Concen: 5.170 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.140 min

Lab File: VX043157.D

Acq: 25 Sep 2024 16:44

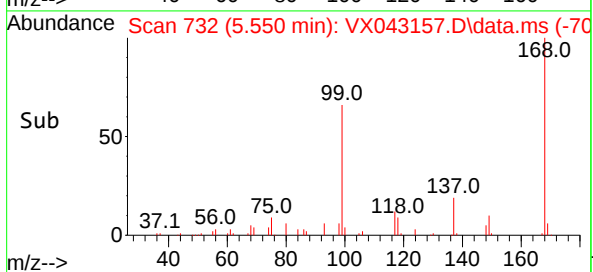
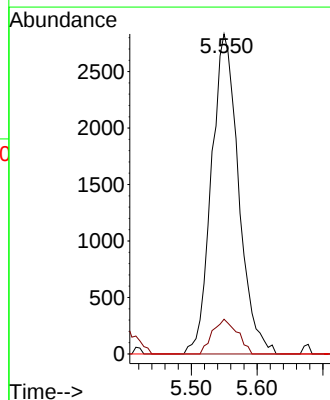
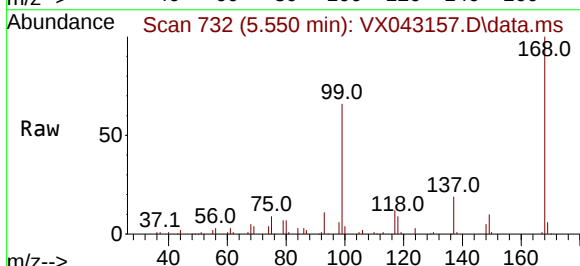
Tgt Ion: 75 Resp: 8141

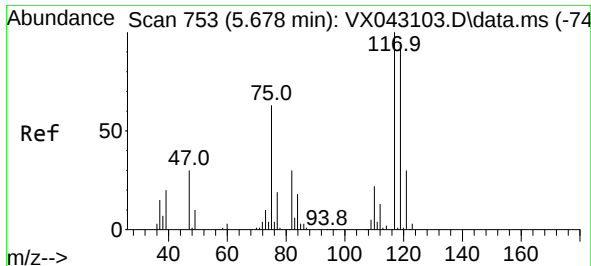
Ion Ratio Lower Upper

75 100

110 9.9 17.8 53.4#

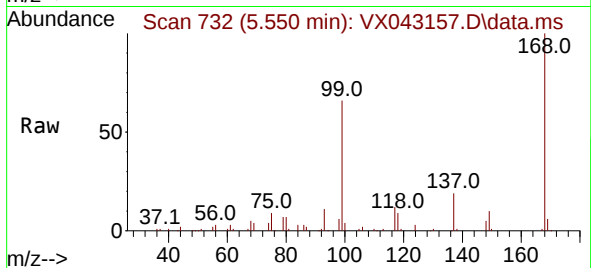
77 0.0 25.2 37.8#



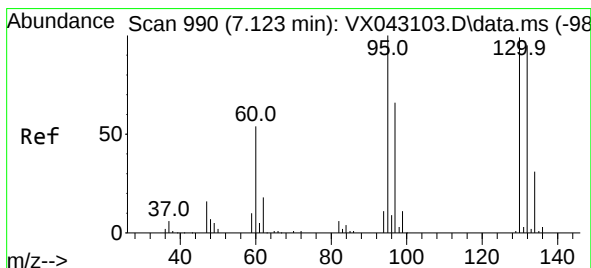
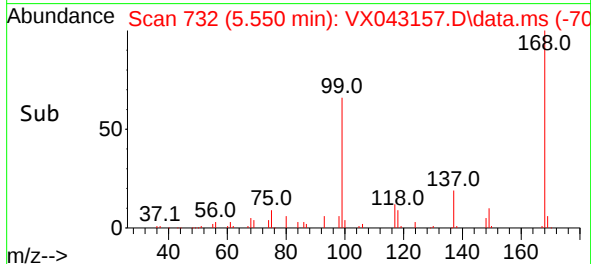
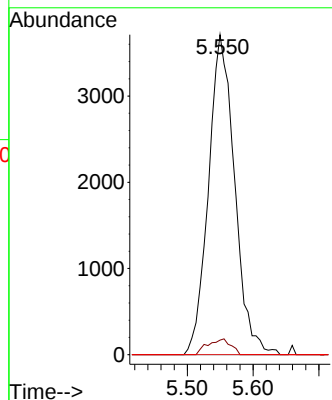


#38
Carbon Tetrachloride
Concen: 5.065 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX043157.D
Acq: 25 Sep 2024 16:44

Instrument :
MSVOA_X
ClientSampleId :

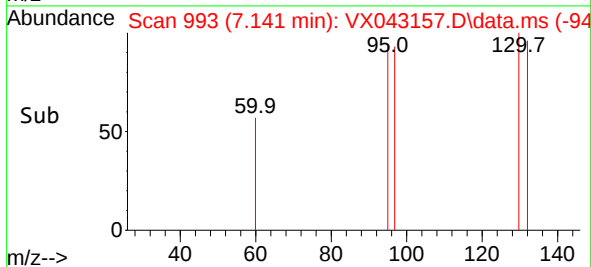
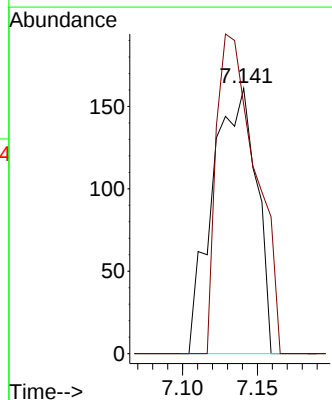
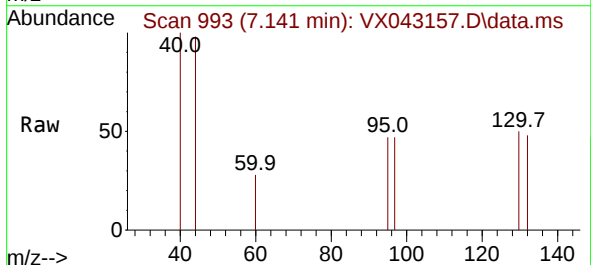


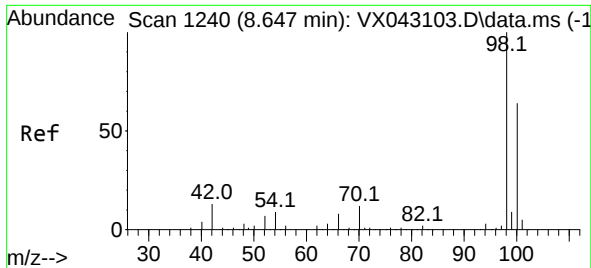
Tgt Ion:117 Resp: 10274
Ion Ratio Lower Upper
117 100
119 4.6 75.5 113.3#
121 0.0 24.2 36.2#



#44
Trichloroethene
Concen: 0.260 ug/l
RT: 7.141 min Scan# 993
Delta R.T. 0.018 min
Lab File: VX043157.D
Acq: 25 Sep 2024 16:44

Tgt Ion:130 Resp: 330
Ion Ratio Lower Upper
130 100
95 93.8 0.0 201.6

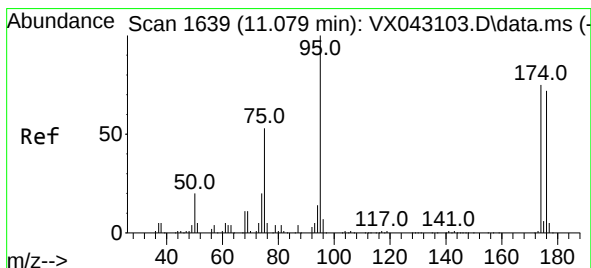
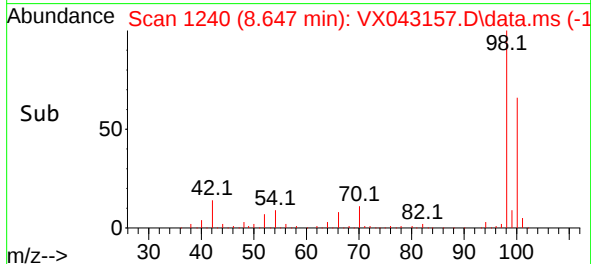
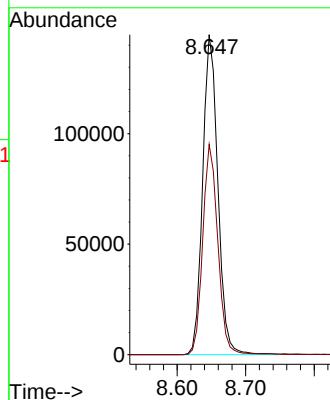
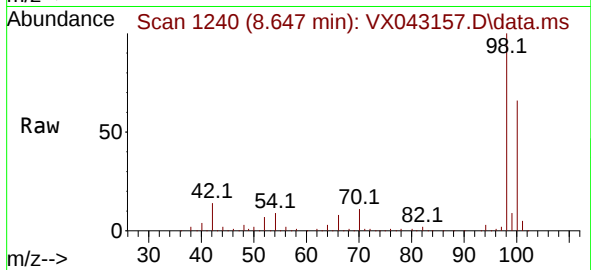




#50
Toluene-d8
Concen: 51.549 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX043157.D
Acq: 25 Sep 2024 16:44

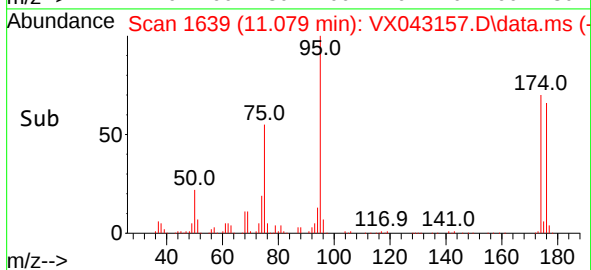
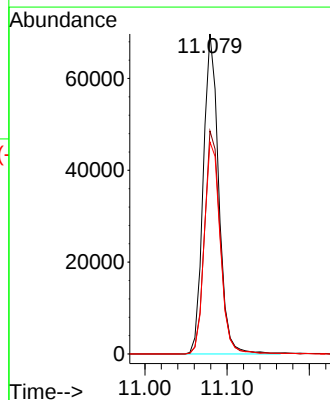
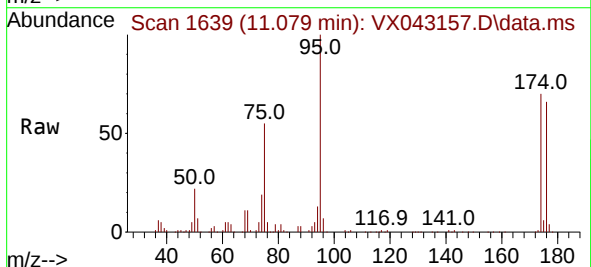
Instrument :
MSVOA_X
ClientSampleId :

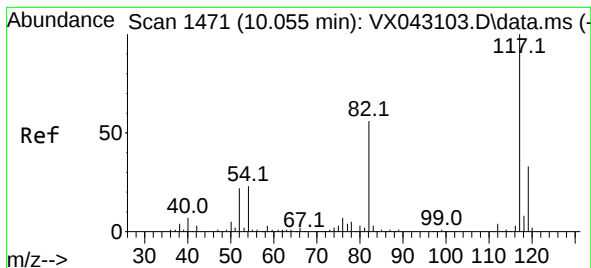
Tgt Ion: 98 Resp: 223506
Ion Ratio Lower Upper
98 100
100 65.5 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 52.023 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX043157.D
Acq: 25 Sep 2024 16:44

Tgt Ion: 95 Resp: 90837
Ion Ratio Lower Upper
95 100
174 71.1 0.0 146.0
176 68.8 0.0 142.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX043157.D

Acq: 25 Sep 2024 16:44

Instrument :

MSVOA_X

ClientSampleId :

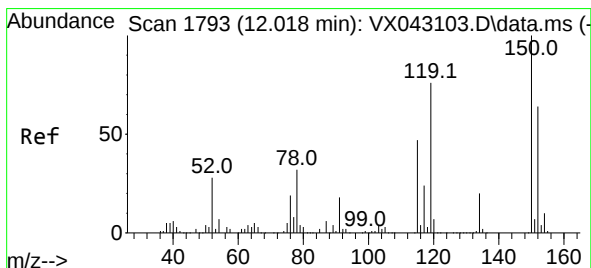
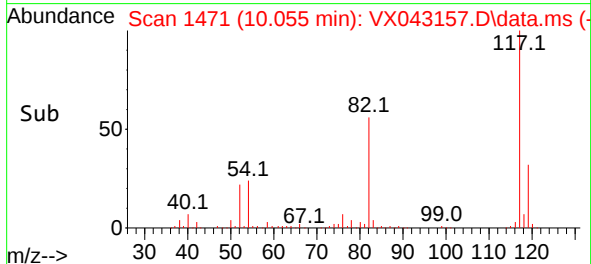
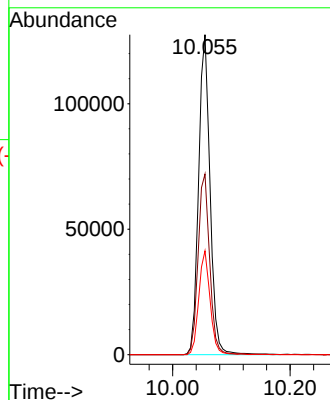
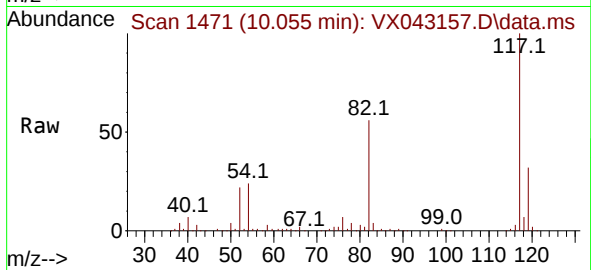
Tgt Ion:117 Resp: 172848

Ion Ratio Lower Upper

117 100

82 56.4 44.7 67.1

119 32.4 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.006 min

Lab File: VX043157.D

Acq: 25 Sep 2024 16:44

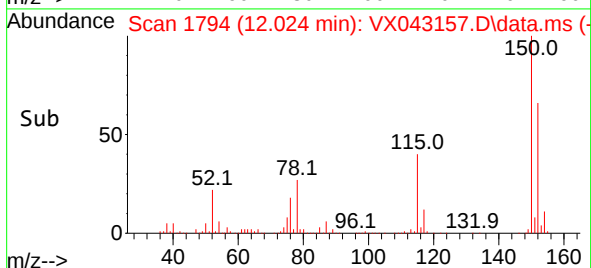
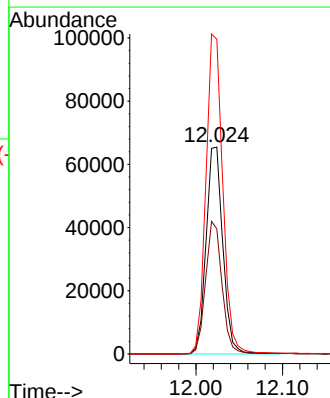
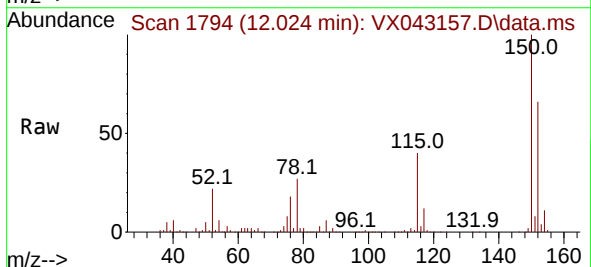
Tgt Ion:152 Resp: 87943

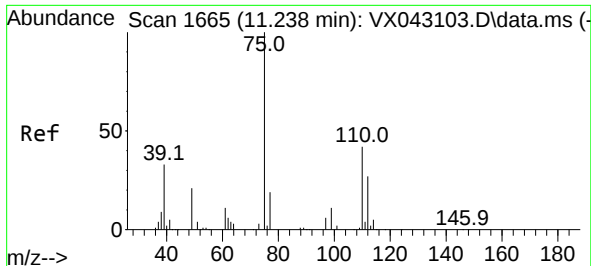
Ion Ratio Lower Upper

152 100

115 63.0 43.7 131.1

150 155.6 0.0 344.6

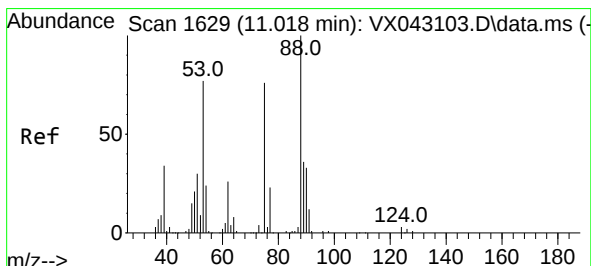
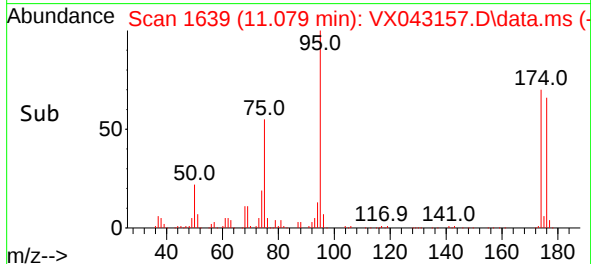
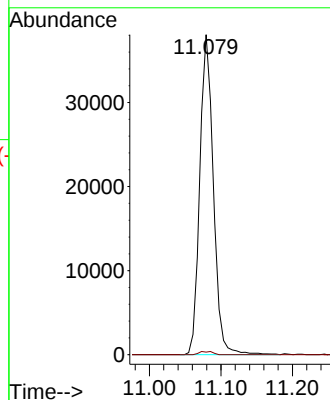
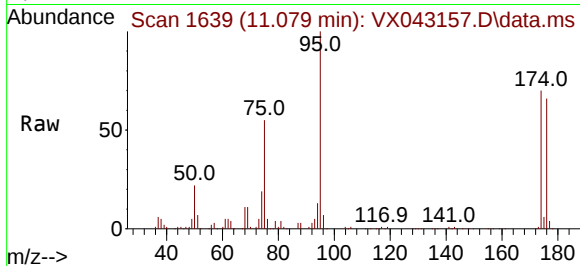




#76
1,2,3-Trichloropropane
Concen: 26.871 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX043157.D
Acq: 25 Sep 2024 16:44

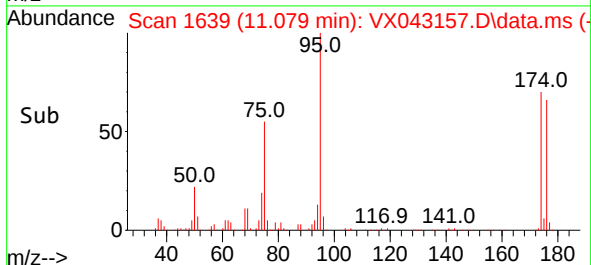
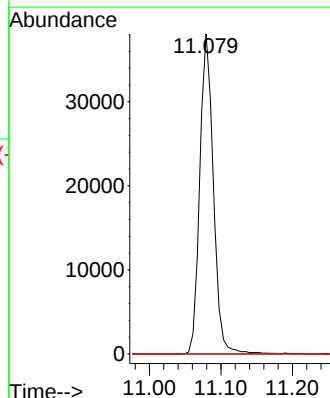
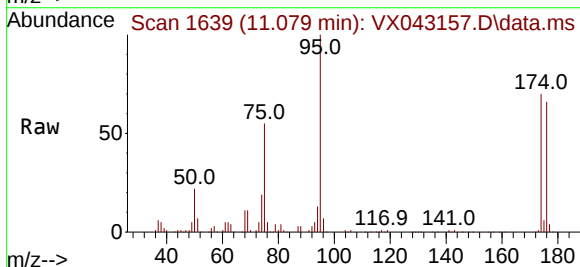
Instrument :
MSVOA_X
ClientSampleId :

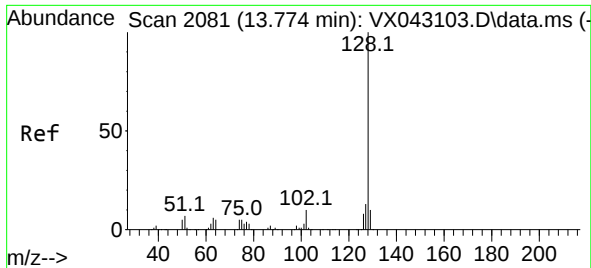
Tgt Ion: 75 Resp: 50241
Ion Ratio Lower Upper
75 100
77 1.0 21.9 65.7#



#81
trans-1,4-Dichloro-2-butene
Concen: 64.022 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX043157.D
Acq: 25 Sep 2024 16:44

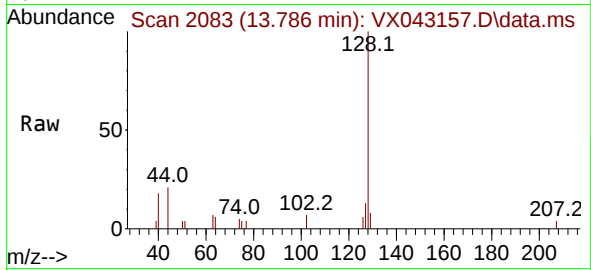
Tgt Ion: 75 Resp: 50241
Ion Ratio Lower Upper
75 100
53 0.0 85.4 128.2#
89 0.0 38.8 58.2#





#95
Naphthalene
Concen: 0.486 ug/l
RT: 13.786 min Scan# 2083
Delta R.T. 0.012 min
Lab File: VX043157.D
Acq: 25 Sep 2024 16:44

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:	128	Resp:	2978
Ion	Ratio	Lower	Upper
128	100		
127	13.9	10.2	15.4
129	9.5	8.6	13.0

