

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102924\
 Data File : VX043590.D
 Acq On : 29 Oct 2024 12:33
 Operator : JC/MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VIBLK

Quant Time: Oct 30 01:30:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 28 13:41:34 2024
 Response via : Initial Calibration

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

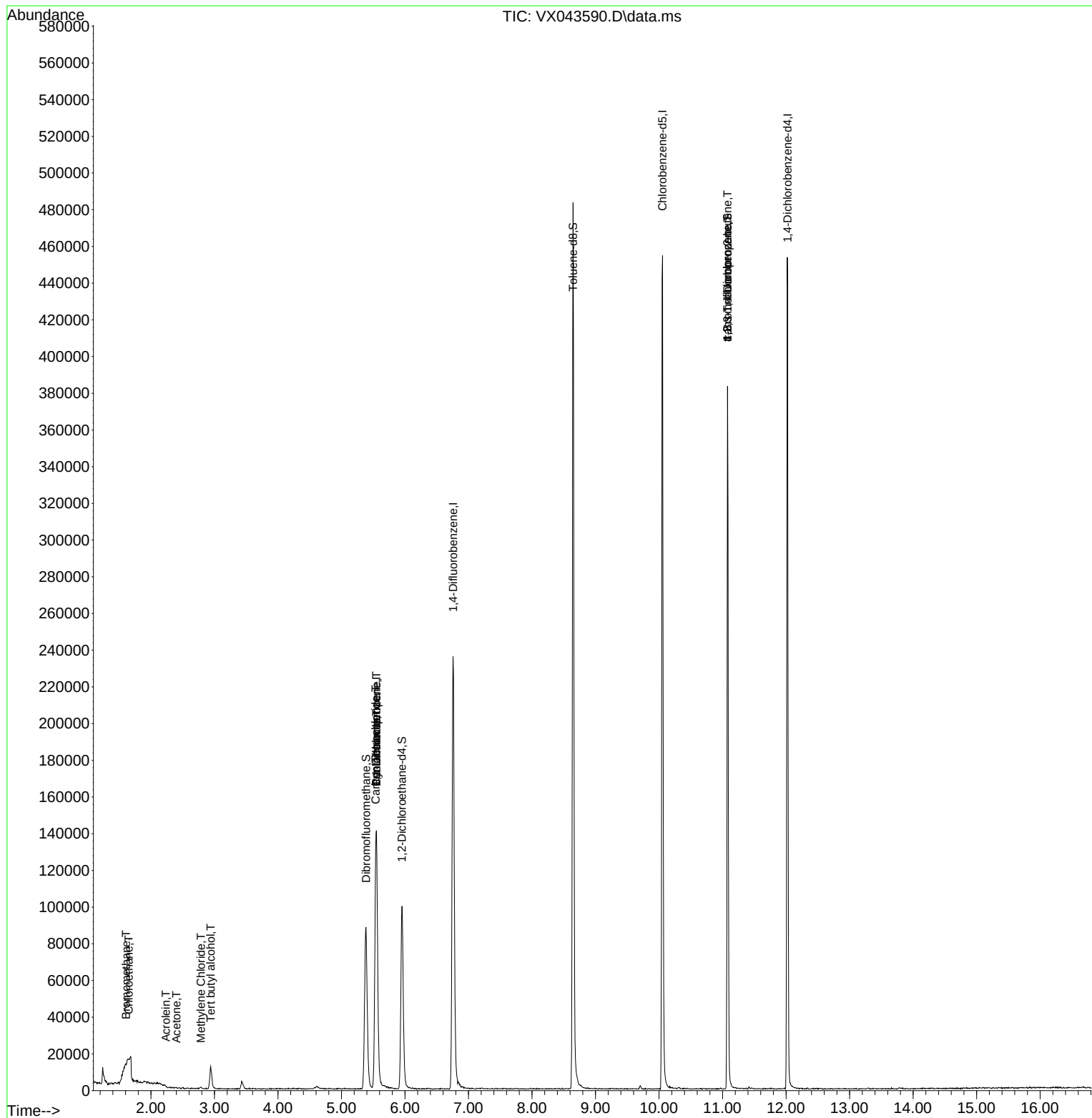
Internal Standards						
1) Pentafluorobenzene	5.550	168	139591	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	257439	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	221732	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	101113	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	95576	42.940	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	85.880%		
35) Dibromofluoromethane	5.385	113	78818	45.150	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	90.300%		
50) Toluene-d8	8.647	98	300341	49.701	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	99.400%		
62) 4-Bromofluorobenzene	11.079	95	107919	48.195	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	96.400%		
Target Compounds						Qvalue
5) Bromomethane	1.605	94	214	0.296	ug/l #	73
6) Chloroethane	1.648	64	169	0.271	ug/l #	55
11) Tert butyl alcohol	2.940	59	6749	16.245	ug/l #	100
13) Acrolein	2.233	56	74	0.228	ug/l #	59
16) Acetone	2.398	43	881	0.997	ug/l #	86
20) Methylene Chloride	2.788	84	394	0.207	ug/l #	81
31) Cyclohexane	5.550	56	2898	1.233	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	10710	5.174	ug/l #	51
38) Carbon Tetrachloride	5.537	117	14861	6.498	ug/l #	15
76) 1,2,3-Trichloropropane	11.079	75	53167	24.592	ug/l #	33
81) trans-1,4-Dichloro-2-b...	11.079	75	53167	67.654	ug/l #	7

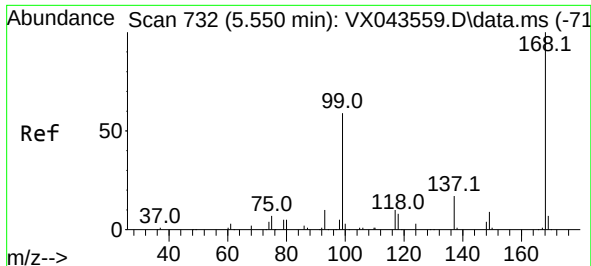
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102924\
Data File : VX043590.D
Acq On : 29 Oct 2024 12:33
Operator : JC/MD
Sample : VIBLK
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VIBLK

Quant Time: Oct 30 01:30:03 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102824W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 28 13:41:34 2024
Response via : Initial Calibration

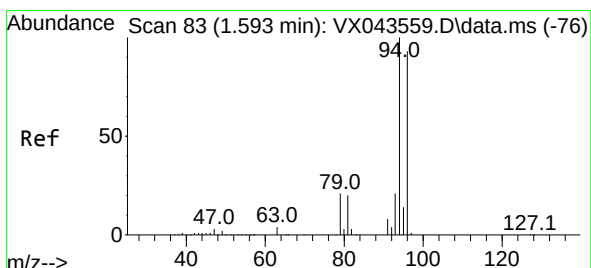
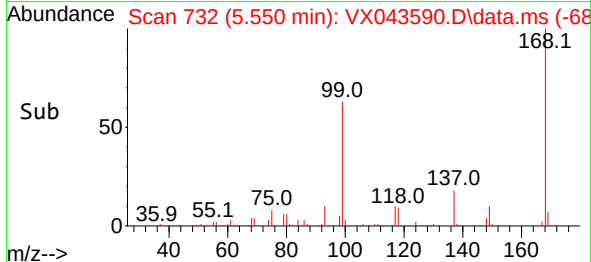
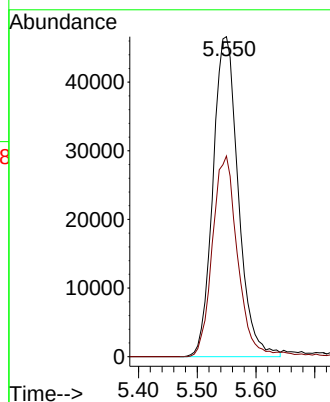
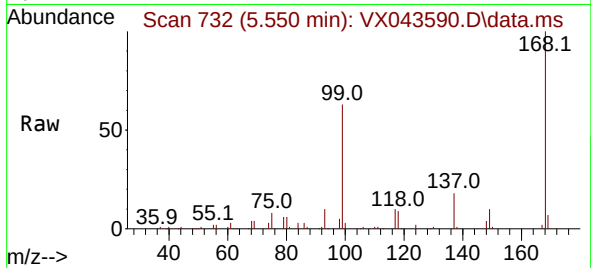




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX043590.D
Acq: 29 Oct 2024 12:33

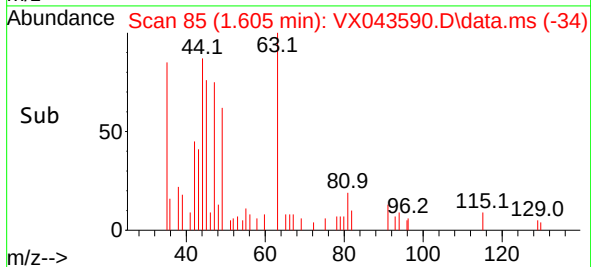
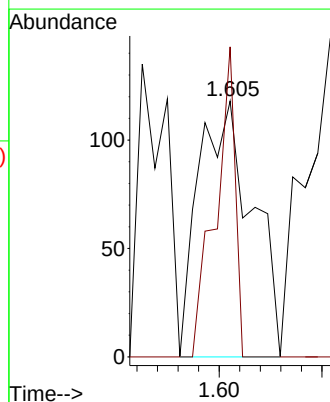
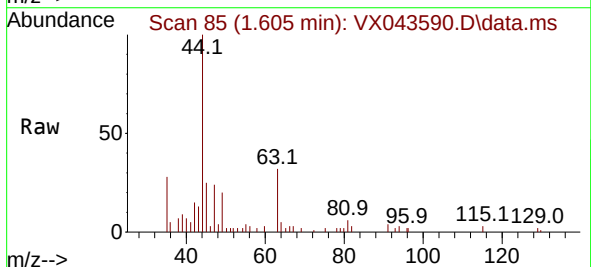
Instrument :
MSVOA_X
ClientSampleId :
VIBLK

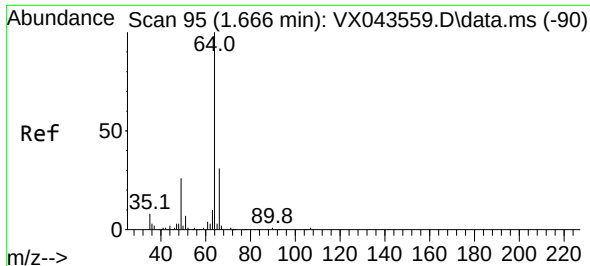
Tgt Ion:168 Resp: 139591
Ion Ratio Lower Upper
168 100
99 62.7 52.6 78.8



#5
Bromomethane
Concen: 0.296 ug/l
RT: 1.605 min Scan# 85
Delta R.T. 0.012 min
Lab File: VX043590.D
Acq: 29 Oct 2024 12:33

Tgt Ion: 94 Resp: 214
Ion Ratio Lower Upper
94 100
96 121.2 75.9 113.9#

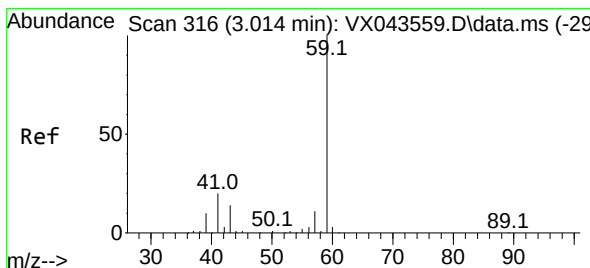
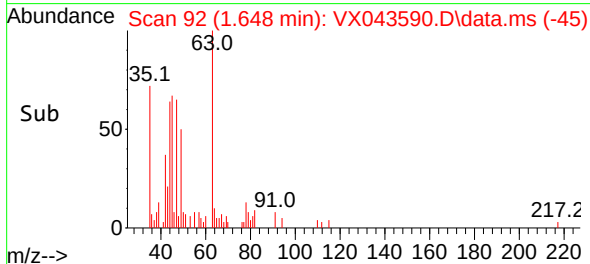
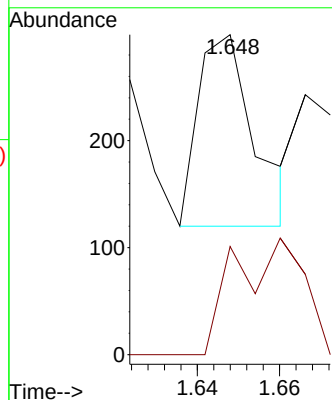
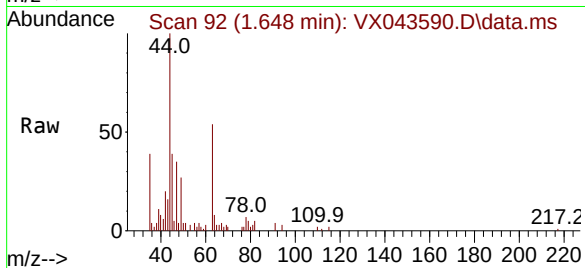




#6
Chloroethane
Concen: 0.271 ug/l
RT: 1.648 min Scan# 91
Delta R.T. -0.012 min
Lab File: VX043590.D
Acq: 29 Oct 2024 12:33

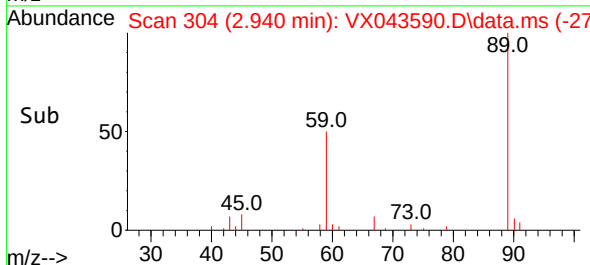
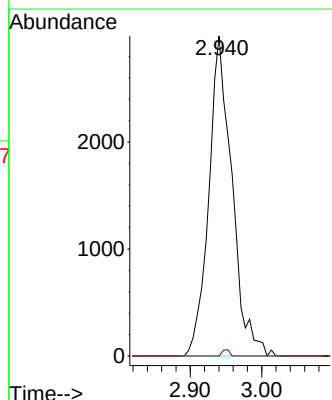
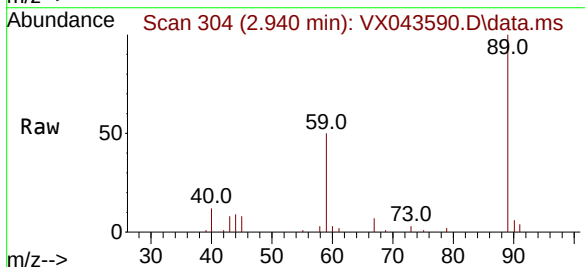
Instrument :
MSVOA_X
ClientSampleId :
VIBLK

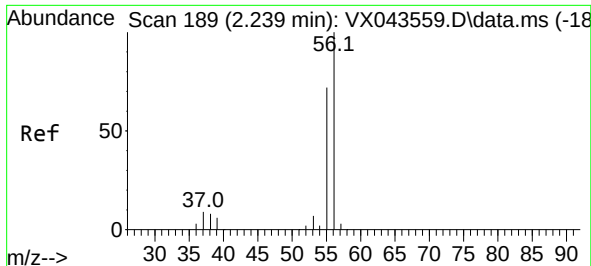
Tgt Ion: 64 Resp: 169
Ion Ratio Lower Upper
64 100
66 56.4 25.1 37.7#



#11
Tert butyl alcohol
Concen: 16.245 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.110 min
Lab File: VX043590.D
Acq: 29 Oct 2024 12:33

Tgt Ion: 59 Resp: 6749
Ion Ratio Lower Upper
59 100
57 0.6 0.0 0.0#

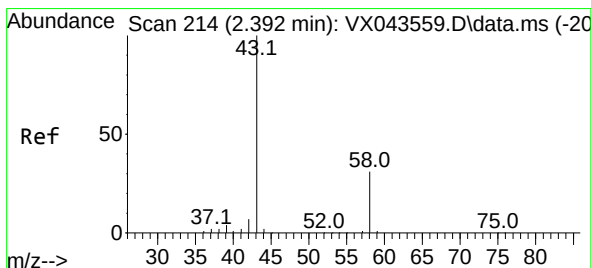
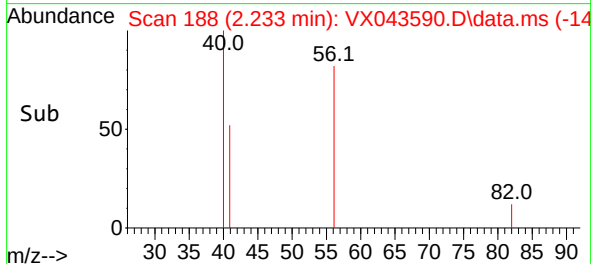
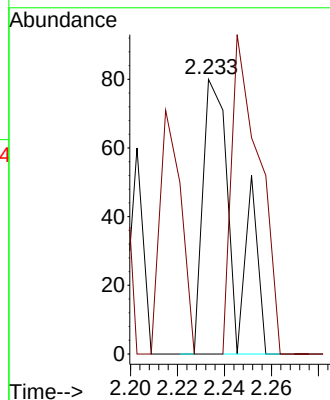
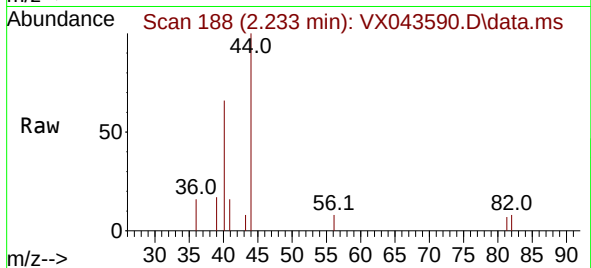




#13
Acrolein
Concen: 0.228 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX043590.D
Acq: 29 Oct 2024 12:33

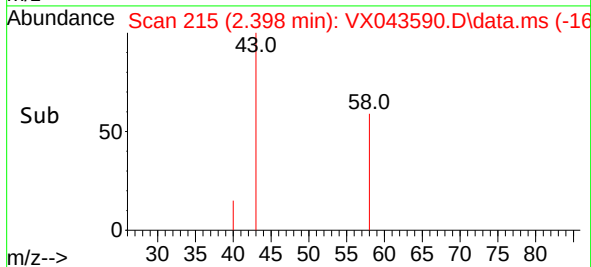
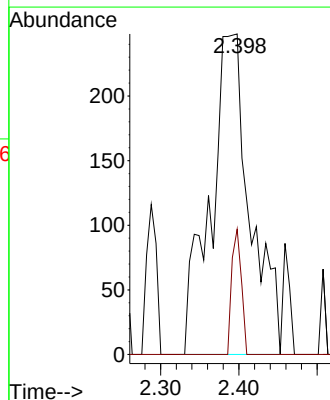
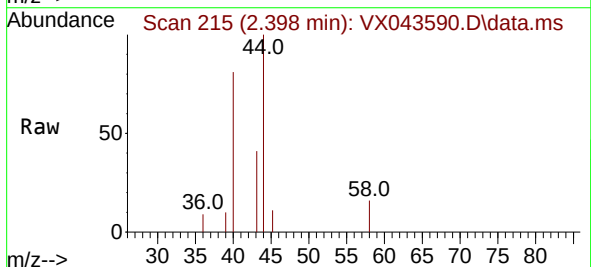
Instrument :
MSVOA_X
ClientSampleId :
VIBLK

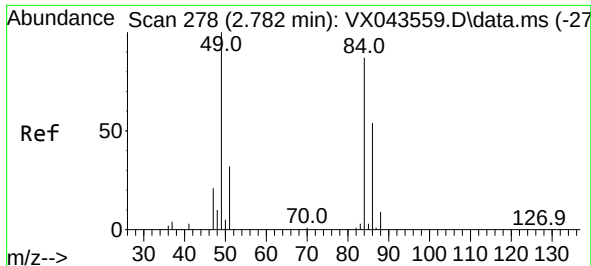
Tgt Ion: 56 Resp: 74
Ion Ratio Lower Upper
56 100
55 102.7 55.3 82.9#



#16
Acetone
Concen: 0.997 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.000 min
Lab File: VX043590.D
Acq: 29 Oct 2024 12:33

Tgt Ion: 43 Resp: 881
Ion Ratio Lower Upper
43 100
58 39.1 25.1 37.7#





#20

Methylene Chloride

Concen: 0.207 ug/l

RT: 2.788 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX043590.D

Acq: 29 Oct 2024 12:33

Instrument :

MSVOA_X

ClientSampleId :

VIBLK

Tgt Ion: 84 Resp: 394

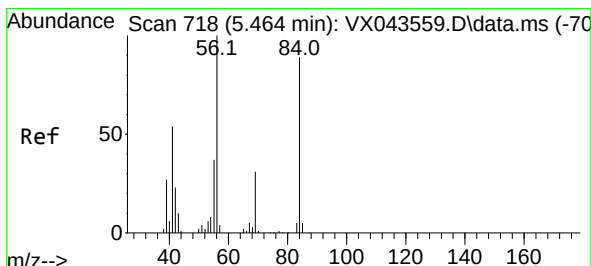
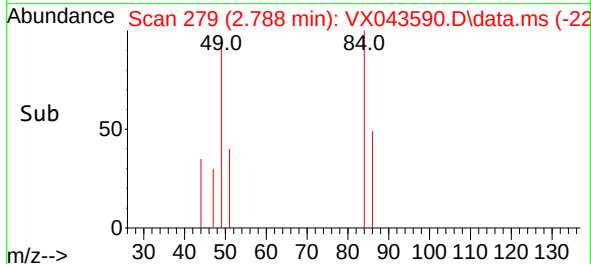
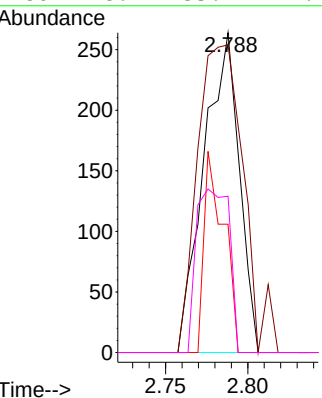
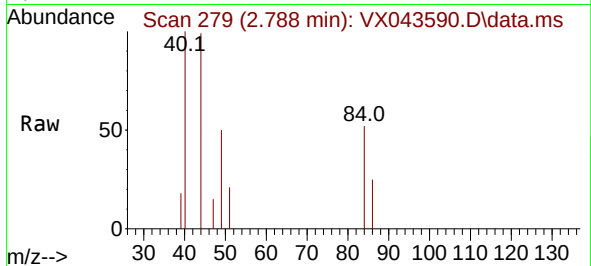
Ion Ratio Lower Upper

84 100

49 96.2 97.0 145.6#

51 40.2 29.8 44.8

86 48.9 53.1 79.7#



#31

Cyclohexane

Concen: 1.233 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.091 min

Lab File: VX043590.D

Acq: 29 Oct 2024 12:33

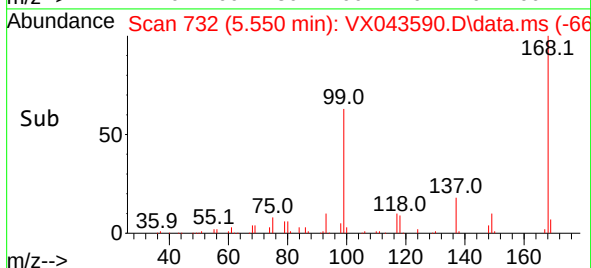
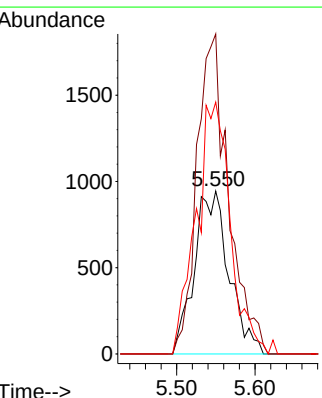
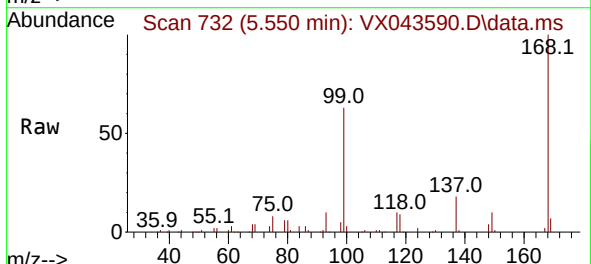
Tgt Ion: 56 Resp: 2898

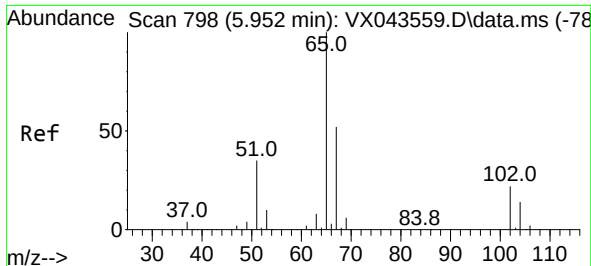
Ion Ratio Lower Upper

56 100

69 196.5 24.9 37.3#

84 154.7 73.3 109.9#

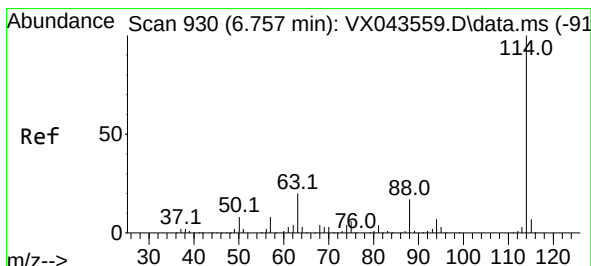
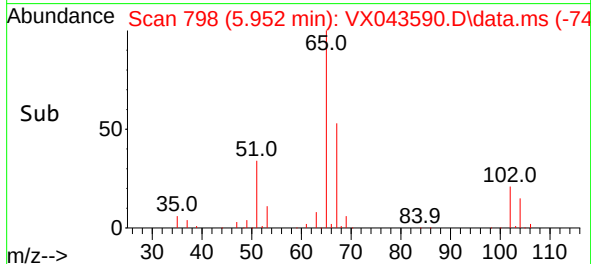
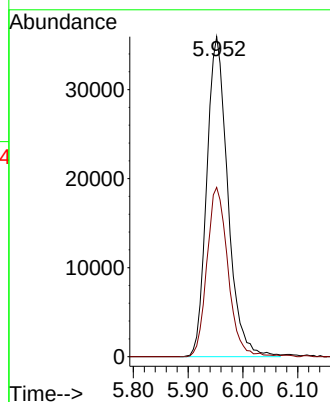
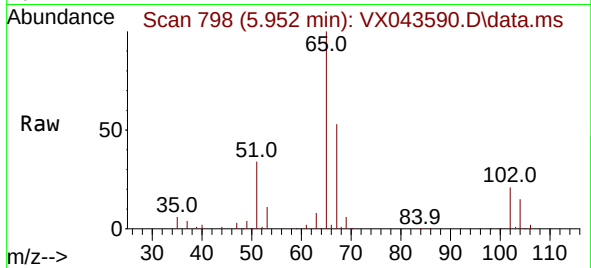




#33
 1,2-Dichloroethane-d4
 Concen: 42.940 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. 0.000 min
 Lab File: VX043590.D
 Acq: 29 Oct 2024 12:33

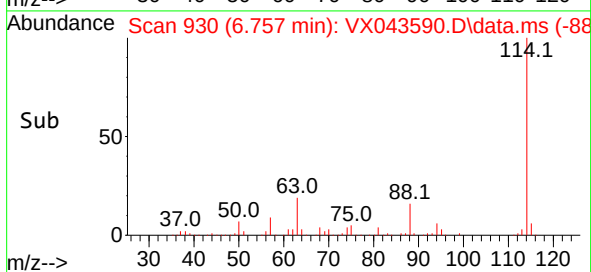
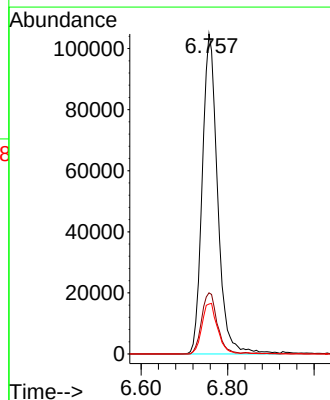
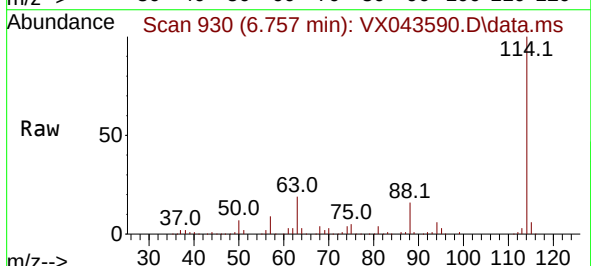
Instrument :
 MSVOA_X
 ClientSampleId :
 VIBLK

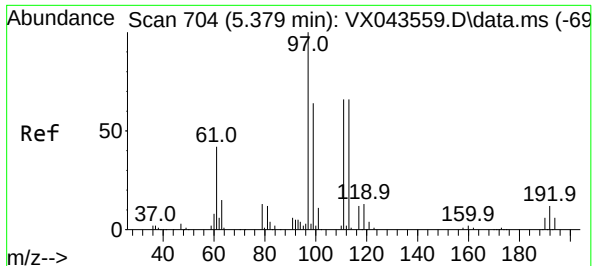
Tgt Ion: 65 Resp: 95576
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 103.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. 0.000 min
 Lab File: VX043590.D
 Acq: 29 Oct 2024 12:33

Tgt Ion: 114 Resp: 257439
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 41.2
 88 15.6 0.0 34.0

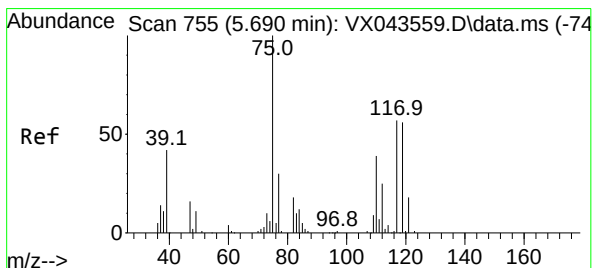
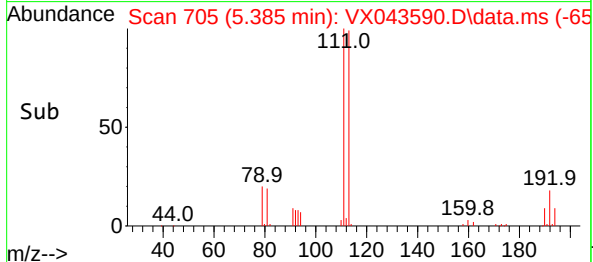
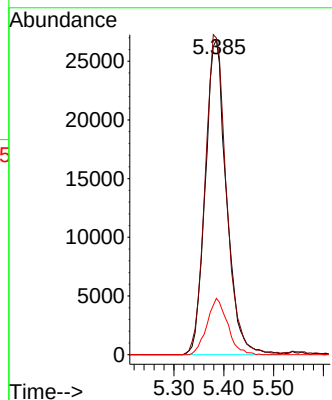
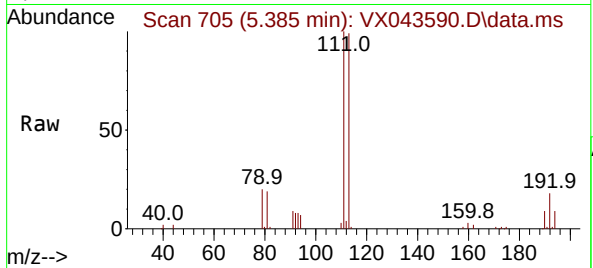




#35
Dibromofluoromethane
Concen: 45.150 ug/l
RT: 5.385 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX043590.D
Acq: 29 Oct 2024 12:33

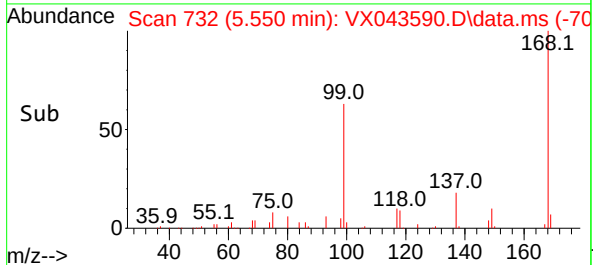
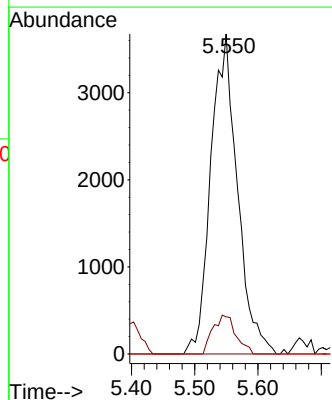
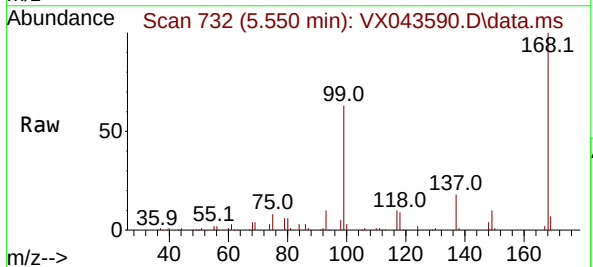
Instrument :
MSVOA_X
ClientSampleId :
VIBLK

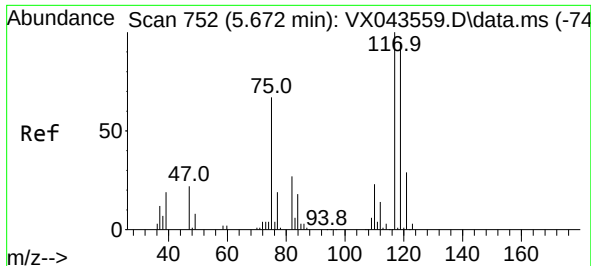
Tgt Ion:113 Resp: 78818
Ion Ratio Lower Upper
113 100
111 102.6 81.4 122.0
192 17.5 14.1 21.1



#36
1,1-Dichloropropene
Concen: 5.174 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.134 min
Lab File: VX043590.D
Acq: 29 Oct 2024 12:33

Tgt Ion: 75 Resp: 10710
Ion Ratio Lower Upper
75 100
110 10.5 17.9 53.7#
77 0.0 25.0 37.4#

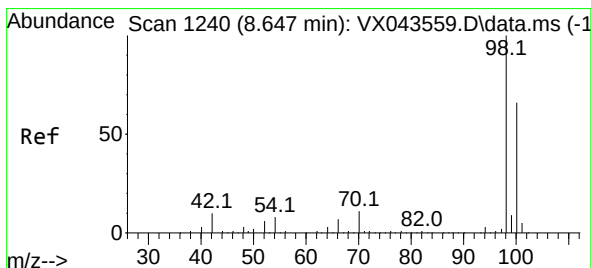
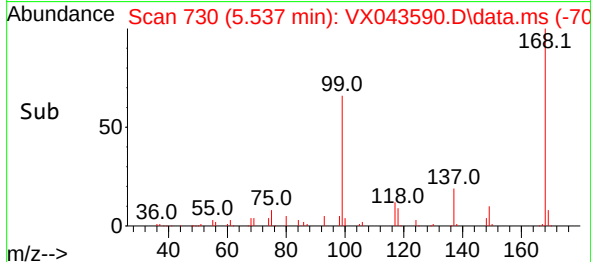
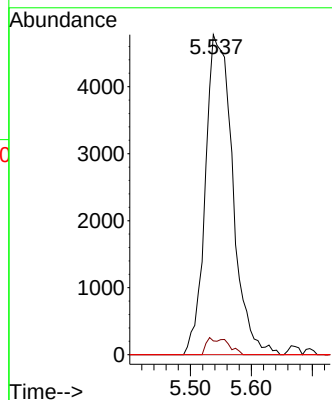
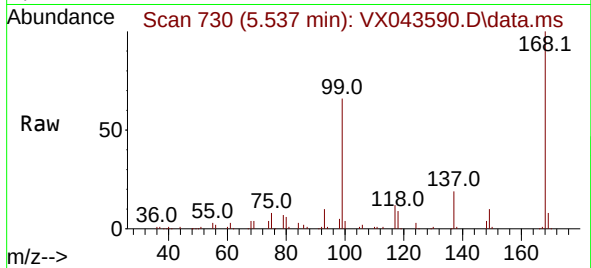




#38
Carbon Tetrachloride
Concen: 6.498 ug/l
RT: 5.537 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX043590.D
Acq: 29 Oct 2024 12:33

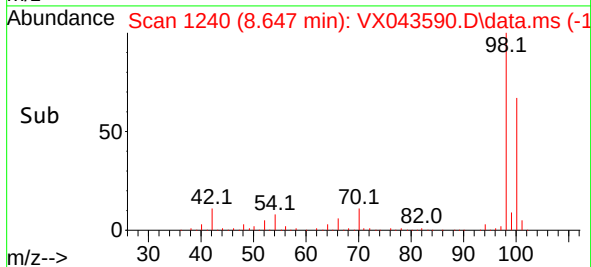
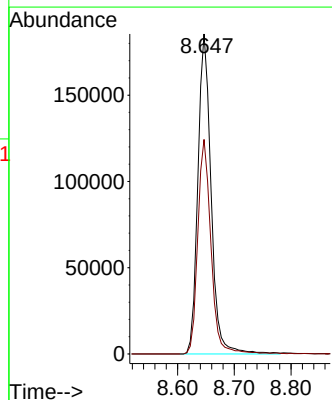
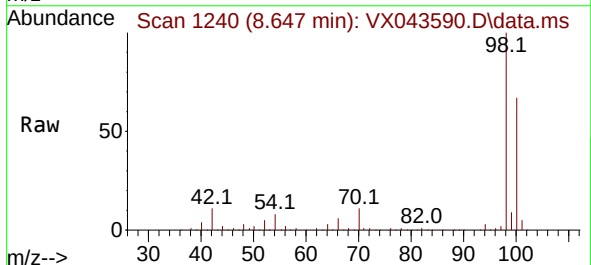
Instrument :
MSVOA_X
ClientSampleId :
VIBLK

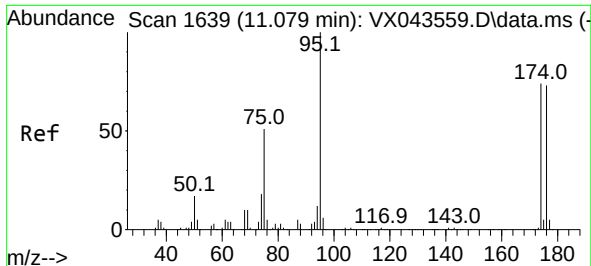
Tgt Ion:117 Resp: 14861
Ion Ratio Lower Upper
117 100
119 4.3 77.0 115.6#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 49.701 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX043590.D
Acq: 29 Oct 2024 12:33

Tgt Ion: 98 Resp: 300341
Ion Ratio Lower Upper
98 100
100 67.0 53.4 80.2





#62

4-Bromofluorobenzene

Concen: 48.195 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX043590.D

Acq: 29 Oct 2024 12:33

Instrument :

MSVOA_X

ClientSampleId :

VIBLK

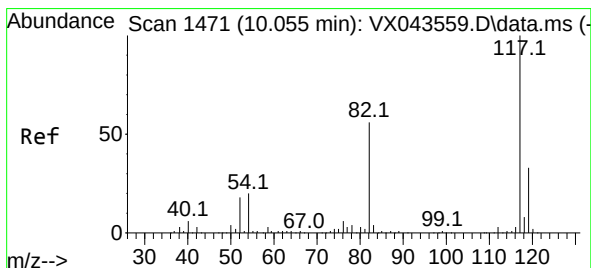
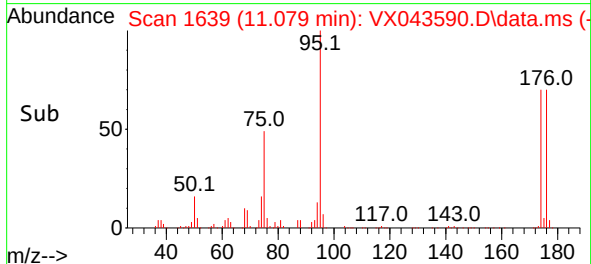
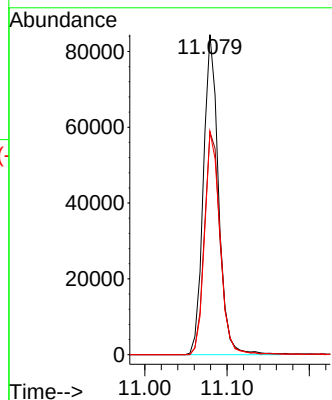
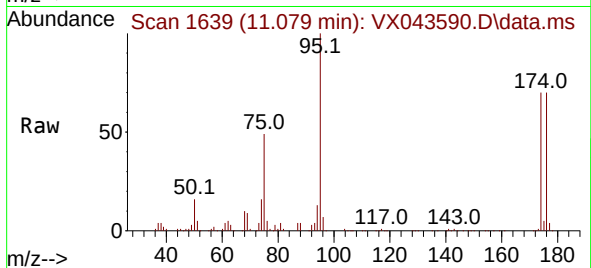
Tgt Ion: 95 Resp: 107919

Ion Ratio Lower Upper

95 100

174 72.6 0.0 146.6

176 71.3 0.0 139.6



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX043590.D

Acq: 29 Oct 2024 12:33

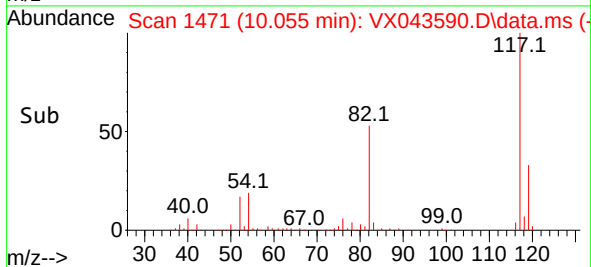
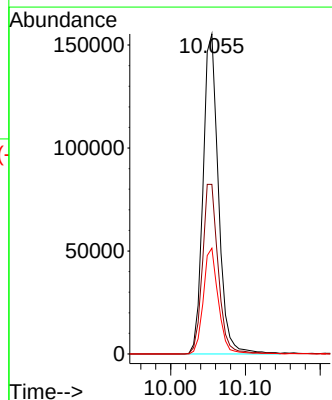
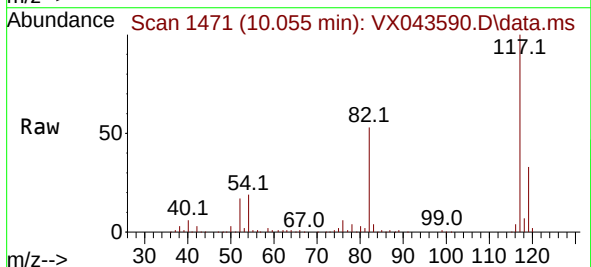
Tgt Ion: 117 Resp: 221732

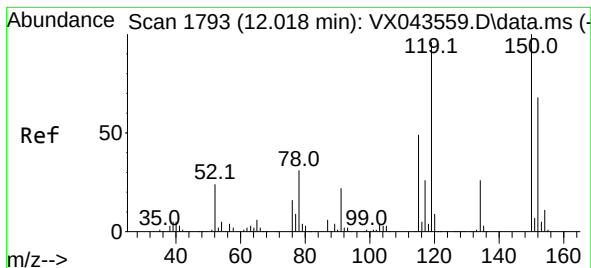
Ion Ratio Lower Upper

117 100

82 53.0 42.1 63.1

119 33.1 25.4 38.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX043590.D

Acq: 29 Oct 2024 12:33

Instrument :

MSVOA_X

ClientSampleId :

VIBLK

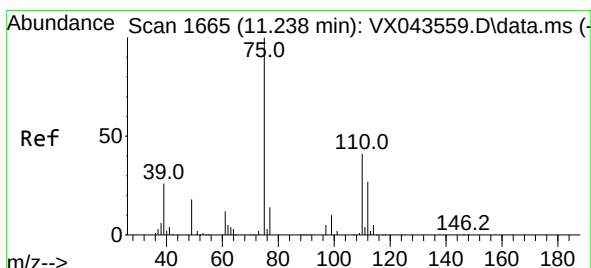
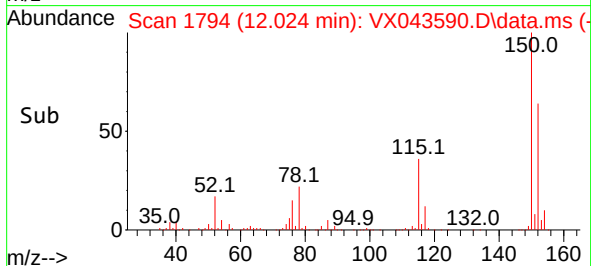
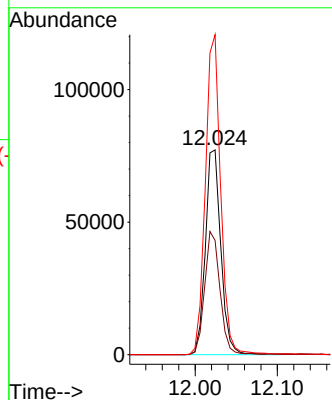
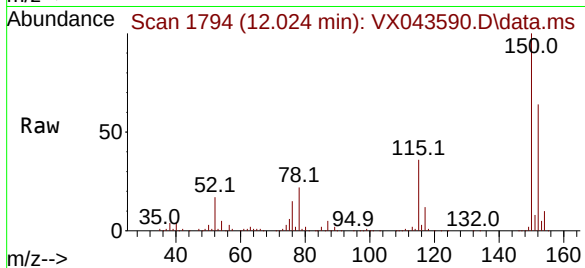
Tgt Ion:152 Resp: 101113

Ion Ratio Lower Upper

152 100

115 59.5 42.9 128.7

150 154.2 0.0 343.6



#76

1,2,3-Trichloropropane

Concen: 24.592 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX043590.D

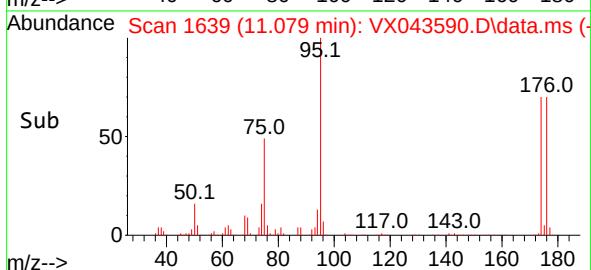
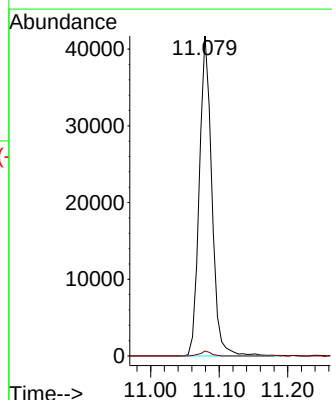
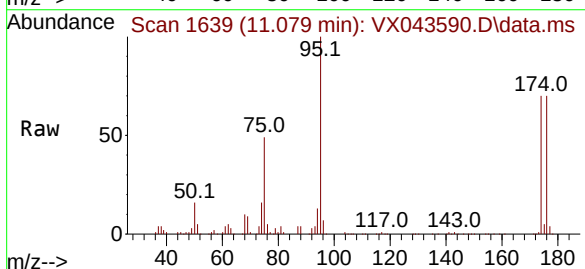
Acq: 29 Oct 2024 12:33

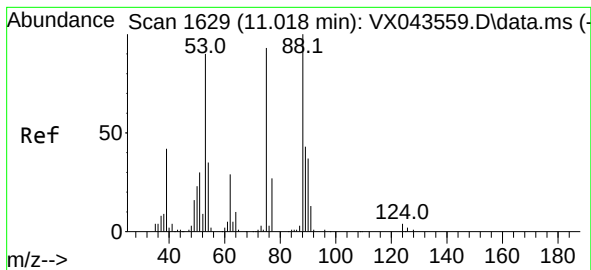
Tgt Ion: 75 Resp: 53167

Ion Ratio Lower Upper

75 100

77 1.4 22.4 67.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 67.654 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX043590.D
 Acq: 29 Oct 2024 12:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VIBLK

Tgt Ion: 75 Resp: 53167
 Ion Ratio Lower Upper
 75 100
 53 0.0 84.6 126.8#
 89 0.0 38.6 58.0#

