

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092424\
 Data File : VX043118.D
 Acq On : 24 Sep 2024 13:07
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Sep 25 01:25:52 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)

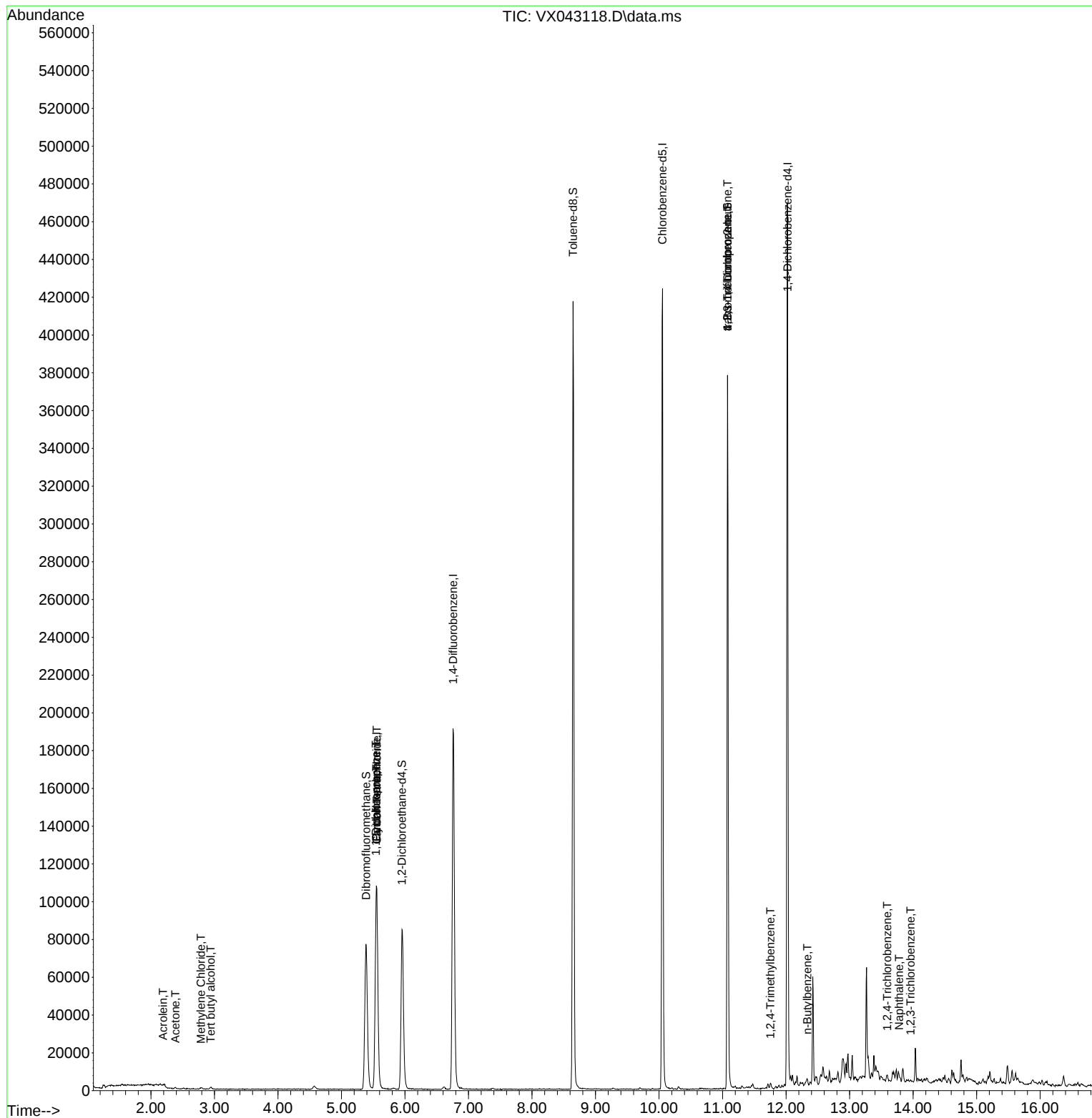
Internal Standards						
1) Pentafluorobenzene	5.550	168	99262	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	195869	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	186760	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	96256	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	86810	52.651	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 105.300%	
35) Dibromofluoromethane	5.385	113	67062	48.535	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 97.080%	
50) Toluene-d8	8.647	98	240873	51.527	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 103.060%	
62) 4-Bromofluorobenzene	11.079	95	99568	52.890	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 105.780%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.941	59	310	0.842	ug/l #	71
13) Acrolein	2.191	56	199	4.103	ug/l #	13
16) Acetone	2.386	43	602	0.781	ug/l #	85
20) Methylene Chloride	2.788	84	428	0.349	ug/l #	71
31) Cyclohexane	5.550	56	2538	1.565	ug/l #	35
36) 1,1-Dichloropropene	5.544	75	8433	4.967	ug/l #	51
38) Carbon Tetrachloride	5.556	117	10882	4.976	ug/l #	18
76) 1,2,3-Trichloropropane	11.079	75	54818	26.787	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	54818	63.822	ug/l #	7
84) 1,2,4-Trimethylbenzene	11.756	105	1290	0.217	ug/l	96
89) n-Butylbenzene	12.335	91	1476	0.270	ug/l	85
93) 1,2,4-Trichlorobenzene	13.591	180	560	0.290	ug/l	91
95) Naphthalene	13.780	128	2095	0.312	ug/l #	94
96) 1,2,3-Trichlorobenzene	13.963	180	384	0.200	ug/l #	81

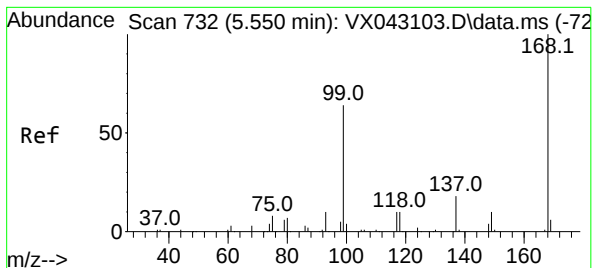
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Sep 25 01:25:52 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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.000 min

Lab File: VX043118.D

Acq: 24 Sep 2024 13:07

Instrument :

MSVOA_X

ClientSampleId :

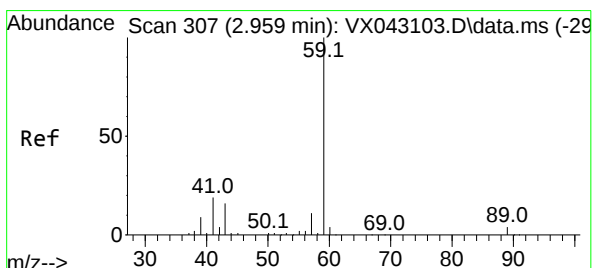
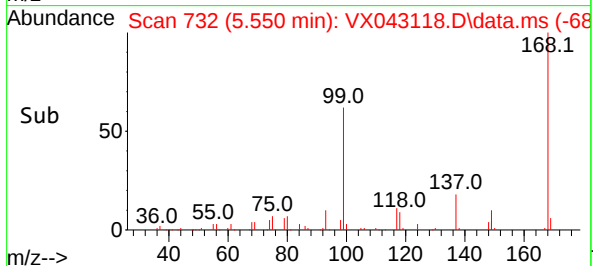
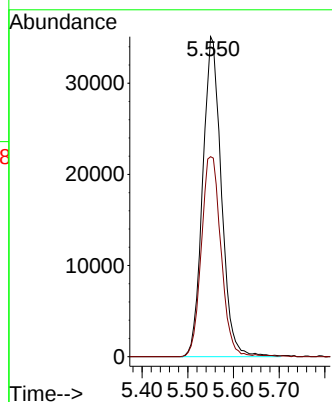
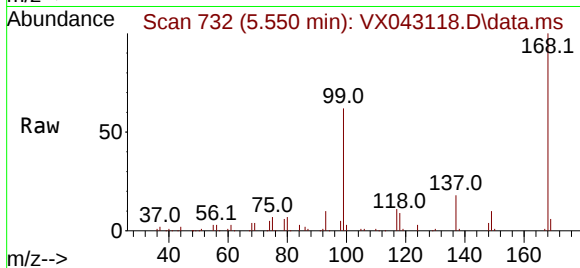
IBLK

Tgt Ion:168 Resp: 99262

Ion Ratio Lower Upper

168 100

99 62.5 50.8 76.2



#11

Tert butyl alcohol

Concen: 0.842 ug/l

RT: 2.941 min Scan# 304

Delta R.T. -0.018 min

Lab File: VX043118.D

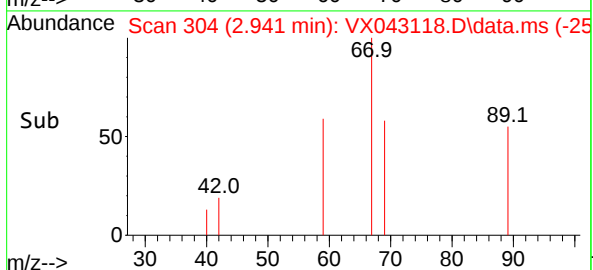
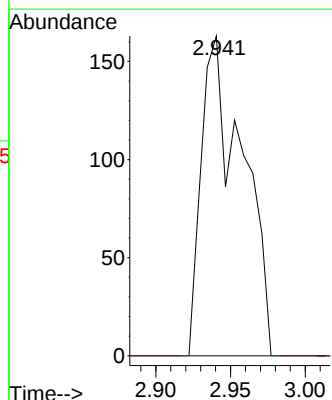
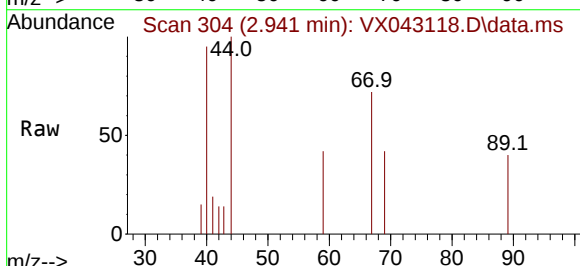
Acq: 24 Sep 2024 13:07

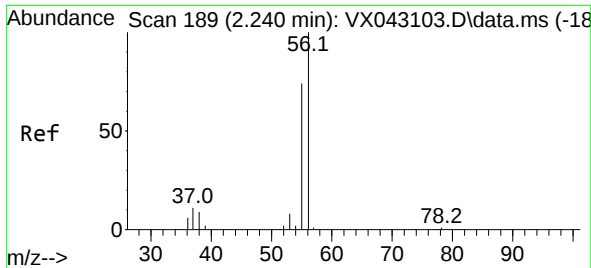
Tgt Ion: 59 Resp: 310

Ion Ratio Lower Upper

59 100

57 0.0 8.6 13.0#





#13

Acrolein

Concen: 4.103 ug/l

RT: 2.191 min Scan# 11

Delta R.T. -0.049 min

Lab File: VX043118.D

Acq: 24 Sep 2024 13:07

Instrument :

MSVOA_X

ClientSampleId :

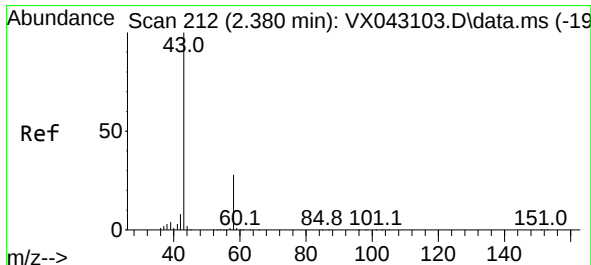
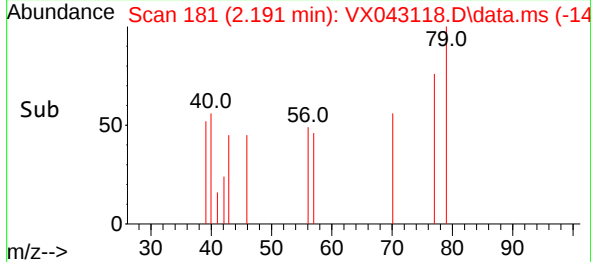
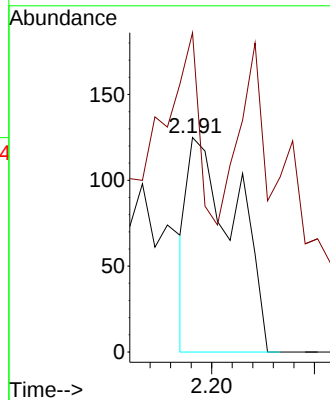
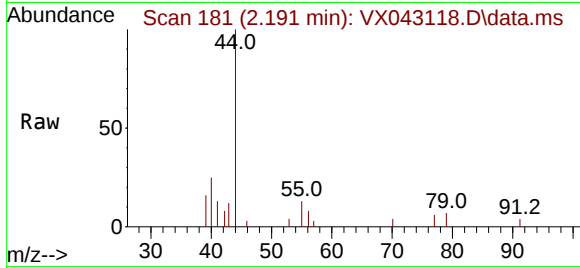
IBLK

Tgt Ion: 56 Resp: 199

Ion Ratio Lower Upper

56 100

55 141.2 55.8 83.6#



#16

Acetone

Concen: 0.781 ug/l

RT: 2.386 min Scan# 213

Delta R.T. 0.006 min

Lab File: VX043118.D

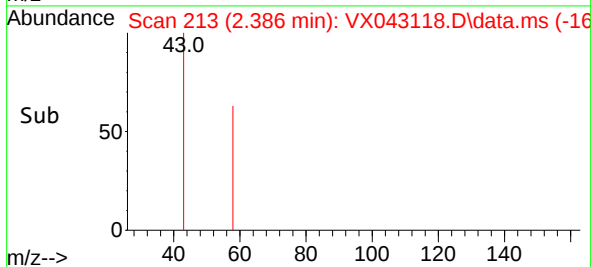
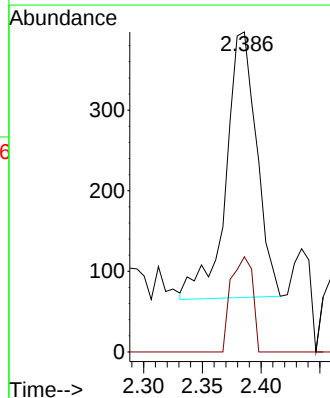
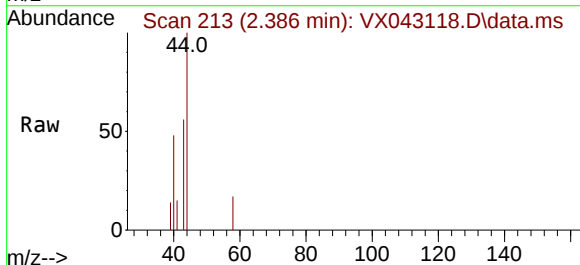
Acq: 24 Sep 2024 13:07

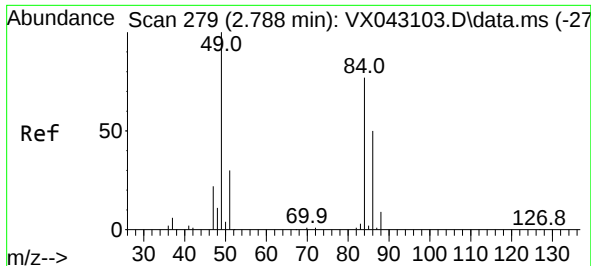
Tgt Ion: 43 Resp: 602

Ion Ratio Lower Upper

43 100

58 36.0 22.6 34.0#

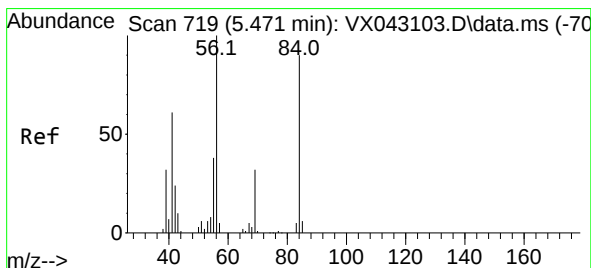
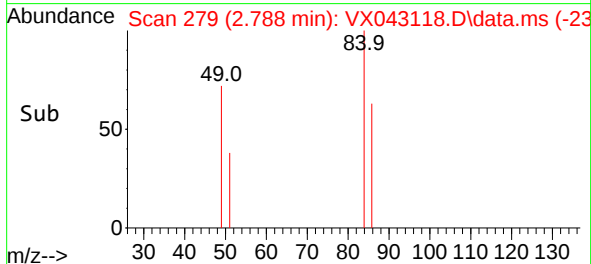
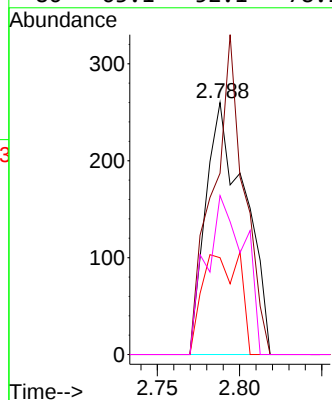
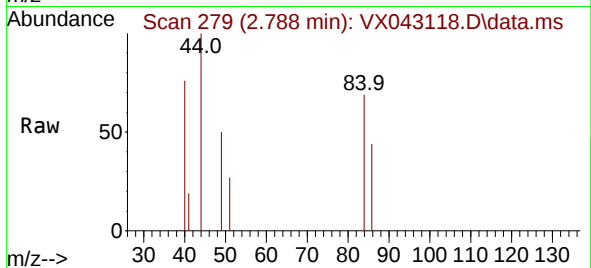




#20
Methylene Chloride
Concen: 0.349 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX043118.D
Acq: 24 Sep 2024 13:07

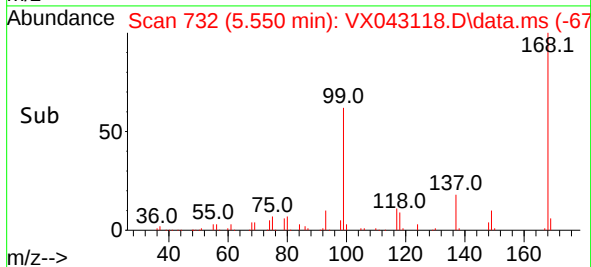
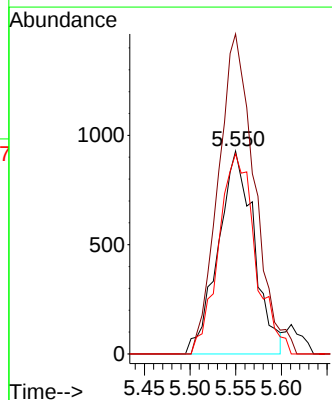
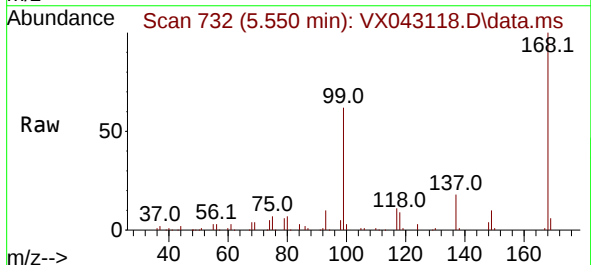
Instrument :
MSVOA_X
ClientSampleId :
IBLK

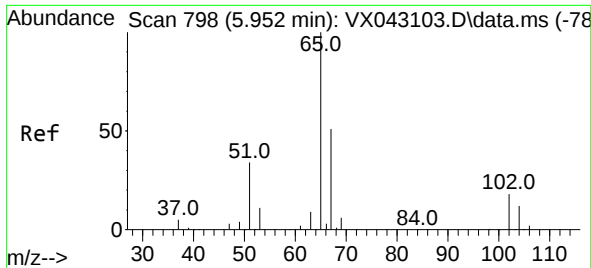
Tgt Ion:	84	Resp:	428
Ion	Ratio	Lower	Upper
84	100		
49	71.9	104.1	156.1#
51	38.5	31.1	46.7
86	63.1	52.1	78.1



#31
Cyclohexane
Concen: 1.565 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX043118.D
Acq: 24 Sep 2024 13:07

Tgt Ion:	56	Resp:	2538
Ion	Ratio	Lower	Upper
56	100		
69	157.8	25.8	38.6#
84	98.7	72.4	108.6

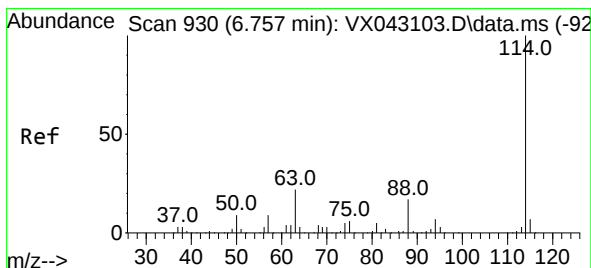
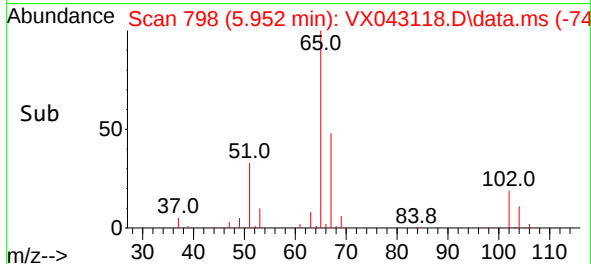
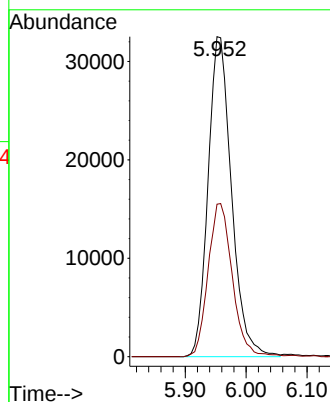
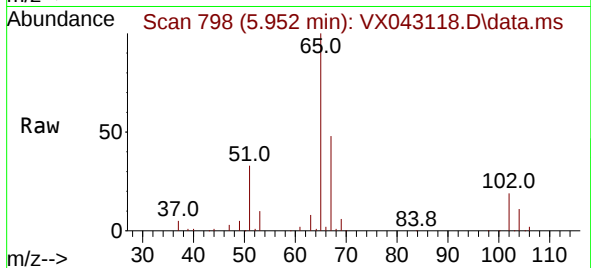




#33
 1,2-Dichloroethane-d4
 Concen: 52.651 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. -0.000 min
 Lab File: VX043118.D
 Acq: 24 Sep 2024 13:07

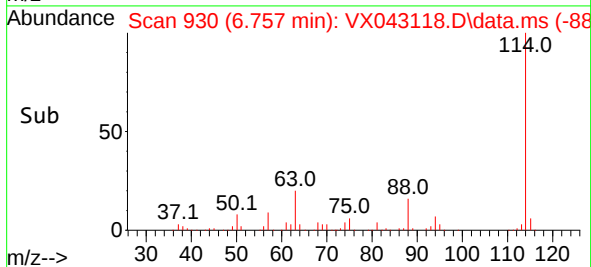
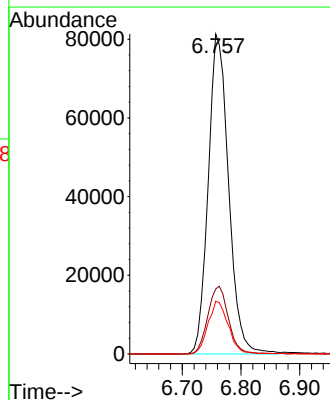
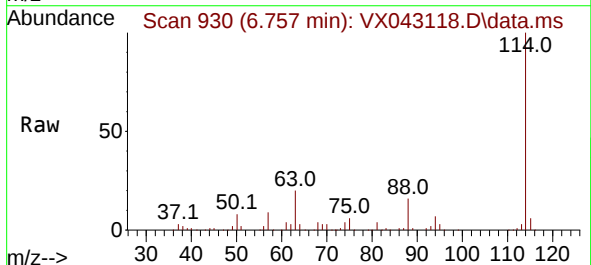
Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

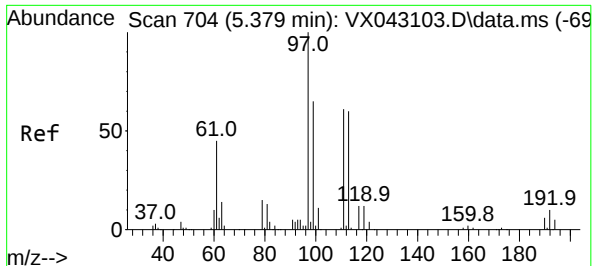
Tgt Ion: 65 Resp: 86810
 Ion Ratio Lower Upper
 65 100
 67 49.4 0.0 99.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. -0.000 min
 Lab File: VX043118.D
 Acq: 24 Sep 2024 13:07

Tgt Ion: 114 Resp: 195869
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 43.2
 88 16.5 0.0 33.4





#35

Dibromofluoromethane

Concen: 48.535 ug/l

RT: 5.385 min Scan# 704

Delta R.T. 0.006 min

Lab File: VX043118.D

Acq: 24 Sep 2024 13:07

Instrument :

MSVOA_X

ClientSampleId :

IBLK

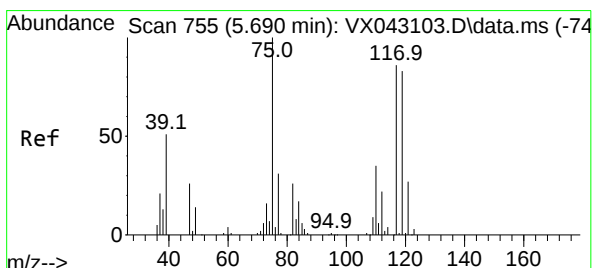
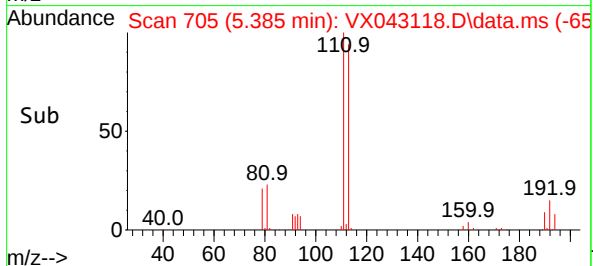
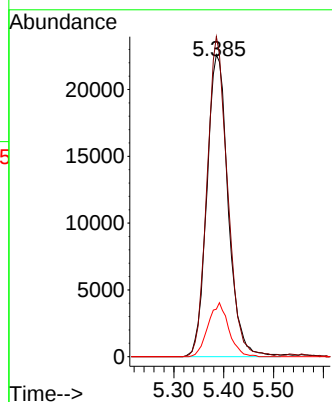
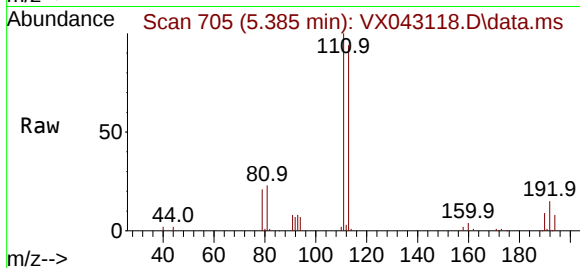
Tgt Ion:113 Resp: 67062

Ion Ratio Lower Upper

113 100

111 102.1 82.6 124.0

192 17.3 14.6 22.0



#36

1,1-Dichloropropene

Concen: 4.967 ug/l

RT: 5.544 min Scan# 731

Delta R.T. -0.146 min

Lab File: VX043118.D

Acq: 24 Sep 2024 13:07

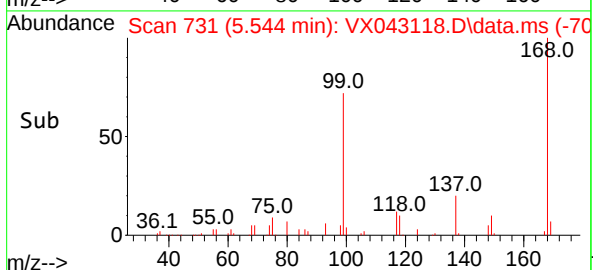
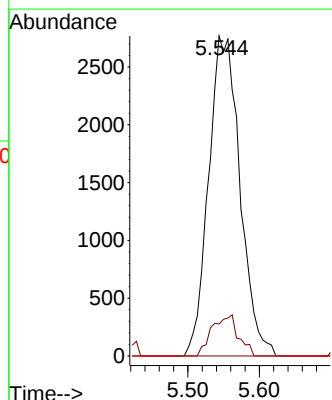
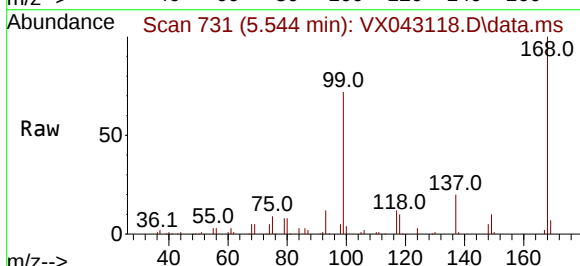
Tgt Ion: 75 Resp: 8433

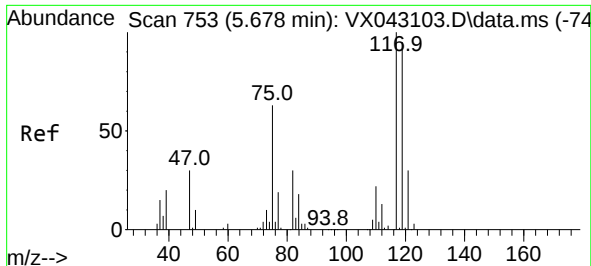
Ion Ratio Lower Upper

75 100

110 10.8 17.8 53.4#

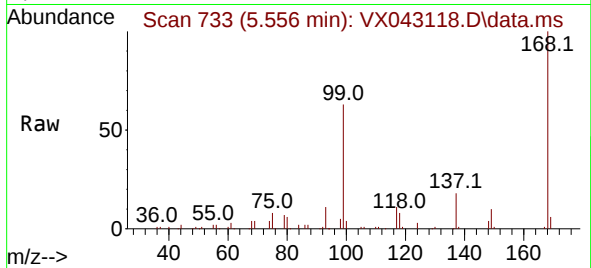
77 0.0 25.2 37.8#



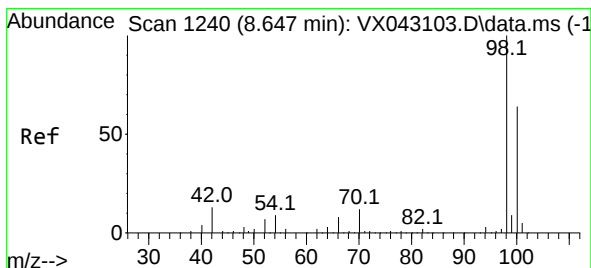
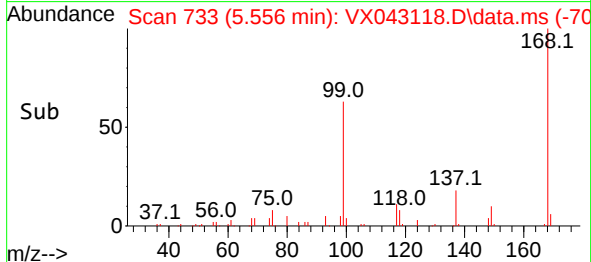
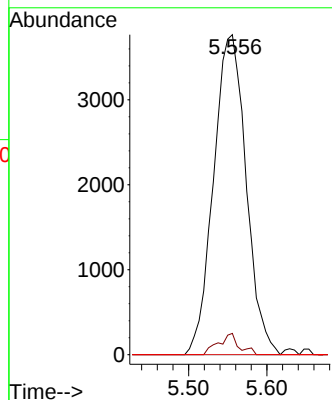


#38
Carbon Tetrachloride
Concen: 4.976 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.122 min
Lab File: VX043118.D
Acq: 24 Sep 2024 13:07

Instrument :
MSVOA_X
ClientSampleId :
IBLK

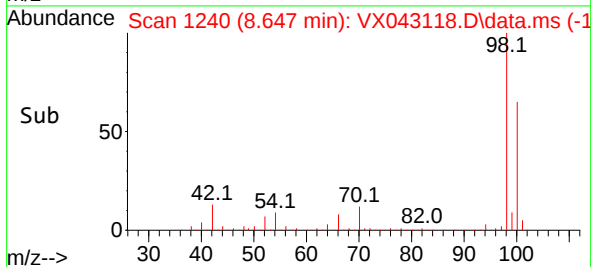
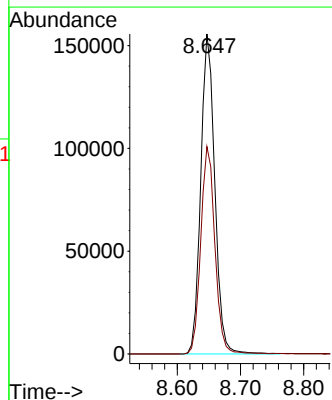
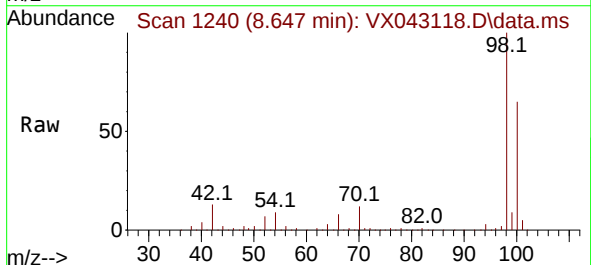


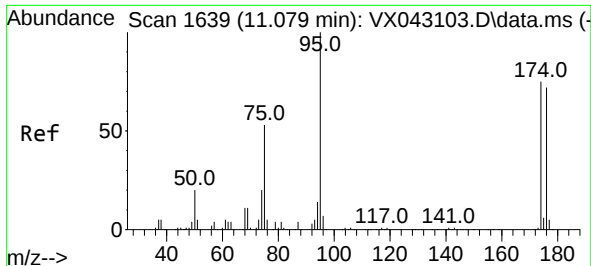
Tgt Ion:117 Resp: 10882
Ion Ratio Lower Upper
117 100
119 6.6 75.5 113.3#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 51.527 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX043118.D
Acq: 24 Sep 2024 13:07

Tgt Ion: 98 Resp: 240873
Ion Ratio Lower Upper
98 100
100 65.3 52.2 78.4





#62

4-Bromofluorobenzene

Concen: 52.890 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX043118.D

Acq: 24 Sep 2024 13:07

Instrument :

MSVOA_X

ClientSampleId :

IBLK

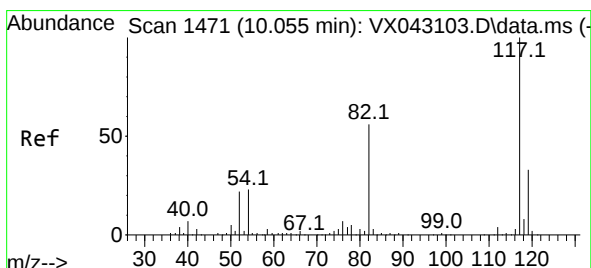
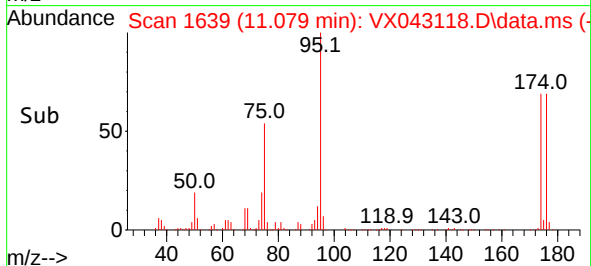
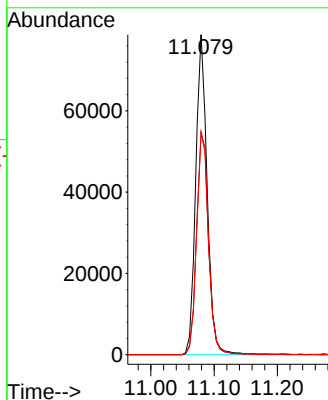
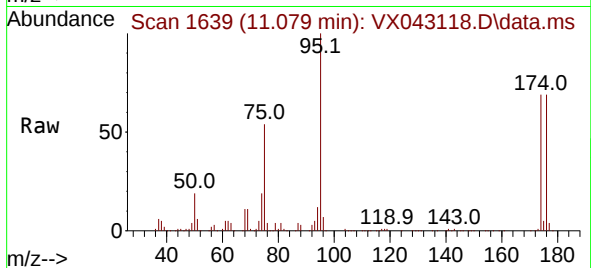
Tgt Ion: 95 Resp: 99568

Ion Ratio Lower Upper

95 100

174 72.3 0.0 146.0

176 71.7 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: VX043118.D

Acq: 24 Sep 2024 13:07

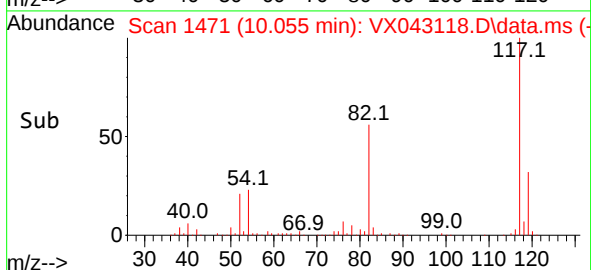
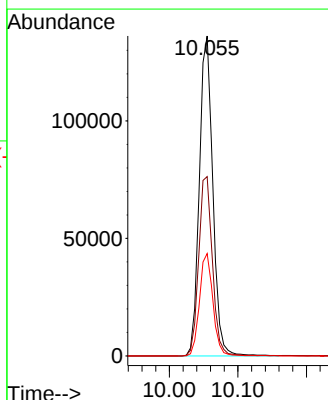
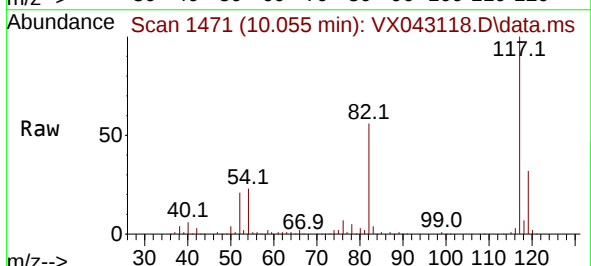
Tgt Ion: 117 Resp: 186760

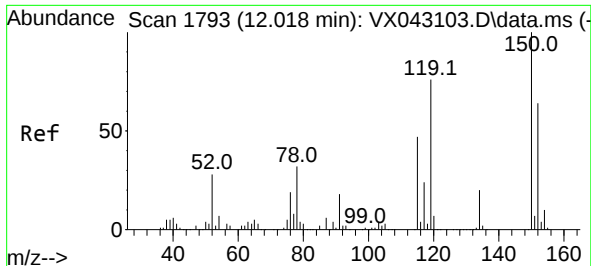
Ion Ratio Lower Upper

117 100

82 56.1 44.7 67.1

119 32.0 26.3 39.5

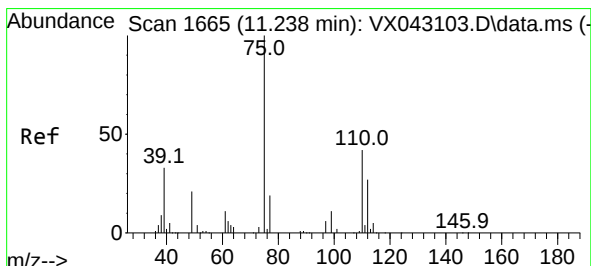
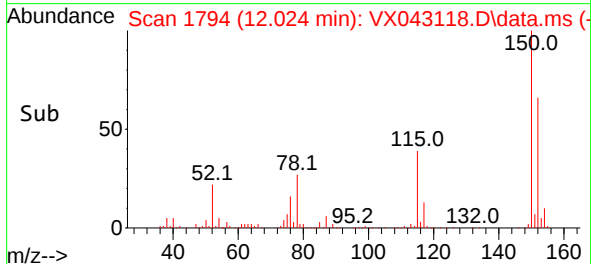
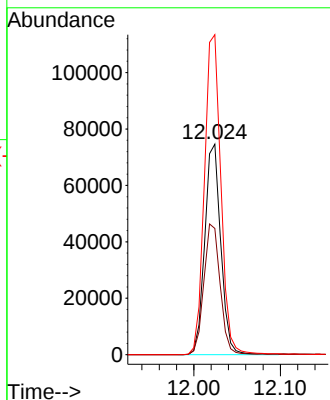
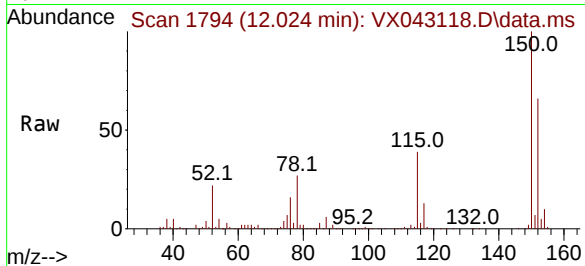




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.006 min
 Lab File: VX043118.D
 Acq: 24 Sep 2024 13:07

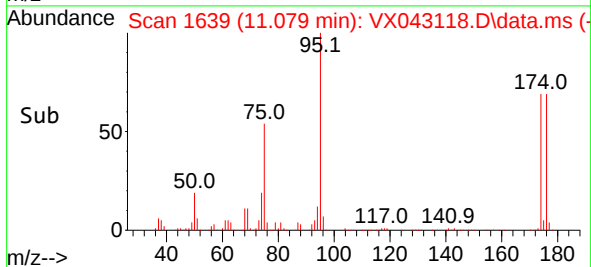
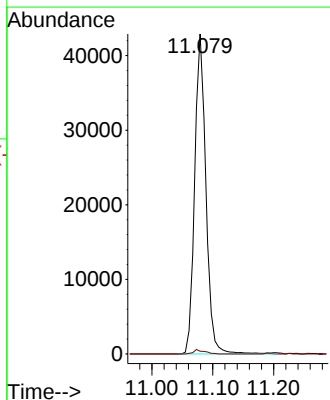
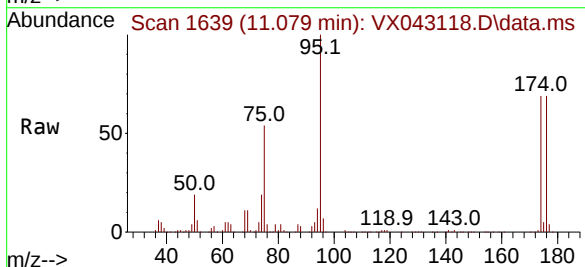
Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

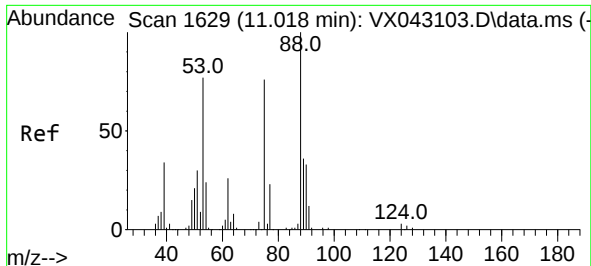
Tgt Ion:152 Resp: 96256
 Ion Ratio Lower Upper
 152 100
 115 63.3 43.7 131.1
 150 155.9 0.0 344.6



#76
 1,2,3-Trichloropropane
 Concen: 26.787 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX043118.D
 Acq: 24 Sep 2024 13:07

Tgt Ion: 75 Resp: 54818
 Ion Ratio Lower Upper
 75 100
 77 1.3 21.9 65.7#

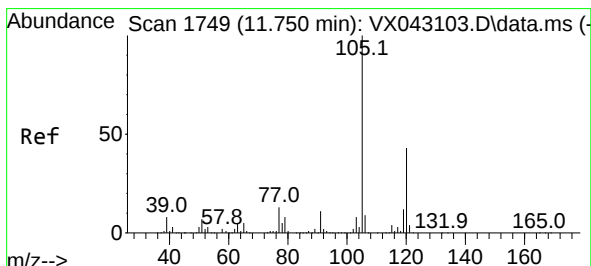
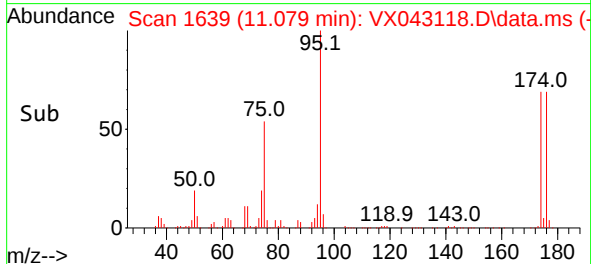
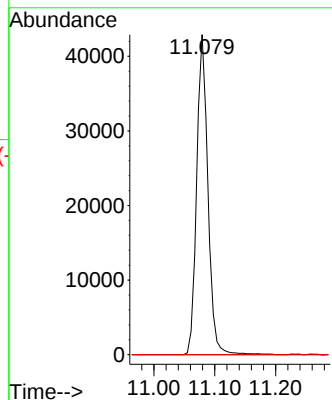
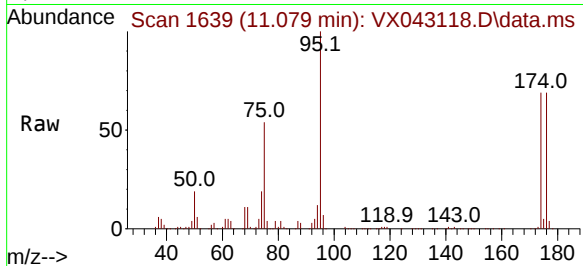




#81
trans-1,4-Dichloro-2-butene
Concen: 63.822 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX043118.D
Acq: 24 Sep 2024 13:07

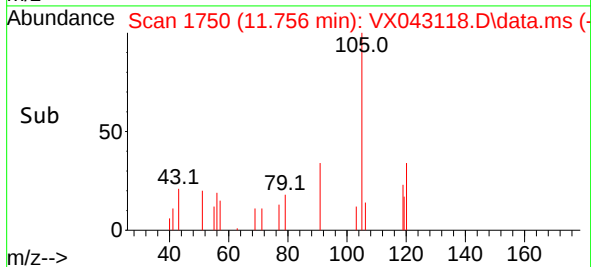
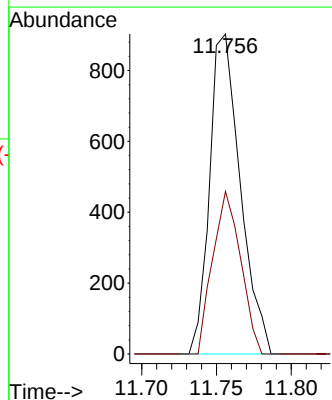
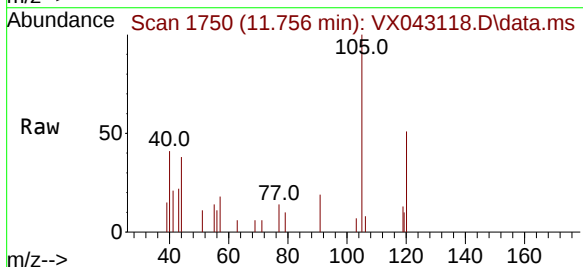
Instrument :
MSVOA_X
ClientSampleId :
IBLK

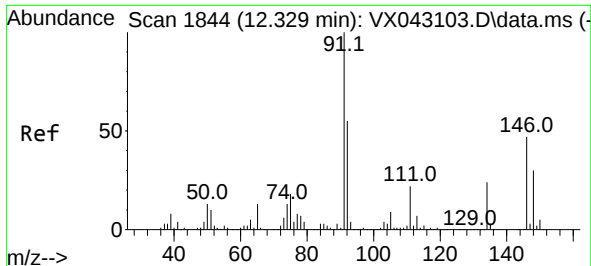
Tgt Ion: 75 Resp: 54818
Ion Ratio Lower Upper
75 100
53 0.0 85.4 128.2#
89 0.0 38.8 58.2#



#84
1,2,4-Trimethylbenzene
Concen: 0.217 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VX043118.D
Acq: 24 Sep 2024 13:07

Tgt Ion: 105 Resp: 1290
Ion Ratio Lower Upper
105 100
120 46.2 21.8 65.4





#89

n-Butylbenzene

Concen: 0.270 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.006 min

Lab File: VX043118.D

Acq: 24 Sep 2024 13:07

Instrument :

MSVOA_X

ClientSampleId :

IBLK

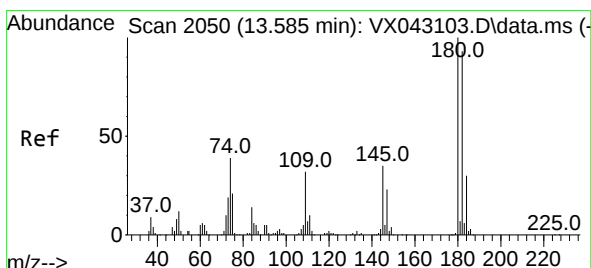
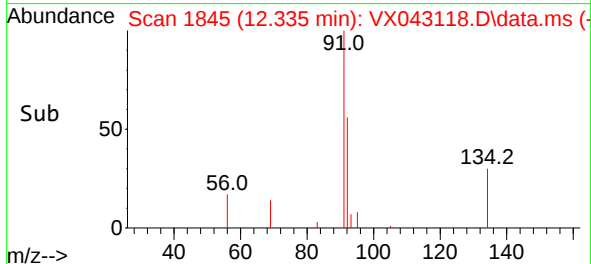
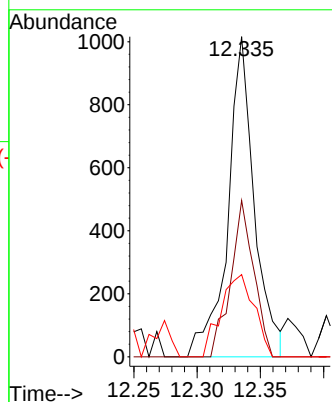
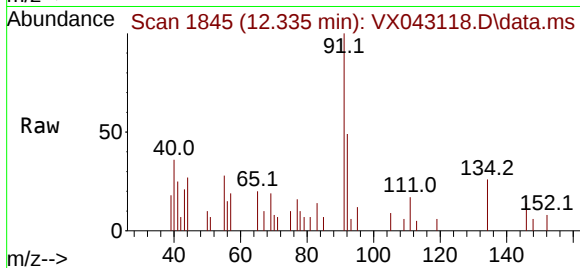
Tgt Ion: 91 Resp: 1476

Ion Ratio Lower Upper

91 100

92 42.8 26.9 80.7

134 32.4 12.6 37.6



#93

1,2,4-Trichlorobenzene

Concen: 0.290 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. 0.006 min

Lab File: VX043118.D

Acq: 24 Sep 2024 13:07

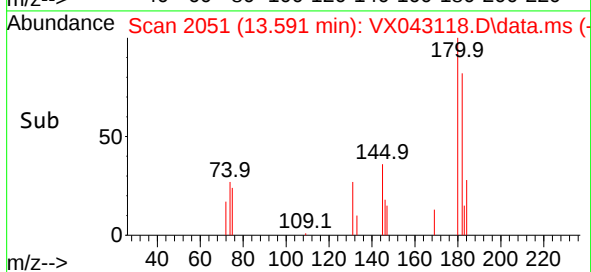
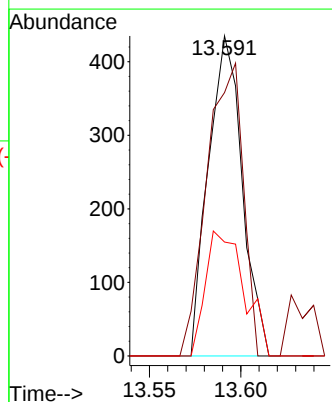
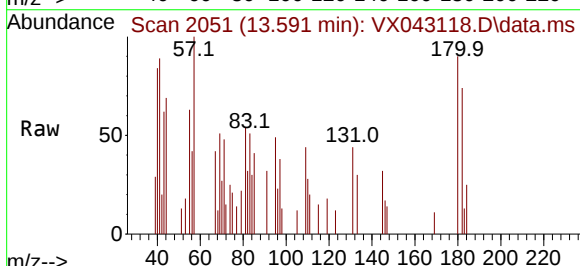
Tgt Ion:180 Resp: 560

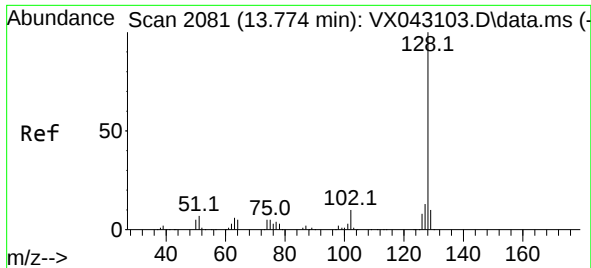
Ion Ratio Lower Upper

180 100

182 98.0 46.7 140.0

145 44.5 17.0 50.9

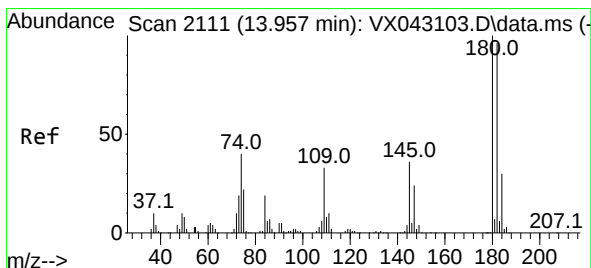
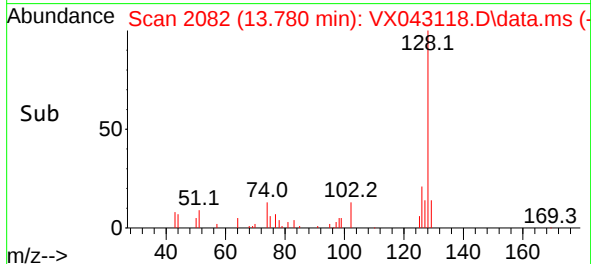
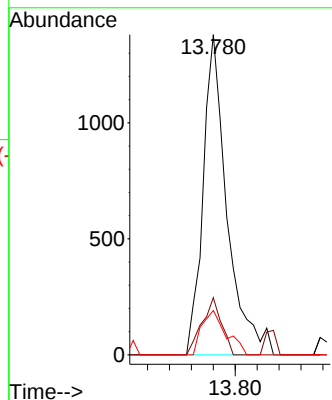
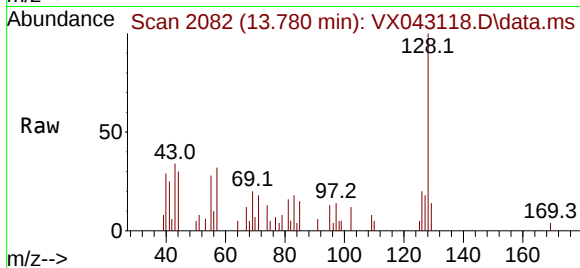




#95
Naphthalene
Concen: 0.312 ug/l
RT: 13.780 min Scan# 2081
Delta R.T. 0.006 min
Lab File: VX043118.D
Acq: 24 Sep 2024 13:07

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion:	128	Resp:	2095
Ion Ratio	Lower	Upper	
128	100		
127	14.5	10.2	15.4
129	13.9	8.6	13.0



#96
1,2,3-Trichlorobenzene
Concen: 0.200 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.006 min
Lab File: VX043118.D
Acq: 24 Sep 2024 13:07

Tgt Ion:	180	Resp:	384
Ion Ratio	Lower	Upper	
180	100		
182	100.3	47.8	143.4
145	68.0	17.7	53.1

