

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092524\
 Data File : VX043154.D
 Acq On : 25 Sep 2024 15:35
 Operator : JC/MD
 Sample : P4164-17
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT180D1-20240923

Quant Time: Sep 26 01:36:47 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)

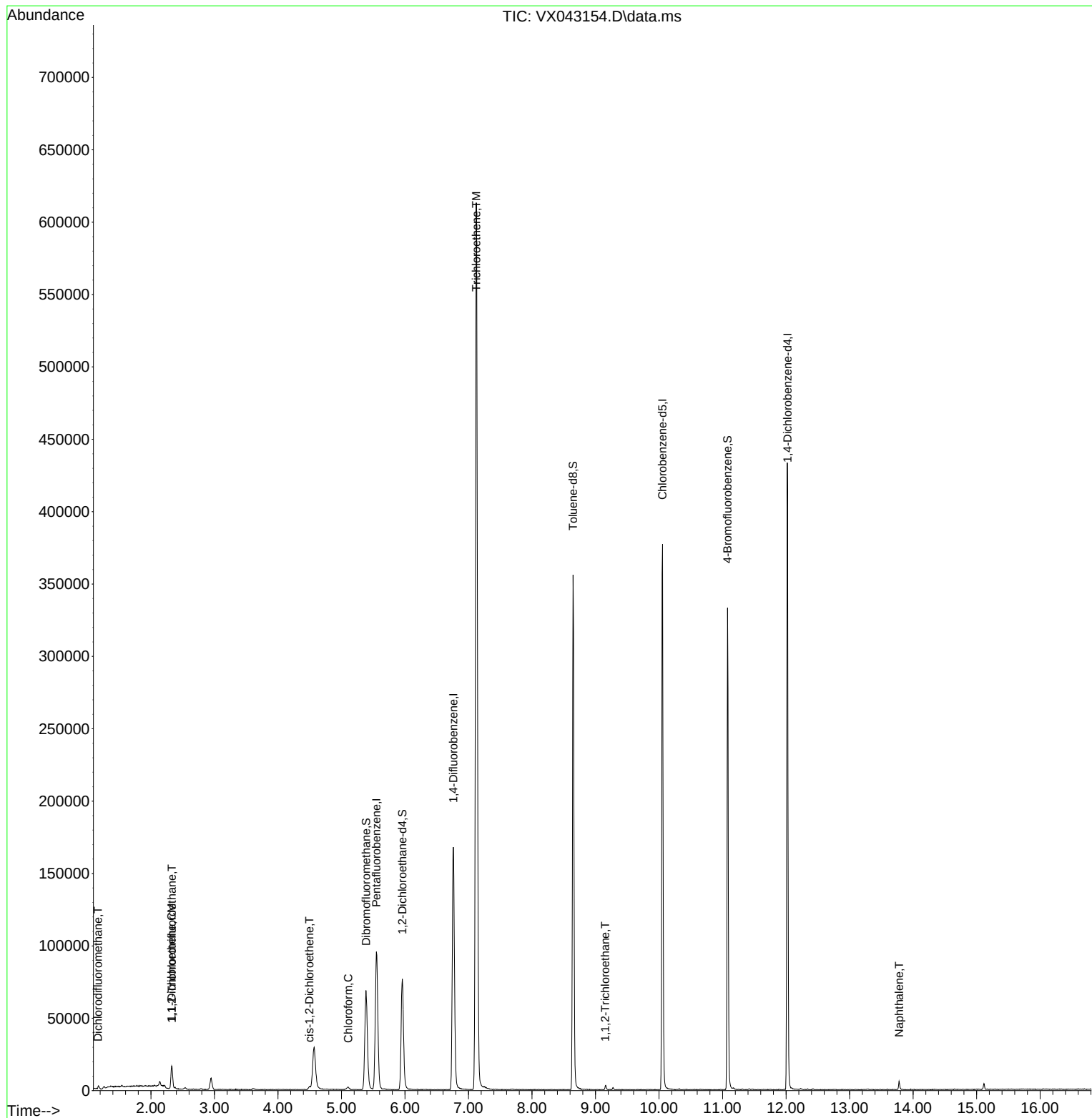
Internal Standards						
1) Pentafluorobenzene	5.550	168	84914	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	172364	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	162850	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	85947	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	77796	55.156	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	110.320%
35) Dibromofluoromethane	5.385	113	59008	48.530	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.060%
50) Toluene-d8	8.647	98	207113	50.347	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.700%
62) 4-Bromofluorobenzene	11.079	95	87802	53.000	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	106.000%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	1256	1.387	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.331	101	4168	4.430	ug/l	96
12) 1,1-Dichloroethene	2.325	96	2295	2.550	ug/l	87
27) cis-1,2-Dichloroethene	4.495	96	1473	1.271	ug/l	92
30) Chloroform	5.105	83	2040	1.023	ug/l	96
44) Trichloroethene	7.123	130	226242	187.557	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	835	0.714	ug/l #	84
95) Naphthalene	13.780	128	4051	0.677	ug/l	97

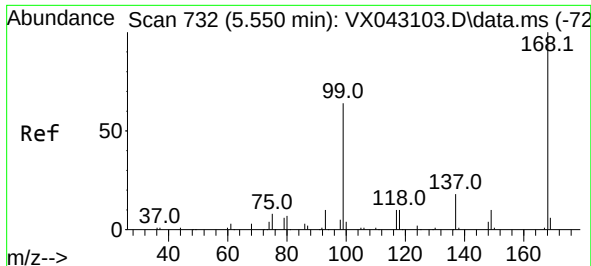
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Sep 24 03:13:52 2024
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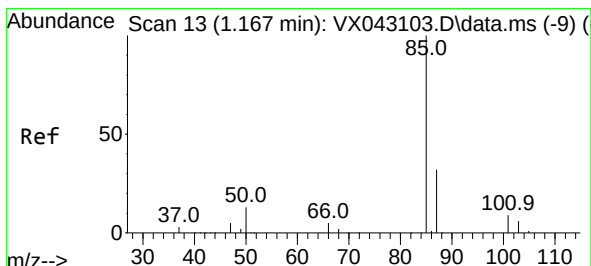
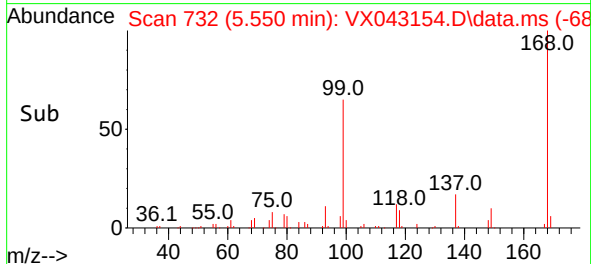
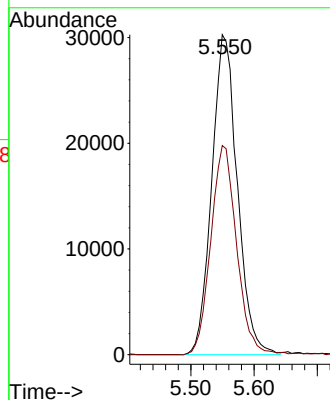
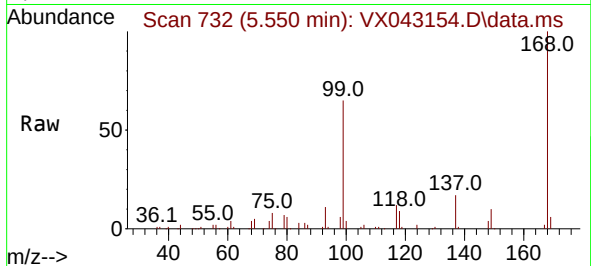




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX043154.D
Acq: 25 Sep 2024 15:35

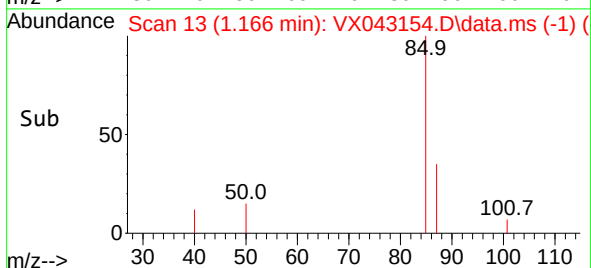
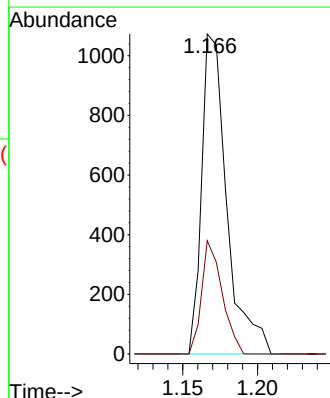
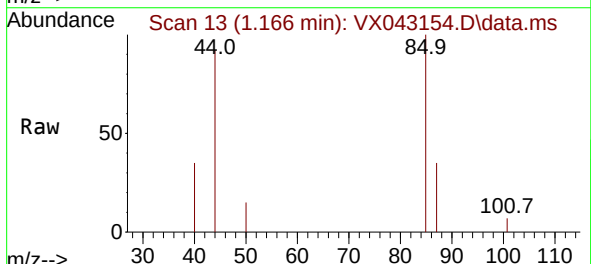
Instrument :
MSVOA_X
ClientSampleId :
TT180D1-20240923

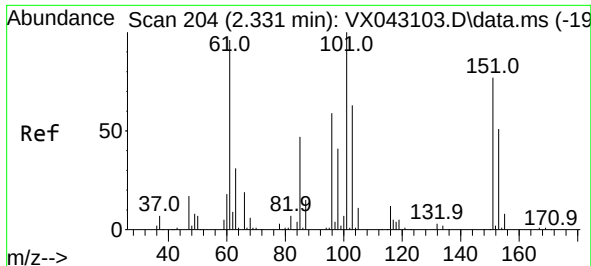
Tgt Ion:168 Resp: 84914
Ion Ratio Lower Upper
168 100
99 65.3 50.8 76.2



#2
Dichlorodifluoromethane
Concen: 1.387 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX043154.D
Acq: 25 Sep 2024 15:35

Tgt Ion: 85 Resp: 1256
Ion Ratio Lower Upper
85 100
87 35.4 16.1 48.2

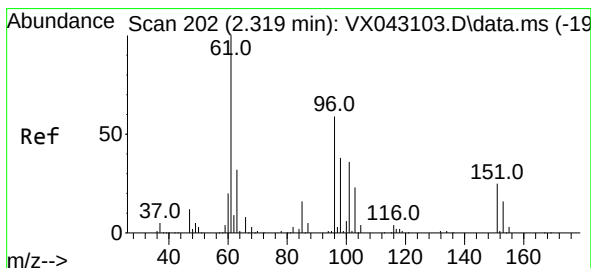
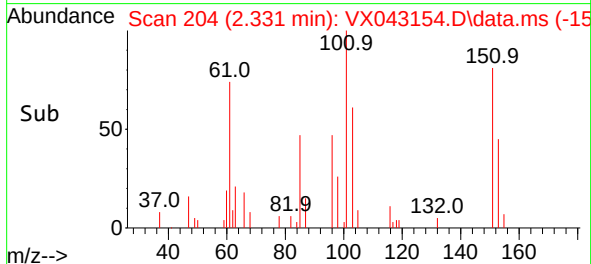
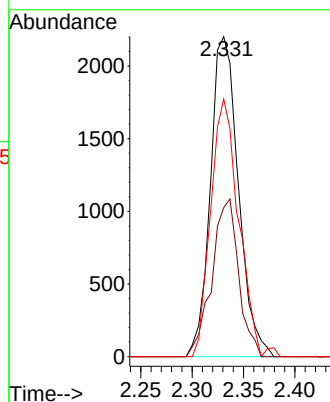
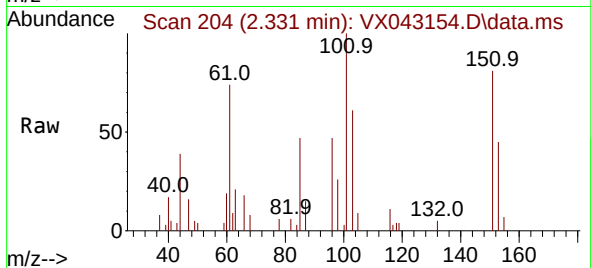




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 4.430 ug/l
 RT: 2.331 min Scan# 204
 Delta R.T. -0.000 min
 Lab File: VX043154.D
 Acq: 25 Sep 2024 15:35

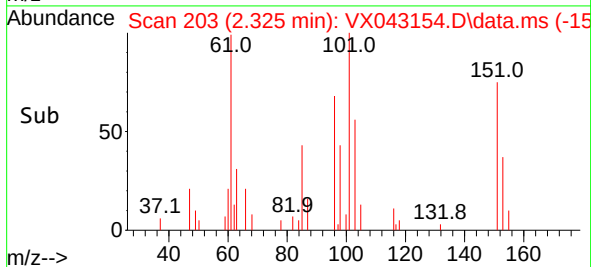
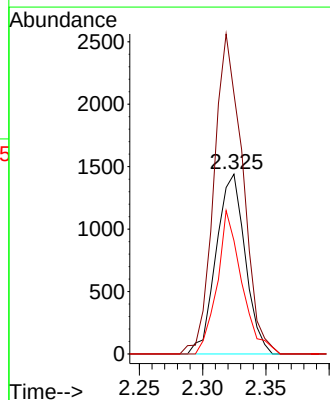
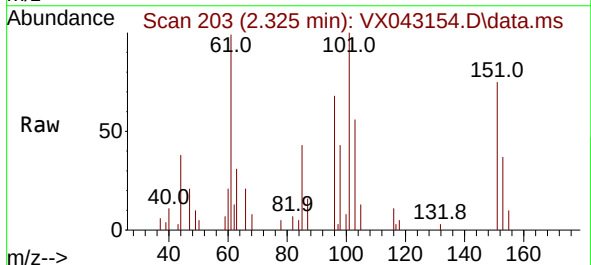
Instrument :
 MSVOA_X
 ClientSampleId :
 TT180D1-20240923

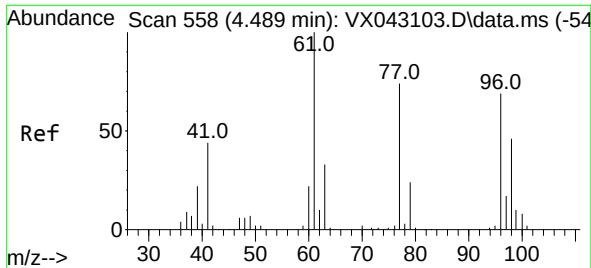
Tgt Ion:101 Resp: 4168
 Ion Ratio Lower Upper
 101 100
 85 47.1 37.0 55.4
 151 80.8 60.2 90.4



#12
 1,1-Dichloroethene
 Concen: 2.550 ug/l
 RT: 2.325 min Scan# 203
 Delta R.T. 0.006 min
 Lab File: VX043154.D
 Acq: 25 Sep 2024 15:35

Tgt Ion: 96 Resp: 2295
 Ion Ratio Lower Upper
 96 100
 61 144.7 134.7 202.1
 98 63.0 51.6 77.4

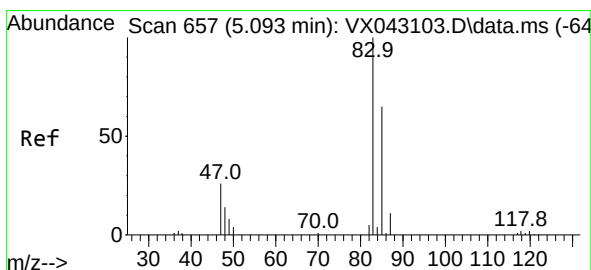
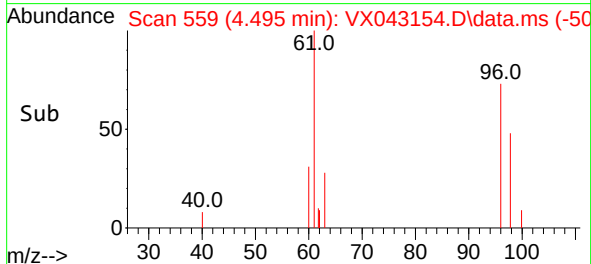
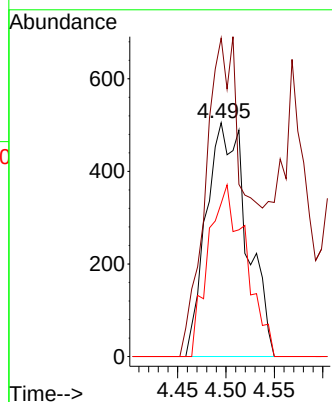
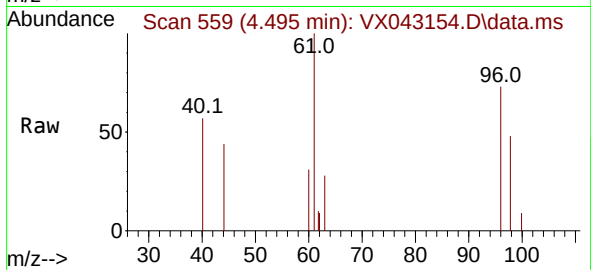




#27
cis-1,2-Dichloroethene
Concen: 1.271 ug/l
RT: 4.495 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX043154.D
Acq: 25 Sep 2024 15:35

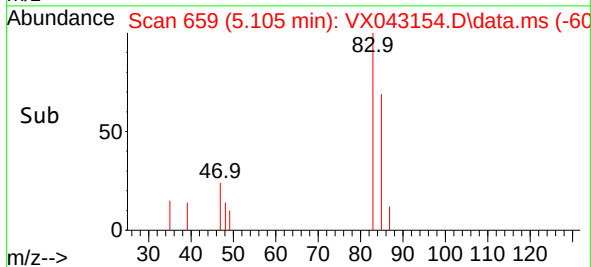
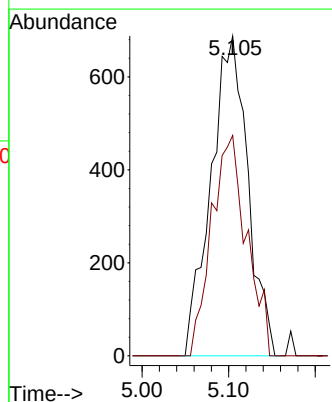
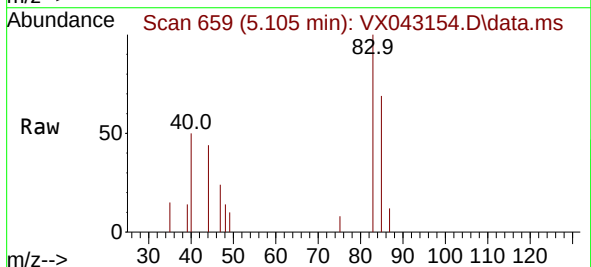
Instrument :
MSVOA_X
ClientSampleId :
TT180D1-20240923

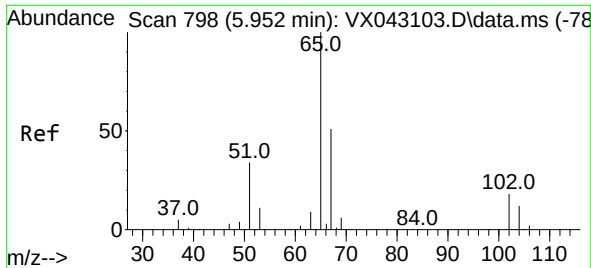
Tgt Ion: 96 Resp: 1473
Ion Ratio Lower Upper
96 100
61 136.7 0.0 297.8
98 68.6 0.0 131.2



#30
Chloroform
Concen: 1.023 ug/l
RT: 5.105 min Scan# 659
Delta R.T. 0.012 min
Lab File: VX043154.D
Acq: 25 Sep 2024 15:35

Tgt Ion: 83 Resp: 2040
Ion Ratio Lower Upper
83 100
85 68.9 52.4 78.6

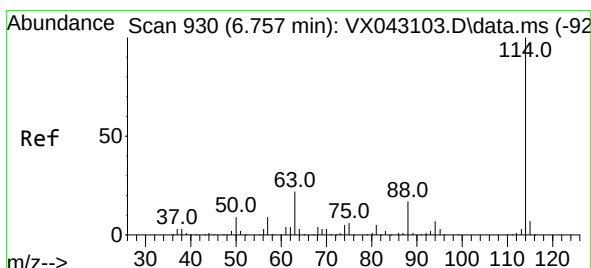
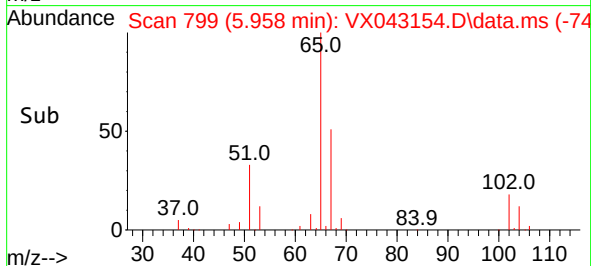
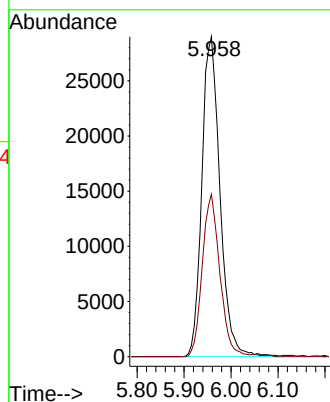
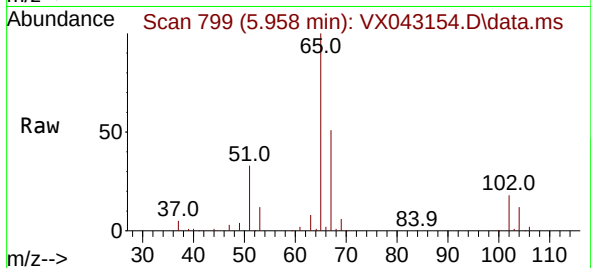




#33
 1,2-Dichloroethane-d4
 Concen: 55.156 ug/l
 RT: 5.958 min Scan# 798
 Delta R.T. 0.006 min
 Lab File: VX043154.D
 Acq: 25 Sep 2024 15:35

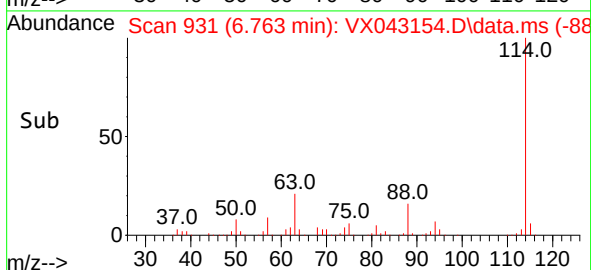
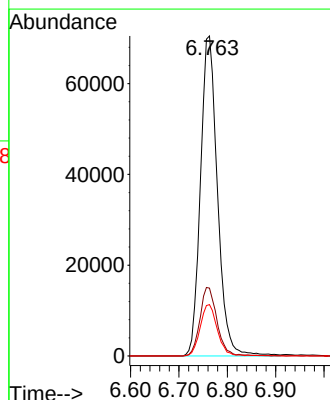
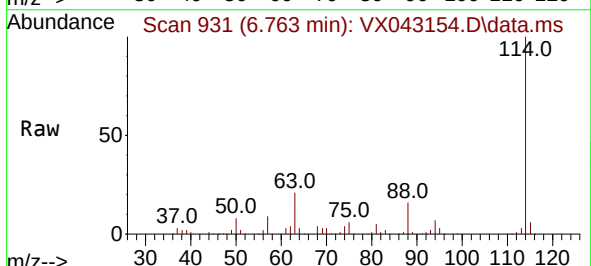
Instrument :
 MSVOA_X
 ClientSampleId :
 TT180D1-20240923

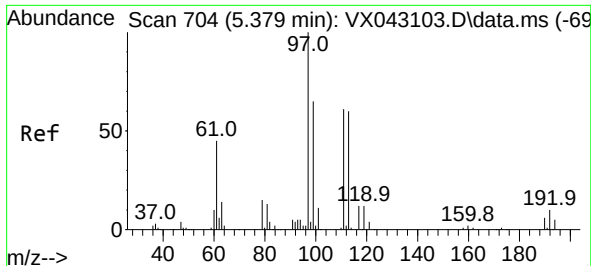
Tgt Ion: 65 Resp: 77796
 Ion Ratio Lower Upper
 65 100
 67 49.4 0.0 99.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.006 min
 Lab File: VX043154.D
 Acq: 25 Sep 2024 15:35

Tgt Ion: 114 Resp: 172364
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 43.2
 88 16.1 0.0 33.4

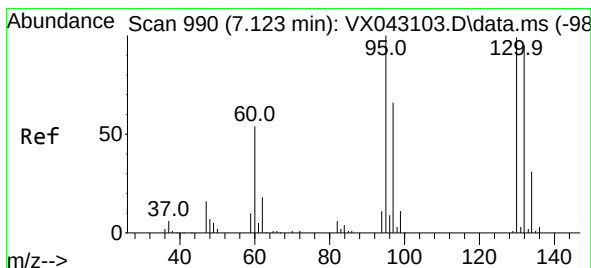
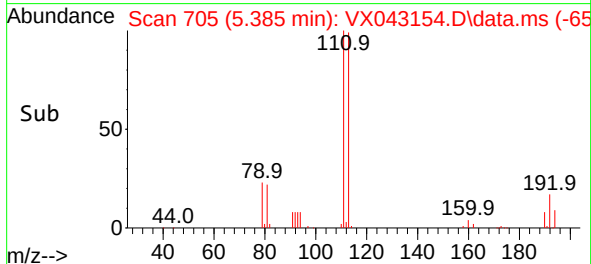
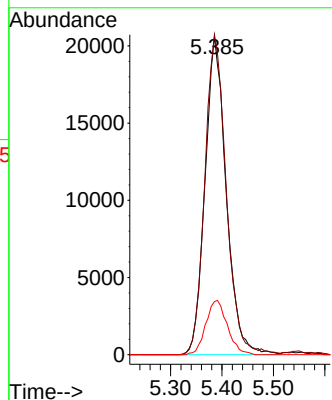
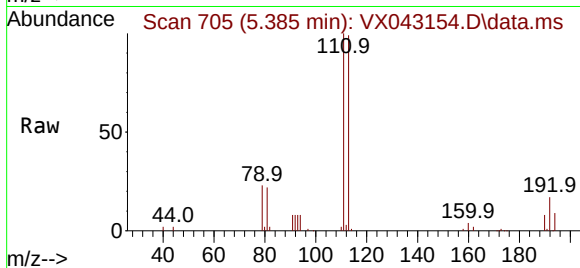




#35
 Dibromofluoromethane
 Concen: 48.530 ug/l
 RT: 5.385 min Scan# 704
 Delta R.T. 0.006 min
 Lab File: VX043154.D
 Acq: 25 Sep 2024 15:35

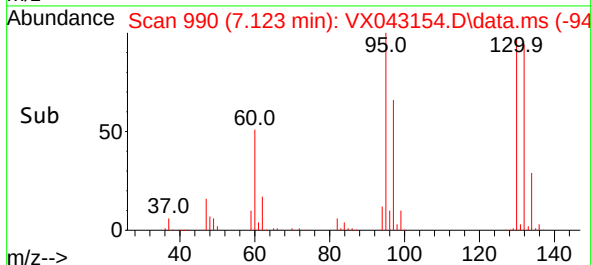
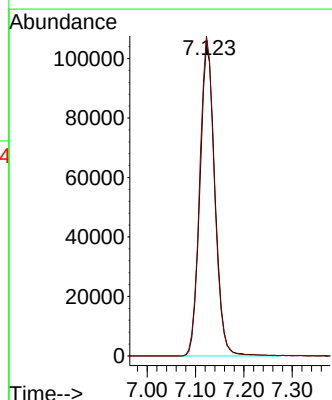
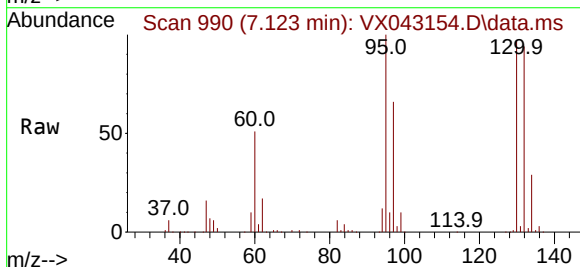
Instrument :
 MSVOA_X
 ClientSampleId :
 TT180D1-20240923

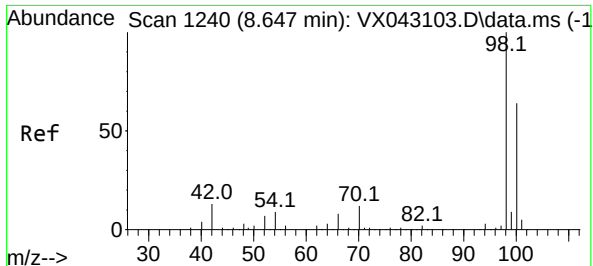
Tgt Ion:113 Resp: 59008
 Ion Ratio Lower Upper
 113 100
 111 102.0 82.6 124.0
 192 17.4 14.6 22.0



#44
 Trichloroethene
 Concen: 187.557 ug/l
 RT: 7.123 min Scan# 990
 Delta R.T. -0.000 min
 Lab File: VX043154.D
 Acq: 25 Sep 2024 15:35

Tgt Ion:130 Resp: 226242
 Ion Ratio Lower Upper
 130 100
 95 103.0 0.0 201.6





#50

Toluene-d8

Concen: 50.347 ug/l

RT: 8.647 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX043154.D

Acq: 25 Sep 2024 15:35

Instrument :

MSVOA_X

ClientSampleId :

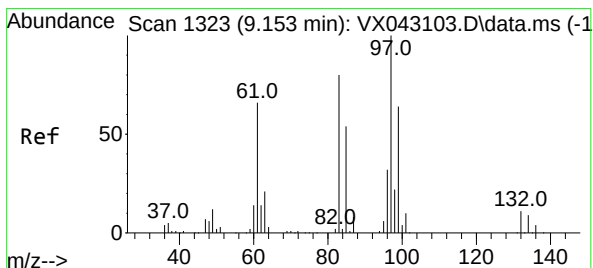
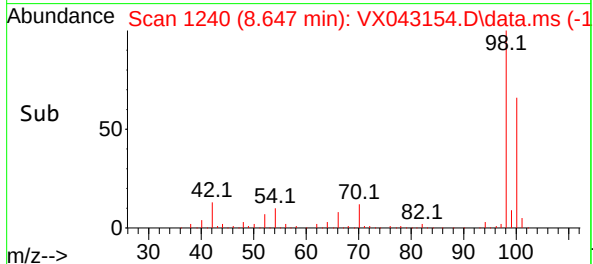
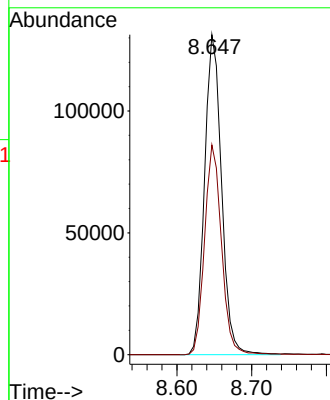
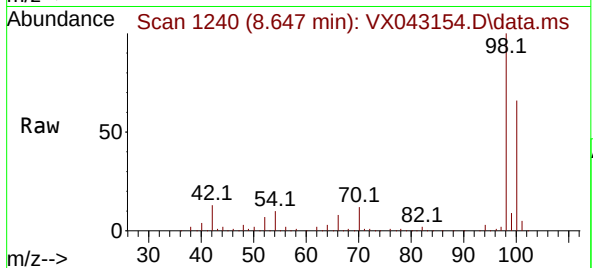
TT180D1-20240923

Tgt Ion: 98 Resp: 207113

Ion Ratio Lower Upper

98 100

100 65.5 52.2 78.4



#55

1,1,2-Trichloroethane

Concen: 0.714 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. -0.000 min

Lab File: VX043154.D

Acq: 25 Sep 2024 15:35

Tgt Ion: 97 Resp: 835

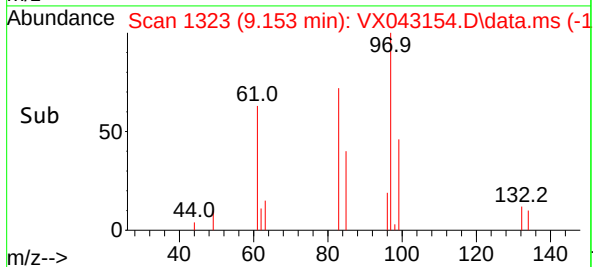
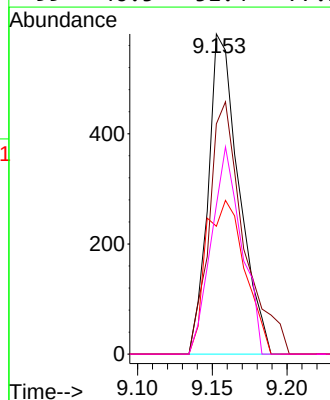
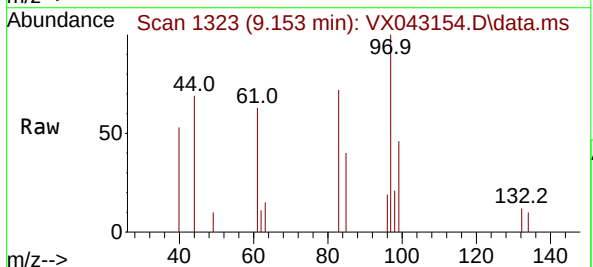
Ion Ratio Lower Upper

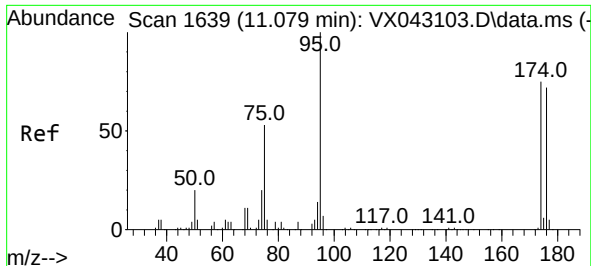
97 100

83 71.9 64.2 96.4

85 39.9 43.0 64.6#

99 46.5 51.4 77.2#

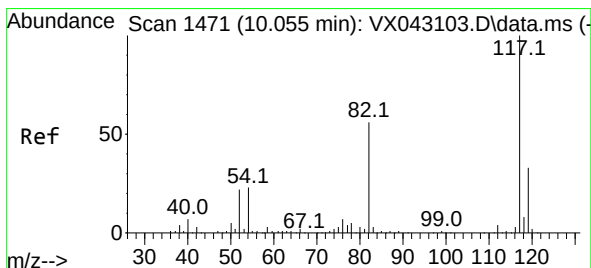
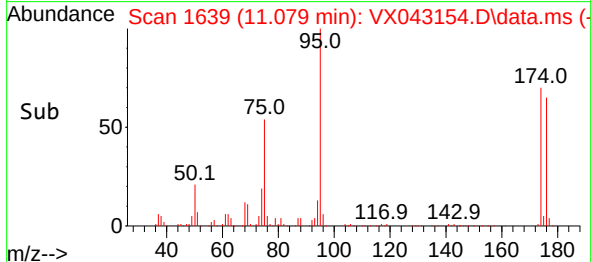
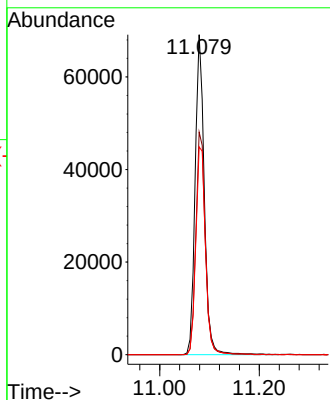
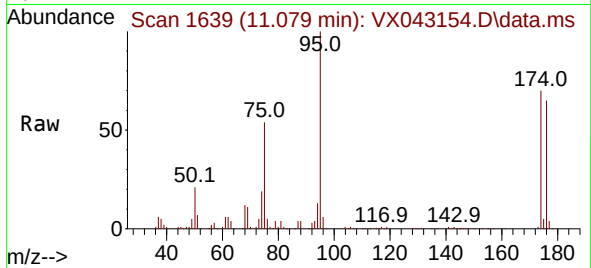




#62
4-Bromofluorobenzene
Concen: 53.000 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX043154.D
Acq: 25 Sep 2024 15:35

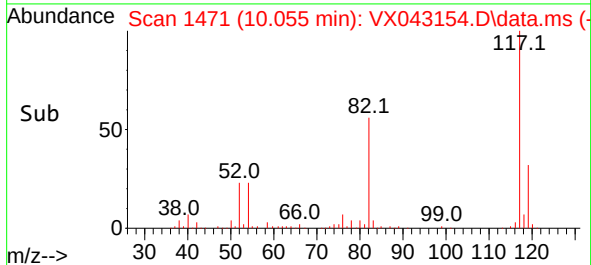
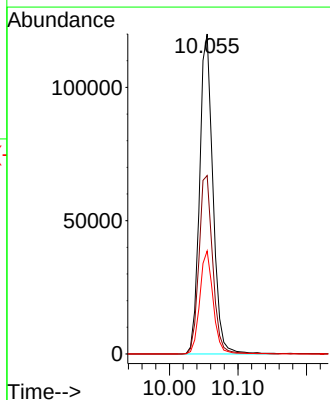
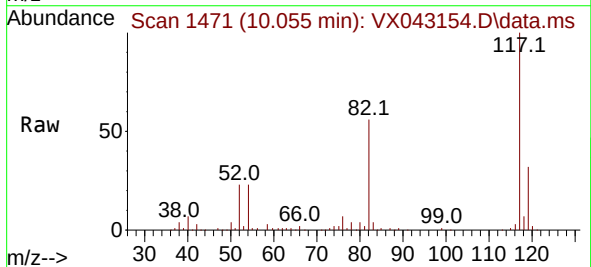
Instrument :
MSVOA_X
ClientSampleId :
TT180D1-20240923

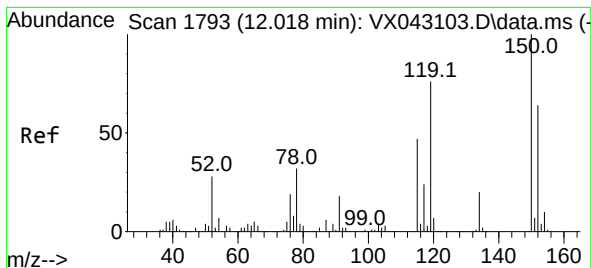
Tgt Ion: 95 Resp: 87802
Ion Ratio Lower Upper
95 100
174 72.1 0.0 146.0
176 68.7 0.0 142.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX043154.D
Acq: 25 Sep 2024 15:35

Tgt Ion: 117 Resp: 162850
Ion Ratio Lower Upper
117 100
82 55.8 44.7 67.1
119 32.2 26.3 39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX043154.D

Acq: 25 Sep 2024 15:35

Instrument :

MSVOA_X

ClientSampleId :

TT180D1-20240923

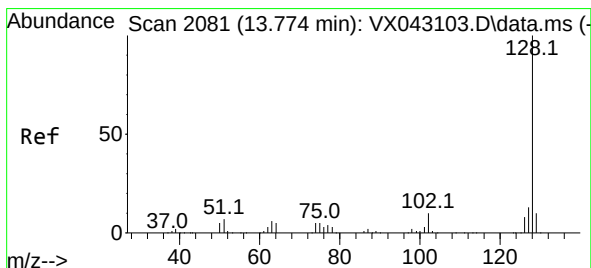
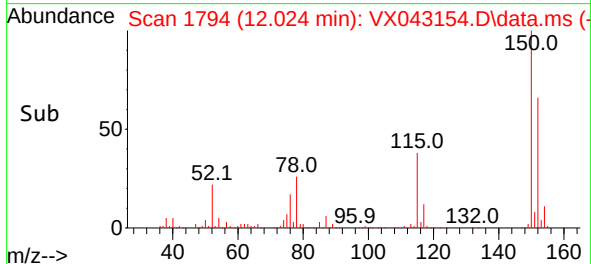
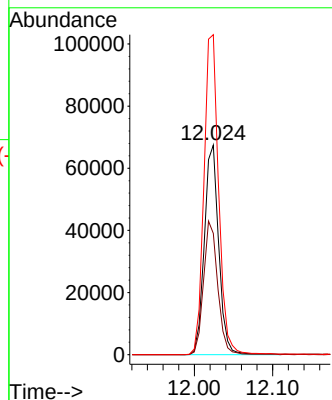
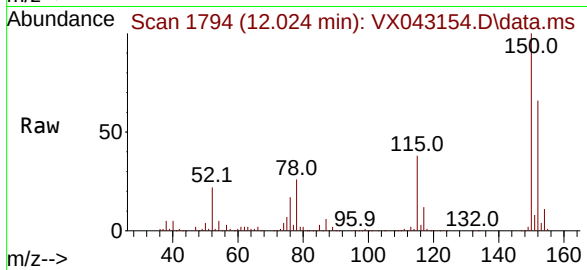
Tgt Ion:152 Resp: 85947

Ion Ratio Lower Upper

152 100

115 62.8 43.7 131.1

150 156.6 0.0 344.6



#95

Naphthalene

Concen: 0.677 ug/l

RT: 13.780 min Scan# 2082

Delta R.T. 0.006 min

Lab File: VX043154.D

Acq: 25 Sep 2024 15:35

Tgt Ion:128 Resp: 4051

Ion Ratio Lower Upper

128 100

127 14.1 10.2 15.4

129 10.0 8.6 13.0

