

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092524\
 Data File : VX043159.D
 Acq On : 25 Sep 2024 17:30
 Operator : JC/MD
 Sample : P4164-12
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE139D1-20240920

Quant Time: Sep 26 01:38:56 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)

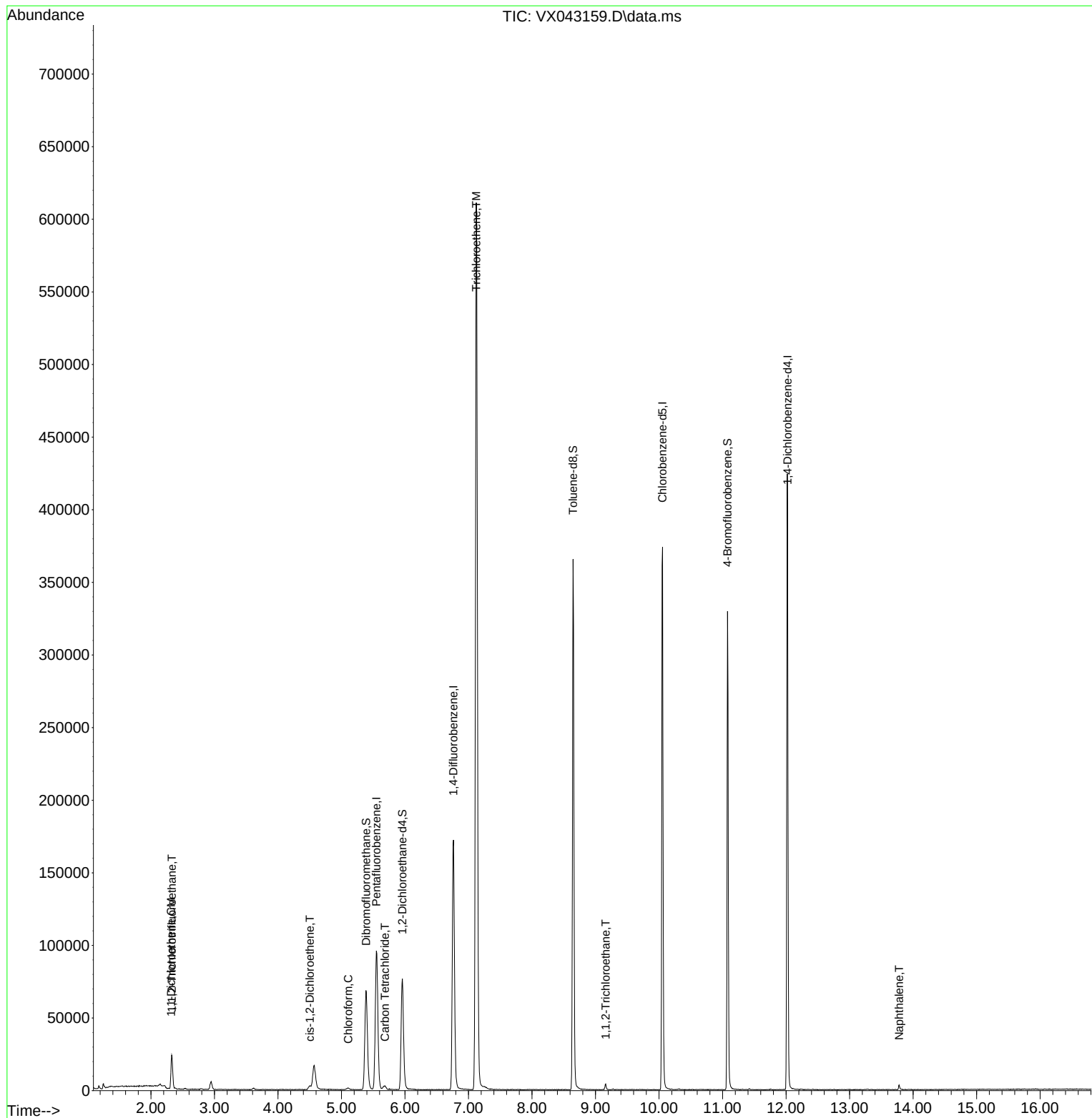
Internal Standards						
1) Pentafluorobenzene	5.550	168	85910	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	173638	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	165379	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	86387	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	77949	54.624	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 109.240%	
35) Dibromofluoromethane	5.385	113	59966	48.956	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 97.920%	
50) Toluene-d8	8.647	98	213251	51.459	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 102.920%	
62) 4-Bromofluorobenzene	11.079	95	87664	52.528	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 105.060%	
Target Compounds						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.331	101	5937	6.237	ug/l	99
12) 1,1-Dichloroethene	2.319	96	3602	3.956	ug/l	95
27) cis-1,2-Dichloroethene	4.501	96	1879	1.602	ug/l	87
30) Chloroform	5.105	83	1588	0.787	ug/l	87
38) Carbon Tetrachloride	5.684	117	2344	1.209	ug/l	91
44) Trichloroethene	7.123	130	229292	188.691	ug/l	99
55) 1,1,2-Trichloroethane	9.159	97	1102	0.936	ug/l #	88
95) Naphthalene	13.780	128	2706	0.450	ug/l	97

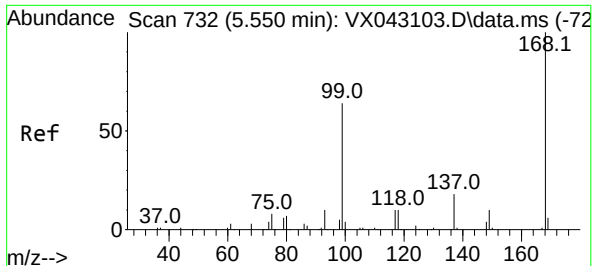
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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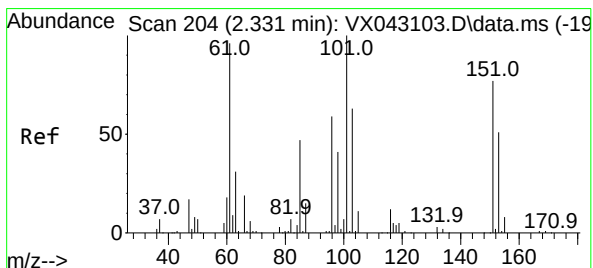
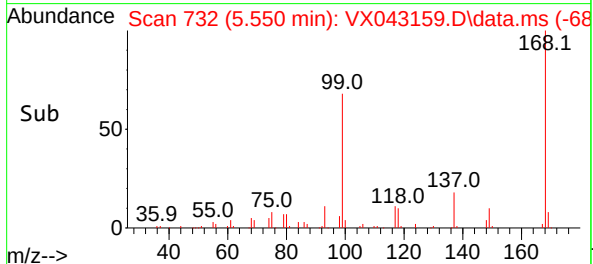
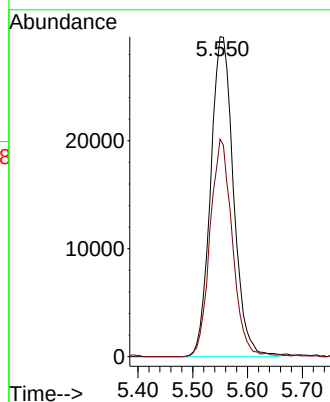
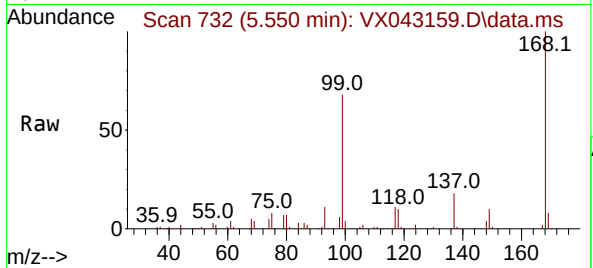




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX043159.D
Acq: 25 Sep 2024 17:30

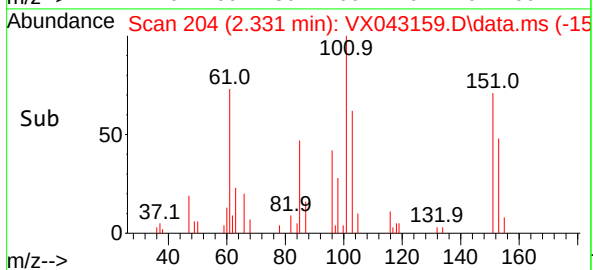
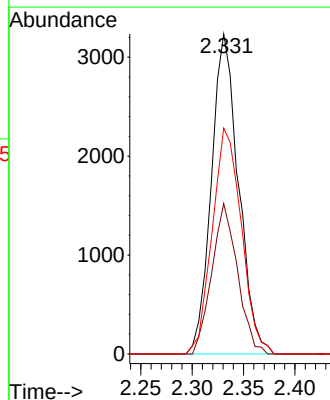
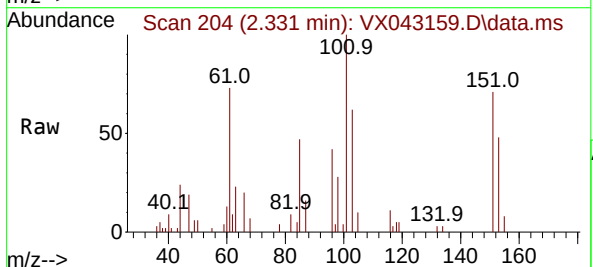
Instrument :
MSVOA_X
ClientSampleId :
RE139D1-20240920

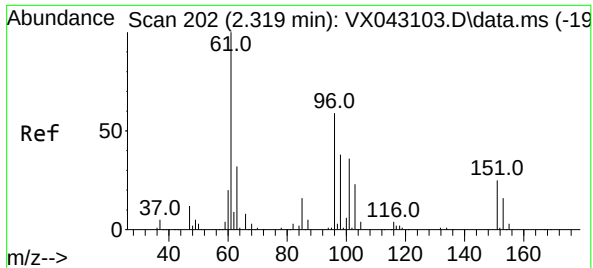
Tgt Ion:168 Resp: 85910
Ion Ratio Lower Upper
168 100
99 67.9 50.8 76.2



#9
1,1,2-Trichlorotrifluoroethane
Concen: 6.237 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX043159.D
Acq: 25 Sep 2024 17:30

Tgt Ion:101 Resp: 5937
Ion Ratio Lower Upper
101 100
85 44.6 37.0 55.4
151 75.6 60.2 90.4

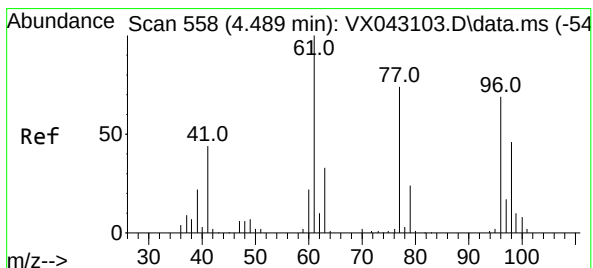
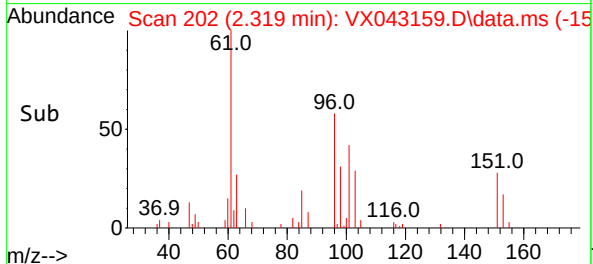
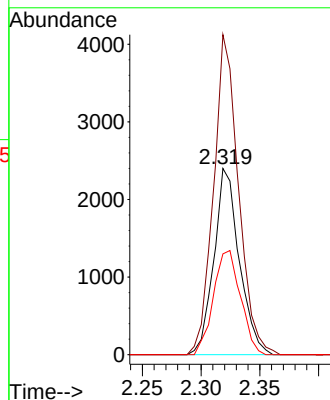
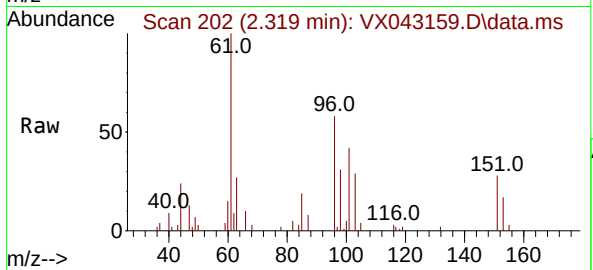




#12
 1,1-Dichloroethene
 Concen: 3.956 ug/l
 RT: 2.319 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VX043159.D
 Acq: 25 Sep 2024 17:30

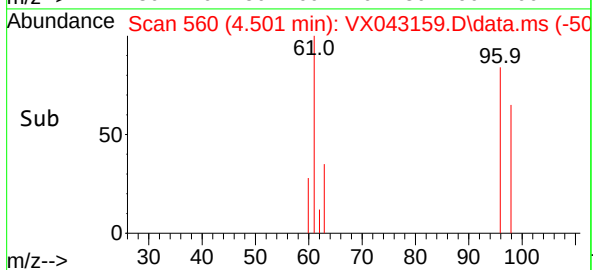
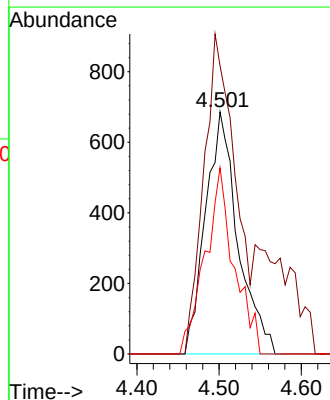
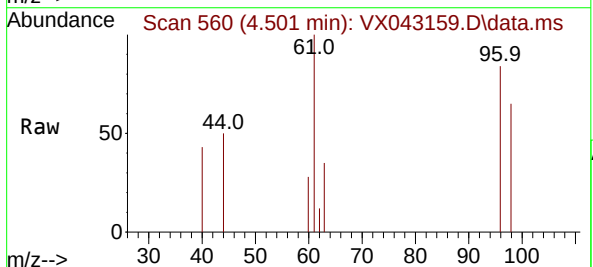
Instrument :
 MSVOA_X
 ClientSampleId :
 RE139D1-20240920

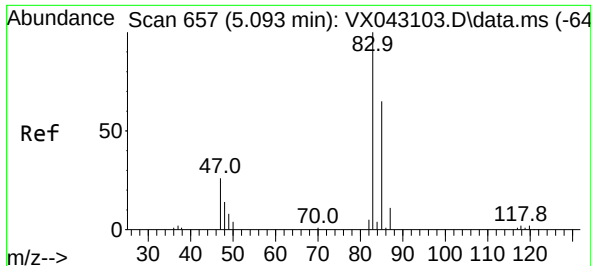
Tgt Ion: 96 Resp: 3602
 Ion Ratio Lower Upper
 96 100
 61 171.8 134.7 202.1
 98 54.1 51.6 77.4



#27
 cis-1,2-Dichloroethene
 Concen: 1.602 ug/l
 RT: 4.501 min Scan# 560
 Delta R.T. 0.012 min
 Lab File: VX043159.D
 Acq: 25 Sep 2024 17:30

Tgt Ion: 96 Resp: 1879
 Ion Ratio Lower Upper
 96 100
 61 126.9 0.0 297.8
 98 68.8 0.0 131.2

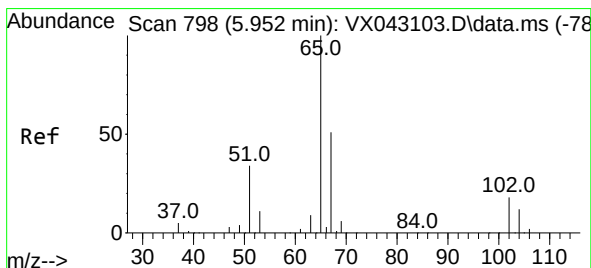
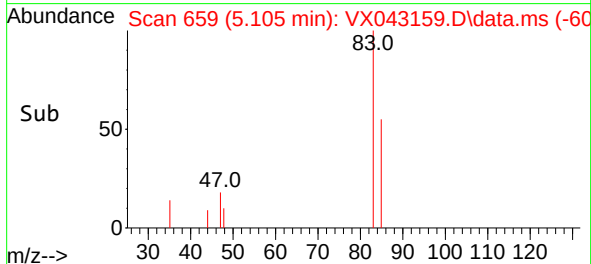
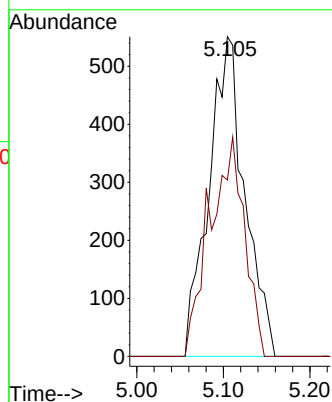
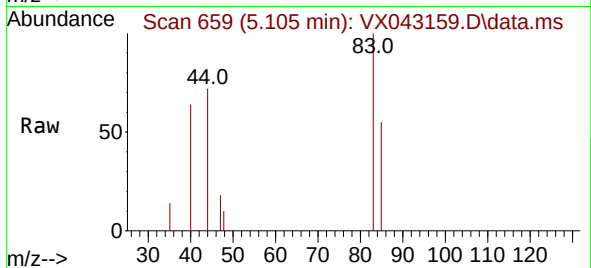




#30
Chloroform
Concen: 0.787 ug/l
RT: 5.105 min Scan# 61
Delta R.T. 0.012 min
Lab File: VX043159.D
Acq: 25 Sep 2024 17:30

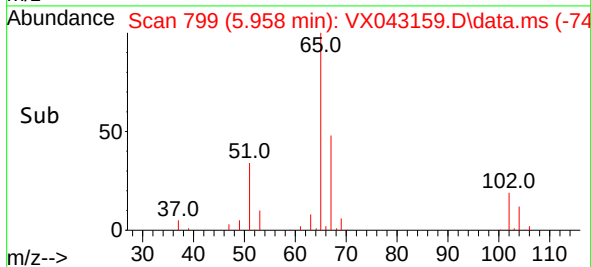
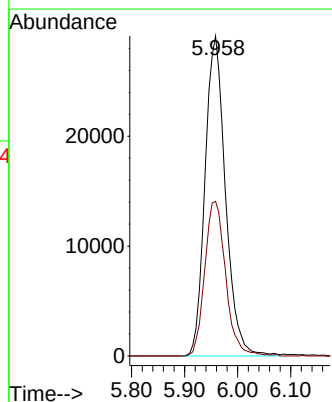
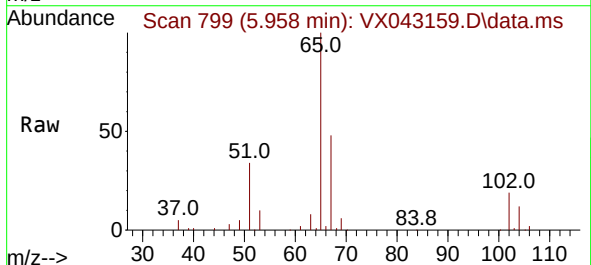
Instrument :
MSVOA_X
ClientSampleId :
RE139D1-20240920

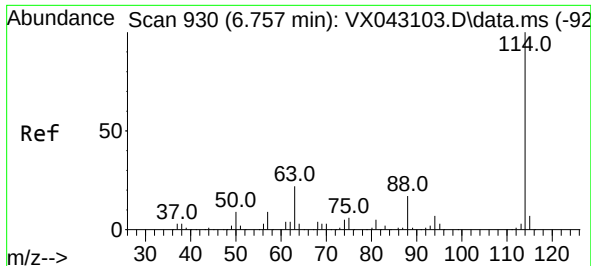
Tgt Ion: 83 Resp: 1588
Ion Ratio Lower Upper
83 100
85 55.2 52.4 78.6



#33
1,2-Dichloroethane-d4
Concen: 54.624 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX043159.D
Acq: 25 Sep 2024 17:30

Tgt Ion: 65 Resp: 77949
Ion Ratio Lower Upper
65 100
67 49.6 0.0 99.0

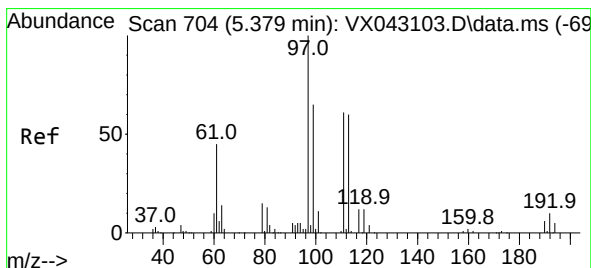
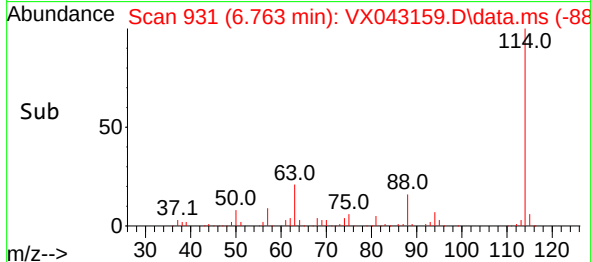
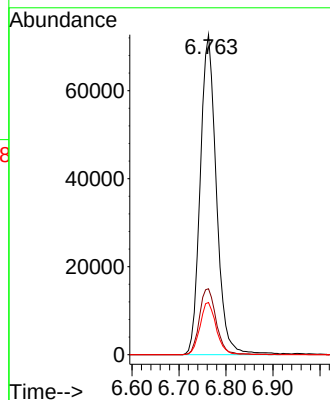
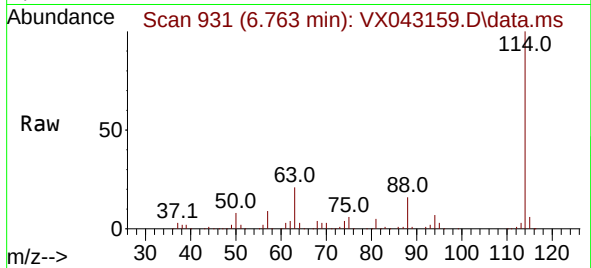




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX043159.D
Acq: 25 Sep 2024 17:30

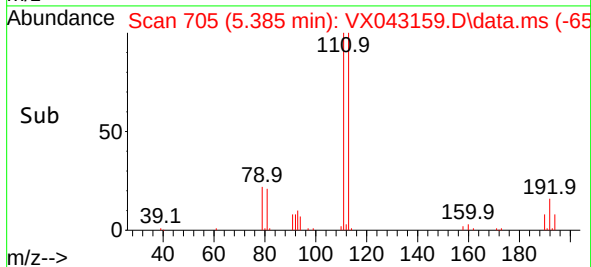
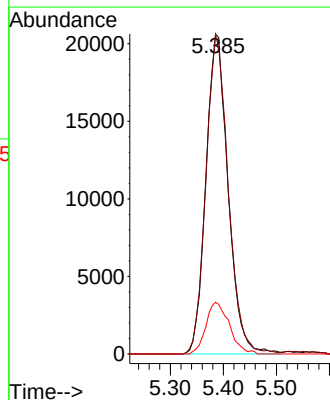
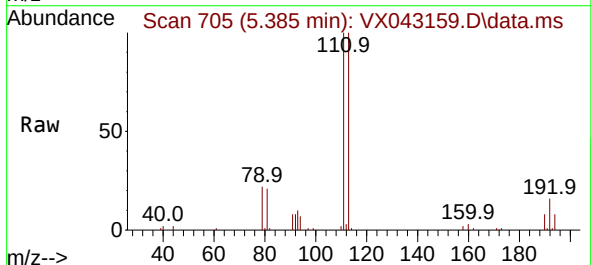
Instrument :
MSVOA_X
ClientSampleId :
RE139D1-20240920

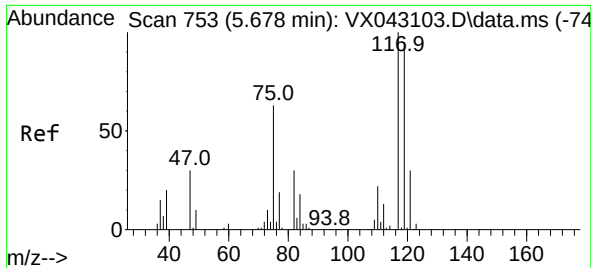
Tgt Ion:114 Resp: 173638
Ion Ratio Lower Upper
114 100
63 20.6 0.0 43.2
88 16.3 0.0 33.4



#35
Dibromofluoromethane
Concen: 48.956 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX043159.D
Acq: 25 Sep 2024 17:30

Tgt Ion:113 Resp: 59966
Ion Ratio Lower Upper
113 100
111 100.4 82.6 124.0
192 17.0 14.6 22.0

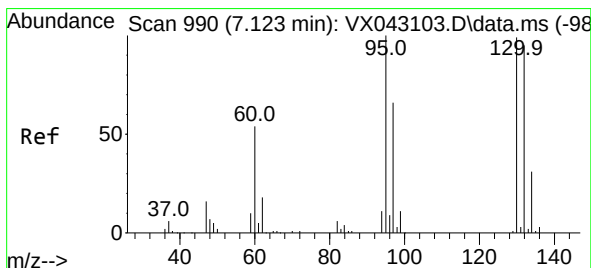
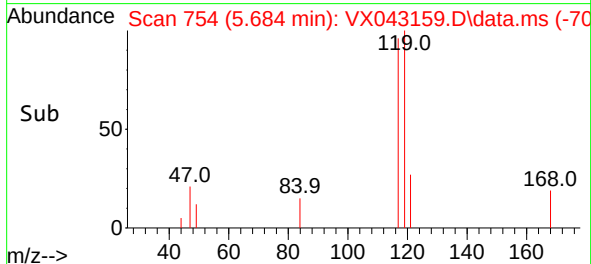
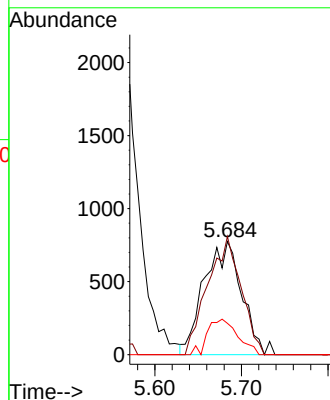
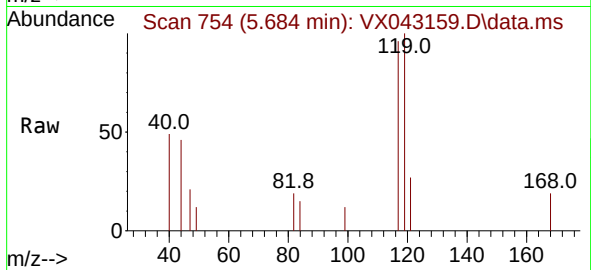




#38
Carbon Tetrachloride
Concen: 1.209 ug/l
RT: 5.684 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX043159.D
Acq: 25 Sep 2024 17:30

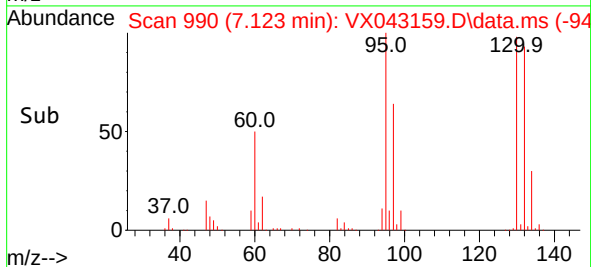
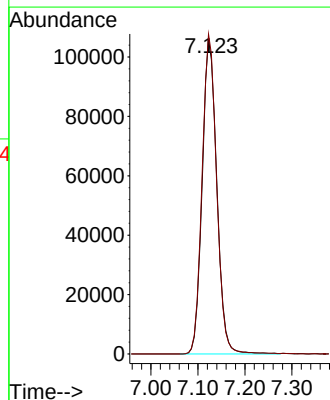
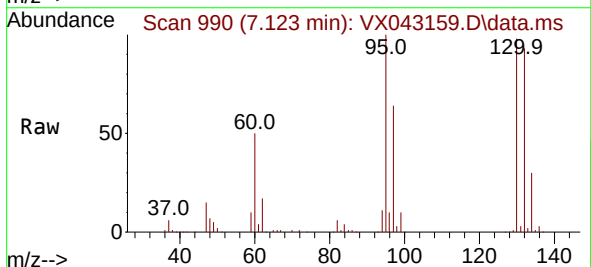
Instrument :
MSVOA_X
ClientSampleId :
RE139D1-20240920

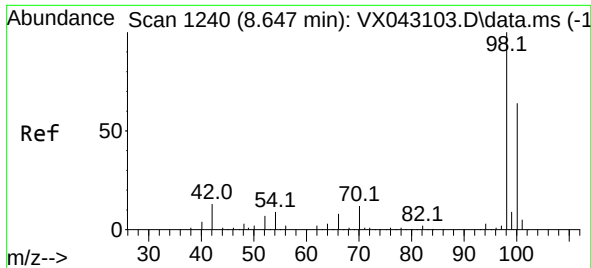
Tgt Ion:117 Resp: 2344
Ion Ratio Lower Upper
117 100
119 104.5 75.5 113.3
121 27.8 24.2 36.2



#44
Trichloroethene
Concen: 188.691 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX043159.D
Acq: 25 Sep 2024 17:30

Tgt Ion:130 Resp: 229292
Ion Ratio Lower Upper
130 100
95 101.7 0.0 201.6

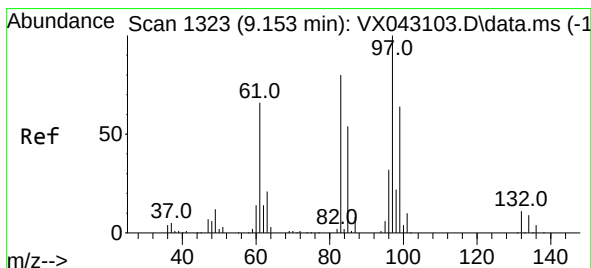
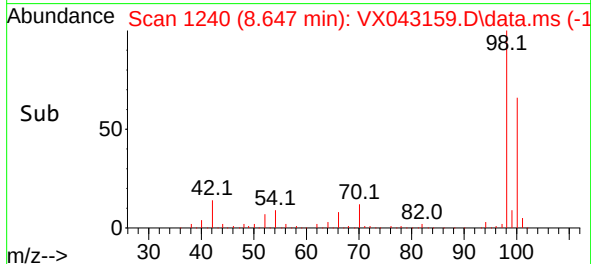
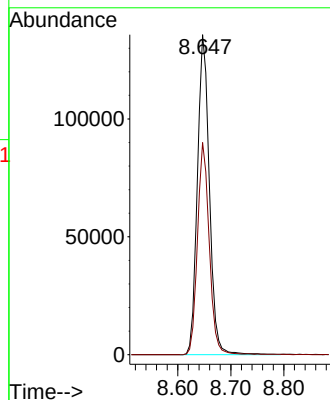
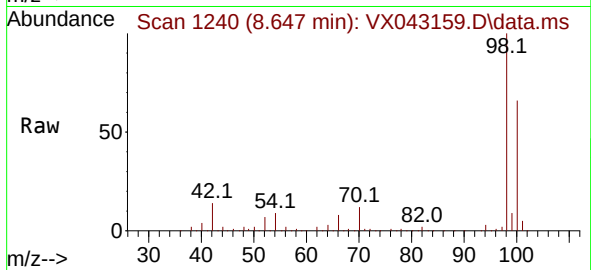




#50
Toluene-d8
Concen: 51.459 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX043159.D
Acq: 25 Sep 2024 17:30

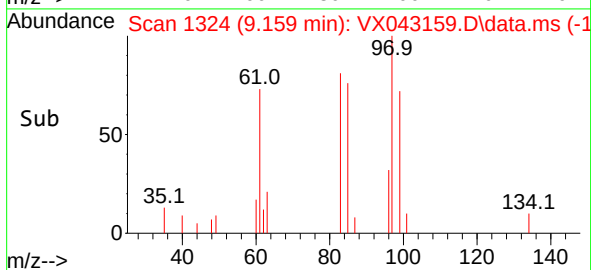
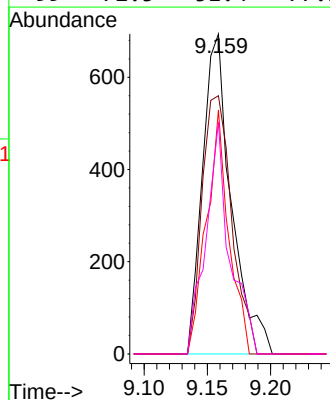
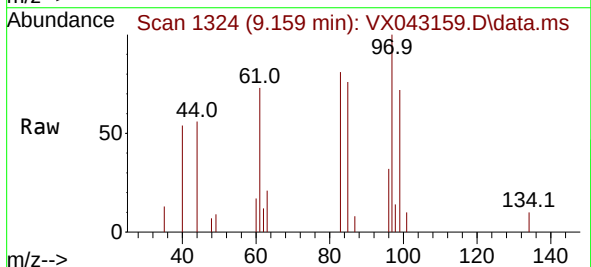
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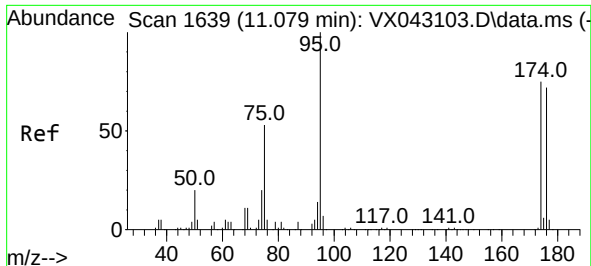
Tgt Ion: 98 Resp: 213251
Ion Ratio Lower Upper
98 100
100 64.9 52.2 78.4



#55
1,1,2-Trichloroethane
Concen: 0.936 ug/l
RT: 9.159 min Scan# 1324
Delta R.T. 0.006 min
Lab File: VX043159.D
Acq: 25 Sep 2024 17:30

Tgt Ion: 97 Resp: 1102
Ion Ratio Lower Upper
97 100
83 80.7 64.2 96.4
85 76.2 43.0 64.6#
99 72.5 51.4 77.2





#62

4-Bromofluorobenzene

Concen: 52.528 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX043159.D

Acq: 25 Sep 2024 17:30

Instrument :

MSVOA_X

ClientSampleId :

RE139D1-20240920

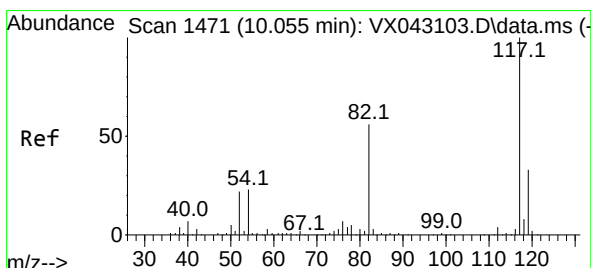
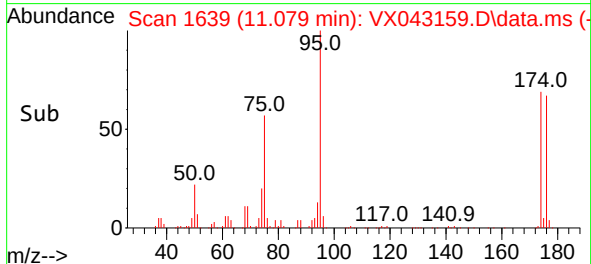
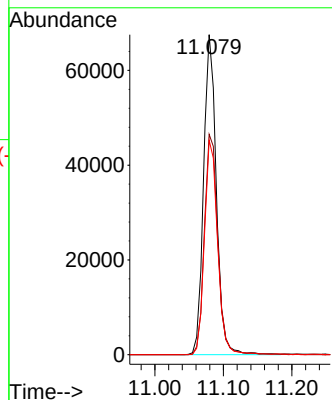
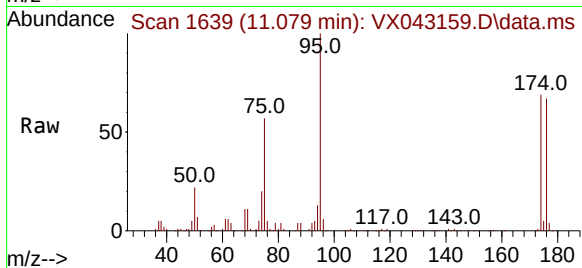
Tgt Ion: 95 Resp: 87664

Ion Ratio Lower Upper

95 100

174 72.7 0.0 146.0

176 69.1 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: VX043159.D

Acq: 25 Sep 2024 17:30

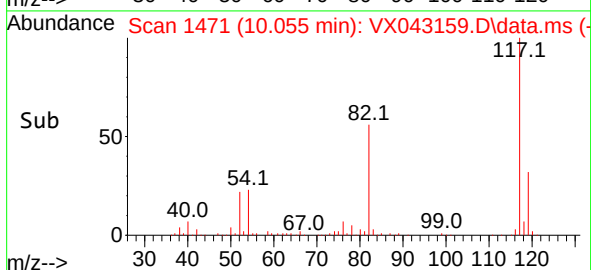
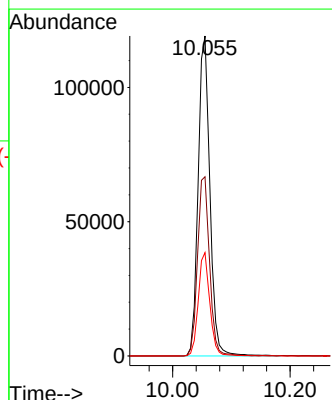
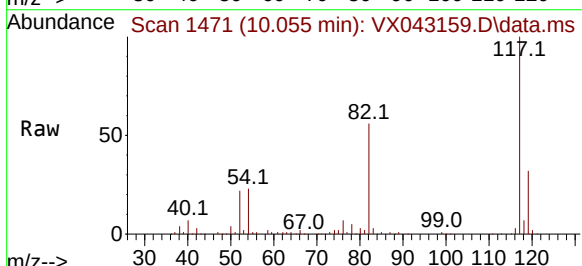
Tgt Ion: 117 Resp: 165379

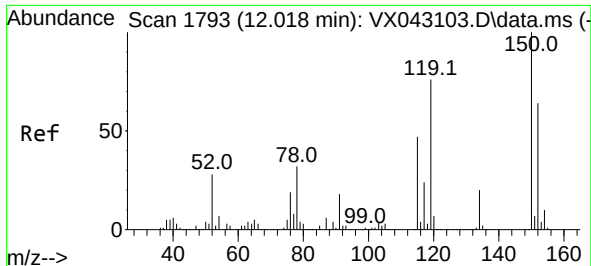
Ion Ratio Lower Upper

117 100

82 56.0 44.7 67.1

119 32.3 26.3 39.5

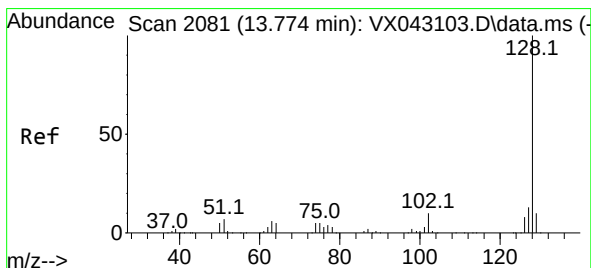
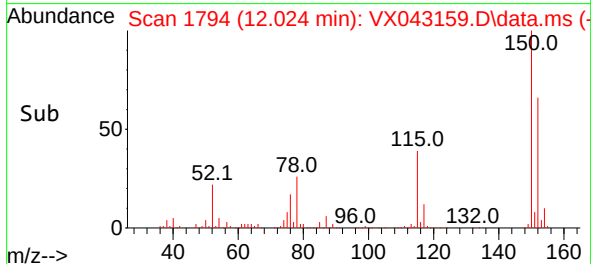
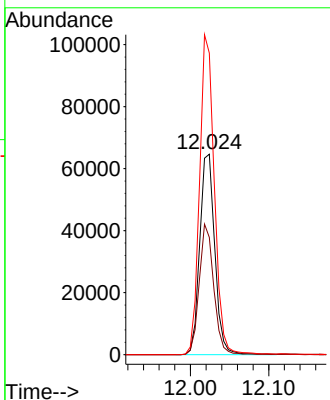
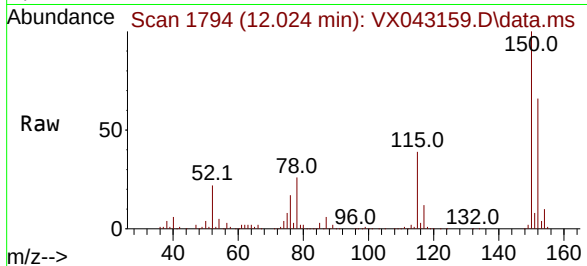




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX043159.D
Acq: 25 Sep 2024 17:30

Instrument :
MSVOA_X
ClientSampleId :
RE139D1-20240920

Tgt Ion:152 Resp: 86387
Ion Ratio Lower Upper
152 100
115 63.0 43.7 131.1
150 156.6 0.0 344.6



#95
Naphthalene
Concen: 0.450 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX043159.D
Acq: 25 Sep 2024 17:30

Tgt Ion:128 Resp: 2706
Ion Ratio Lower Upper
128 100
127 10.6 10.2 15.4
129 10.8 8.6 13.0

