

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092524\
 Data File : VX043151.D
 Acq On : 25 Sep 2024 14:25
 Operator : JC/MD
 Sample : P4164-14
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE135D2-20240920

Quant Time: Sep 26 01:35:29 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)

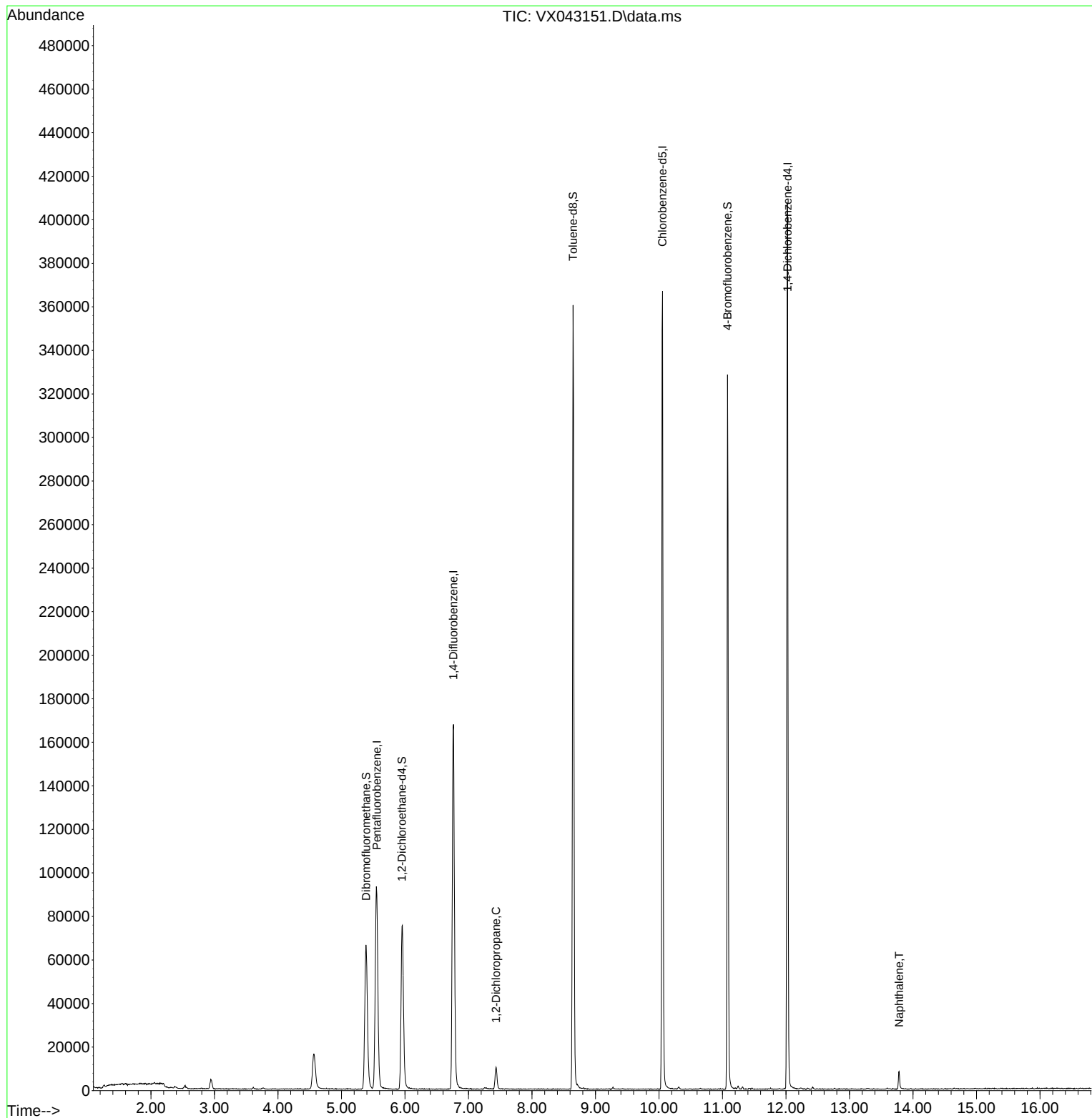
Internal Standards						
1) Pentafluorobenzene	5.556	168	84867	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	170344	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	162703	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	81745	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	77321	54.850	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 109.700%	
35) Dibromofluoromethane	5.385	113	59008	49.105	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 98.220%	
50) Toluene-d8	8.647	98	210549	51.789	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 103.580%	
62) 4-Bromofluorobenzene	11.079	95	86841	53.041	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 106.080%	
Target Compounds						
					Qvalue	
45) 1,2-Dichloropropane	7.434	63	3986	3.673	ug/l #	86
95) Naphthalene	13.780	128	6617	1.162	ug/l	98

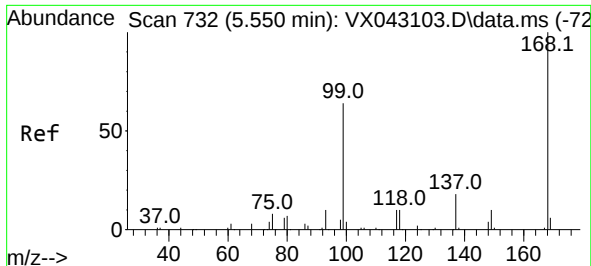
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX043151.D

Acq: 25 Sep 2024 14:25

Instrument :

MSVOA_X

ClientSampleId :

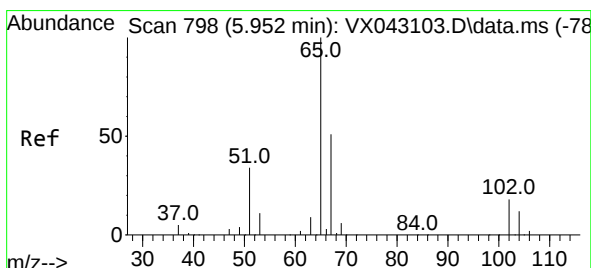
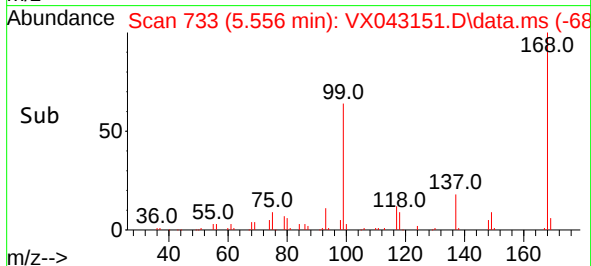
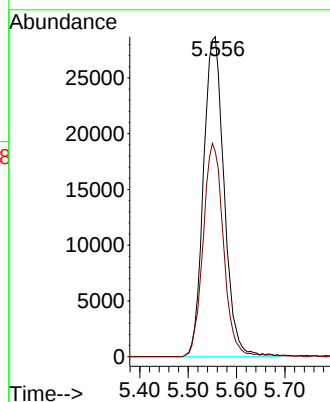
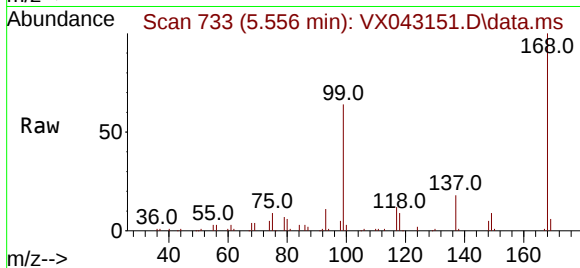
RE135D2-20240920

Tgt Ion:168 Resp: 84867

Ion Ratio Lower Upper

168 100

99 64.2 50.8 76.2



#33

1,2-Dichloroethane-d4

Concen: 54.850 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX043151.D

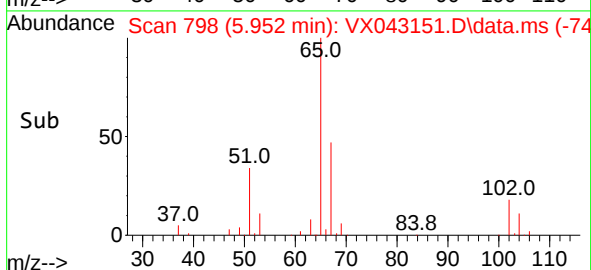
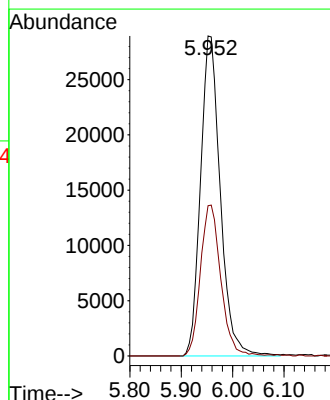
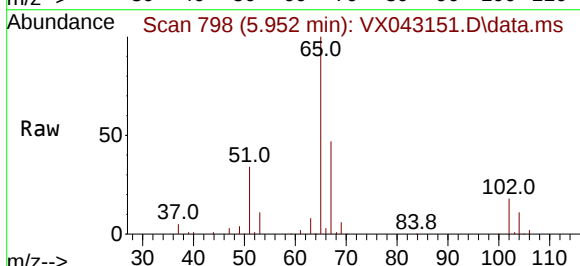
Acq: 25 Sep 2024 14:25

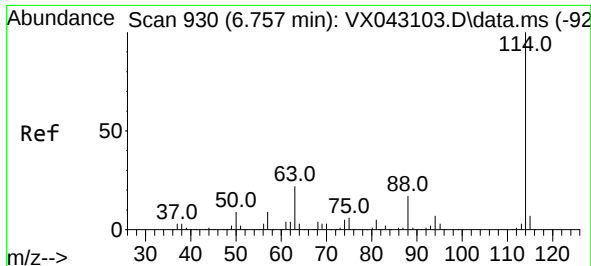
Tgt Ion: 65 Resp: 77321

Ion Ratio Lower Upper

65 100

67 48.5 0.0 99.0

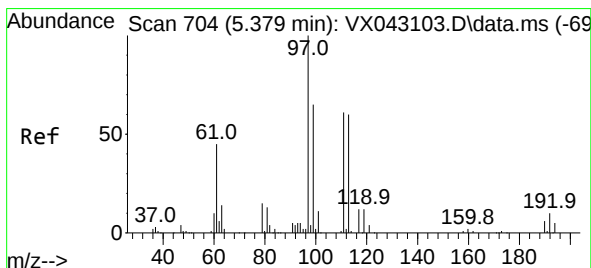
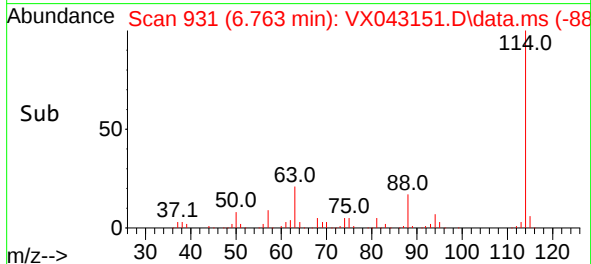
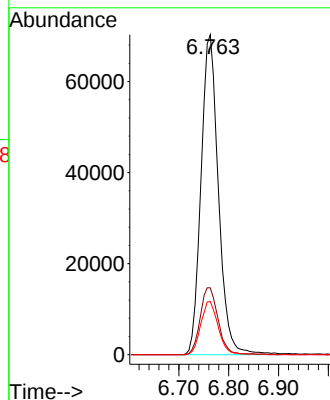
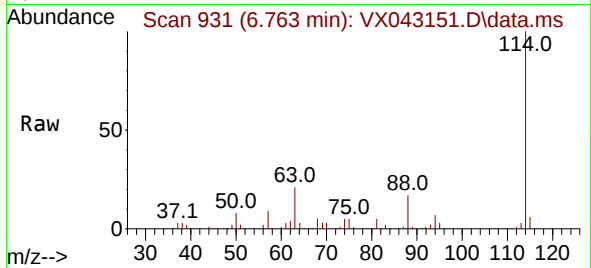




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX043151.D
Acq: 25 Sep 2024 14:25

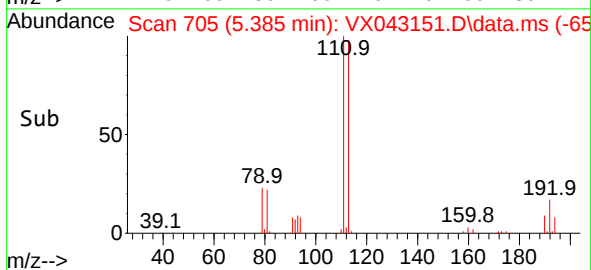
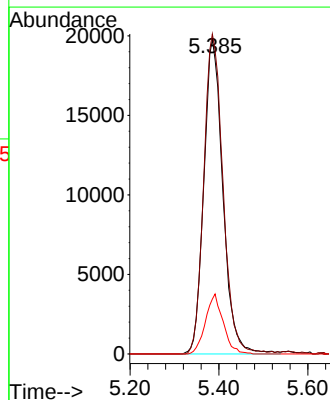
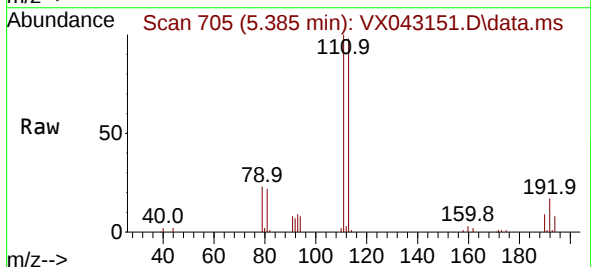
Instrument :
MSVOA_X
ClientSampleId :
RE135D2-20240920

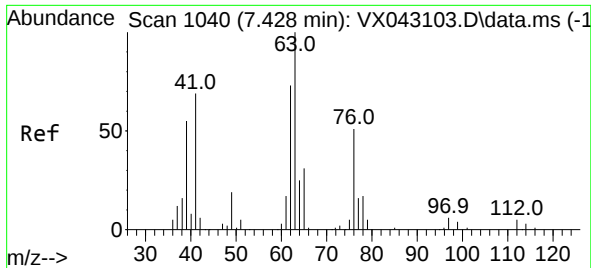
Tgt Ion:114 Resp: 170344
Ion Ratio Lower Upper
114 100
63 20.9 0.0 43.2
88 16.6 0.0 33.4



#35
Dibromofluoromethane
Concen: 49.105 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX043151.D
Acq: 25 Sep 2024 14:25

Tgt Ion:113 Resp: 59008
Ion Ratio Lower Upper
113 100
111 102.6 82.6 124.0
192 17.7 14.6 22.0





#45

1,2-Dichloropropane

Concen: 3.673 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VX043151.D

Acq: 25 Sep 2024 14:25

Instrument :

MSVOA_X

ClientSampleId :

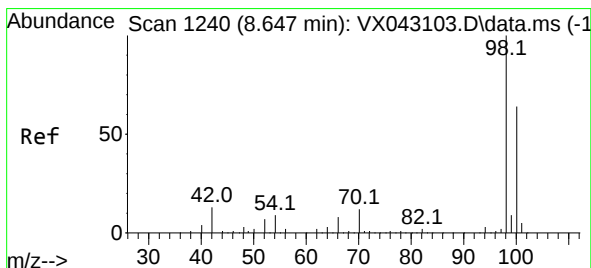
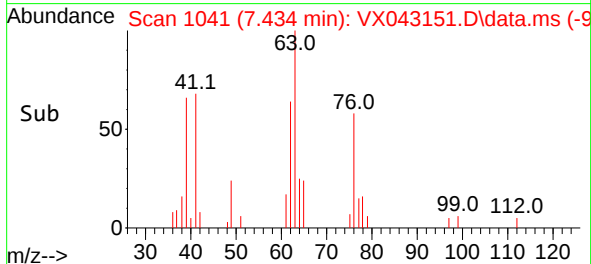
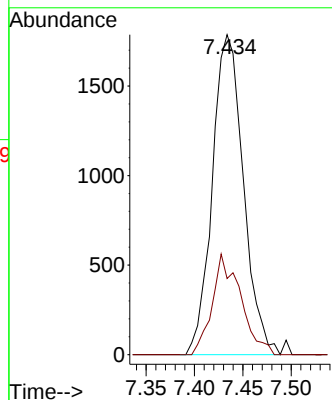
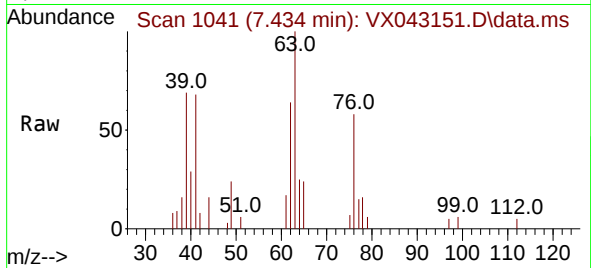
RE135D2-20240920

Tgt Ion: 63 Resp: 3986

Ion Ratio Lower Upper

63 100

65 23.8 25.0 37.6#



#50

Toluene-d8

Concen: 51.789 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX043151.D

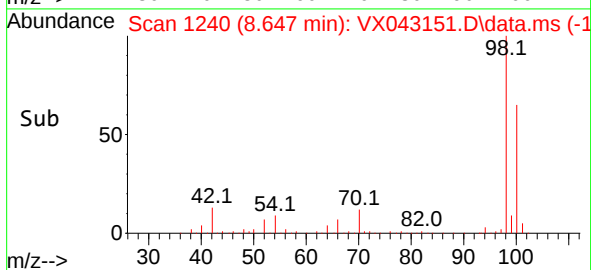
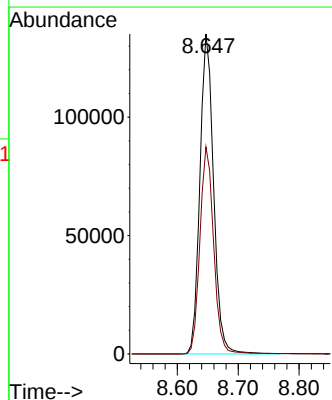
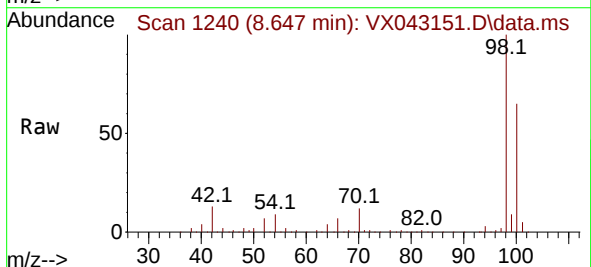
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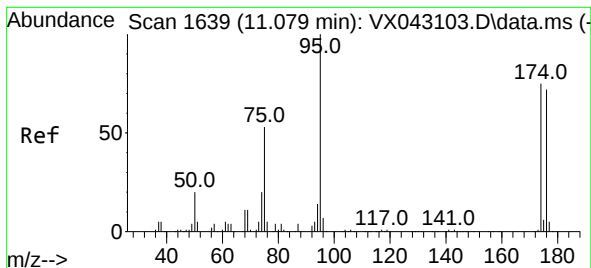
Tgt Ion: 98 Resp: 210549

Ion Ratio Lower Upper

98 100

100 65.0 52.2 78.4

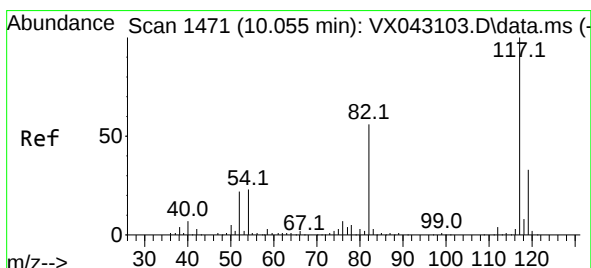
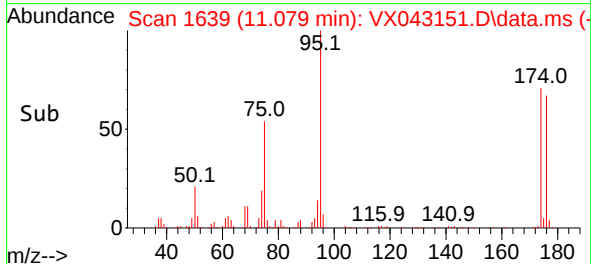
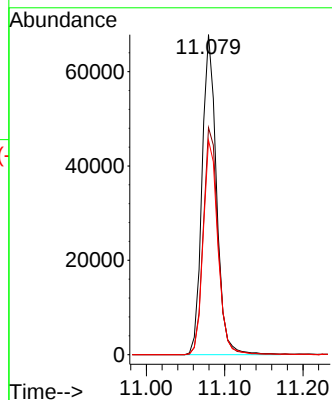
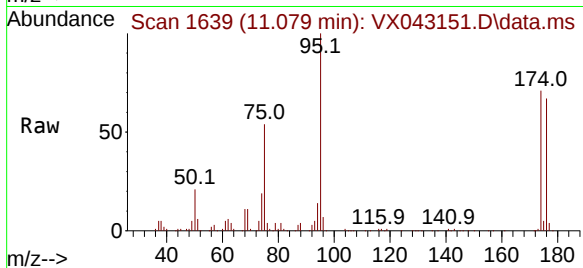




#62
4-Bromofluorobenzene
Concen: 53.041 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX043151.D
Acq: 25 Sep 2024 14:25

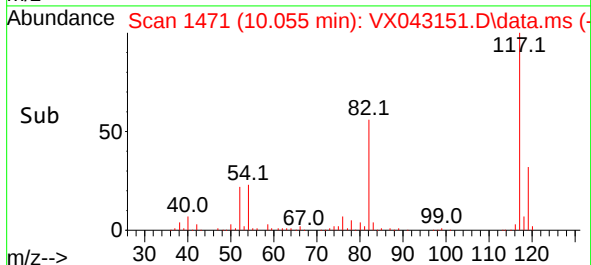
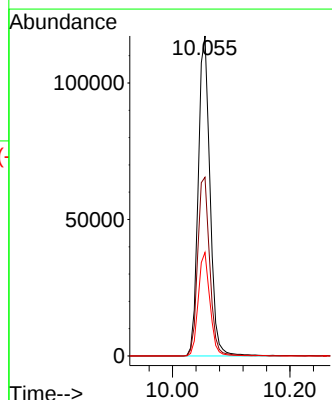
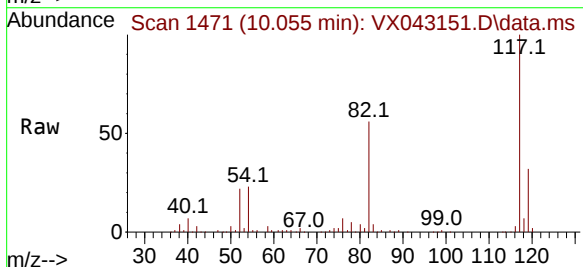
Instrument :
MSVOA_X
ClientSampleId :
RE135D2-20240920

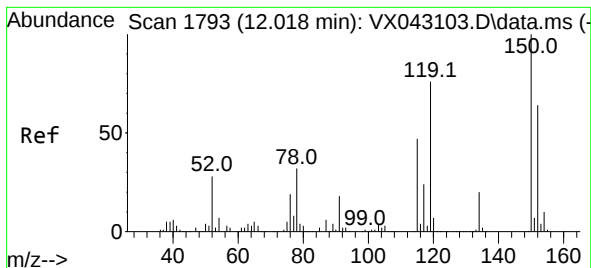
Tgt Ion: 95 Resp: 86841
Ion Ratio Lower Upper
95 100
174 72.5 0.0 146.0
176 68.4 0.0 142.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX043151.D
Acq: 25 Sep 2024 14:25

Tgt Ion: 117 Resp: 162703
Ion Ratio Lower Upper
117 100
82 55.9 44.7 67.1
119 32.3 26.3 39.5

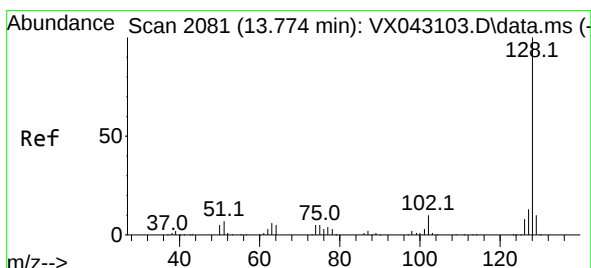
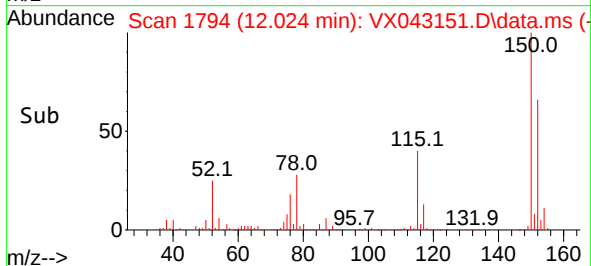
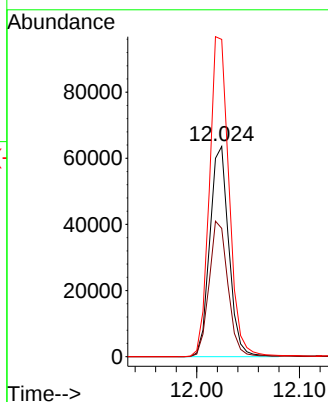
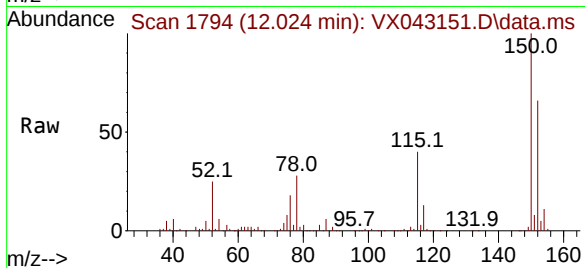




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX043151.D
Acq: 25 Sep 2024 14:25

Instrument :
MSVOA_X
ClientSampleId :
RE135D2-20240920

Tgt Ion:152 Resp: 81745
Ion Ratio Lower Upper
152 100
115 64.3 43.7 131.1
150 157.5 0.0 344.6



#95
Naphthalene
Concen: 1.162 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX043151.D
Acq: 25 Sep 2024 14:25

Tgt Ion:128 Resp: 6617
Ion Ratio Lower Upper
128 100
127 12.5 10.2 15.4
129 9.8 8.6 13.0

