

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092524\
 Data File : VX043156.D
 Acq On : 25 Sep 2024 16:21
 Operator : JC/MD
 Sample : P4164-19
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BPOW1-7-20240923

Quant Time: Sep 26 01:37:40 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)

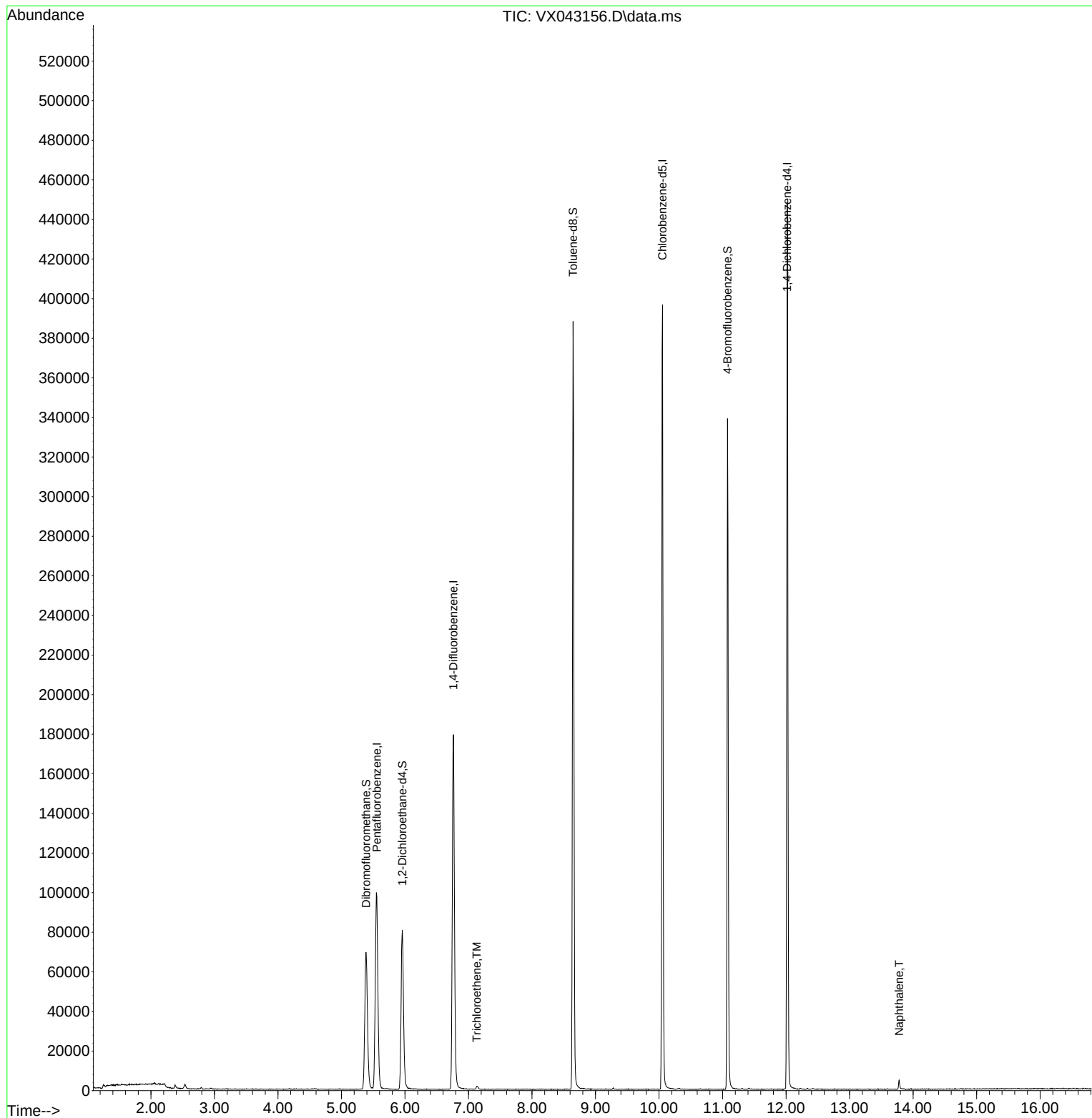
Internal Standards						
1) Pentafluorobenzene	5.556	168	89986	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	181505	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	172256	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	88412	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	81105	54.261	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 108.520%	
35) Dibromofluoromethane	5.385	113	61488	48.023	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 96.040%	
50) Toluene-d8	8.647	98	223583	51.614	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 103.220%	
62) 4-Bromofluorobenzene	11.079	95	90887	52.099	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 104.200%	
Target Compounds						
					Qvalue	
44) Trichloroethene	7.129	130	598	0.471	ug/l	91
95) Naphthalene	13.780	128	3574	0.580	ug/l #	95

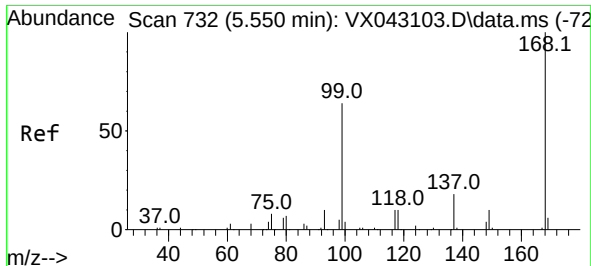
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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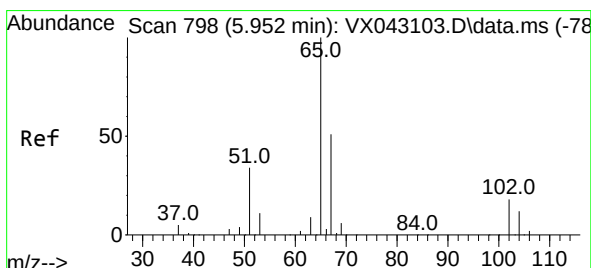
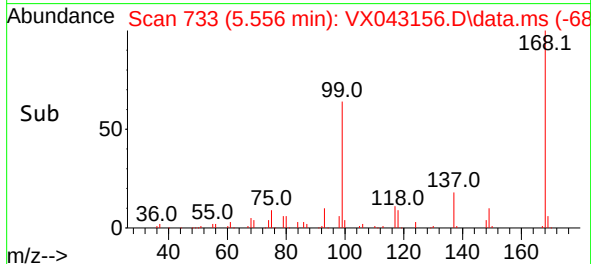
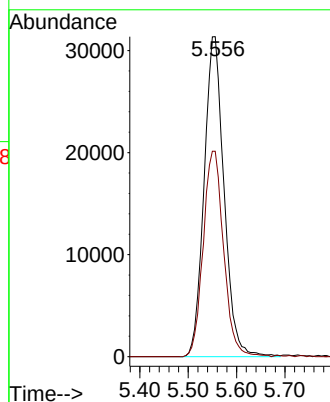
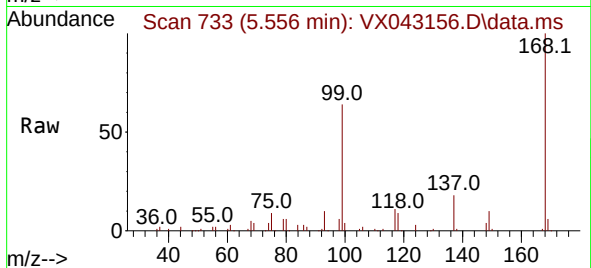




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.006 min
Lab File: VX043156.D
Acq: 25 Sep 2024 16:21

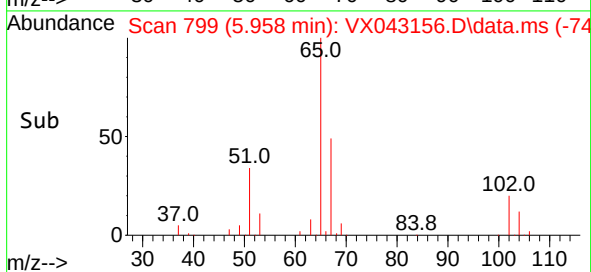
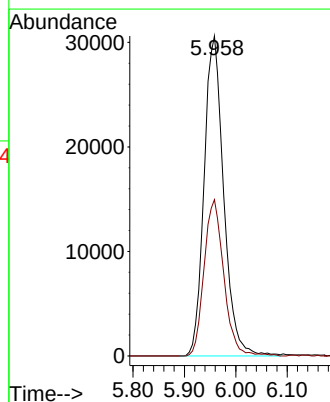
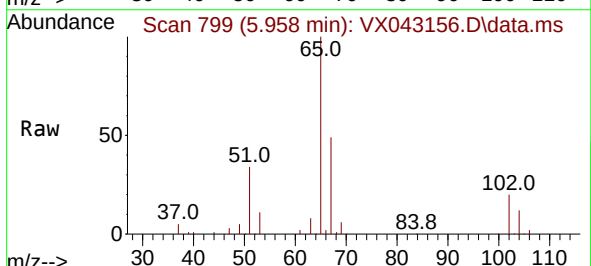
Instrument :
MSVOA_X
ClientSampleId :
BPOW1-7-20240923

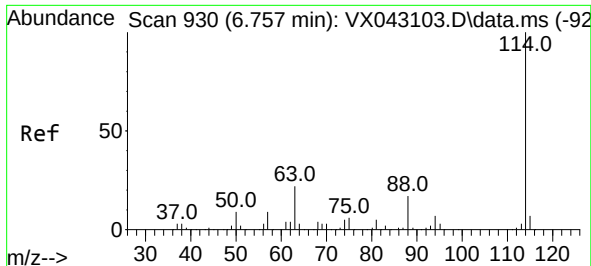
Tgt Ion:168 Resp: 89986
Ion Ratio Lower Upper
168 100
99 64.2 50.8 76.2



#33
1,2-Dichloroethane-d4
Concen: 54.261 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX043156.D
Acq: 25 Sep 2024 16:21

Tgt Ion: 65 Resp: 81105
Ion Ratio Lower Upper
65 100
67 49.2 0.0 99.0

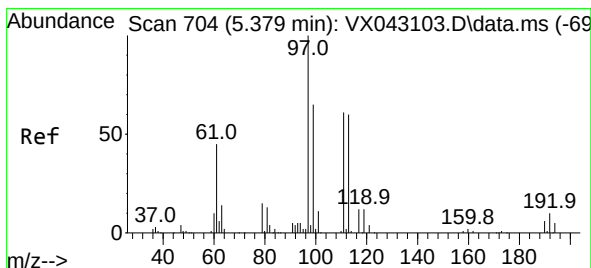
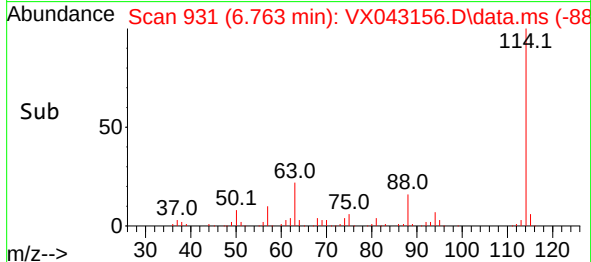
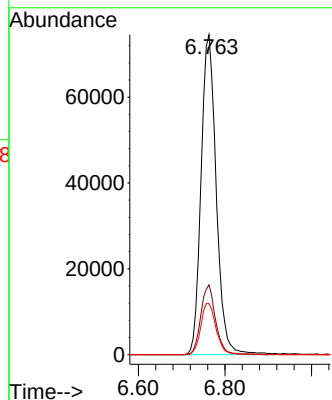
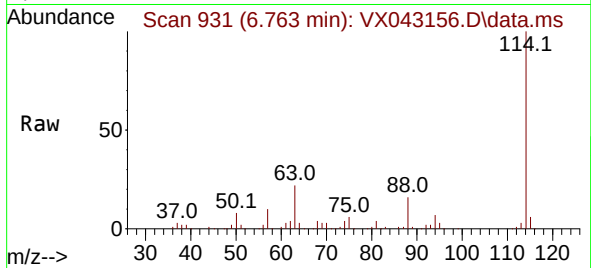




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX043156.D
Acq: 25 Sep 2024 16:21

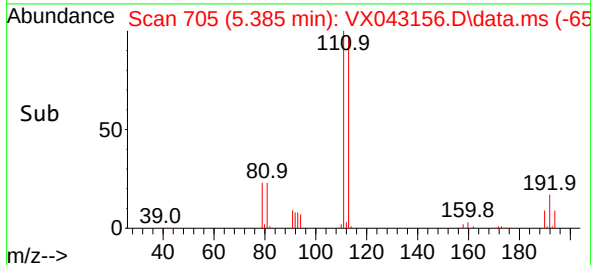
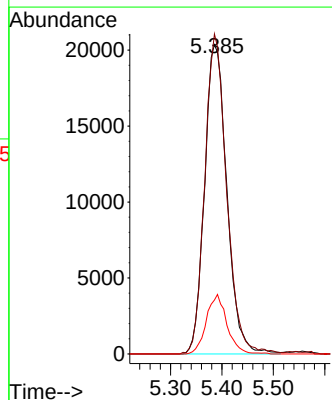
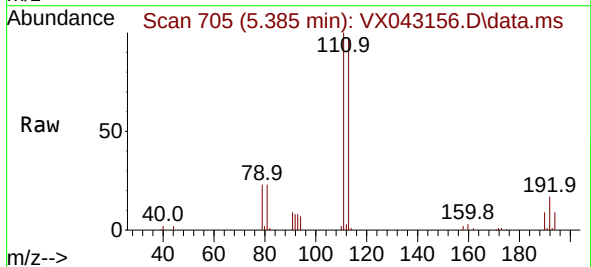
Instrument :
MSVOA_X
ClientSampleId :
BPOW1-7-20240923

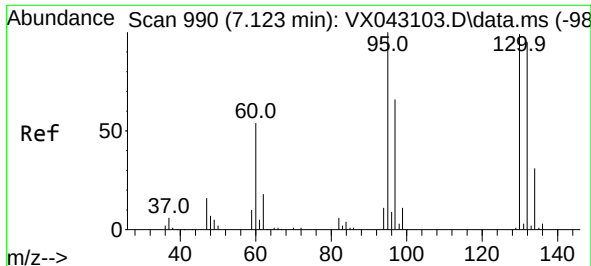
Tgt Ion:114 Resp: 181505
Ion Ratio Lower Upper
114 100
63 21.8 0.0 43.2
88 16.0 0.0 33.4



#35
Dibromofluoromethane
Concen: 48.023 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX043156.D
Acq: 25 Sep 2024 16:21

Tgt Ion:113 Resp: 61488
Ion Ratio Lower Upper
113 100
111 101.2 82.6 124.0
192 17.8 14.6 22.0

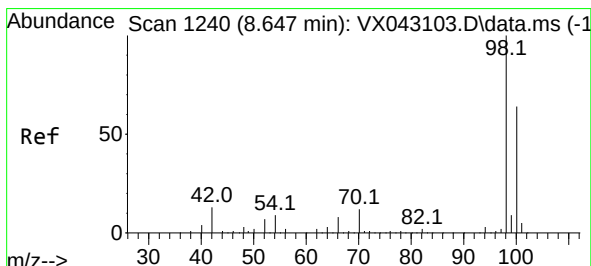
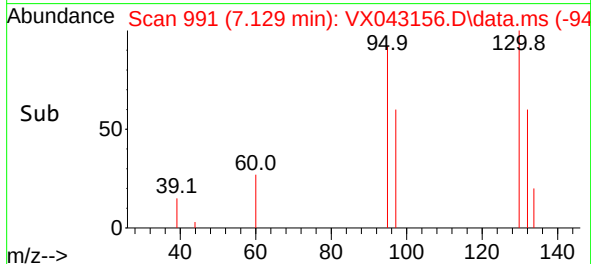
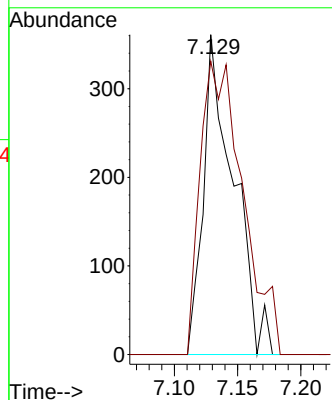
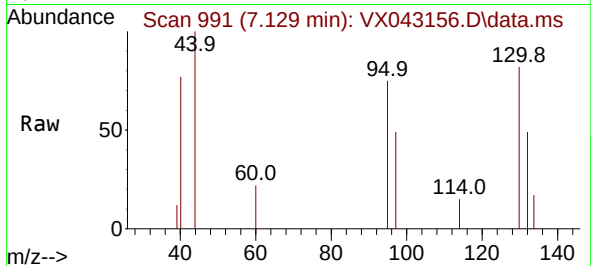




#44
Trichloroethene
Concen: 0.471 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX043156.D
Acq: 25 Sep 2024 16:21

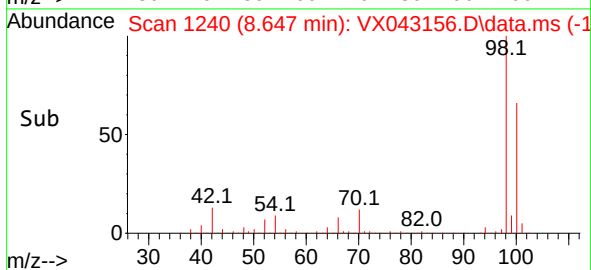
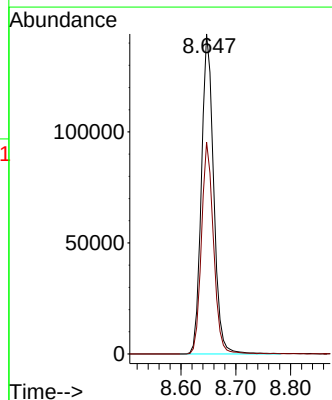
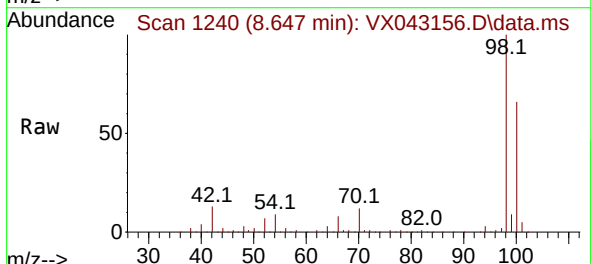
Instrument :
MSVOA_X
ClientSampleId :
BPOW1-7-20240923

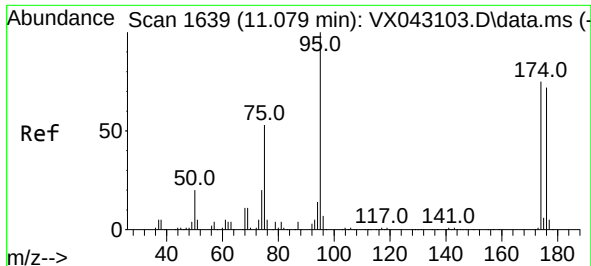
Tgt Ion:130 Resp: 598
Ion Ratio Lower Upper
130 100
95 91.7 0.0 201.6



#50
Toluene-d8
Concen: 51.614 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX043156.D
Acq: 25 Sep 2024 16:21

Tgt Ion: 98 Resp: 223583
Ion Ratio Lower Upper
98 100
100 65.3 52.2 78.4

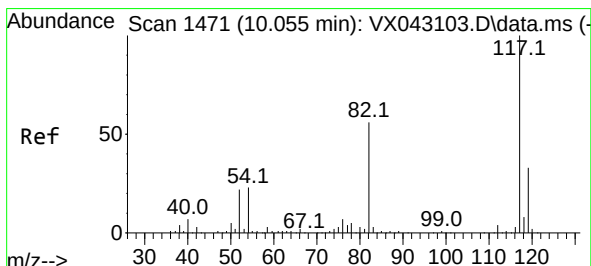
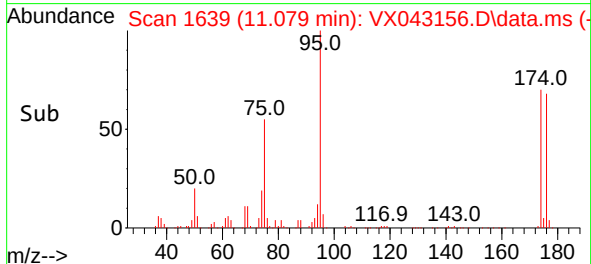
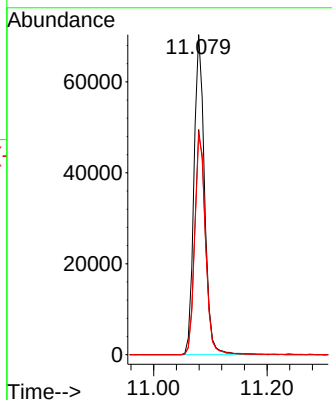
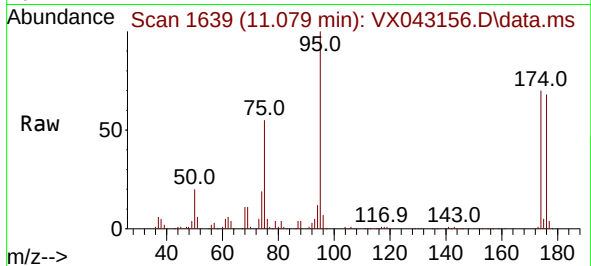




#62
4-Bromofluorobenzene
Concen: 52.099 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX043156.D
Acq: 25 Sep 2024 16:21

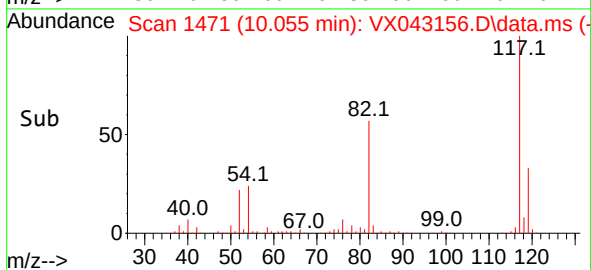
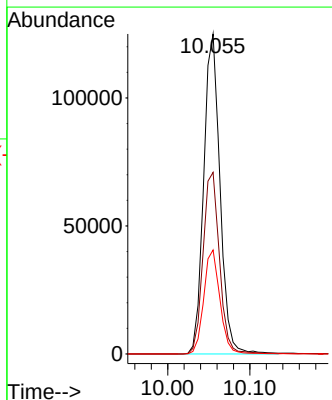
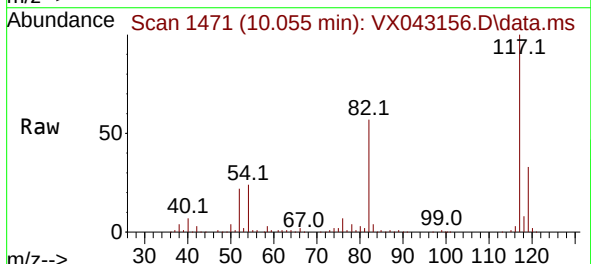
Instrument :
MSVOA_X
ClientSampleId :
BPOW1-7-20240923

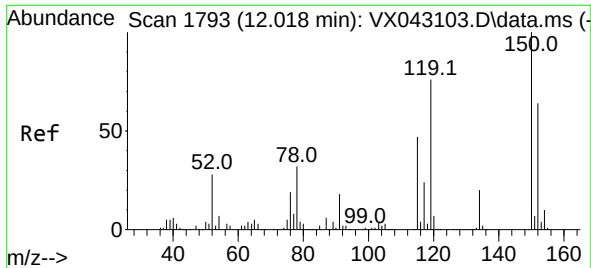
Tgt Ion: 95 Resp: 90887
Ion Ratio Lower Upper
95 100
174 71.6 0.0 146.0
176 69.9 0.0 142.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX043156.D
Acq: 25 Sep 2024 16:21

Tgt Ion: 117 Resp: 172256
Ion Ratio Lower Upper
117 100
82 56.8 44.7 67.1
119 32.5 26.3 39.5

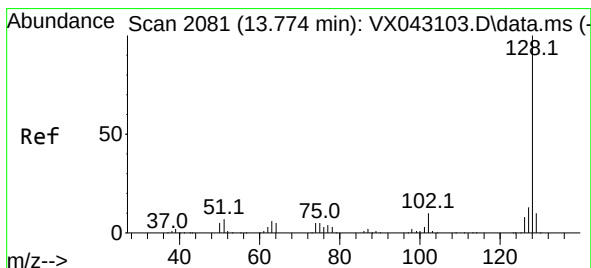
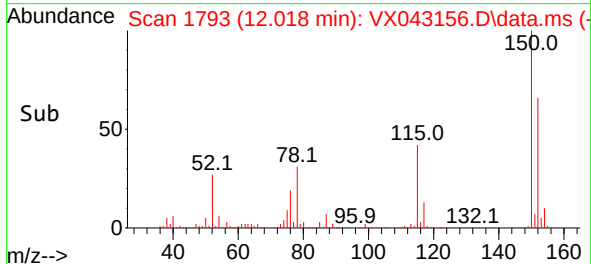
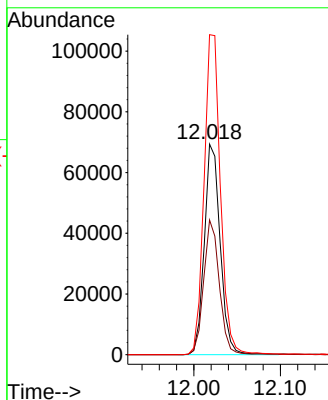
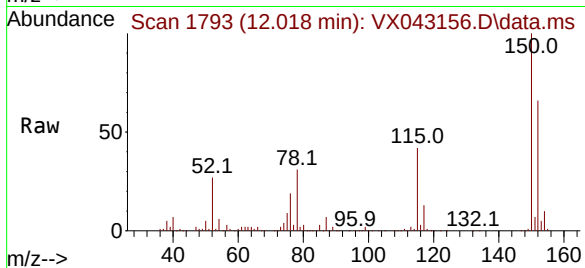




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX043156.D
Acq: 25 Sep 2024 16:21

Instrument :
MSVOA_X
ClientSampleId :
BPOW1-7-20240923

Tgt Ion:152 Resp: 88412
Ion Ratio Lower Upper
152 100
115 63.4 43.7 131.1
150 157.1 0.0 344.6



#95
Naphthalene
Concen: 0.580 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX043156.D
Acq: 25 Sep 2024 16:21

Tgt Ion:128 Resp: 3574
Ion Ratio Lower Upper
128 100
127 11.4 10.2 15.4
129 8.2 8.6 13.0#

