

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101824\
 Data File : VX043436.D
 Acq On : 18 Oct 2024 15:55
 Operator : JC/MD
 Sample : P4438-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-190-GW-58-60

Quant Time: Oct 18 23:21:56 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100124W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 02 16:50:57 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

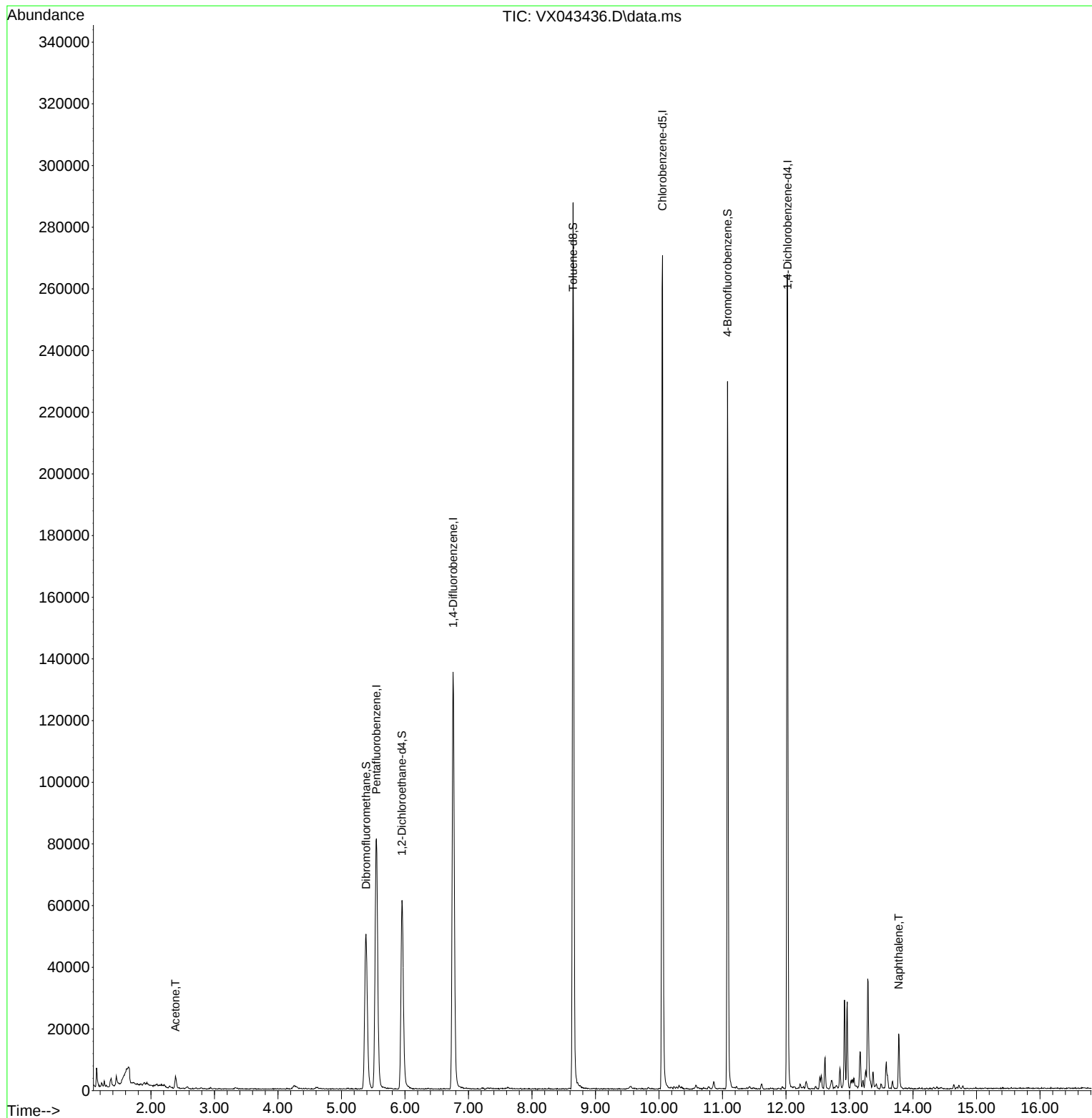
Internal Standards						
1) Pentafluorobenzene	5.550	168	73471	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	137611	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	122615	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	53965	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	63805	53.176	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 106.360%	
35) Dibromofluoromethane	5.385	113	45171	47.598	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 95.200%	
50) Toluene-d8	8.647	98	166970	50.769	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.540%	
62) 4-Bromofluorobenzene	11.079	95	61531	51.499	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 103.000%	
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	4415	8.811	ug/l	99
95) Naphthalene	13.774	128	11720	3.006	ug/l	98

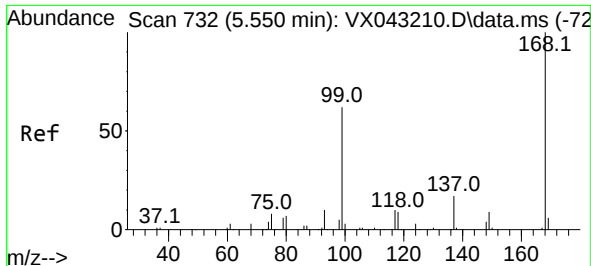
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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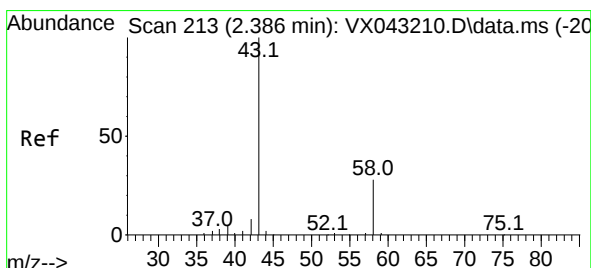
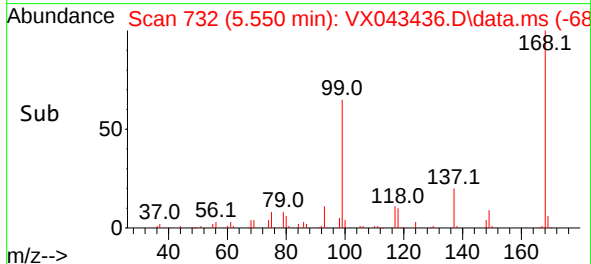
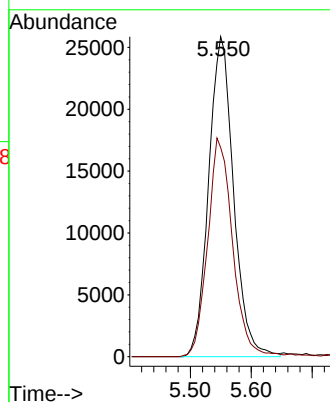
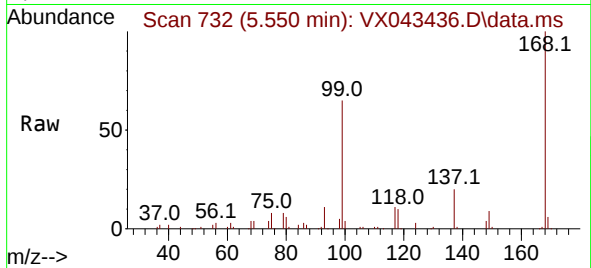




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX043436.D
Acq: 18 Oct 2024 15:55

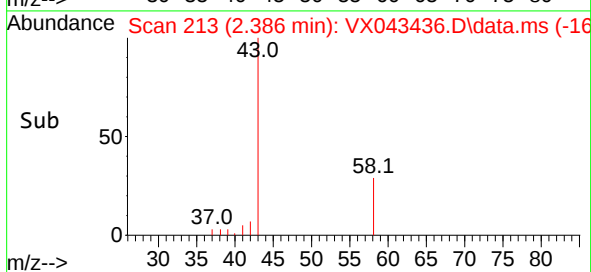
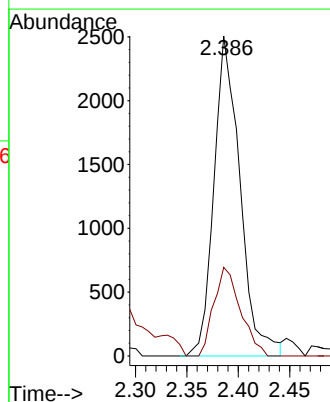
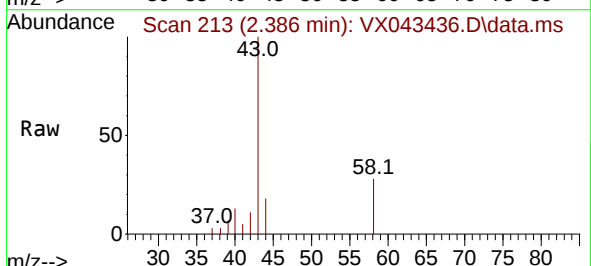
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190-GW-58-60

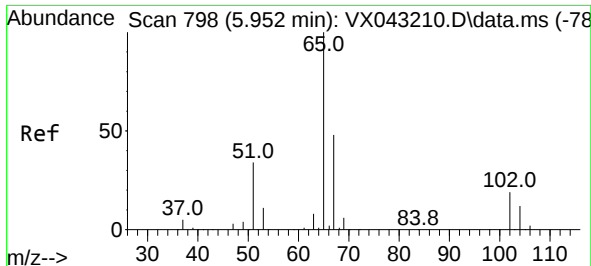
Tgt Ion:168 Resp: 73471
Ion Ratio Lower Upper
168 100
99 65.4 49.7 74.5



#16
Acetone
Concen: 8.811 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX043436.D
Acq: 18 Oct 2024 15:55

Tgt Ion: 43 Resp: 4415
Ion Ratio Lower Upper
43 100
58 27.7 22.6 33.8

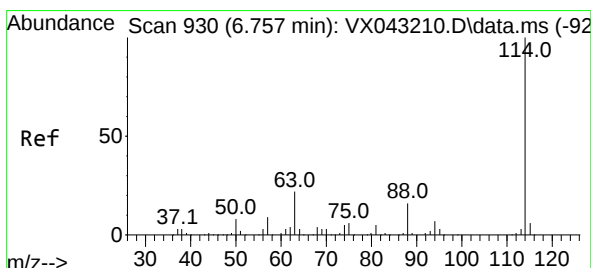
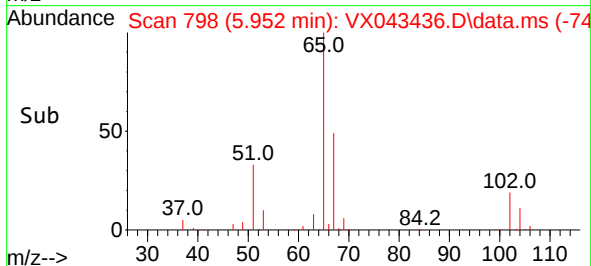
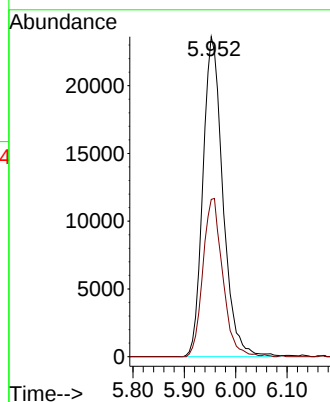
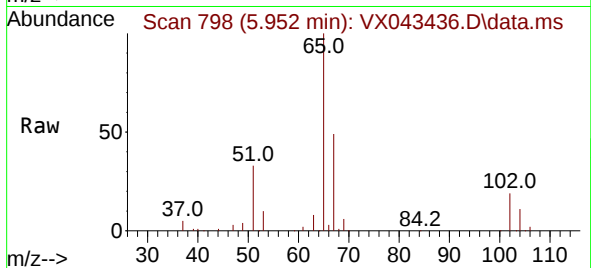




#33
 1,2-Dichloroethane-d4
 Concen: 53.176 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. 0.000 min
 Lab File: VX043436.D
 Acq: 18 Oct 2024 15:55

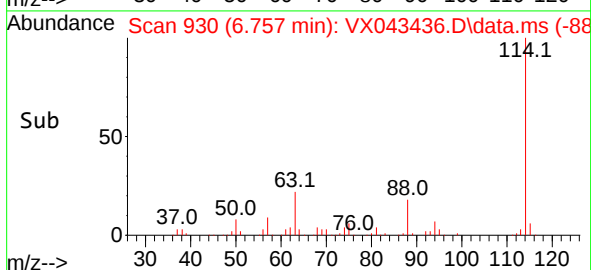
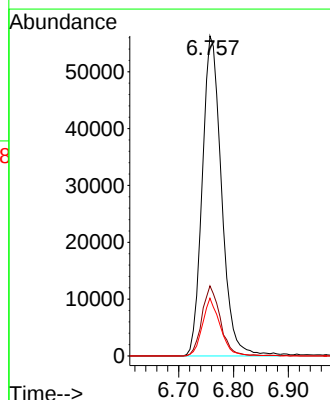
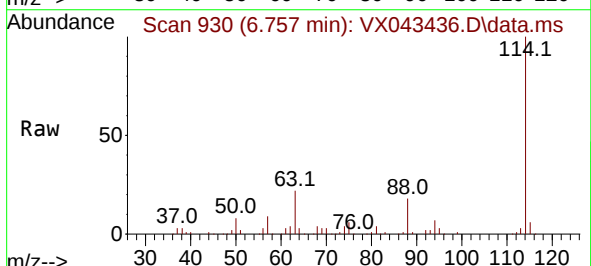
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-190-GW-58-60

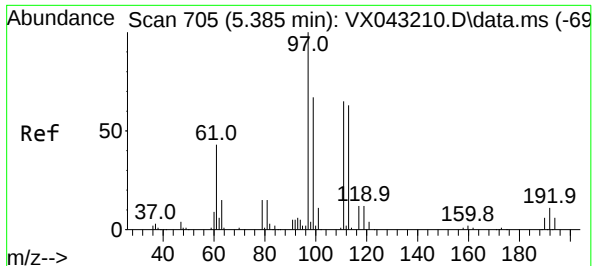
Tgt Ion: 65 Resp: 63805
 Ion Ratio Lower Upper
 65 100
 67 48.9 0.0 99.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. 0.000 min
 Lab File: VX043436.D
 Acq: 18 Oct 2024 15:55

Tgt Ion: 114 Resp: 137611
 Ion Ratio Lower Upper
 114 100
 63 21.9 0.0 43.0
 88 18.0 0.0 33.0

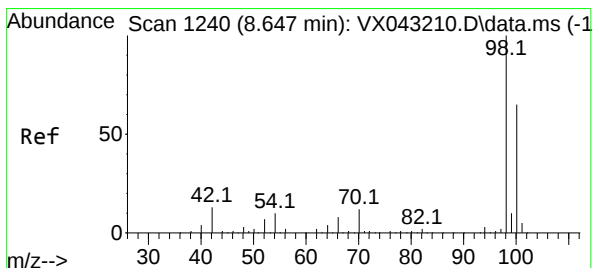
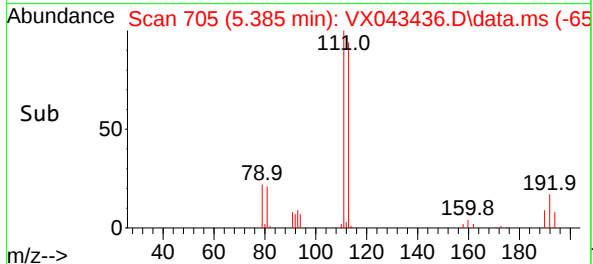
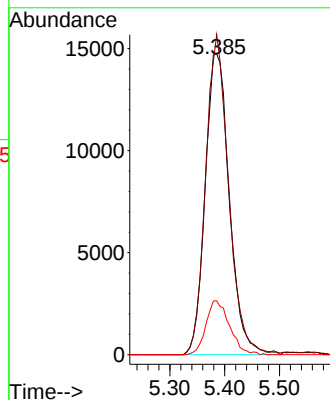
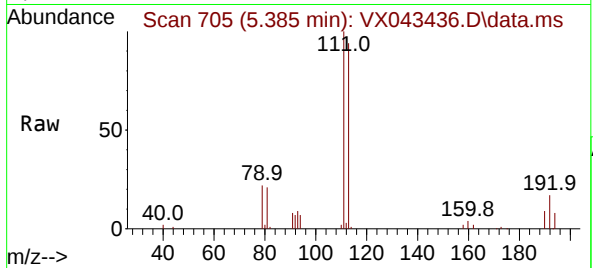




#35
Dibromofluoromethane
Concen: 47.598 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX043436.D
Acq: 18 Oct 2024 15:55

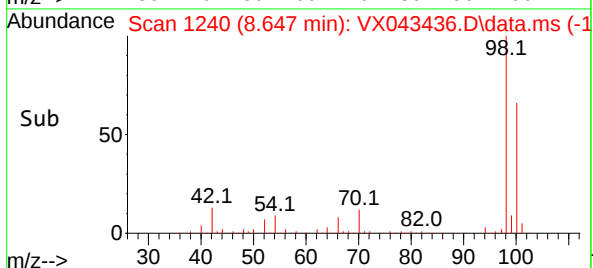
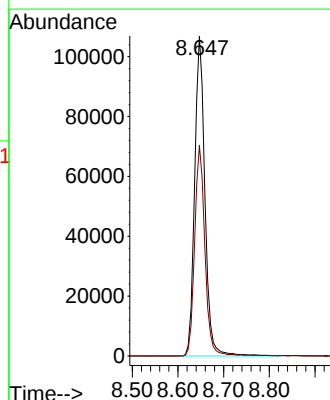
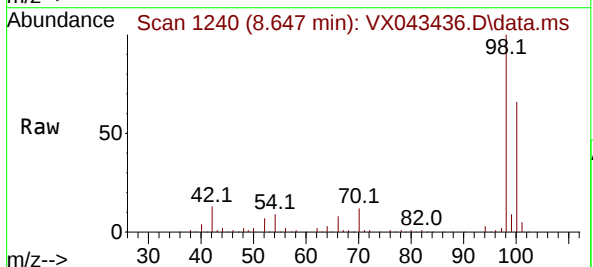
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190-GW-58-60

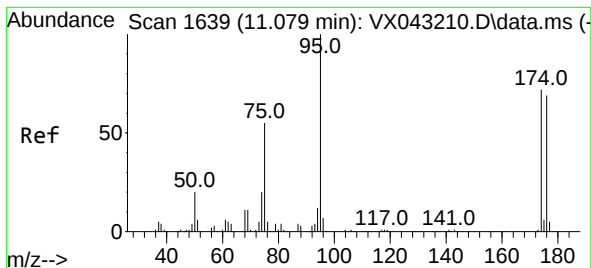
Tgt Ion:113 Resp: 45171
Ion Ratio Lower Upper
113 100
111 101.0 83.4 125.0
192 17.5 14.1 21.1



#50
Toluene-d8
Concen: 50.769 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX043436.D
Acq: 18 Oct 2024 15:55

Tgt Ion: 98 Resp: 166970
Ion Ratio Lower Upper
98 100
100 65.9 52.4 78.6

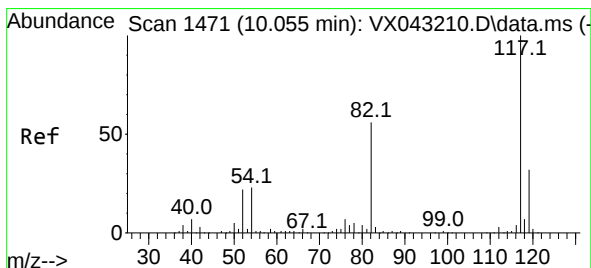
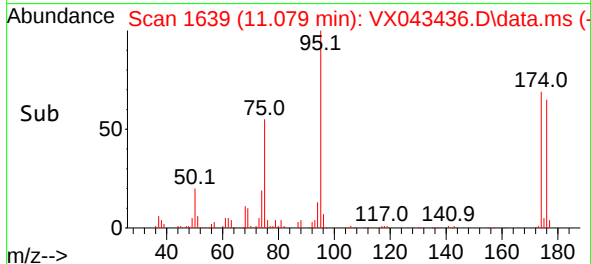
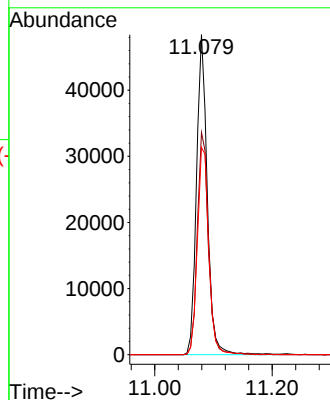
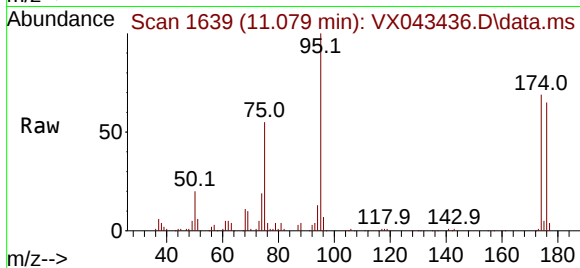




#62
4-Bromofluorobenzene
Concen: 51.499 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX043436.D
Acq: 18 Oct 2024 15:55

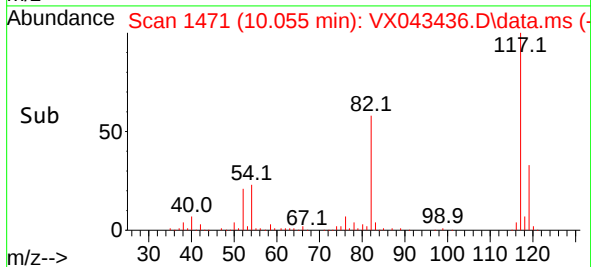
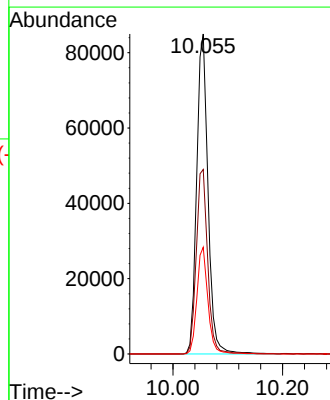
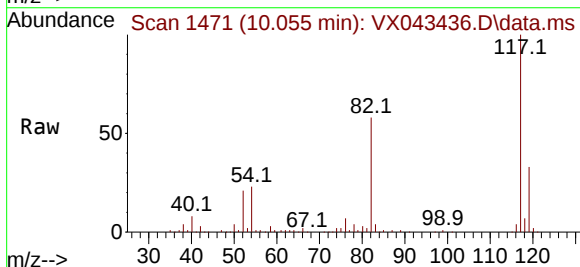
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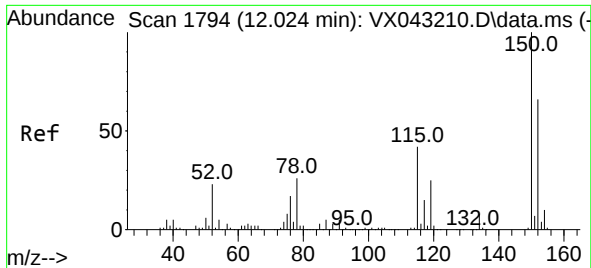
Tgt Ion: 95 Resp: 61531
Ion Ratio Lower Upper
95 100
174 71.6 0.0 145.0
176 68.8 0.0 143.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX043436.D
Acq: 18 Oct 2024 15:55

Tgt Ion: 117 Resp: 122615
Ion Ratio Lower Upper
117 100
82 57.7 45.0 67.6
119 33.4 25.3 37.9

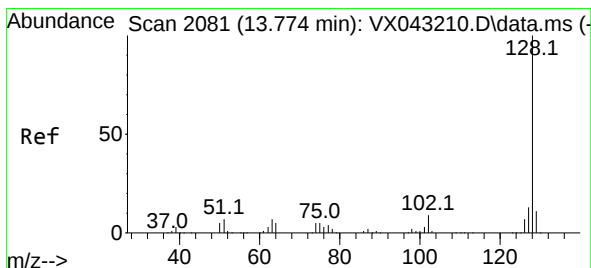
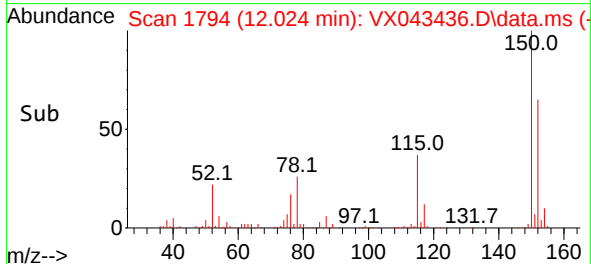
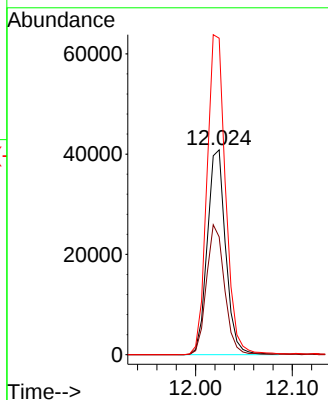
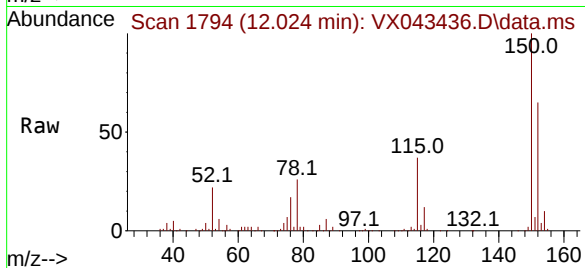




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX043436.D
Acq: 18 Oct 2024 15:55

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190-GW-58-60

Tgt Ion:152 Resp: 53965
Ion Ratio Lower Upper
152 100
115 62.3 44.1 132.3
150 158.4 0.0 347.4



#95
Naphthalene
Concen: 3.006 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX043436.D
Acq: 18 Oct 2024 15:55

Tgt Ion:128 Resp: 11720
Ion Ratio Lower Upper
128 100
127 12.2 10.2 15.2
129 10.1 8.6 13.0

