

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082423\
 Data File : VX037215.D
 Acq On : 24 Aug 2023 14:41
 Operator : JC/MD
 Sample : 04072-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 50112

Quant Time: Aug 24 16:12:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 18 09:30:38 2023
 Response via : Initial Calibration

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

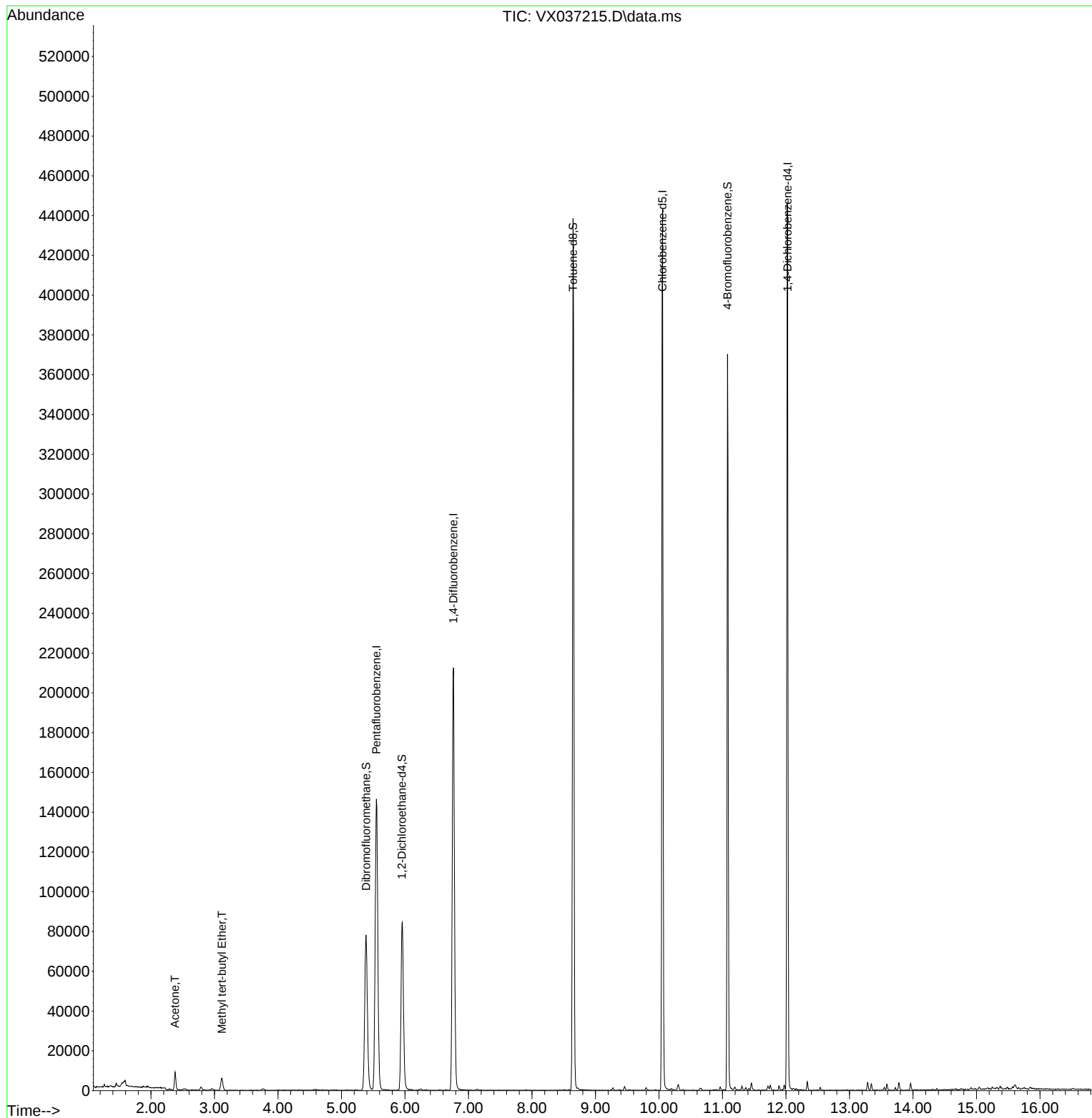
Internal Standards						
1) Pentafluorobenzene	5.550	168	136314	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	223182	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	202828	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	94238	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	86023	43.773	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	87.540%
35) Dibromofluoromethane	5.385	113	69404	46.955	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.920%
50) Toluene-d8	8.647	98	260206	48.532	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.060%
62) 4-Bromofluorobenzene	11.079	95	102305	48.554	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.100%
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	9523	12.387	ug/l #	87
19) Methyl tert-butyl Ether	3.117	73	7111	1.336	ug/l	97

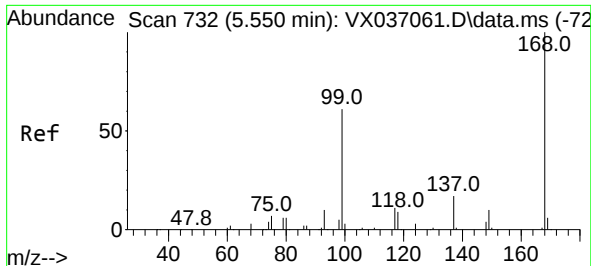
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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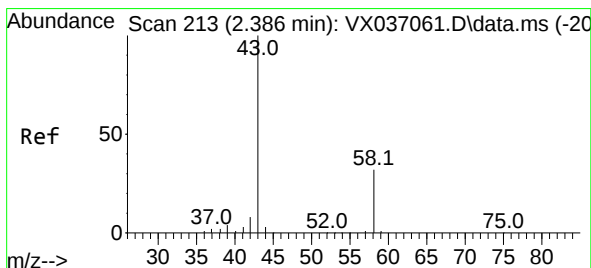
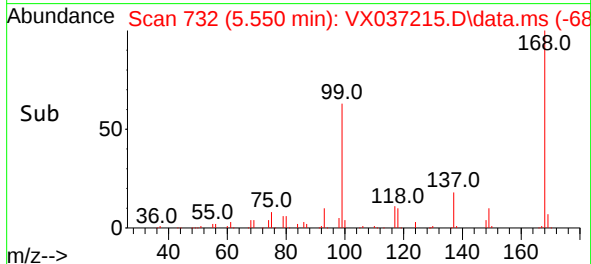
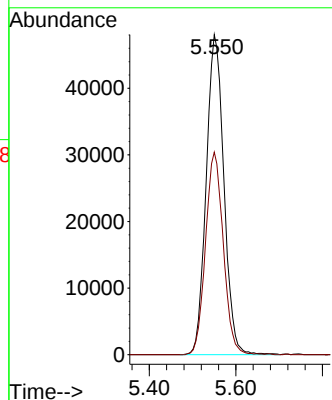
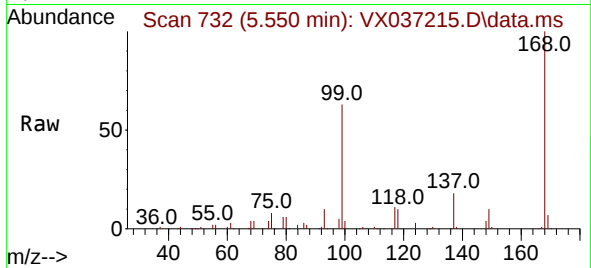




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX037215.D
Acq: 24 Aug 2023 14:41

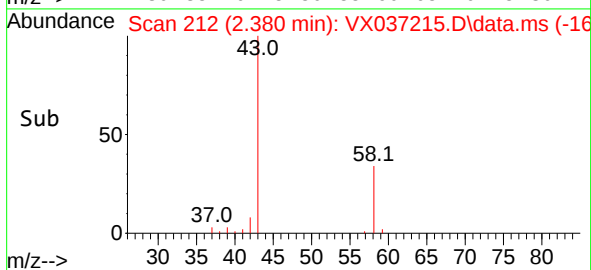
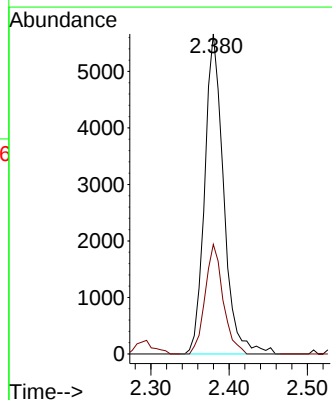
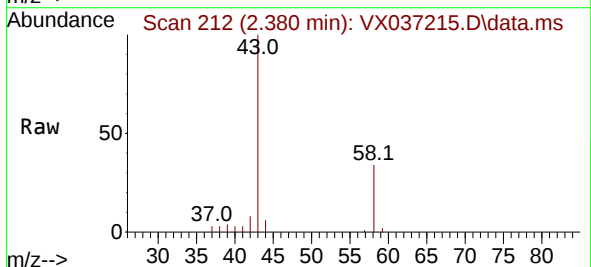
Instrument :
MSVOA_X
ClientSampleId :
50112

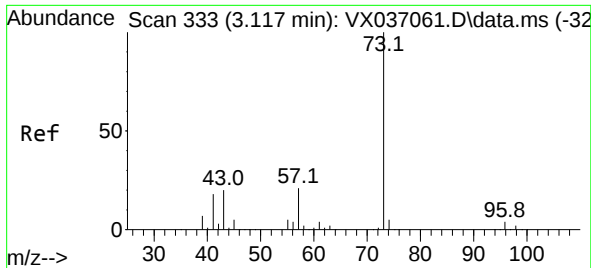
Tgt Ion:168 Resp: 136314
Ion Ratio Lower Upper
168 100
99 63.3 56.6 85.0



#16
Acetone
Concen: 12.387 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX037215.D
Acq: 24 Aug 2023 14:41

Tgt Ion: 43 Resp: 9523
Ion Ratio Lower Upper
43 100
58 34.3 21.9 32.9#

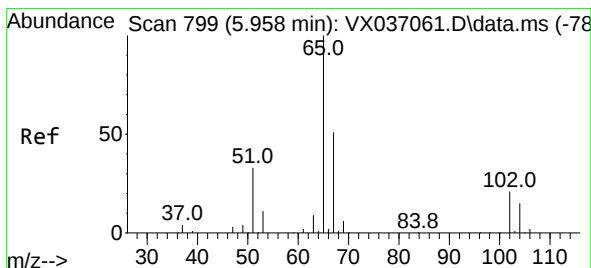
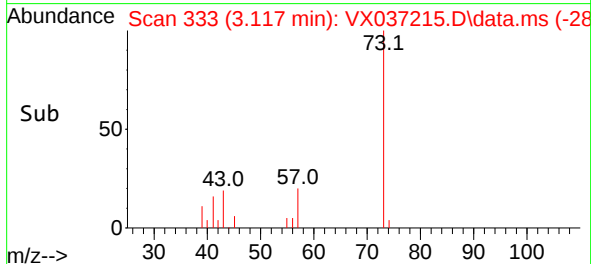
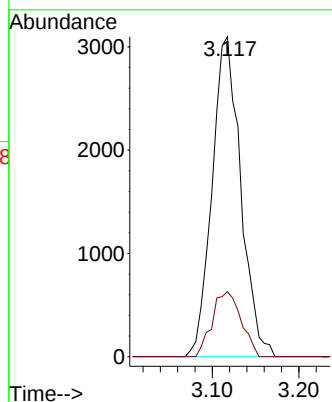
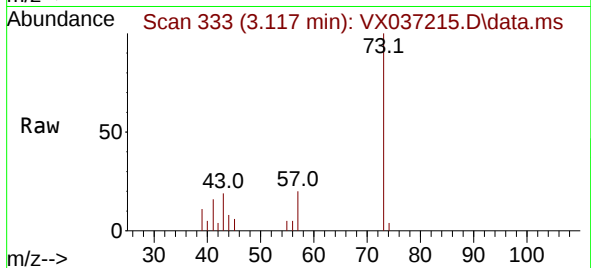




#19
Methyl tert-butyl Ether
Concen: 1.336 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX037215.D
Acq: 24 Aug 2023 14:41

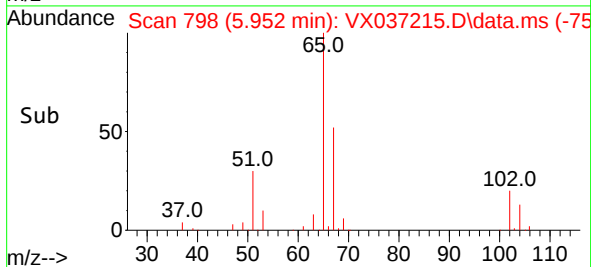
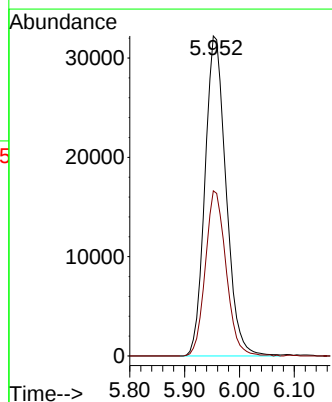
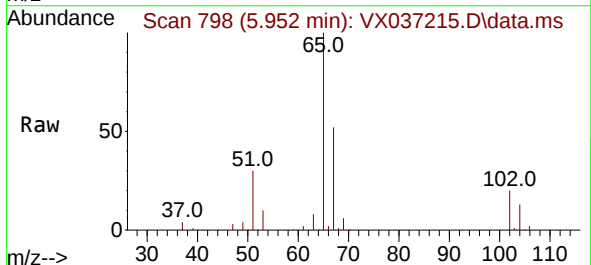
Instrument :
MSVOA_X
ClientSampleId :
50112

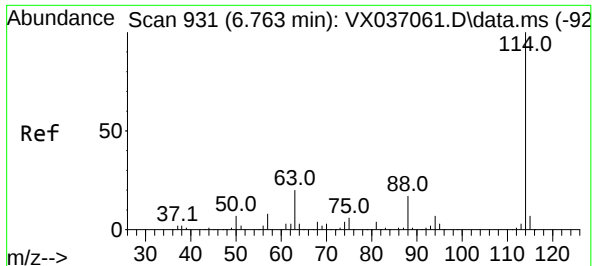
Tgt Ion: 73 Resp: 7111
Ion Ratio Lower Upper
73 100
57 20.3 17.3 25.9



#33
1,2-Dichloroethane-d4
Concen: 43.773 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX037215.D
Acq: 24 Aug 2023 14:41

Tgt Ion: 65 Resp: 86023
Ion Ratio Lower Upper
65 100
67 50.7 0.0 100.2

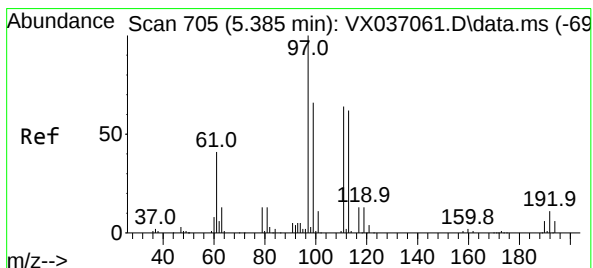
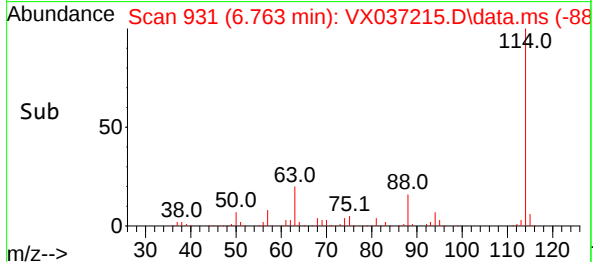
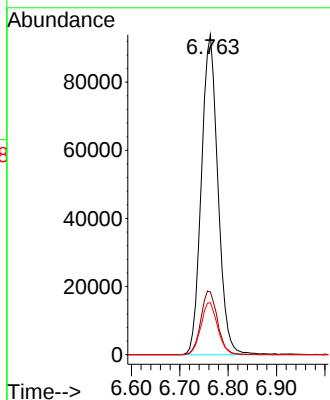
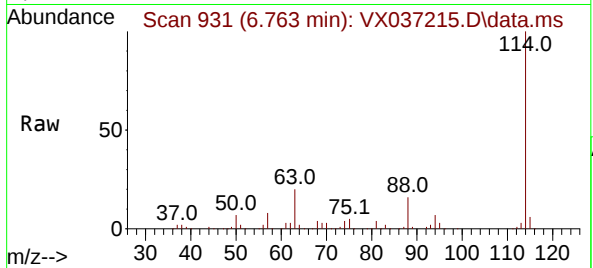




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX037215.D
Acq: 24 Aug 2023 14:41

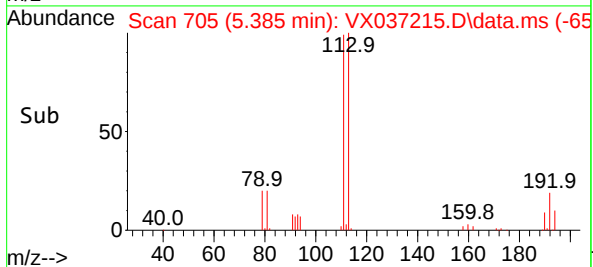
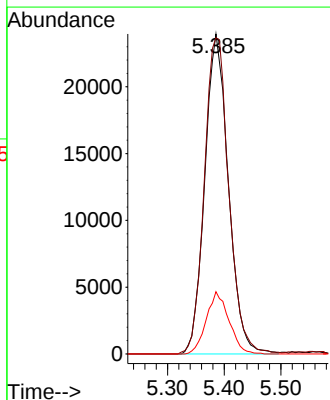
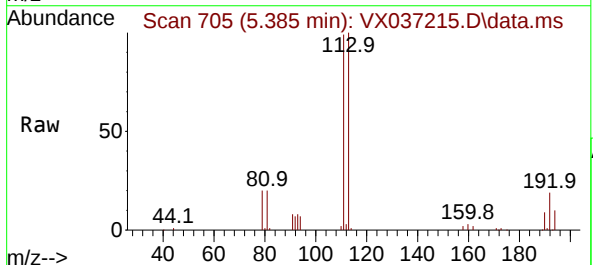
Instrument :
MSVOA_X
ClientSampleId :
50112

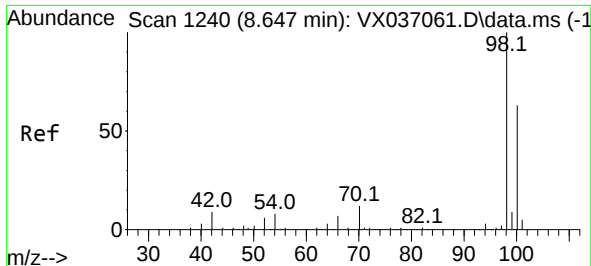
Tgt Ion:114 Resp: 223182
Ion Ratio Lower Upper
114 100
63 19.6 0.0 45.0
88 16.3 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.955 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX037215.D
Acq: 24 Aug 2023 14:41

Tgt Ion:113 Resp: 69404
Ion Ratio Lower Upper
113 100
111 102.5 82.9 124.3
192 18.6 13.3 19.9

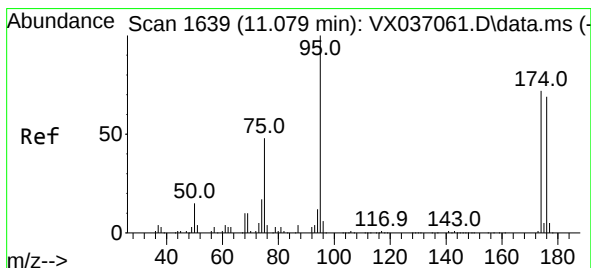
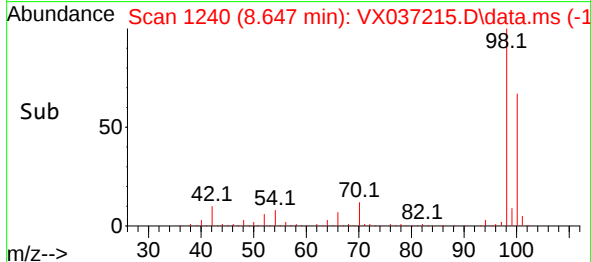
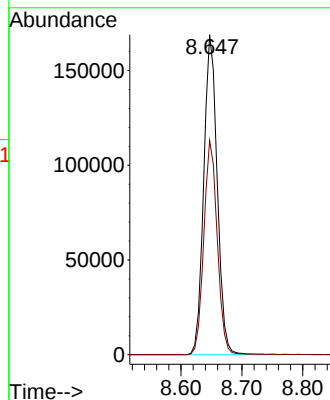
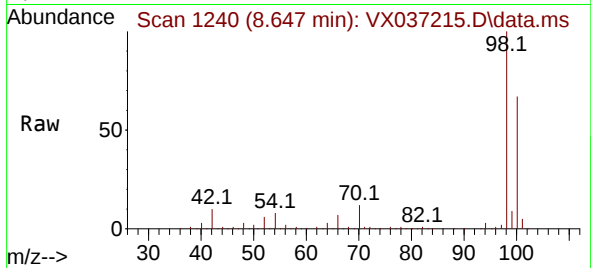




#50
Toluene-d8
Concen: 48.532 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX037215.D
Acq: 24 Aug 2023 14:41

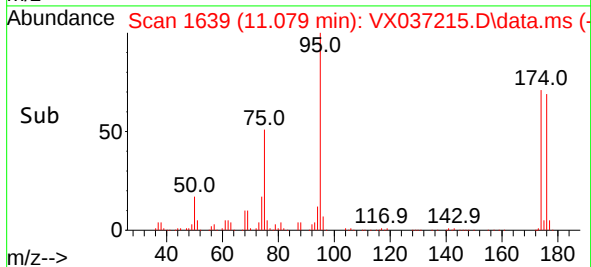
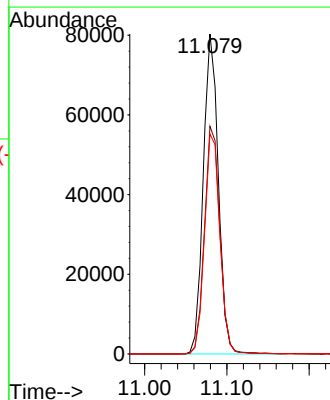
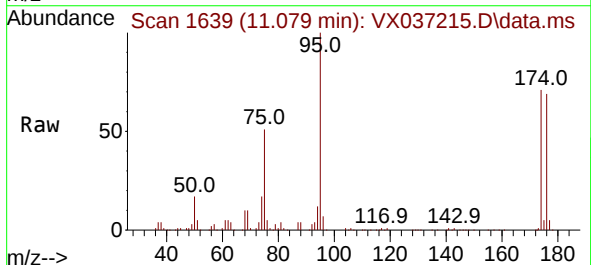
Instrument :
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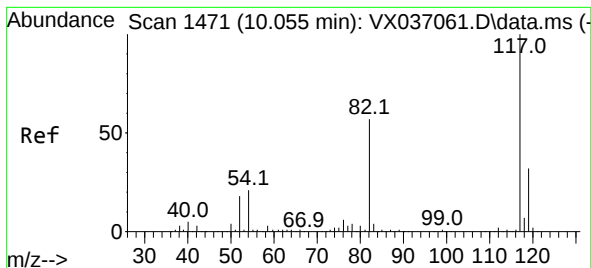
Tgt Ion: 98 Resp: 260206
Ion Ratio Lower Upper
98 100
100 66.8 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 48.554 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037215.D
Acq: 24 Aug 2023 14:41

Tgt Ion: 95 Resp: 102305
Ion Ratio Lower Upper
95 100
174 72.6 0.0 135.6
176 70.2 0.0 131.0

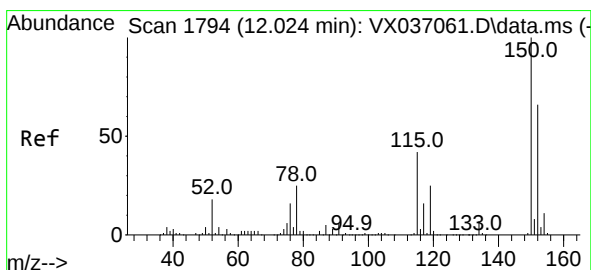
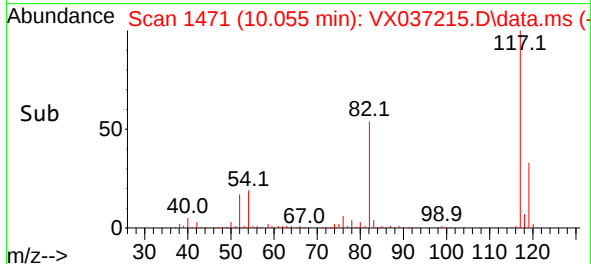
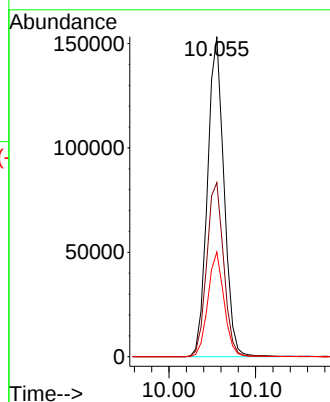
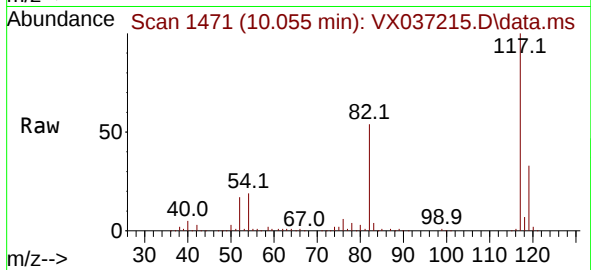




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037215.D
Acq: 24 Aug 2023 14:41

Instrument :
MSVOA_X
ClientSampleId :
50112

Tgt Ion:117 Resp: 202828
Ion Ratio Lower Upper
117 100
82 54.4 46.2 69.4
119 32.7 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX037215.D
Acq: 24 Aug 2023 14:41

Tgt Ion:152 Resp: 94238
Ion Ratio Lower Upper
152 100
115 64.1 43.3 129.9
150 156.6 0.0 345.0

