

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081623\
 Data File : VX037017.D
 Acq On : 16 Aug 2023 14:59
 Operator : JC/MD
 Sample : 04024-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE122D3-20230815

Quant Time: Aug 17 04:15:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 21 12:14:12 2023
 Response via : Initial Calibration

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

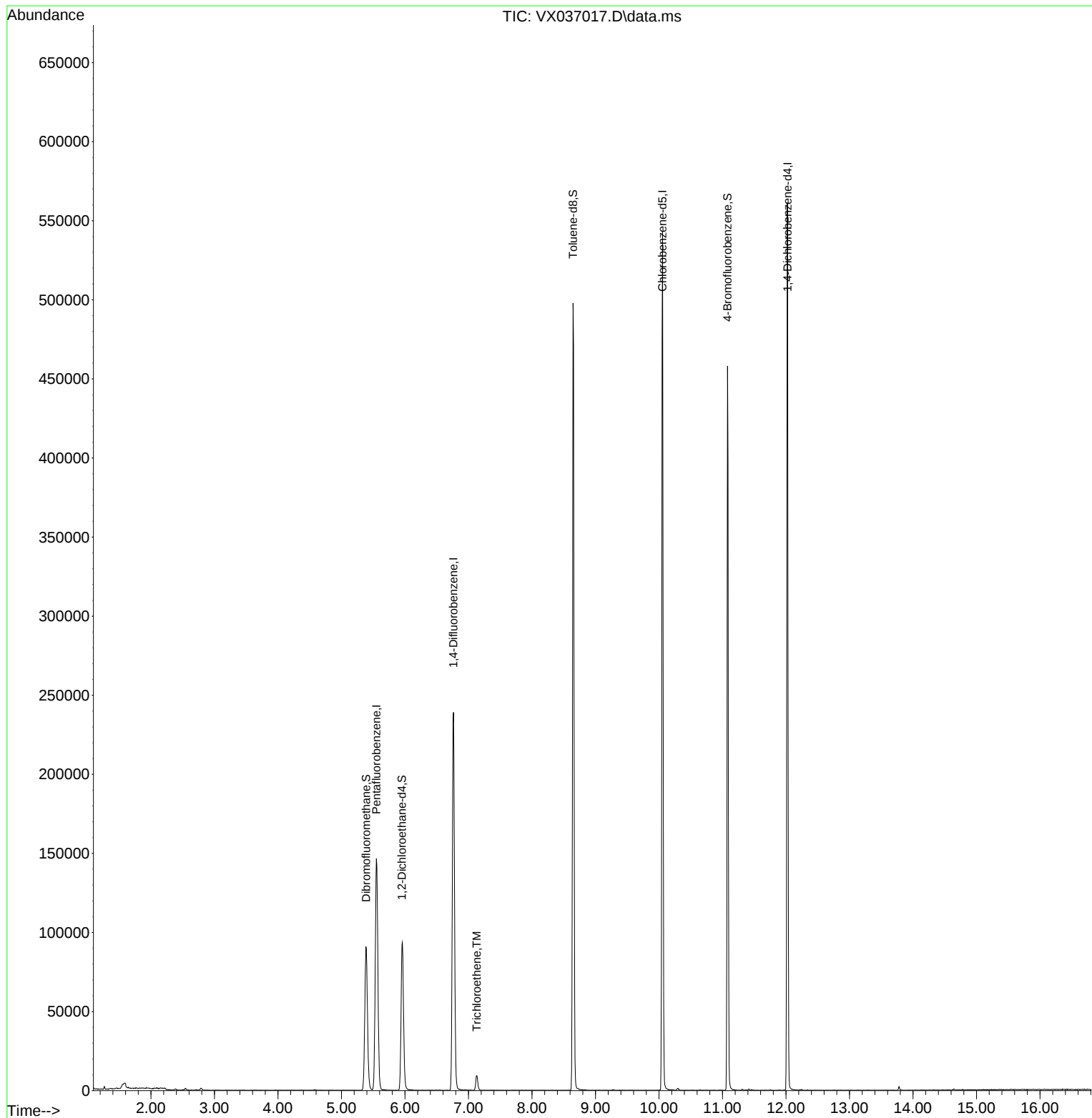
Internal Standards						
1) Pentafluorobenzene	5.550	168	135783	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	248709	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	244820	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	117418	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	96675	48.118	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.240%		
35) Dibromofluoromethane	5.385	113	79306	46.392	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.780%		
50) Toluene-d8	8.647	98	300333	49.542	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.080%		
62) 4-Bromofluorobenzene	11.079	95	126333	55.235	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	110.480%		
Target Compounds						
44) Trichloroethene	7.129	130	3961	2.044	ug/l	Qvalue 90

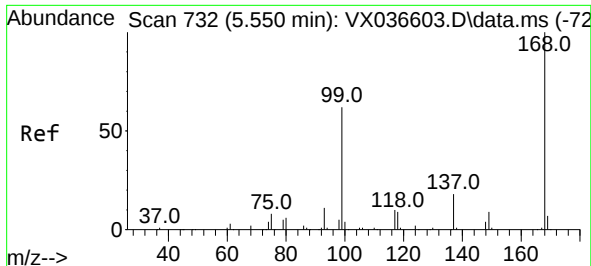
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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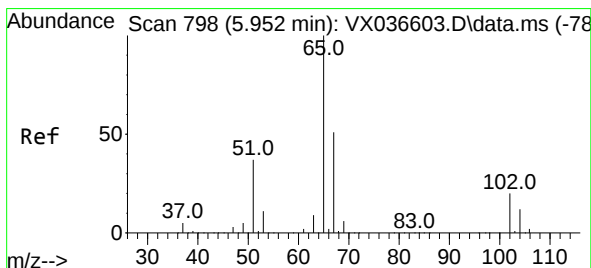
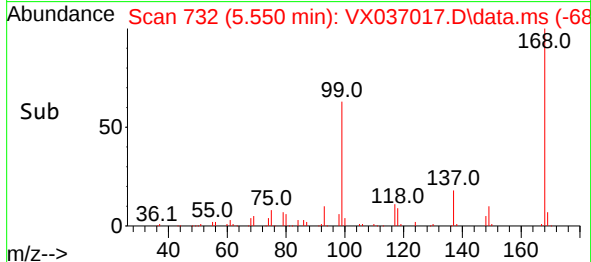
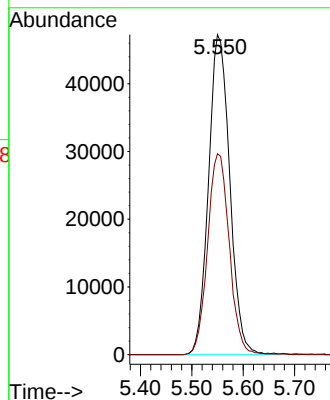
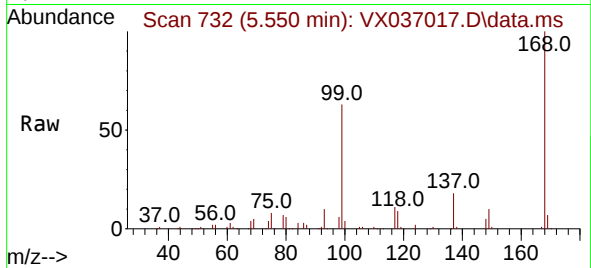




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX037017.D
Acq: 16 Aug 2023 14:59

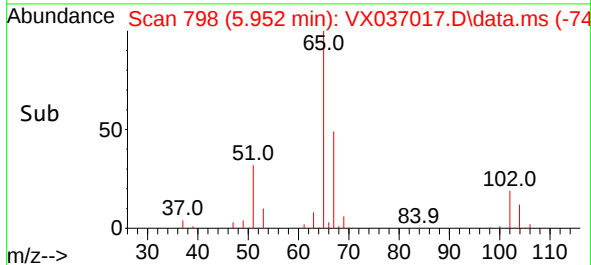
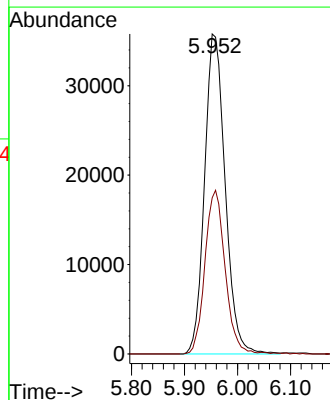
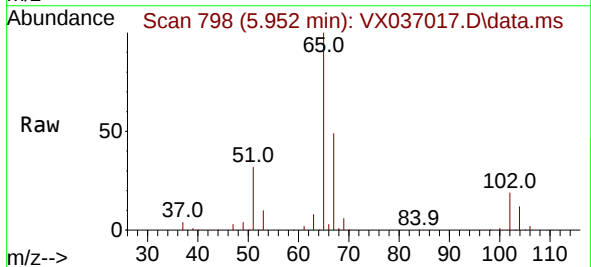
Instrument :
MSVOA_X
ClientSampleId :
RE122D3-20230815

Tgt Ion:168 Resp: 135783
Ion Ratio Lower Upper
168 100
99 62.8 56.6 85.0



#33
1,2-Dichloroethane-d4
Concen: 48.118 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX037017.D
Acq: 16 Aug 2023 14:59

Tgt Ion: 65 Resp: 96675
Ion Ratio Lower Upper
65 100
67 49.8 0.0 100.2

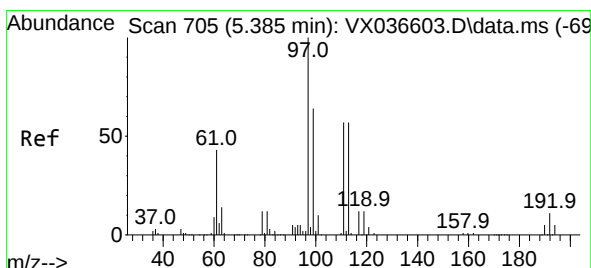
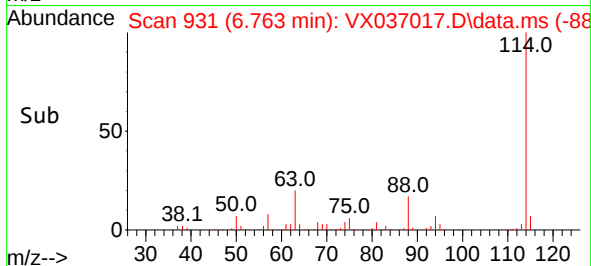
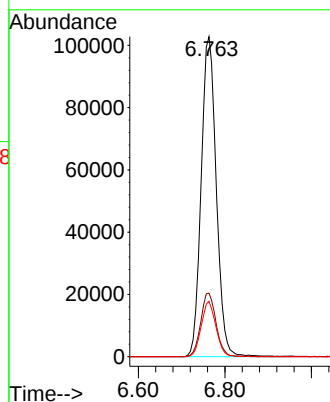
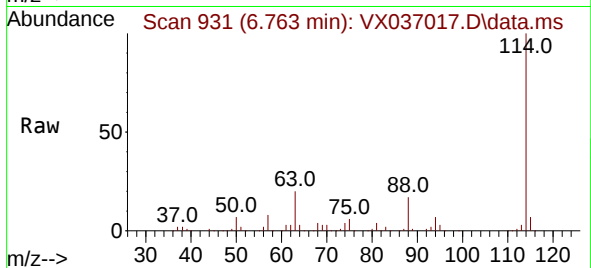




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX037017.D
Acq: 16 Aug 2023 14:59

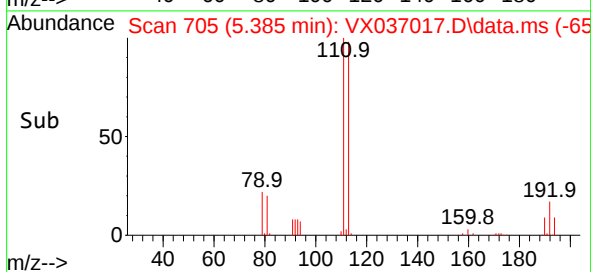
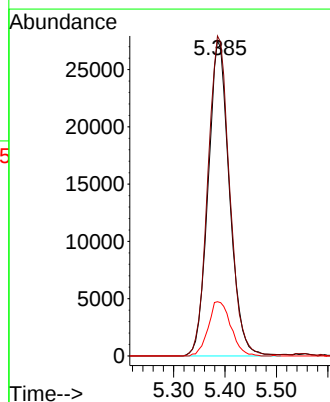
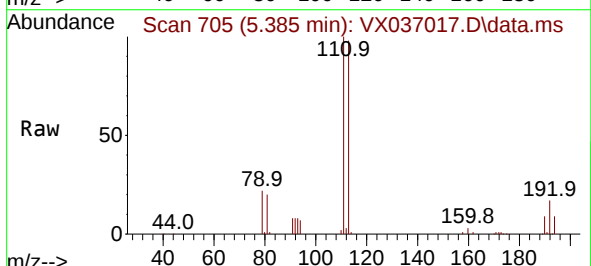
Instrument :
MSVOA_X
ClientSampleId :
RE122D3-20230815

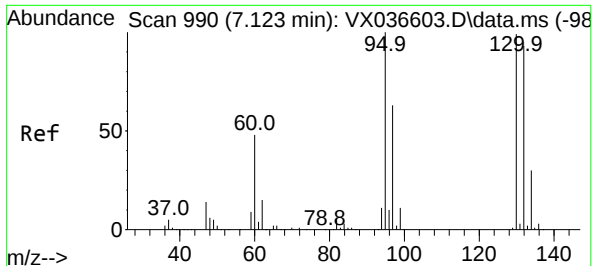
Tgt Ion:114 Resp: 248709
Ion Ratio Lower Upper
114 100
63 19.9 0.0 45.0
88 17.3 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.392 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX037017.D
Acq: 16 Aug 2023 14:59

Tgt Ion:113 Resp: 79306
Ion Ratio Lower Upper
113 100
111 103.9 82.9 124.3
192 18.3 13.3 19.9

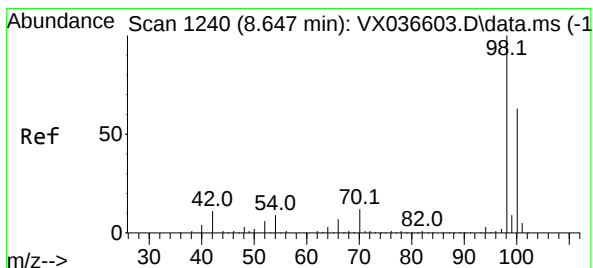
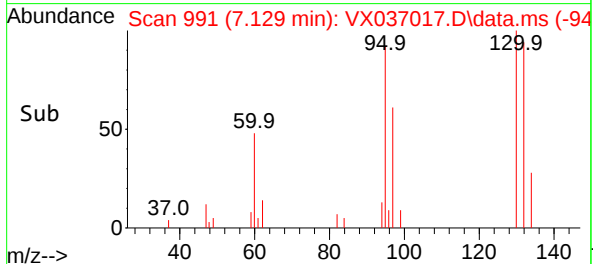
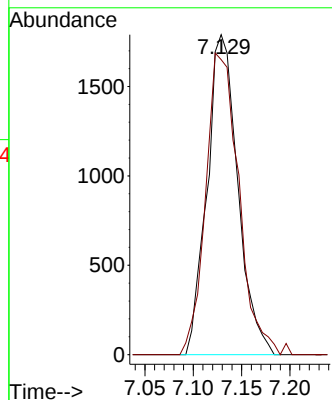
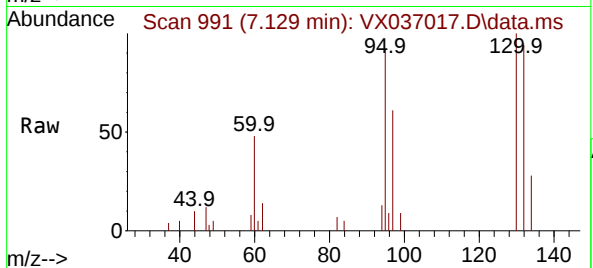




#44
Trichloroethene
Concen: 2.044 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX037017.D
Acq: 16 Aug 2023 14:59

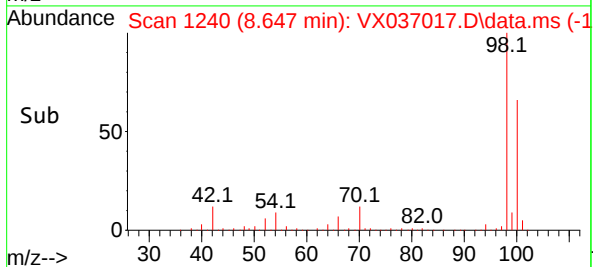
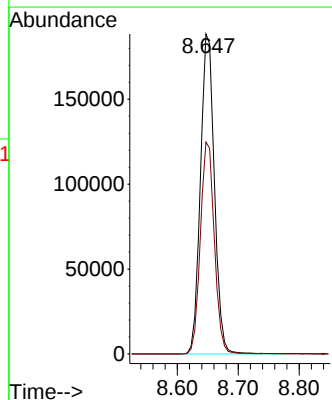
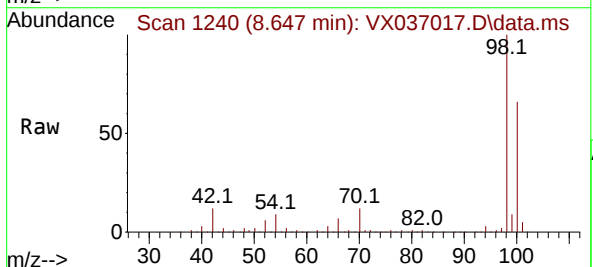
Instrument :
MSVOA_X
ClientSampleId :
RE122D3-20230815

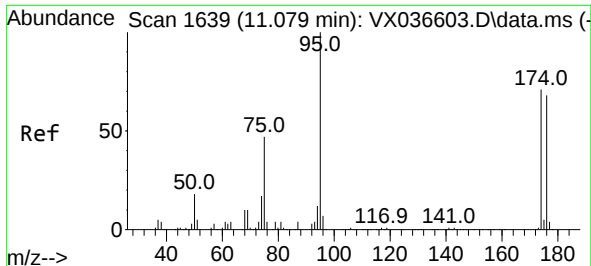
Tgt Ion:130 Resp: 3961
Ion Ratio Lower Upper
130 100
95 92.2 0.0 204.4



#50
Toluene-d8
Concen: 49.542 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX037017.D
Acq: 16 Aug 2023 14:59

Tgt Ion: 98 Resp: 300333
Ion Ratio Lower Upper
98 100
100 66.4 53.1 79.7

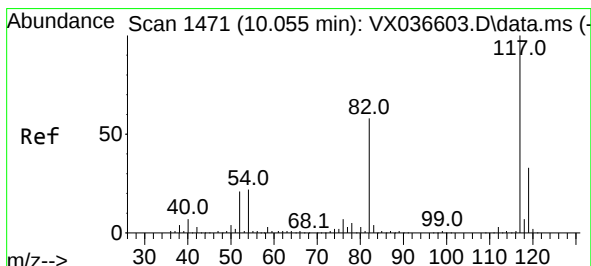
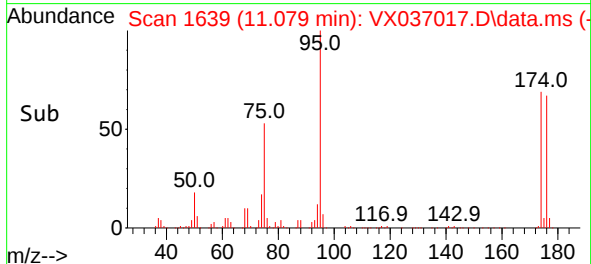
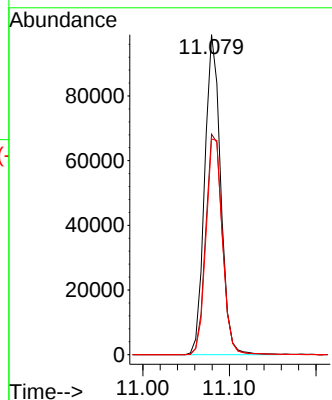
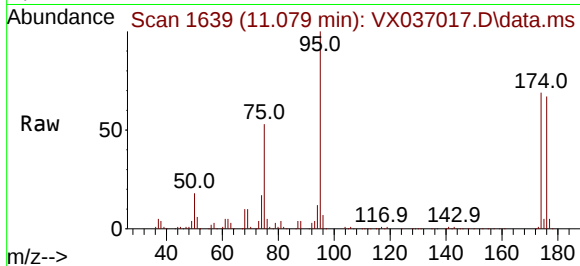




#62
4-Bromofluorobenzene
Concen: 55.235 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037017.D
Acq: 16 Aug 2023 14:59

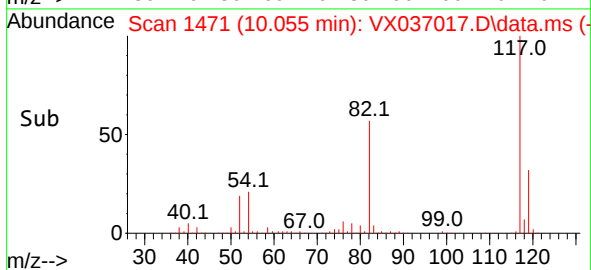
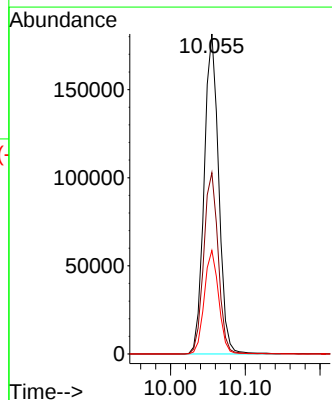
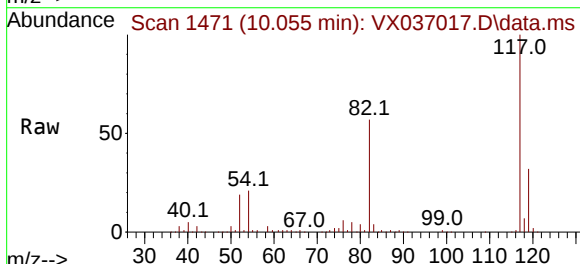
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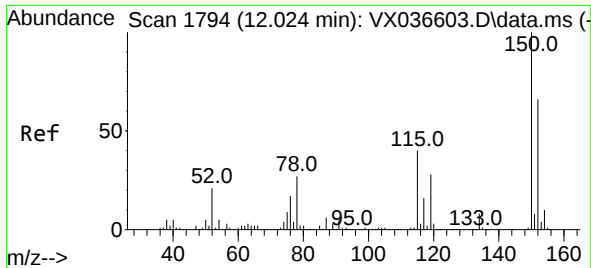
Tgt Ion: 95 Resp: 126333
Ion Ratio Lower Upper
95 100
174 71.9 0.0 135.6
176 69.9 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037017.D
Acq: 16 Aug 2023 14:59

Tgt Ion: 117 Resp: 244820
Ion Ratio Lower Upper
117 100
82 56.6 46.2 69.4
119 32.4 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX037017.D

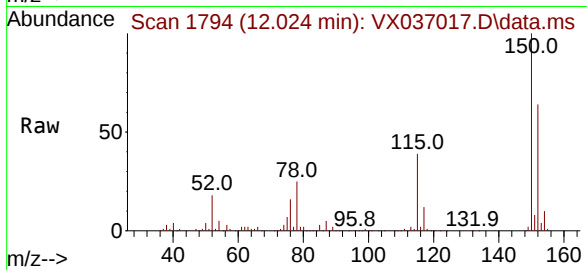
Acq: 16 Aug 2023 14:59

Instrument :

MSVOA_X

ClientSampleId :

RE122D3-20230815



Tgt Ion:152 Resp: 117418

Ion Ratio Lower Upper

152 100

115 63.0 43.3 129.9

150 156.5 0.0 345.0

