

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081623\
 Data File : VX037012.D
 Acq On : 16 Aug 2023 12:59
 Operator : JC/MD
 Sample : 04024-01 40X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE122D2-20230815

Quant Time: Aug 17 04:13:53 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)

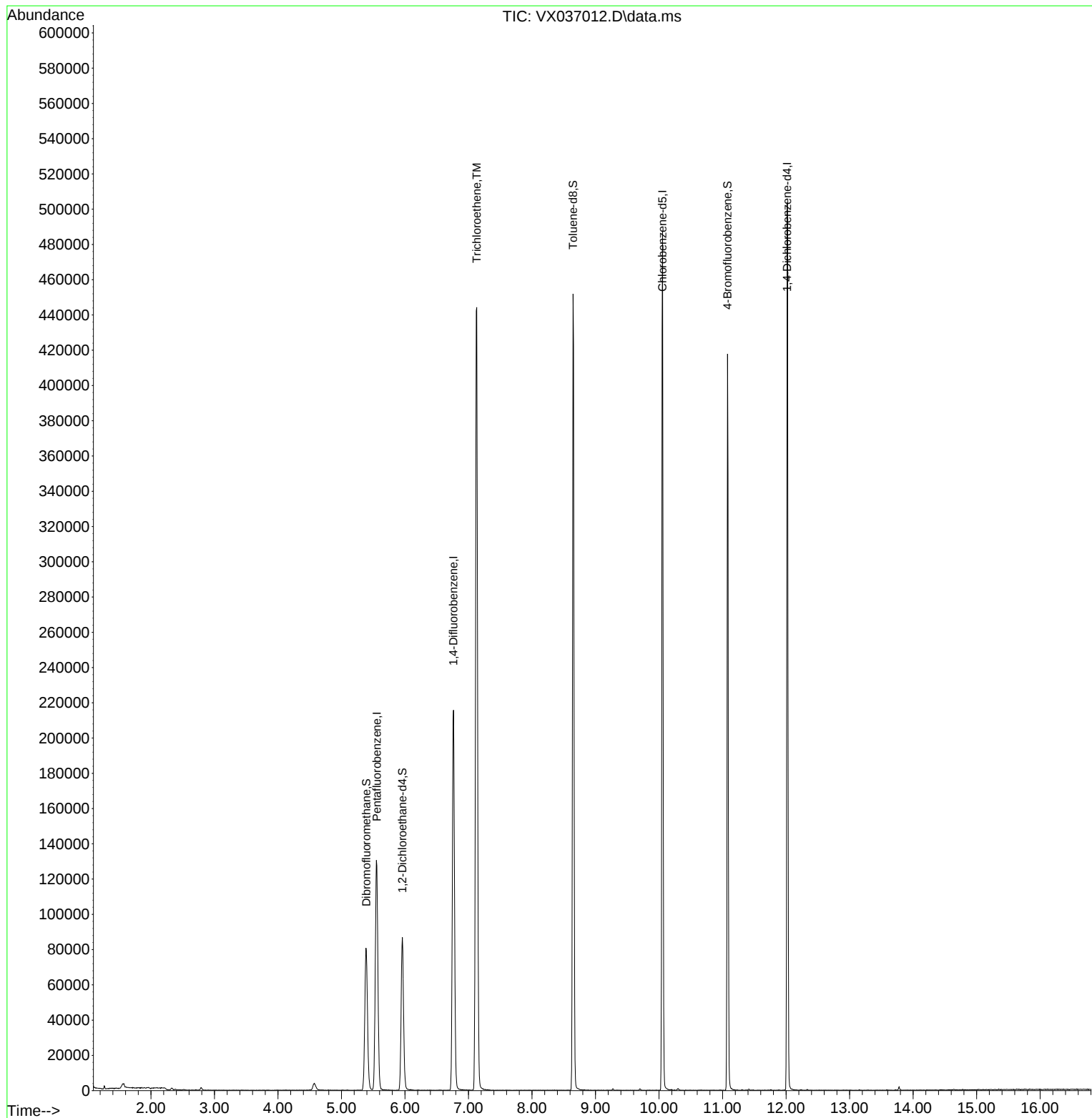
Internal Standards						
1) Pentafluorobenzene	5.556	168	120864	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	224434	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	218963	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	102584	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	86764	48.516	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.040%
35) Dibromofluoromethane	5.391	113	72082	46.727	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.460%
50) Toluene-d8	8.647	98	268806	49.137	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.280%
62) 4-Bromofluorobenzene	11.079	95	110428	53.504	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	107.000%
Target Compounds						
44) Trichloroethene	7.129	130	177782	101.671	ug/l	98

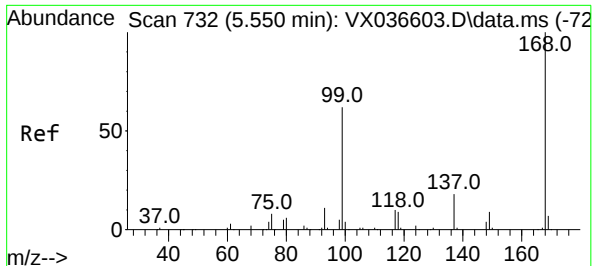
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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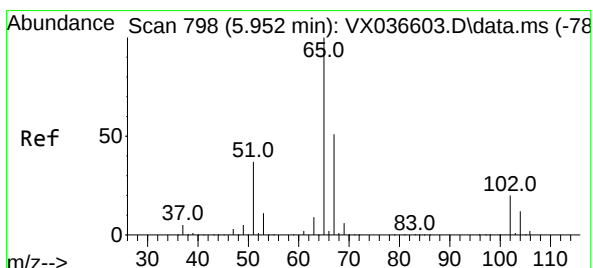
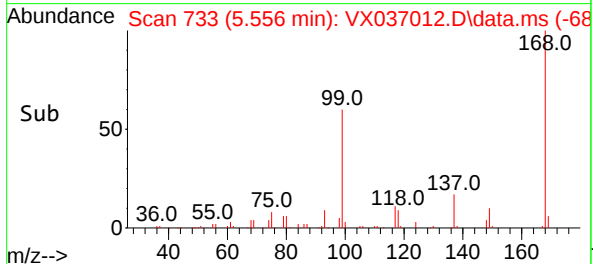
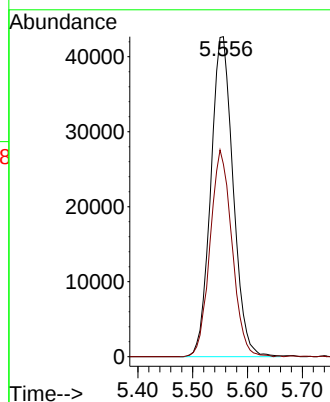
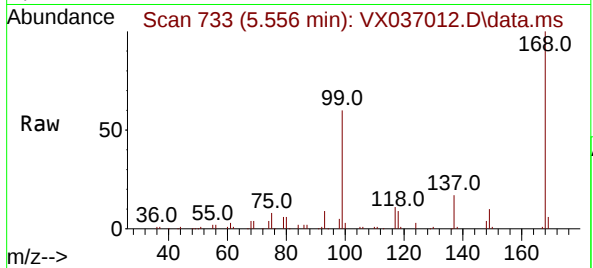




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 711
Delta R.T. 0.006 min
Lab File: VX037012.D
Acq: 16 Aug 2023 12:59

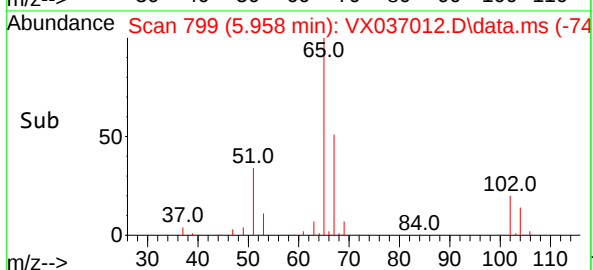
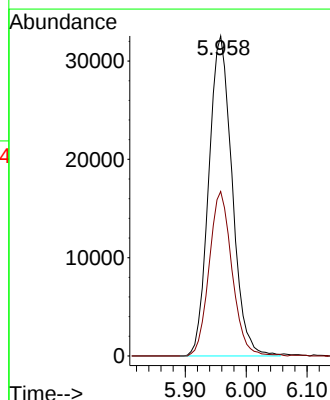
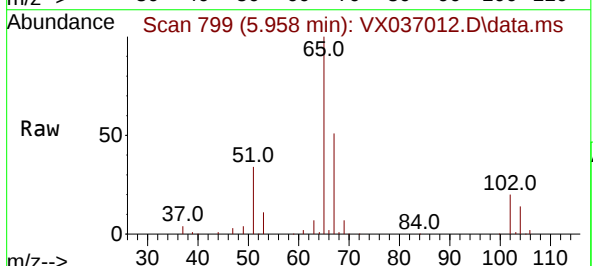
Instrument :
MSVOA_X
ClientSampleId :
RE122D2-20230815

Tgt Ion:168 Resp: 120864
Ion Ratio Lower Upper
168 100
99 60.2 56.6 85.0



#33
1,2-Dichloroethane-d4
Concen: 48.516 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX037012.D
Acq: 16 Aug 2023 12:59

Tgt Ion: 65 Resp: 86764
Ion Ratio Lower Upper
65 100
67 50.4 0.0 100.2

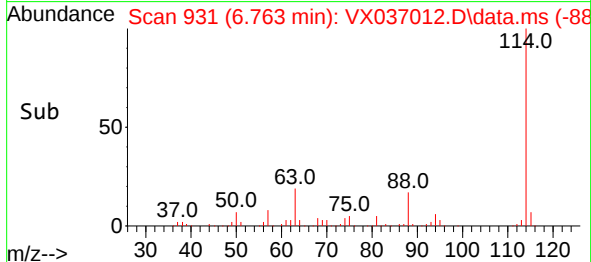
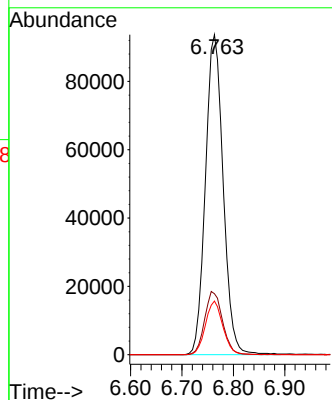
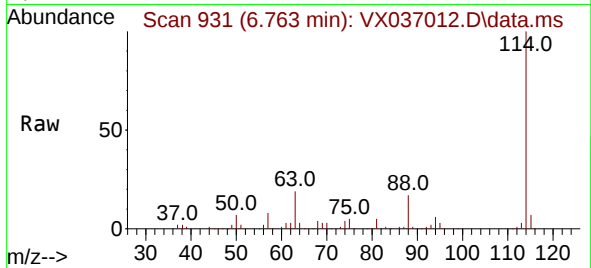




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX037012.D
Acq: 16 Aug 2023 12:59

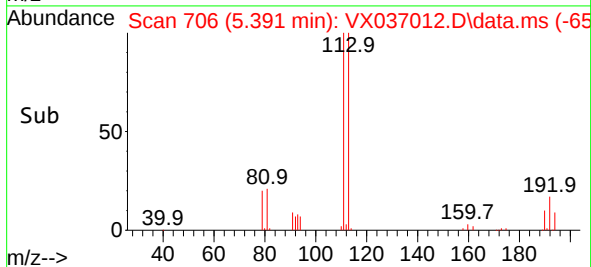
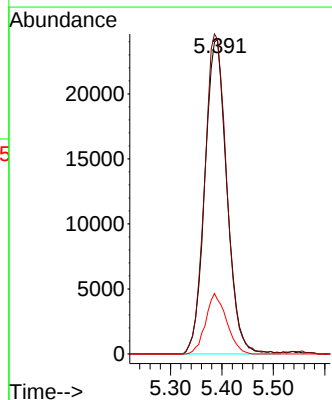
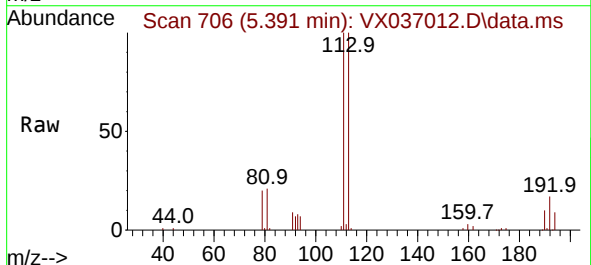
Instrument :
MSVOA_X
ClientSampleId :
RE122D2-20230815

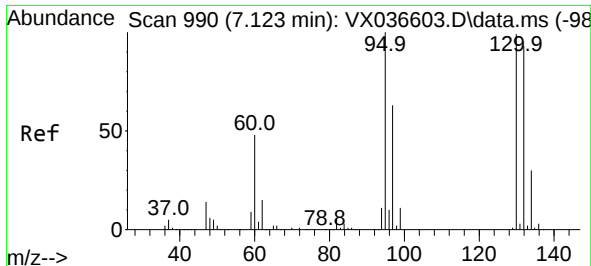
Tgt Ion:114 Resp: 224434
Ion Ratio Lower Upper
114 100
63 19.0 0.0 45.0
88 16.8 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.727 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX037012.D
Acq: 16 Aug 2023 12:59

Tgt Ion:113 Resp: 72082
Ion Ratio Lower Upper
113 100
111 101.7 82.9 124.3
192 18.2 13.3 19.9

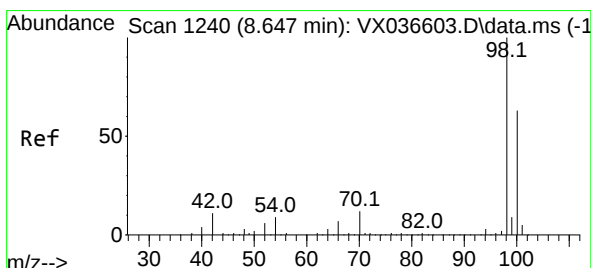
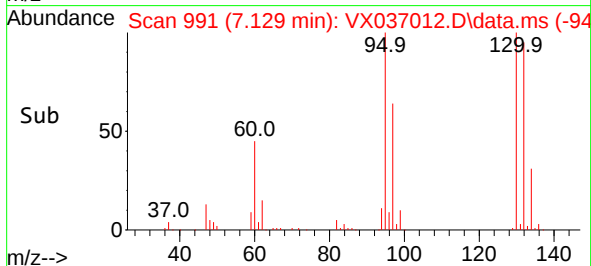
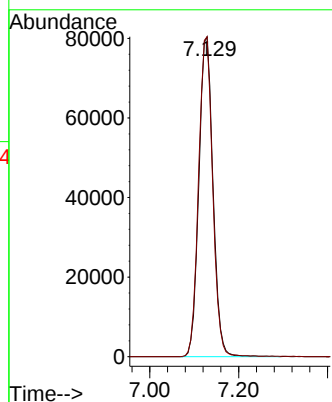
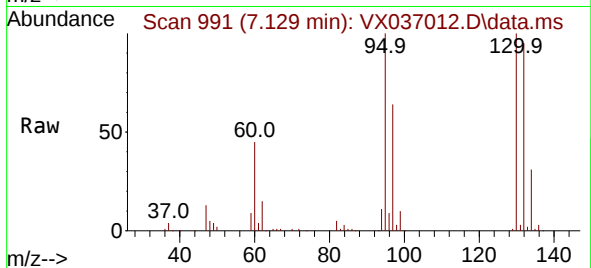




#44
Trichloroethene
Concen: 101.671 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX037012.D
Acq: 16 Aug 2023 12:59

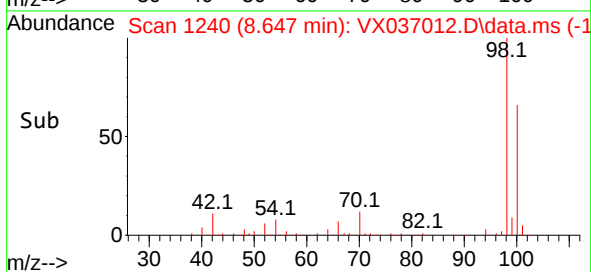
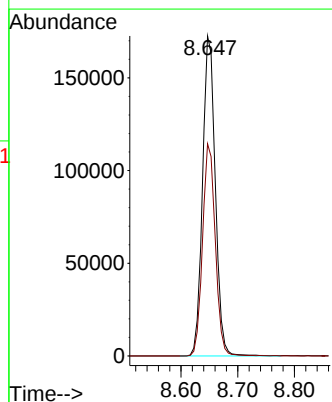
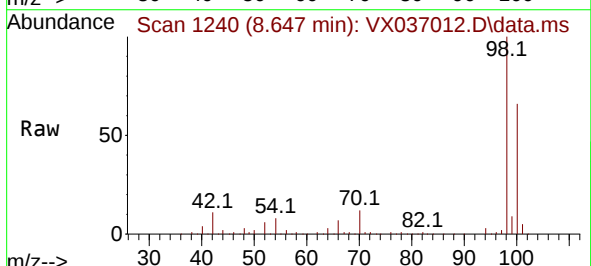
Instrument :
MSVOA_X
ClientSampleId :
RE122D2-20230815

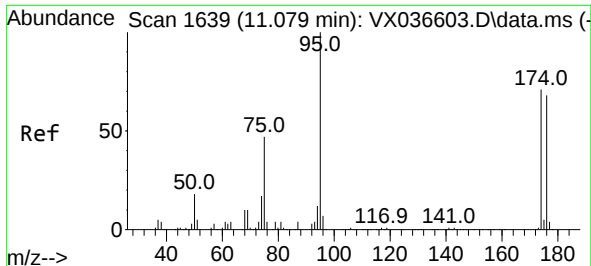
Tgt Ion:130 Resp: 177782
Ion Ratio Lower Upper
130 100
95 100.1 0.0 204.4



#50
Toluene-d8
Concen: 49.137 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX037012.D
Acq: 16 Aug 2023 12:59

Tgt Ion: 98 Resp: 268806
Ion Ratio Lower Upper
98 100
100 66.3 53.1 79.7

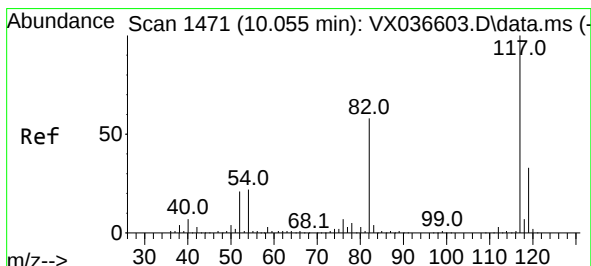
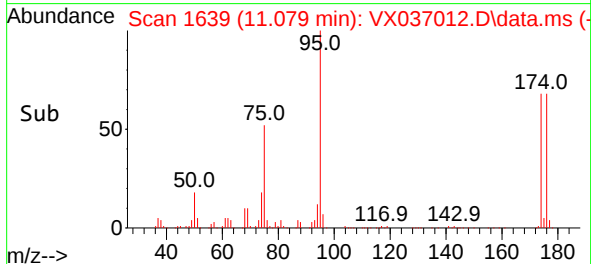
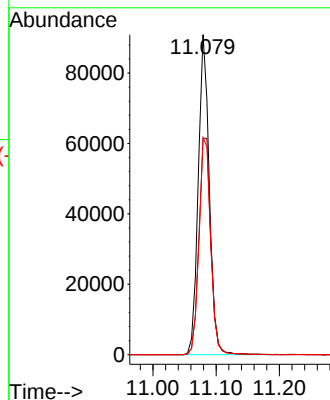
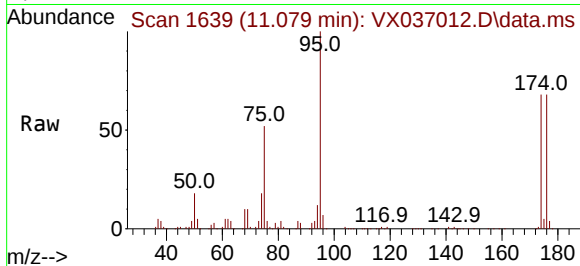




#62
4-Bromofluorobenzene
Concen: 53.504 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037012.D
Acq: 16 Aug 2023 12:59

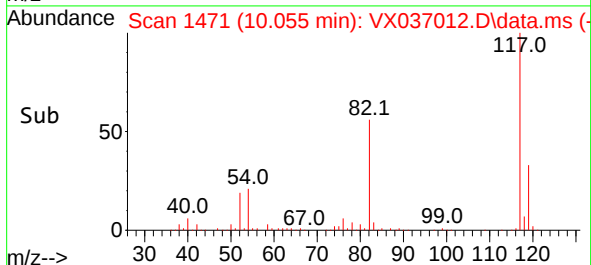
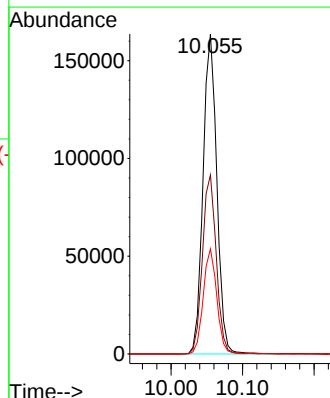
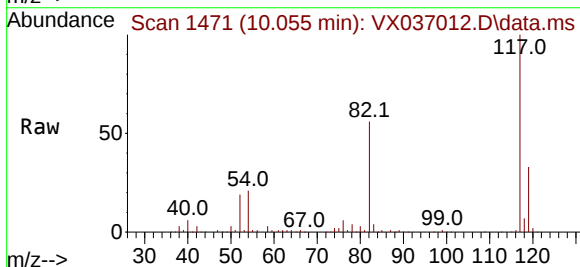
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RE122D2-20230815

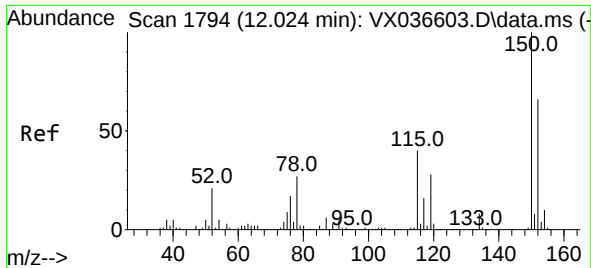
Tgt Ion: 95 Resp: 110428
Ion Ratio Lower Upper
95 100
174 73.3 0.0 135.6
176 71.5 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037012.D
Acq: 16 Aug 2023 12:59

Tgt Ion: 117 Resp: 218963
Ion Ratio Lower Upper
117 100
82 56.0 46.2 69.4
119 32.8 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX037012.D

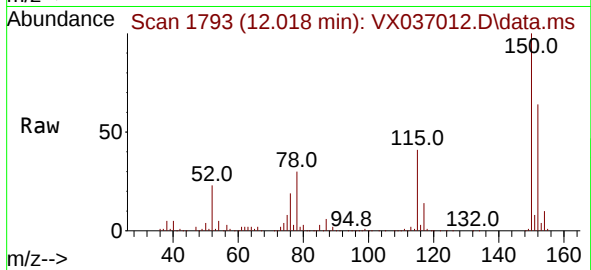
Acq: 16 Aug 2023 12:59

Instrument :

MSVOA_X

ClientSampleId :

RE122D2-20230815



Tgt Ion:152 Resp: 102584

Ion Ratio Lower Upper

152 100

115 62.9 43.3 129.9

150 155.7 0.0 345.0

