

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082423\
 Data File : VX037237.D
 Acq On : 25 Aug 2023 00:47
 Operator : JC/MD
 Sample : 04051-14
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE109D1-20230816

Quant Time: Aug 25 06:30:15 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)

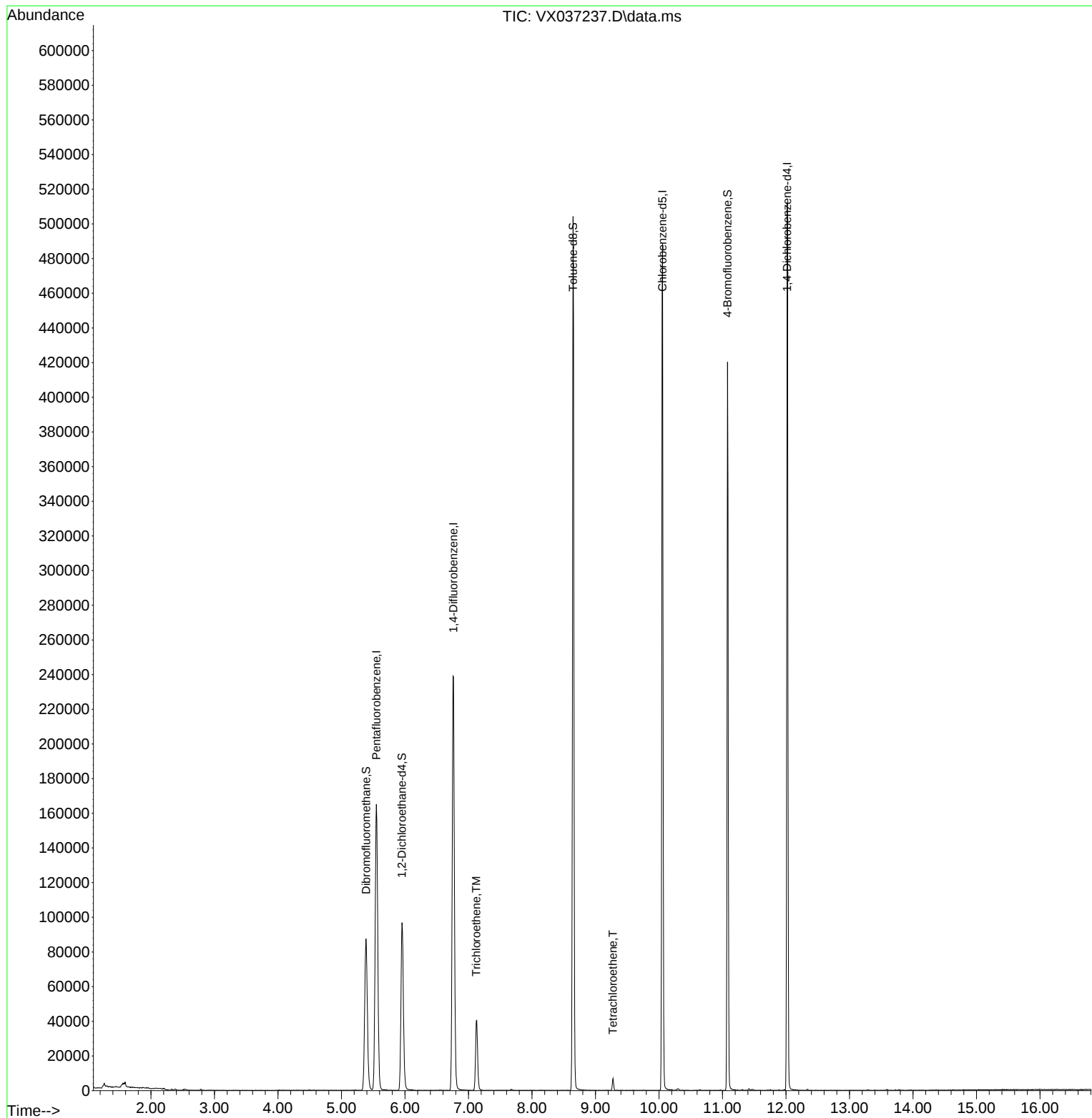
Internal Standards						
1) Pentafluorobenzene	5.550	168	153119	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	252437	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	228806	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	106246	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	98179	44.476	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	88.960%
35) Dibromofluoromethane	5.385	113	77424	46.311	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.620%
50) Toluene-d8	8.647	98	297961	49.133	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.260%
62) 4-Bromofluorobenzene	11.079	95	114391	47.999	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.000%
Target Compounds						
					Qvalue	
44) Trichloroethene	7.123	130	16504	8.544	ug/l	100
64) Tetrachloroethene	9.275	164	1348	0.808	ug/l	82

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

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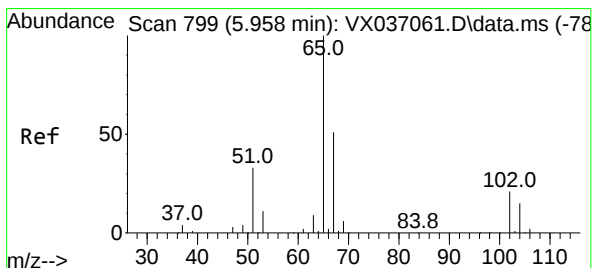
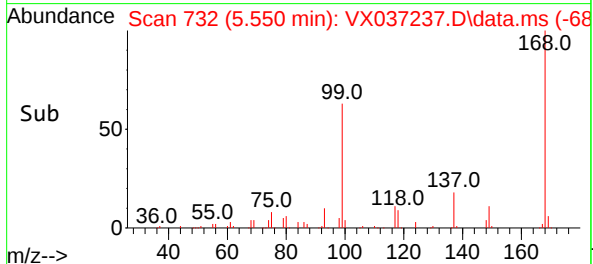
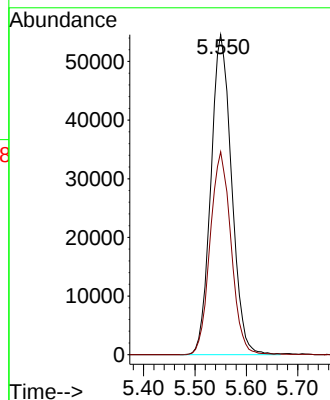
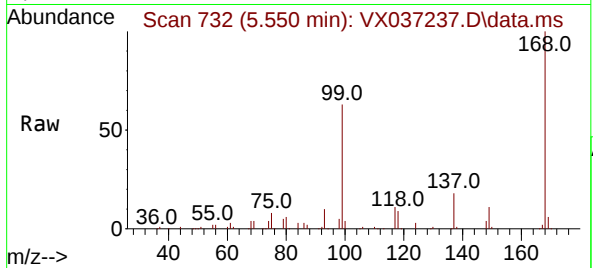




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.000 min
Lab File: VX037237.D
Acq: 25 Aug 2023 00:47

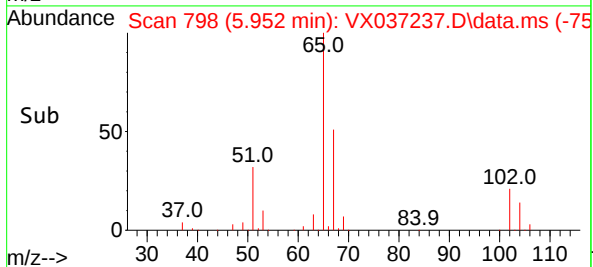
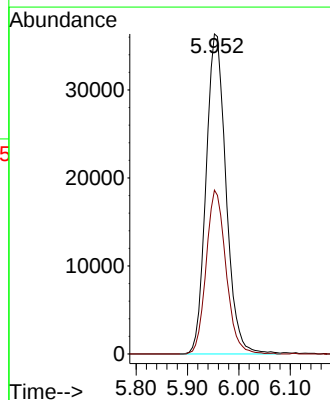
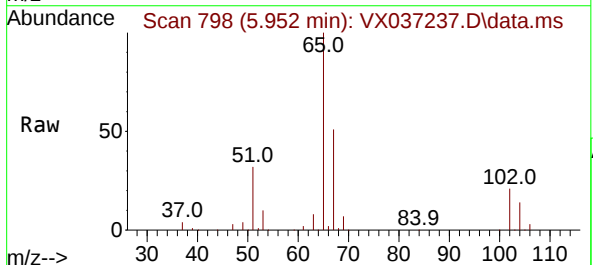
Instrument :
MSVOA_X
ClientSampleId :
RE109D1-20230816

Tgt Ion:168 Resp: 153119
Ion Ratio Lower Upper
168 100
99 63.4 56.6 85.0



#33
1,2-Dichloroethane-d4
Concen: 44.476 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX037237.D
Acq: 25 Aug 2023 00:47

Tgt Ion: 65 Resp: 98179
Ion Ratio Lower Upper
65 100
67 50.7 0.0 100.2

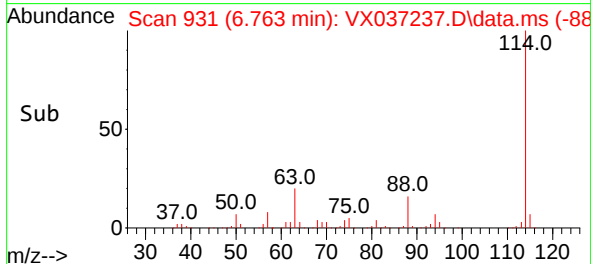
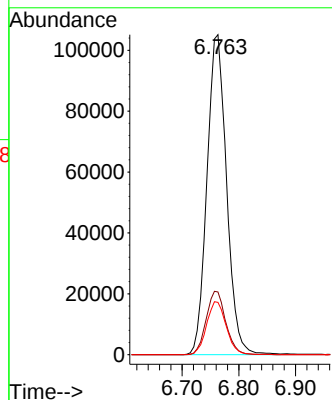
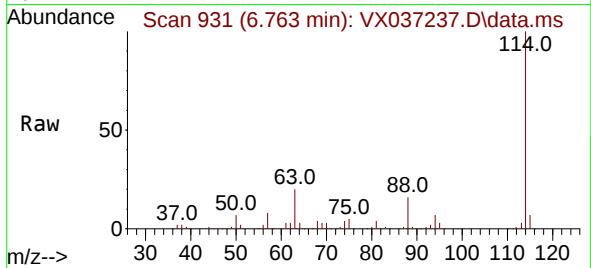




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX037237.D
Acq: 25 Aug 2023 00:47

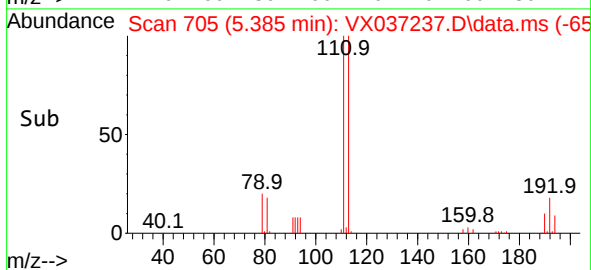
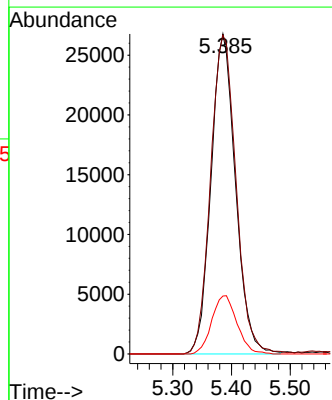
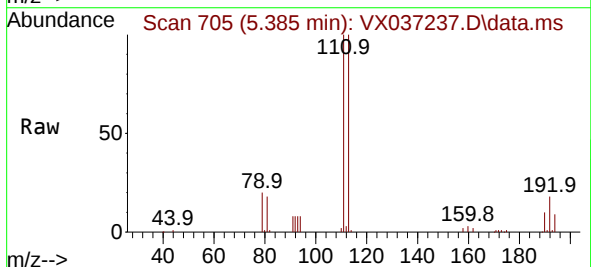
Instrument :
MSVOA_X
ClientSampleId :
RE109D1-20230816

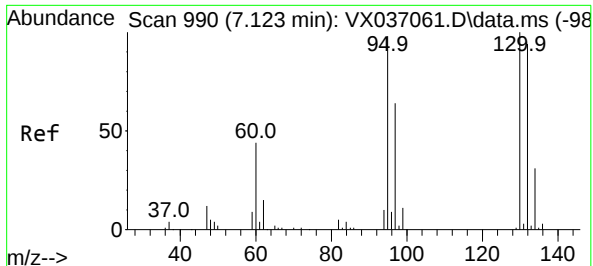
Tgt Ion:114 Resp: 252437
Ion Ratio Lower Upper
114 100
63 19.6 0.0 45.0
88 16.3 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.311 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX037237.D
Acq: 25 Aug 2023 00:47

Tgt Ion:113 Resp: 77424
Ion Ratio Lower Upper
113 100
111 103.6 82.9 124.3
192 18.7 13.3 19.9

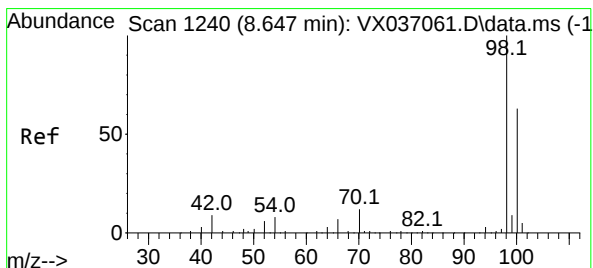
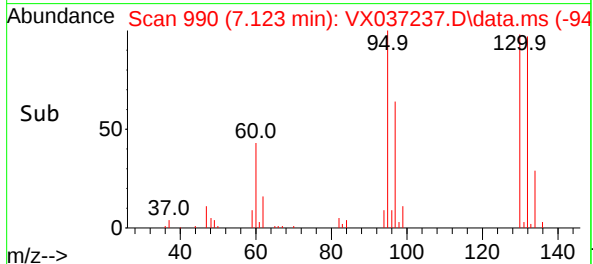
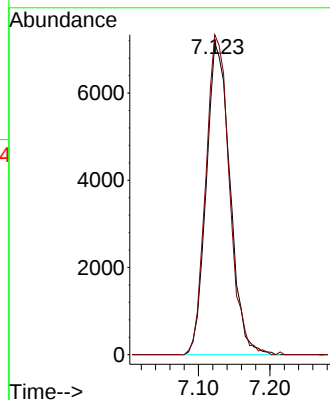
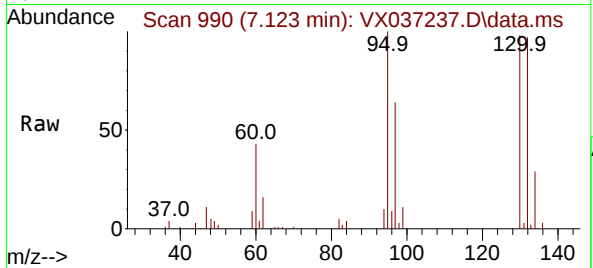




#44
Trichloroethene
Concen: 8.544 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX037237.D
Acq: 25 Aug 2023 00:47

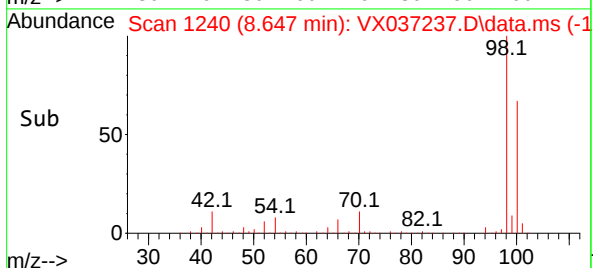
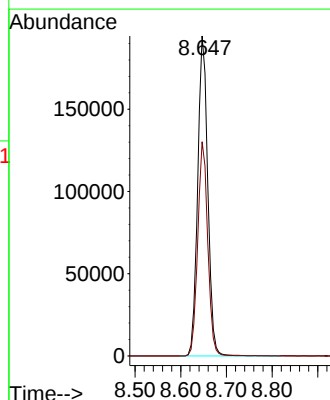
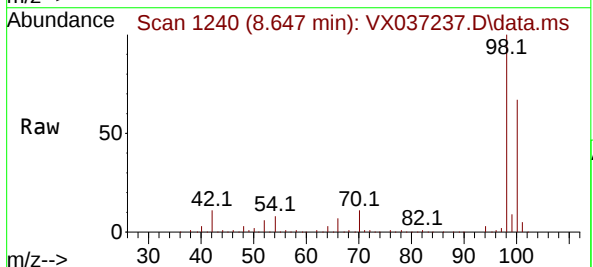
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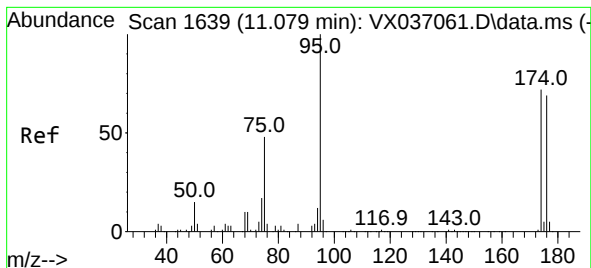
Tgt Ion:130 Resp: 16504
Ion Ratio Lower Upper
130 100
95 102.5 0.0 204.4



#50
Toluene-d8
Concen: 49.133 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX037237.D
Acq: 25 Aug 2023 00:47

Tgt Ion: 98 Resp: 297961
Ion Ratio Lower Upper
98 100
100 66.4 53.1 79.7

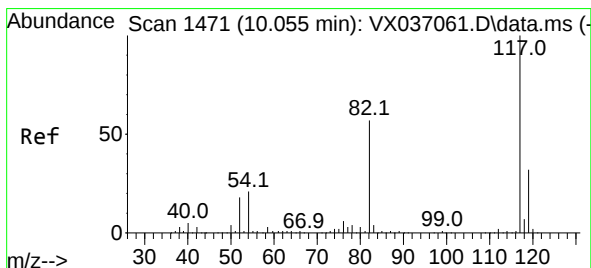
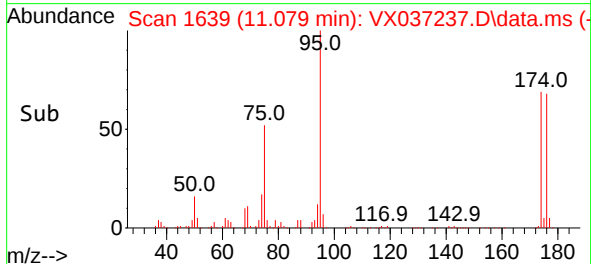
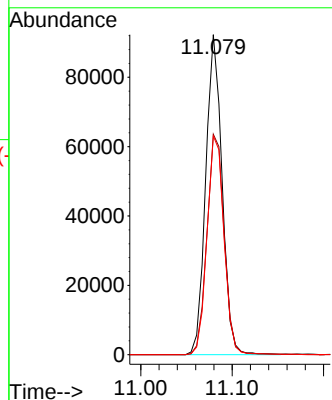
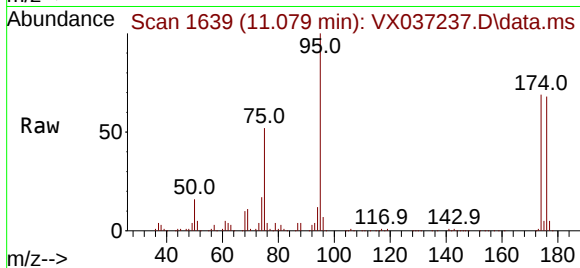




#62
4-Bromofluorobenzene
Concen: 47.999 ug/l
RT: 11.079 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX037237.D
Acq: 25 Aug 2023 00:47

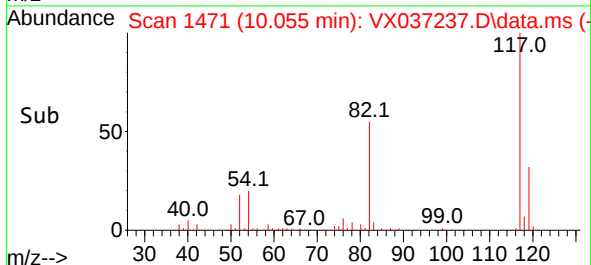
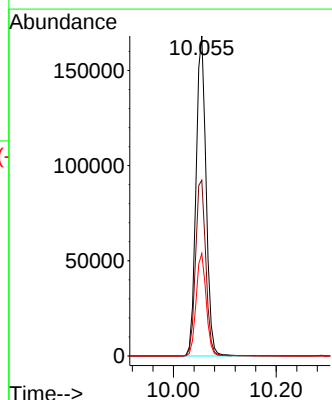
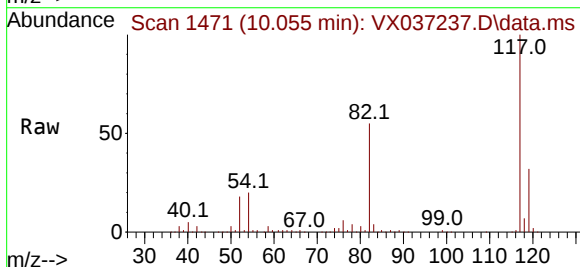
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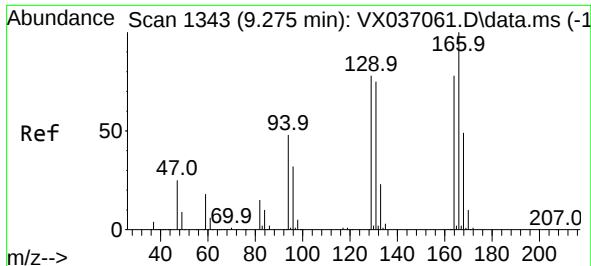
Tgt Ion: 95 Resp: 114391
Ion Ratio Lower Upper
95 100
174 72.6 0.0 135.6
176 71.0 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037237.D
Acq: 25 Aug 2023 00:47

Tgt Ion: 117 Resp: 228806
Ion Ratio Lower Upper
117 100
82 55.0 46.2 69.4
119 32.0 25.5 38.3



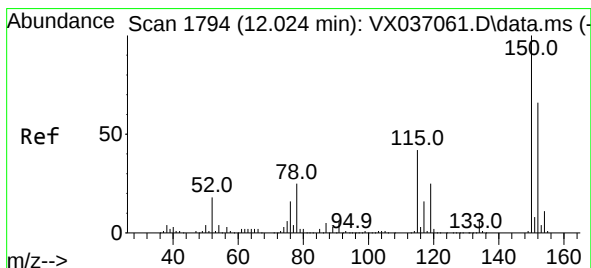
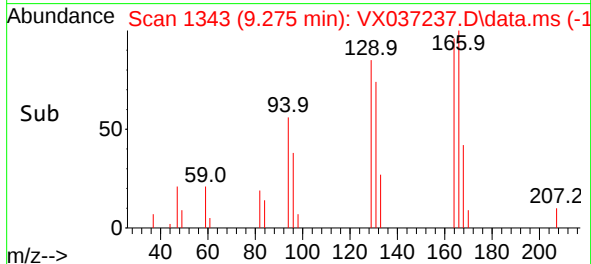
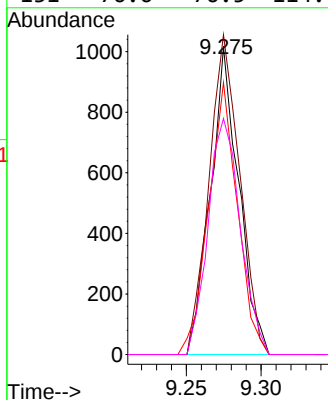
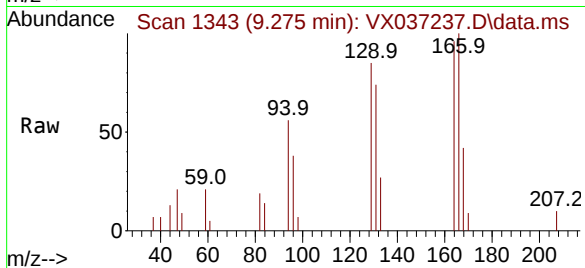


#64
Tetrachloroethene
Concen: 0.808 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX037237.D
Acq: 25 Aug 2023 00:47

Instrument :
MSVOA_X
ClientSampleId :
RE109D1-20230816

Tgt Ion:164 Resp: 1348

Ion	Ratio	Lower	Upper
164	100		
166	103.8	102.7	154.1
129	88.3	80.4	120.6
131	76.6	76.5	114.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VX037237.D
Acq: 25 Aug 2023 00:47

Tgt Ion:152 Resp: 106246

Ion	Ratio	Lower	Upper
152	100		
115	63.8	43.3	129.9
150	159.3	0.0	345.0

