

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031323\
 Data File : VX034437.D
 Acq On : 13 Mar 2023 16:59
 Operator : JC/MD
 Sample : 01879-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE108D1-20230308

Quant Time: Mar 14 02:27:18 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 13 10:29:32 2023
 Response via : Initial Calibration

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

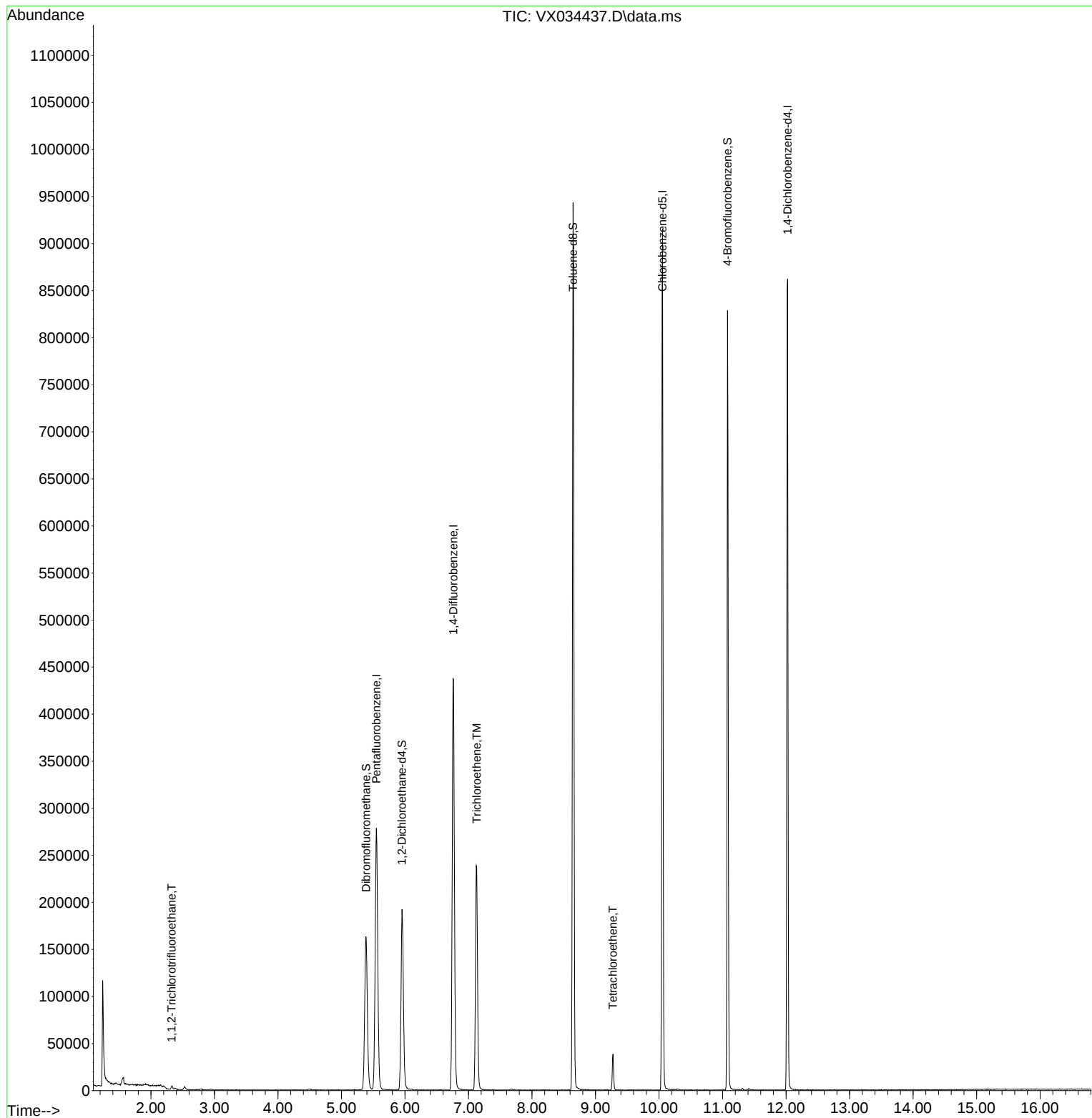
Internal Standards						
1) Pentafluorobenzene	5.550	168	264490	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	453640	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	406014	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	181021	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	175731	45.671	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.340%
35) Dibromofluoromethane	5.385	113	142192	47.474	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.940%
50) Toluene-d8	8.647	98	548296	49.038	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.080%
62) 4-Bromofluorobenzene	11.079	95	209135	46.307	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.620%
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	2.325	101	1271	0.432	ug/l #	91
44) Trichloroethene	7.129	130	94336	26.979	ug/l	98
64) Tetrachloroethene	9.275	164	6571	2.409	ug/l	91

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

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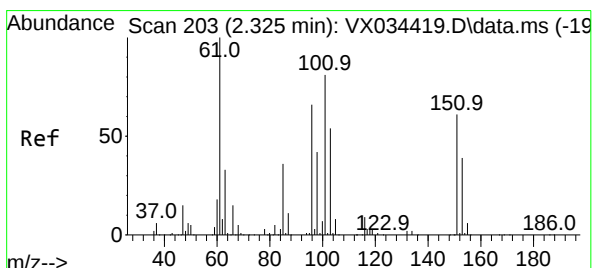
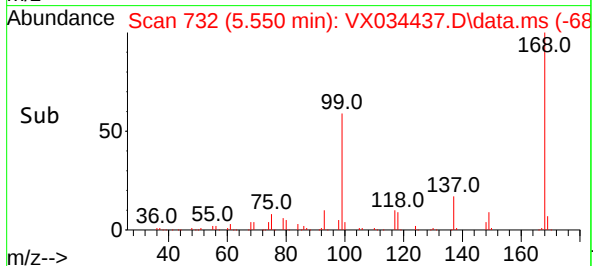
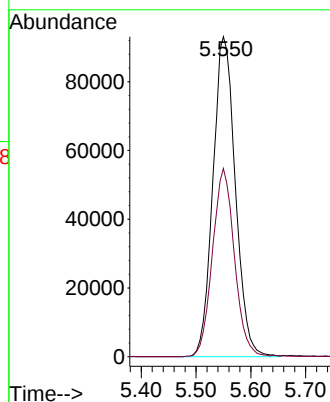
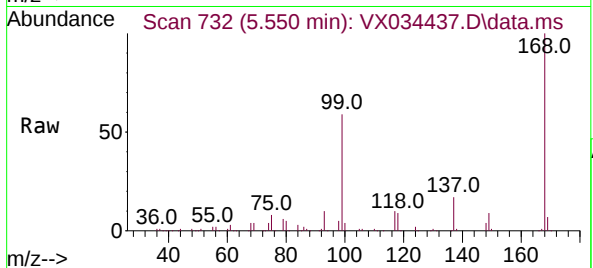




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX034437.D
Acq: 13 Mar 2023 16:59

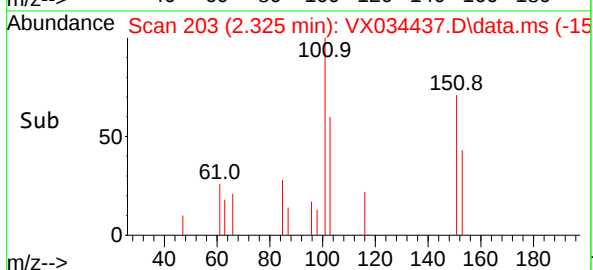
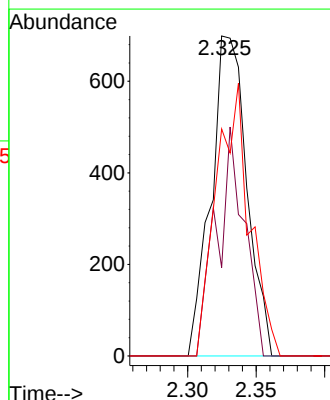
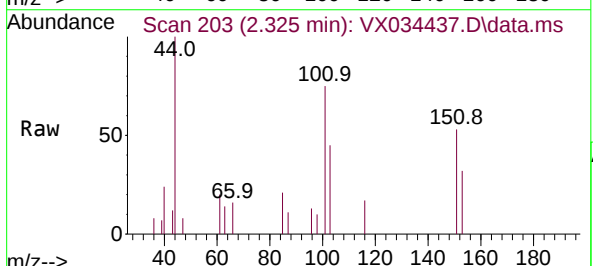
Instrument :
MSVOA_X
ClientSampleId :
RE108D1-20230308

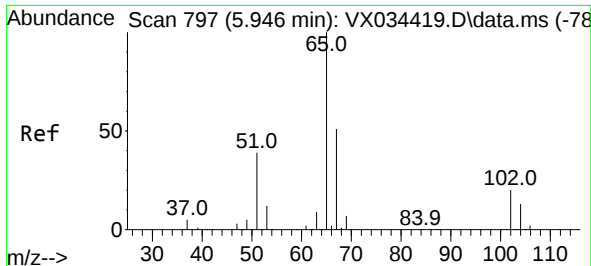
Tgt Ion:168 Resp: 264490
Ion Ratio Lower Upper
168 100
99 58.8 45.7 68.5



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.432 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.000 min
Lab File: VX034437.D
Acq: 13 Mar 2023 16:59

Tgt Ion:101 Resp: 1271
Ion Ratio Lower Upper
101 100
85 55.3 35.4 53.2#
151 79.4 60.2 90.4

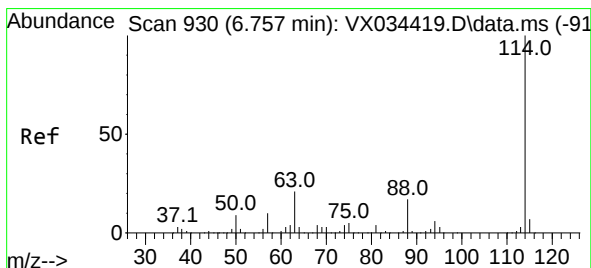
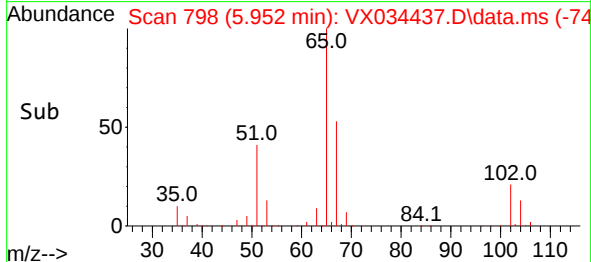
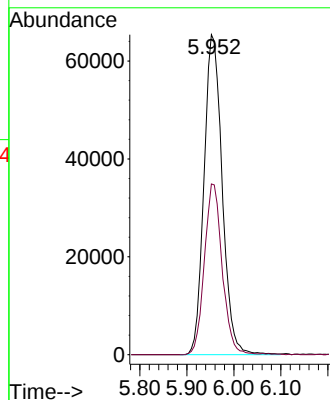
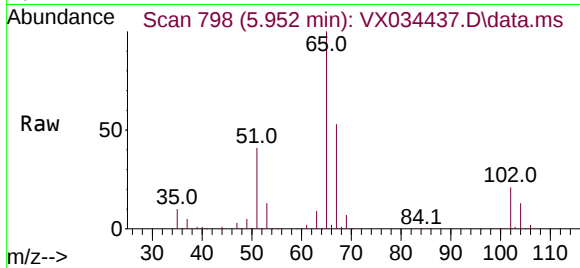




#33
 1,2-Dichloroethane-d4
 Concen: 45.671 ug/l
 RT: 5.952 min Scan# 797
 Delta R.T. 0.006 min
 Lab File: VX034437.D
 Acq: 13 Mar 2023 16:59

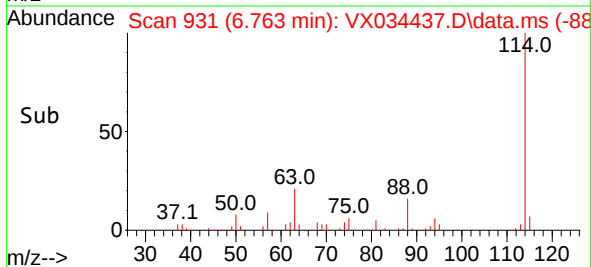
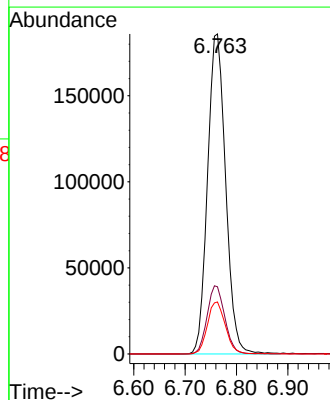
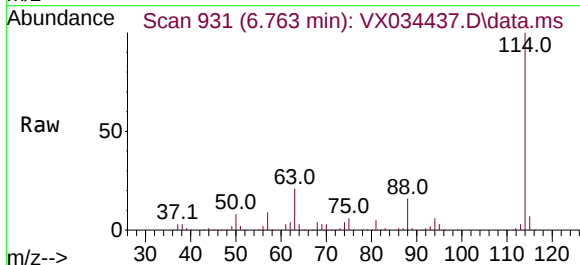
Instrument :
 MSVOA_X
 ClientSampleId :
 RE108D1-20230308

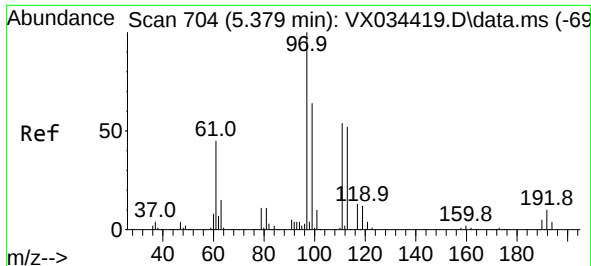
Tgt Ion: 65 Resp: 175731
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.006 min
 Lab File: VX034437.D
 Acq: 13 Mar 2023 16:59

Tgt Ion: 114 Resp: 453640
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 42.2
 88 16.3 0.0 33.2

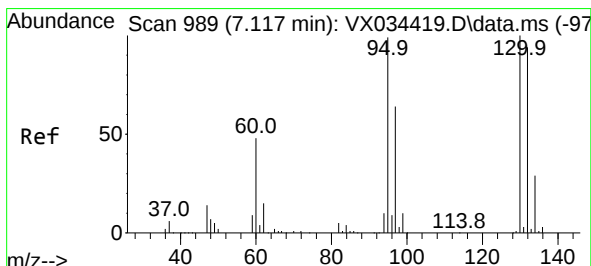
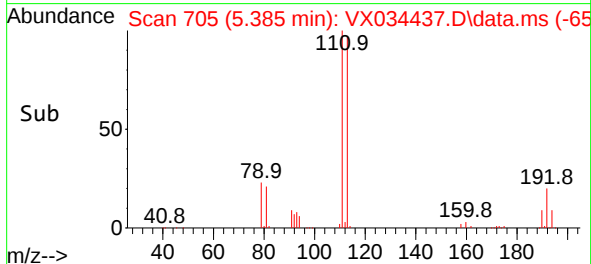
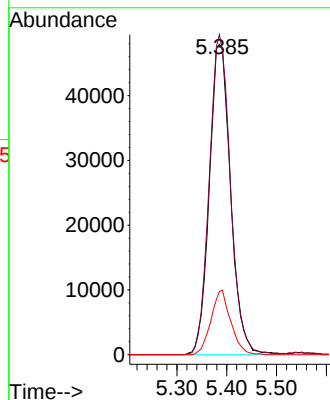
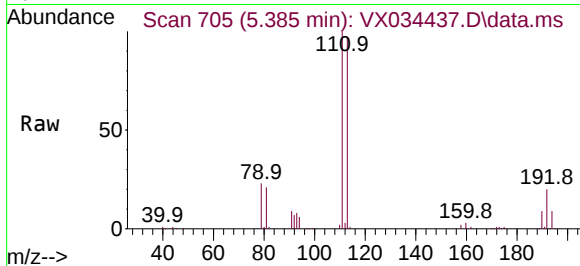




#35
Dibromofluoromethane
Concen: 47.474 ug/l
RT: 5.385 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX034437.D
Acq: 13 Mar 2023 16:59

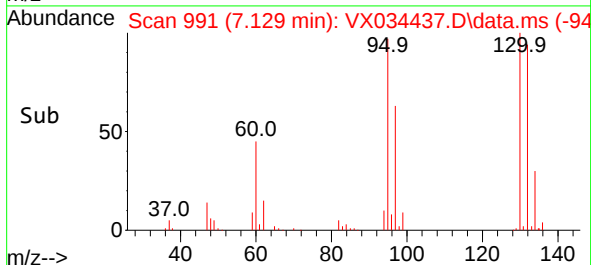
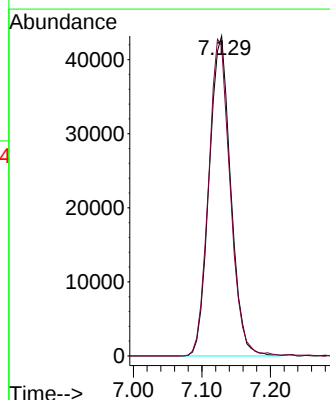
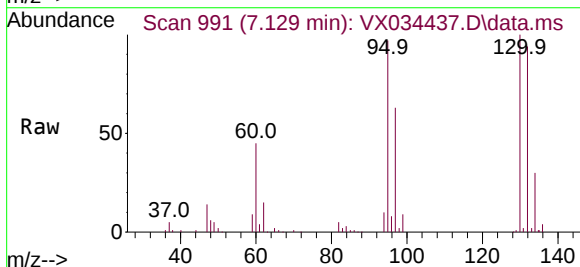
Instrument :
MSVOA_X
ClientSampleId :
RE108D1-20230308

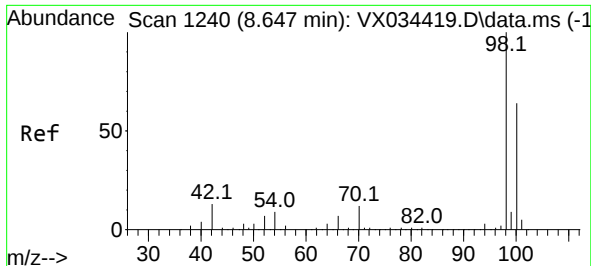
Tgt Ion:113 Resp: 142192
Ion Ratio Lower Upper
113 100
111 102.5 83.7 125.5
192 19.3 15.4 23.2



#44
Trichloroethene
Concen: 26.979 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.012 min
Lab File: VX034437.D
Acq: 13 Mar 2023 16:59

Tgt Ion:130 Resp: 94336
Ion Ratio Lower Upper
130 100
95 97.0 0.0 198.4

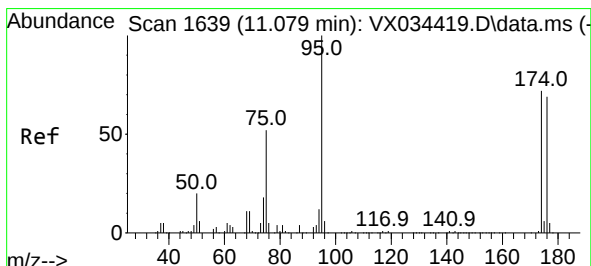
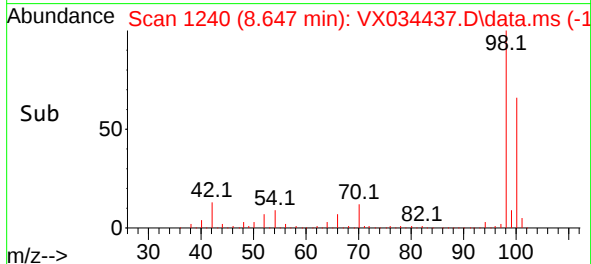
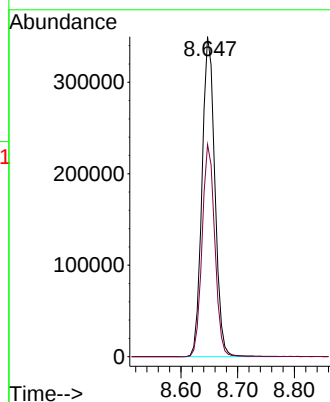
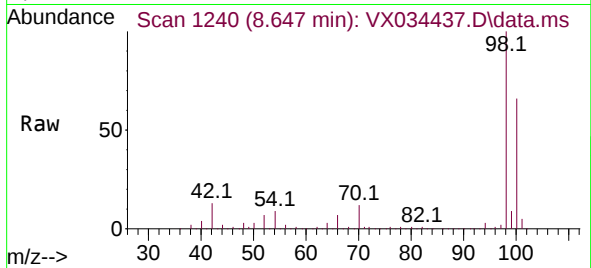




#50
Toluene-d8
Concen: 49.038 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX034437.D
Acq: 13 Mar 2023 16:59

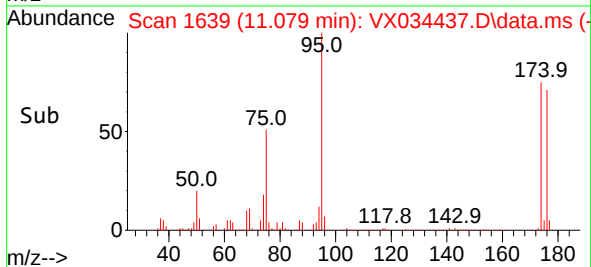
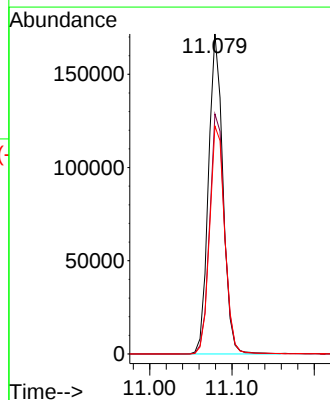
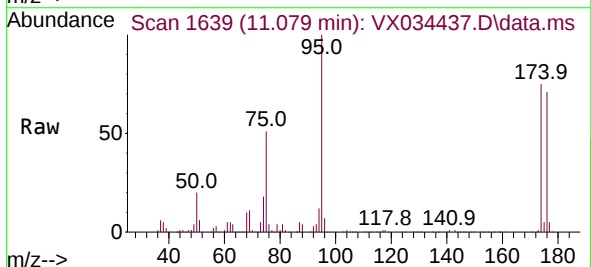
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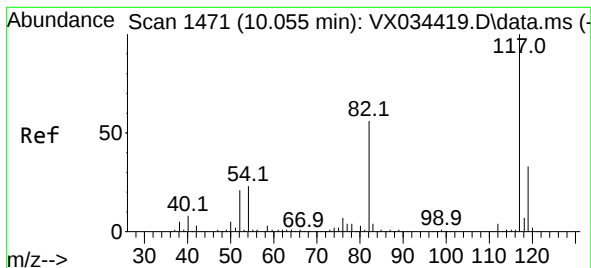
Tgt Ion: 98 Resp: 548296
Ion Ratio Lower Upper
98 100
100 65.6 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 46.307 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX034437.D
Acq: 13 Mar 2023 16:59

Tgt Ion: 95 Resp: 209135
Ion Ratio Lower Upper
95 100
174 77.4 0.0 147.4
176 74.7 0.0 140.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX034437.D

Acq: 13 Mar 2023 16:59

Instrument :

MSVOA_X

ClientSampleId :

RE108D1-20230308

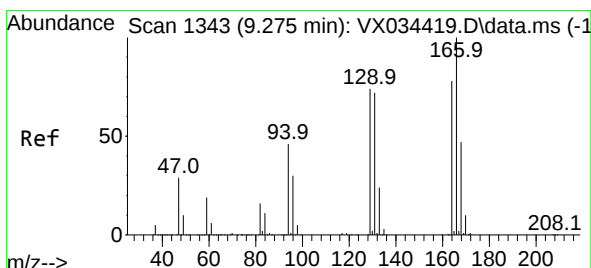
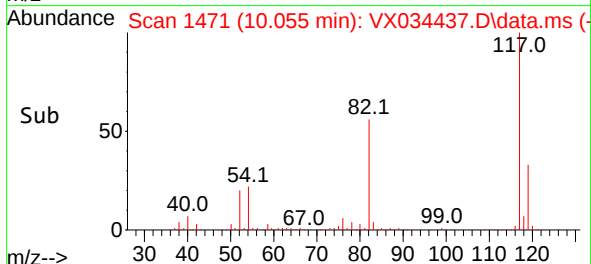
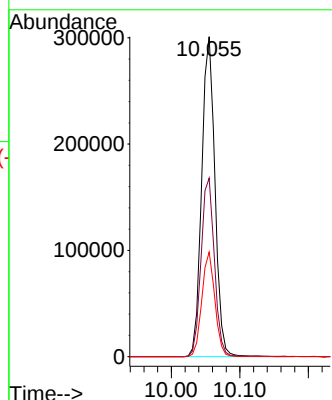
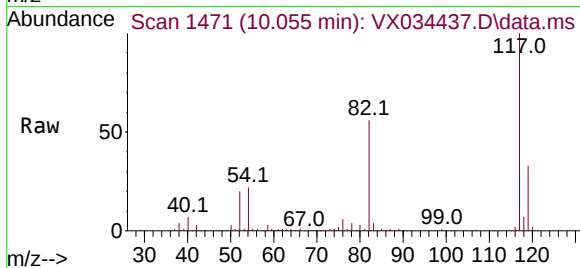
Tgt Ion:117 Resp: 406014

Ion Ratio Lower Upper

117 100

82 55.8 45.0 67.4

119 32.7 26.0 39.0



#64

Tetrachloroethene

Concen: 2.409 ug/l

RT: 9.275 min Scan# 1343

Delta R.T. 0.000 min

Lab File: VX034437.D

Acq: 13 Mar 2023 16:59

Tgt Ion:164 Resp: 6571

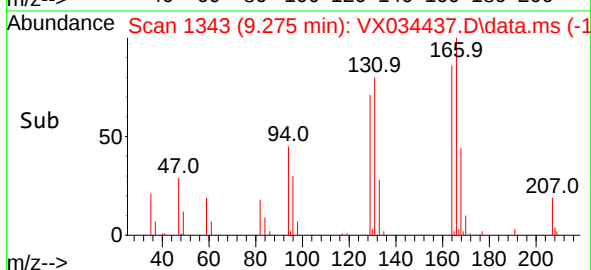
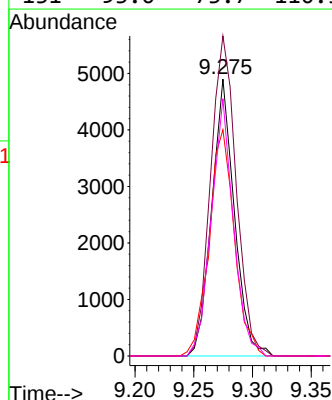
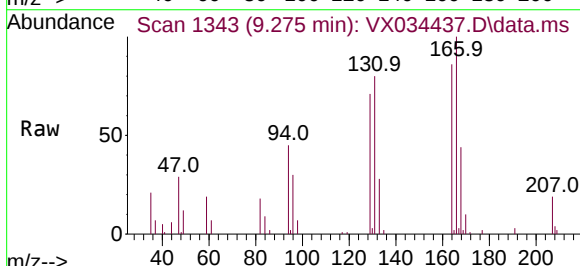
Ion Ratio Lower Upper

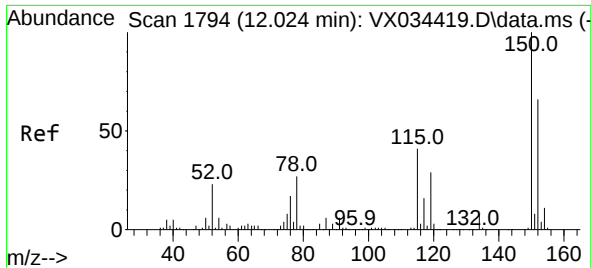
164 100

166 115.6 102.7 154.1

129 81.8 75.6 113.4

131 93.0 73.7 110.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX034437.D

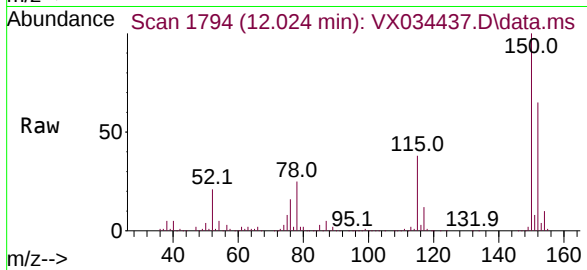
Acq: 13 Mar 2023 16:59

Instrument :

MSVOA_X

ClientSampleId :

RE108D1-20230308



Tgt Ion:152 Resp: 181021

Ion Ratio Lower Upper

152 100

115 59.5 45.0 135.0

150 156.4 0.0 352.4

