

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081623\
 Data File : VX037016.D
 Acq On : 16 Aug 2023 14:35
 Operator : JC/MD
 Sample : 04024-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT15811-20230815

Quant Time: Aug 17 04:15:16 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)

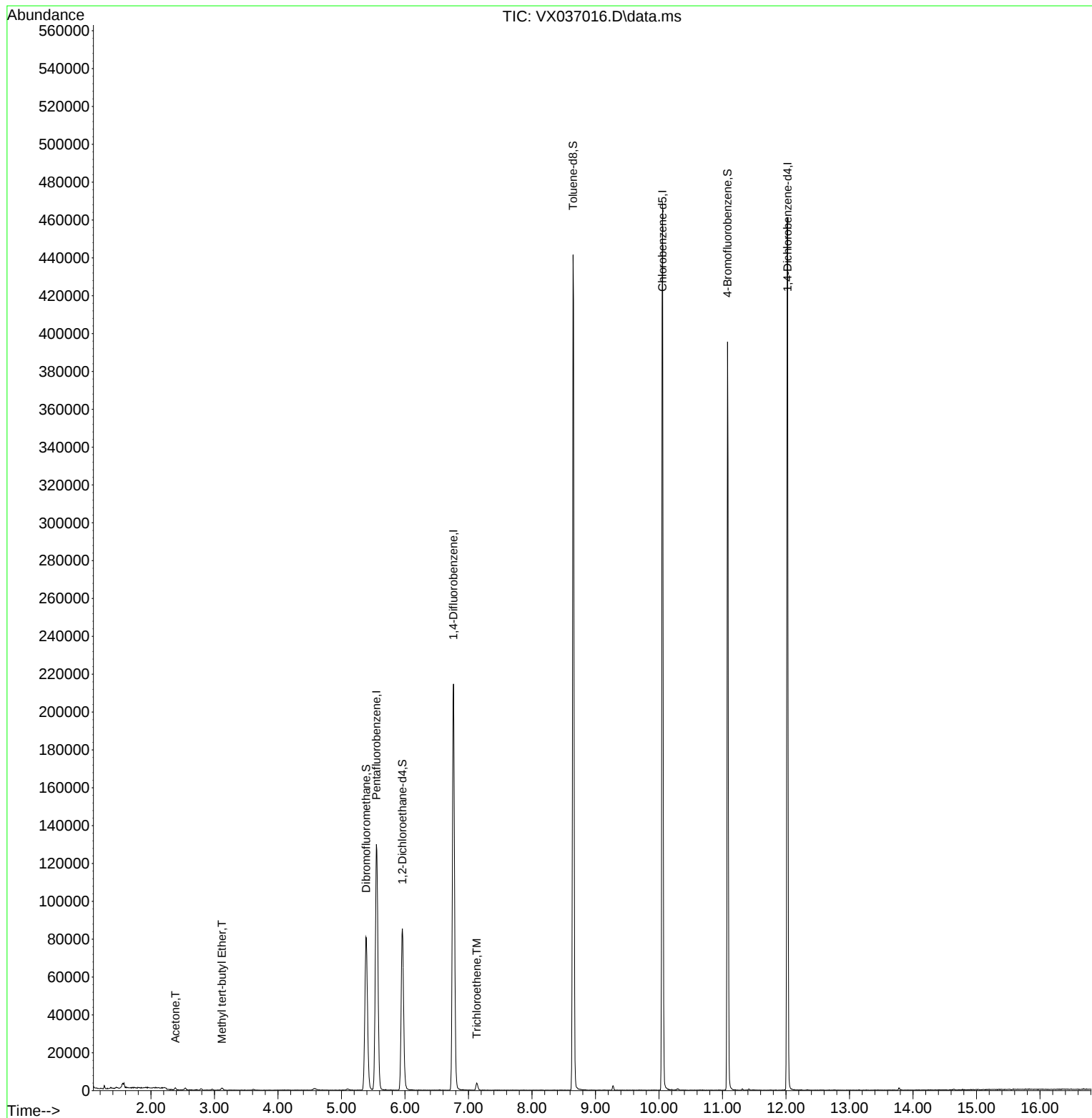
Internal Standards						
1) Pentafluorobenzene	5.550	168	119830	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	221346	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	210630	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	96777	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	85555	48.253	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.500%
35) Dibromofluoromethane	5.385	113	71782	47.181	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.360%
50) Toluene-d8	8.647	98	265068	49.130	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.260%
62) 4-Bromofluorobenzene	11.079	95	106981	52.557	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	105.120%
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	1263	1.717	ug/l	94
19) Methyl tert-butyl Ether	3.117	73	1428	0.283	ug/l #	85
44) Trichloroethene	7.129	130	1632	0.946	ug/l	100

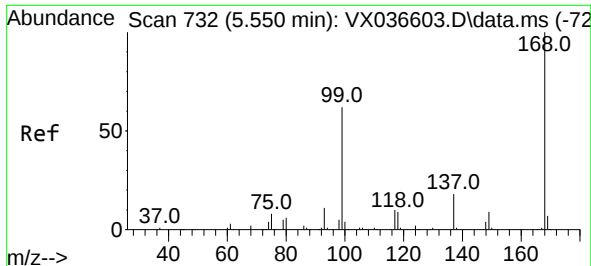
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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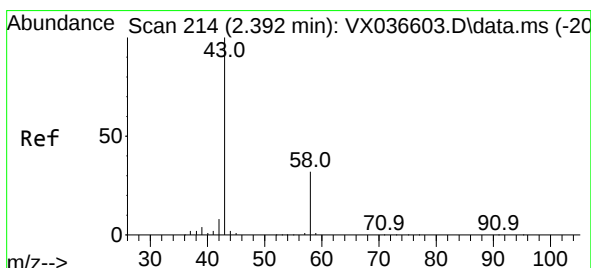
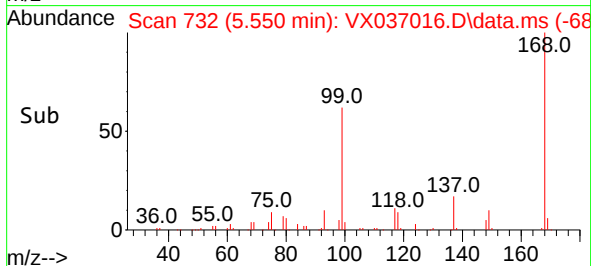
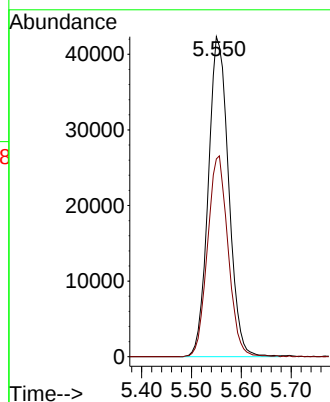
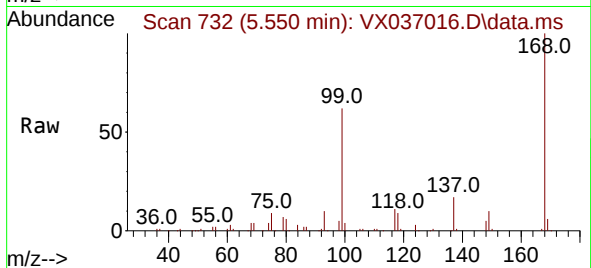




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX037016.D
Acq: 16 Aug 2023 14:35

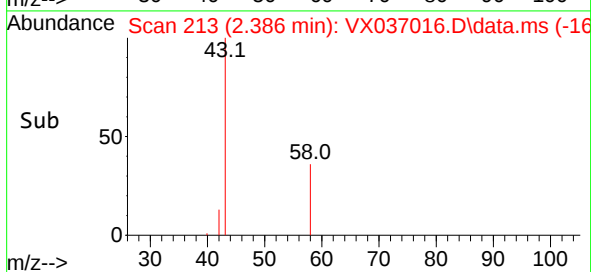
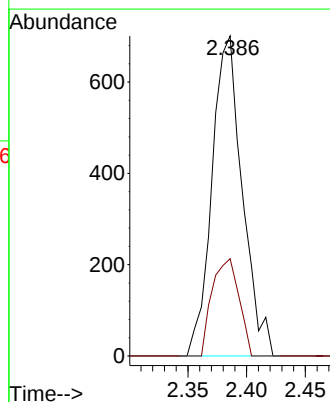
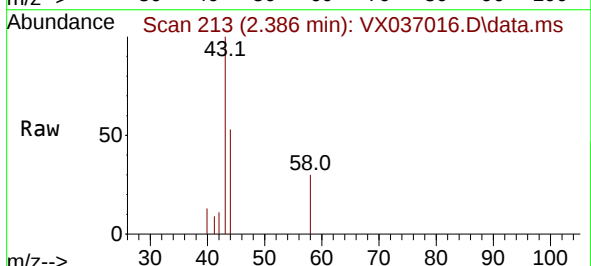
Instrument :
MSVOA_X
ClientSampleId :
TT15811-20230815

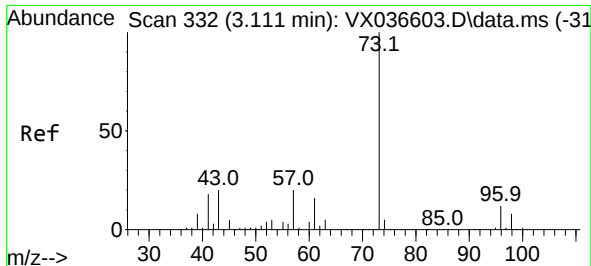
Tgt Ion:168 Resp: 119830
Ion Ratio Lower Upper
168 100
99 61.8 56.6 85.0



#16
Acetone
Concen: 1.717 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX037016.D
Acq: 16 Aug 2023 14:35

Tgt Ion: 43 Resp: 1263
Ion Ratio Lower Upper
43 100
58 30.4 21.9 32.9

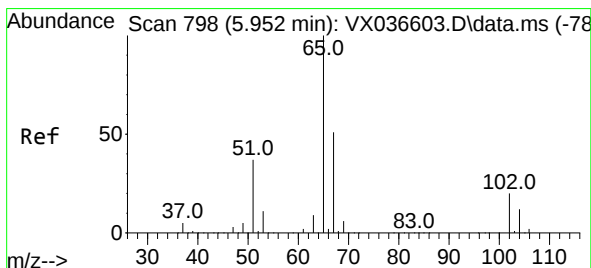
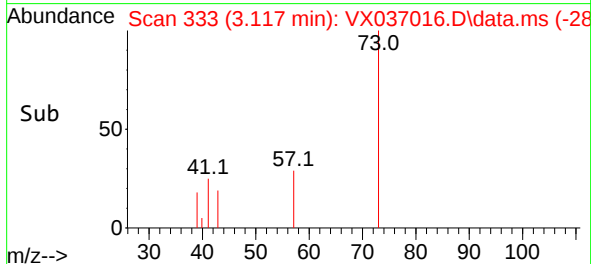
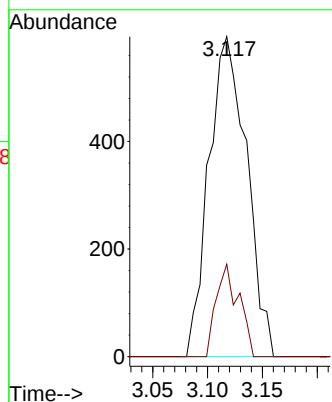
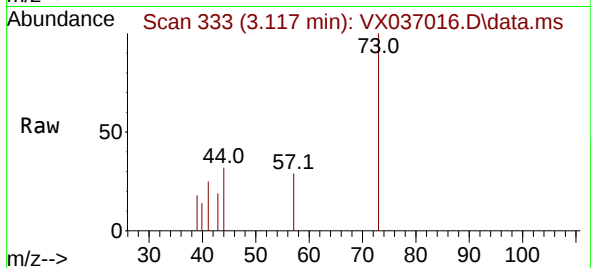




#19
Methyl tert-butyl Ether
Concen: 0.283 ug/l
RT: 3.117 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX037016.D
Acq: 16 Aug 2023 14:35

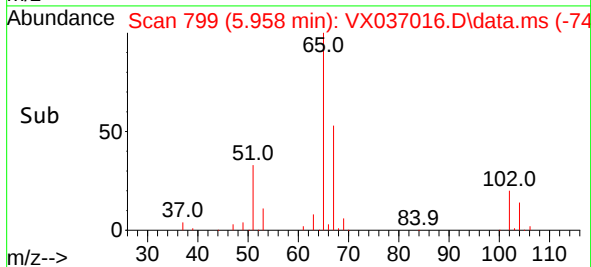
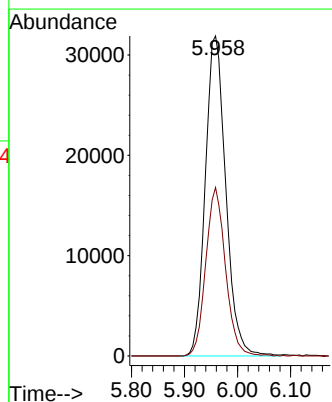
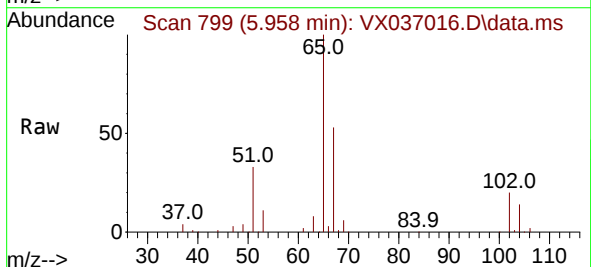
Instrument :
MSVOA_X
ClientSampleId :
TT15811-20230815

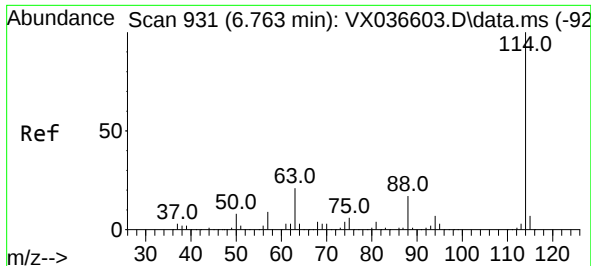
Tgt Ion: 73 Resp: 1428
Ion Ratio Lower Upper
73 100
57 28.9 17.3 25.9#



#33
1,2-Dichloroethane-d4
Concen: 48.253 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX037016.D
Acq: 16 Aug 2023 14:35

Tgt Ion: 65 Resp: 85555
Ion Ratio Lower Upper
65 100
67 50.8 0.0 100.2

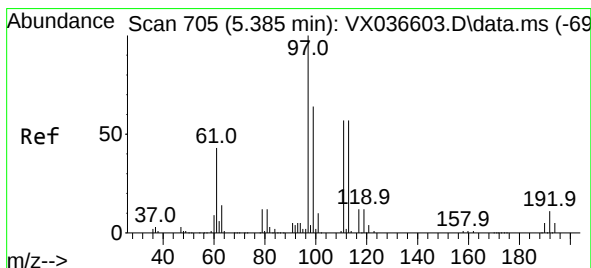
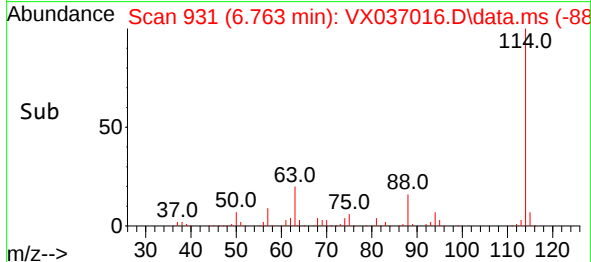
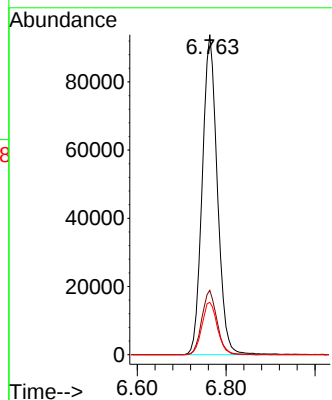
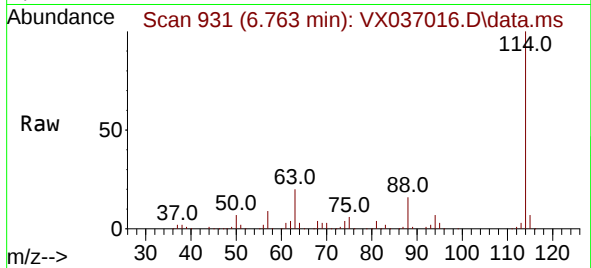




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX037016.D
Acq: 16 Aug 2023 14:35

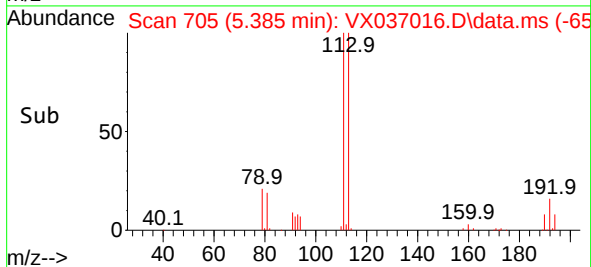
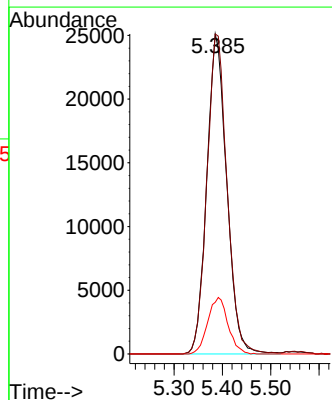
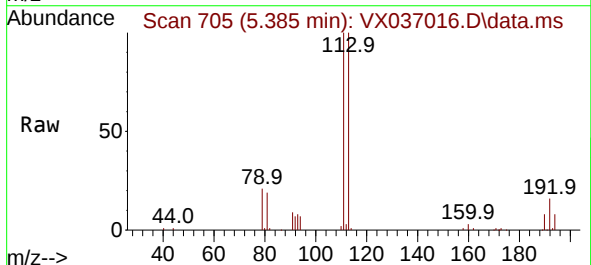
Instrument :
MSVOA_X
ClientSampleId :
TT15811-20230815

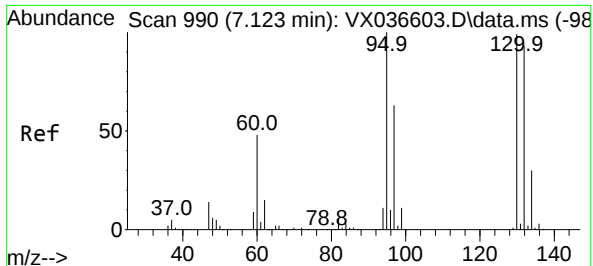
Tgt Ion:114 Resp: 221346
Ion Ratio Lower Upper
114 100
63 20.1 0.0 45.0
88 16.4 0.0 36.6



#35
Dibromofluoromethane
Concen: 47.181 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX037016.D
Acq: 16 Aug 2023 14:35

Tgt Ion:113 Resp: 71782
Ion Ratio Lower Upper
113 100
111 101.4 82.9 124.3
192 18.0 13.3 19.9

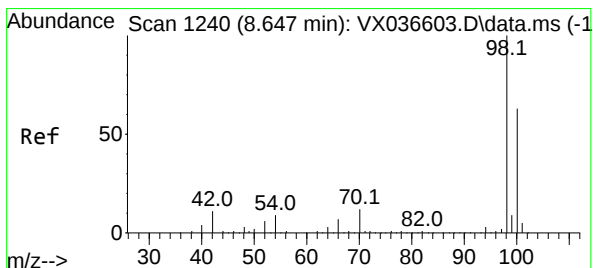
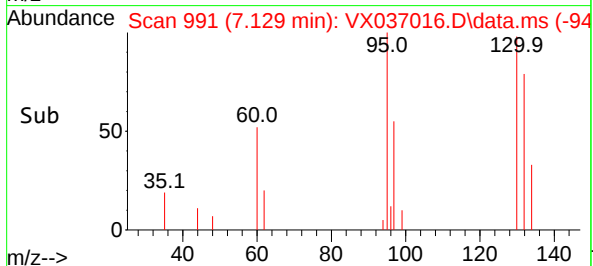
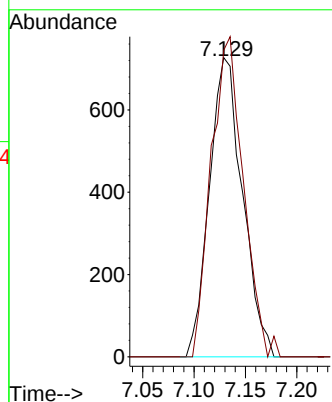
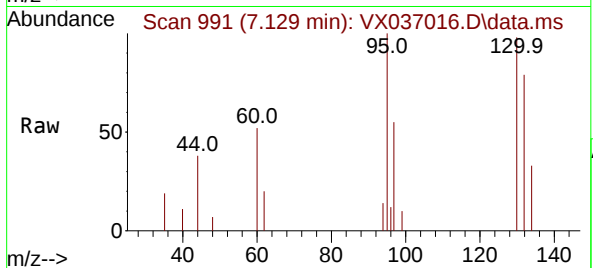




#44
Trichloroethene
Concen: 0.946 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX037016.D
Acq: 16 Aug 2023 14:35

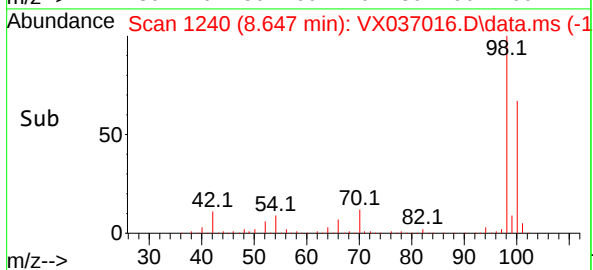
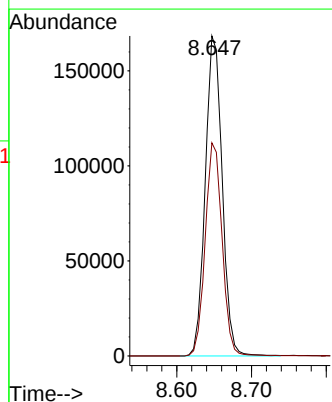
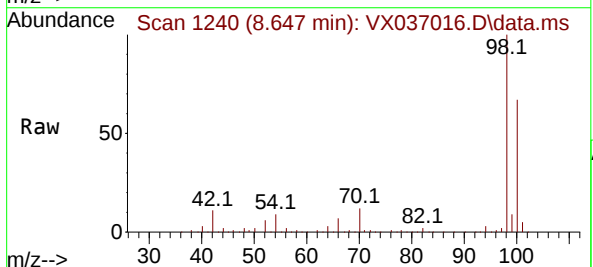
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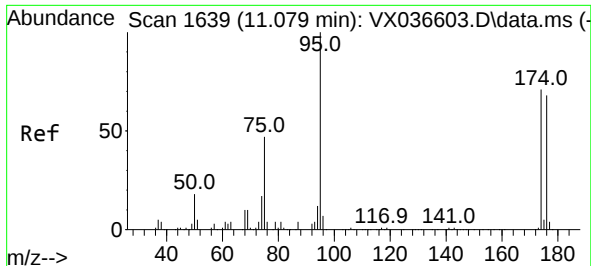
Tgt Ion:130 Resp: 1632
Ion Ratio Lower Upper
130 100
95 102.5 0.0 204.4



#50
Toluene-d8
Concen: 49.130 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX037016.D
Acq: 16 Aug 2023 14:35

Tgt Ion: 98 Resp: 265068
Ion Ratio Lower Upper
98 100
100 66.6 53.1 79.7





#62

4-Bromofluorobenzene

Concen: 52.557 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX037016.D

Acq: 16 Aug 2023 14:35

Instrument :

MSVOA_X

ClientSampleId :

TT15811-20230815

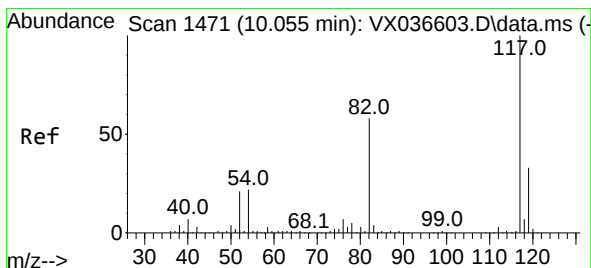
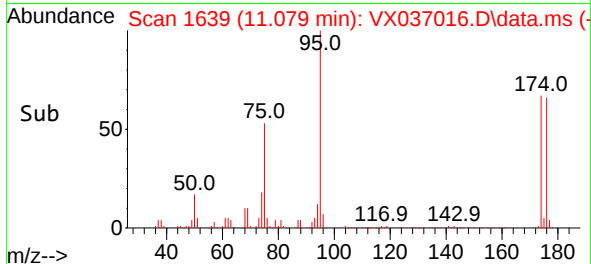
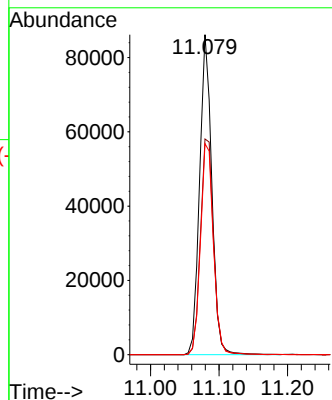
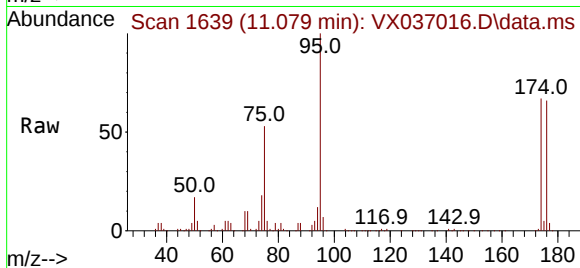
Tgt Ion: 95 Resp: 106981

Ion Ratio Lower Upper

95 100

174 72.2 0.0 135.6

176 69.8 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: VX037016.D

Acq: 16 Aug 2023 14:35

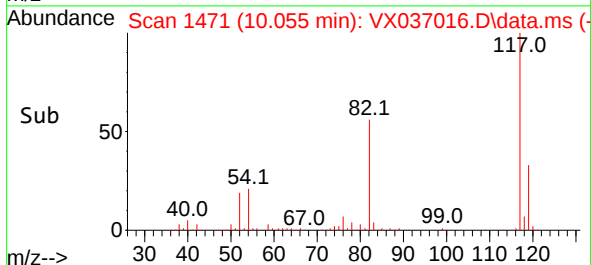
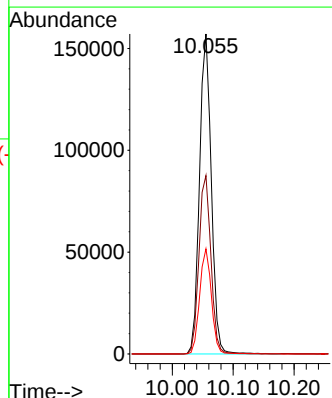
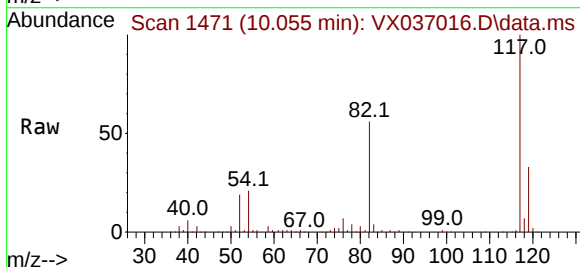
Tgt Ion: 117 Resp: 210630

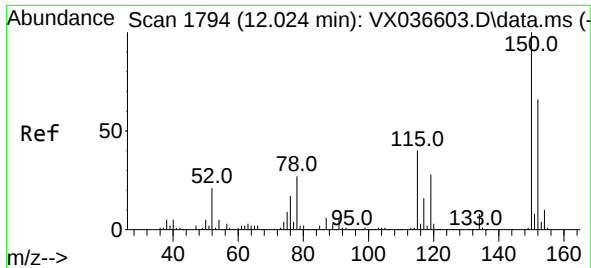
Ion Ratio Lower Upper

117 100

82 55.8 46.2 69.4

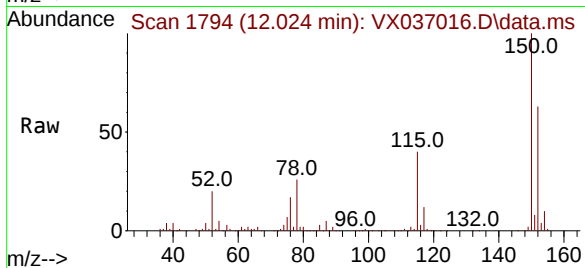
119 32.8 25.5 38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX037016.D
 Acq: 16 Aug 2023 14:35

Instrument :
 MSVOA_X
 ClientSampleId :
 TT15811-20230815



Tgt Ion:152 Resp: 96777
 Ion Ratio Lower Upper
 152 100
 115 63.7 43.3 129.9
 150 157.8 0.0 345.0

