

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX083023\
 Data File : VX037419.D
 Acq On : 31 Aug 2023 10:15
 Operator : JC/MD
 Sample : 04128-13
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RW9-MW01D2-20230822

Quant Time: Aug 31 18:23:39 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)

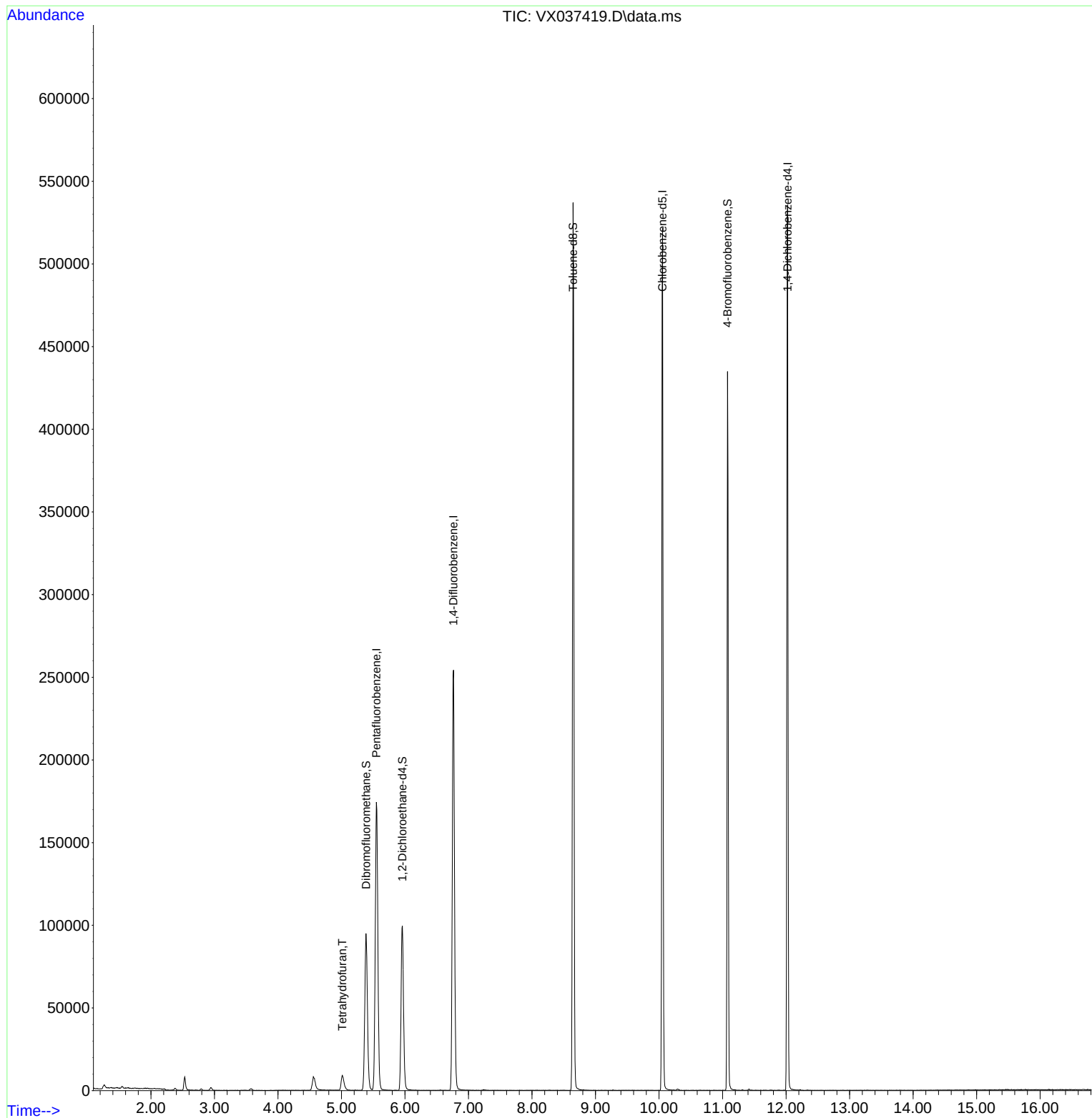
Internal Standards						
1) Pentafluorobenzene	5.550	168	163683	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	271097	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	248559	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	116837	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	100381	42.538	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	85.080%
35) Dibromofluoromethane	5.385	113	84459	47.042	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.080%
50) Toluene-d8	8.647	98	320392	49.195	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.400%
62) 4-Bromofluorobenzene	11.079	95	120104	46.927	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.860%
Target Compounds						
29) Tetrahydrofuran	5.013	42	8312	9.377	ug/l	Qvalue # 82

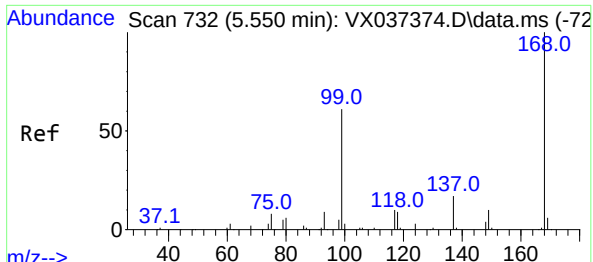
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1
Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.000 min

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MSVOA_X

ClientSampleId :

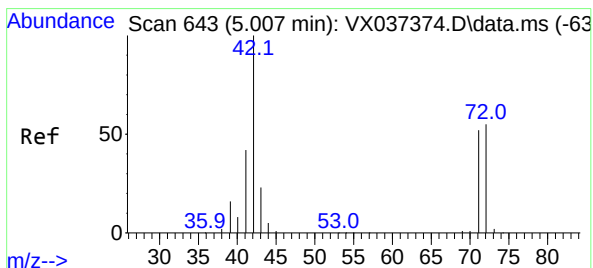
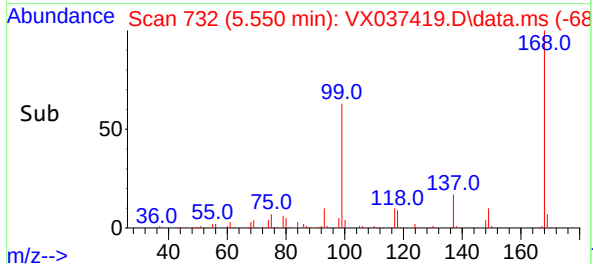
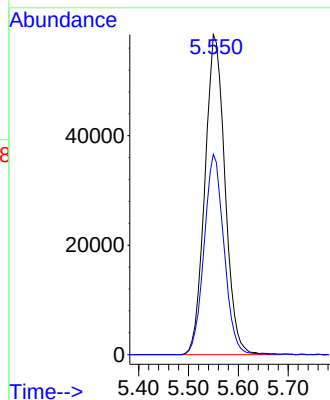
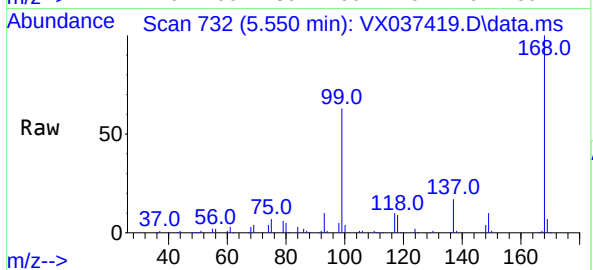
RW9-MW01D2-20230822

Tgt Ion:168 Resp: 163683

Ion Ratio Lower Upper

168 100

99 62.6 56.6 85.0



#29

Tetrahydrofuran

Concen: 9.377 ug/l

RT: 5.013 min Scan# 644

Delta R.T. 0.006 min

Lab File: VX037419.D

Acq: 31 Aug 2023 10:15

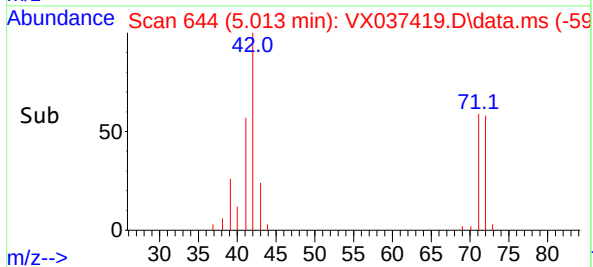
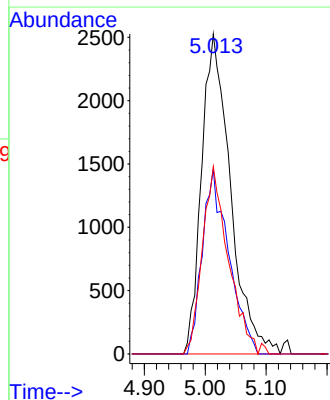
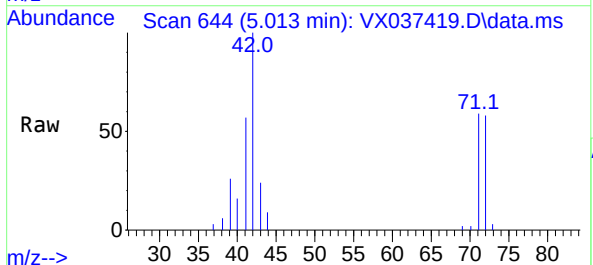
Tgt Ion: 42 Resp: 8312

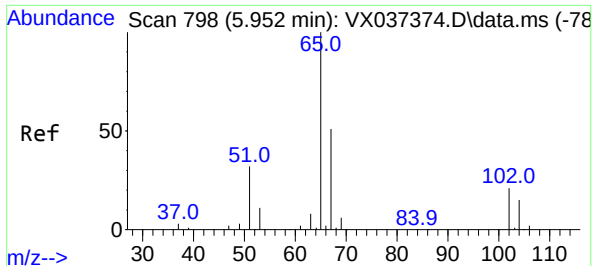
Ion Ratio Lower Upper

42 100

72 53.1 34.2 51.4#

71 52.6 32.2 48.2#

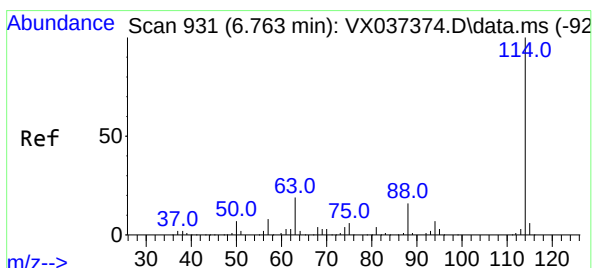
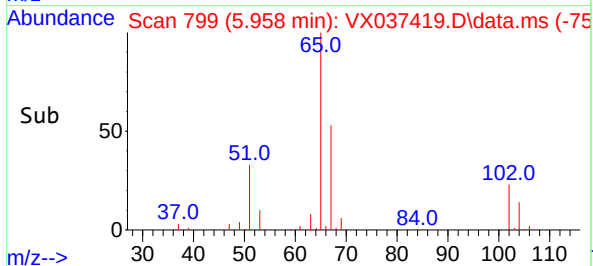
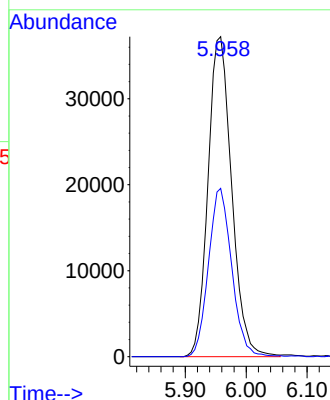
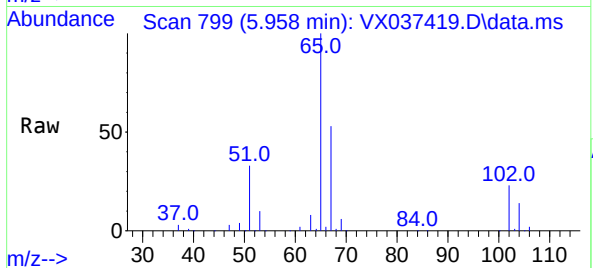




#33
1,2-Dichloroethane-d4
Concen: 42.538 ug/l
RT: 5.958 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX037419.D
Acq: 31 Aug 2023 10:15

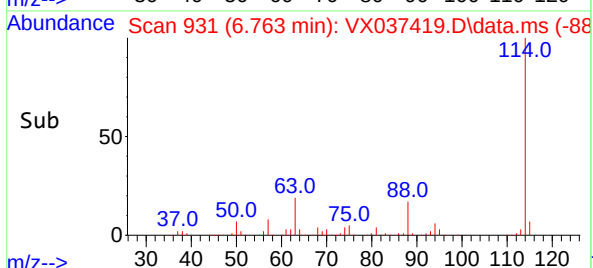
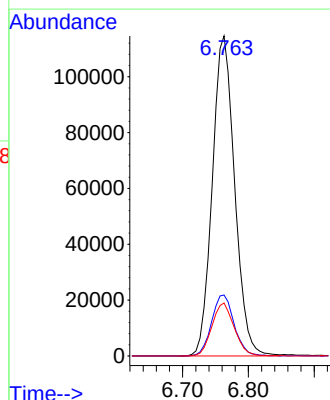
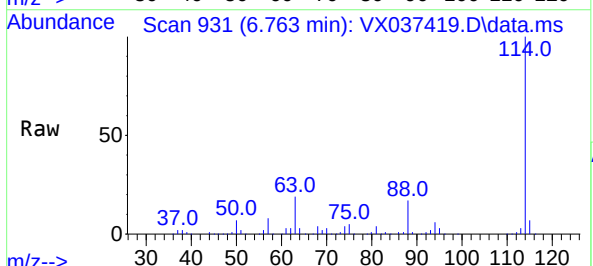
Instrument :
MSVOA_X
ClientSampleId :
RW9-MW01D2-20230822

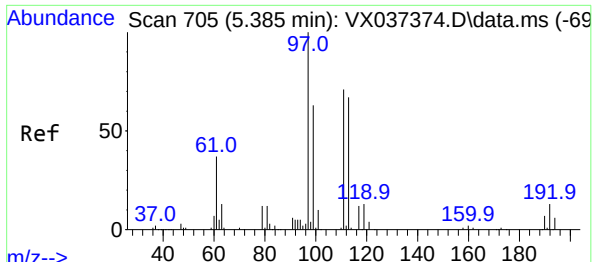
Tgt Ion: 65 Resp: 100381
Ion Ratio Lower Upper
65 100
67 51.7 0.0 100.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX037419.D
Acq: 31 Aug 2023 10:15

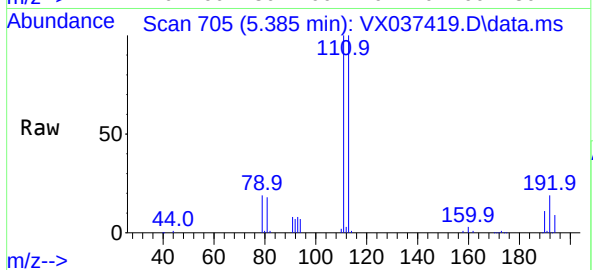
Tgt Ion: 114 Resp: 271097
Ion Ratio Lower Upper
114 100
63 19.1 0.0 45.0
88 16.5 0.0 36.6



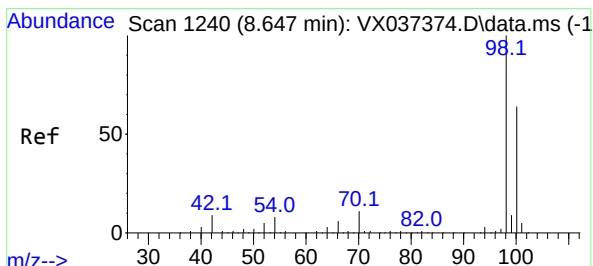
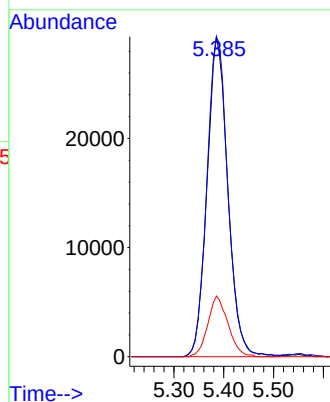
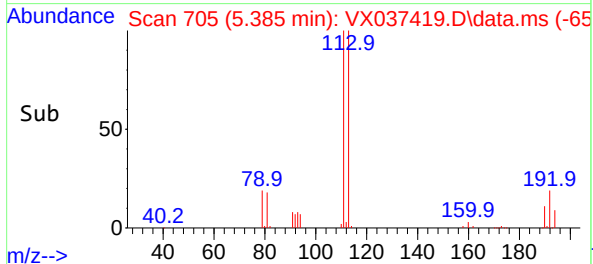


#35
Dibromofluoromethane
Concen: 47.042 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX037419.D
Acq: 31 Aug 2023 10:15

Instrument :
MSVOA_X
ClientSampleId :
RW9-MW01D2-20230822

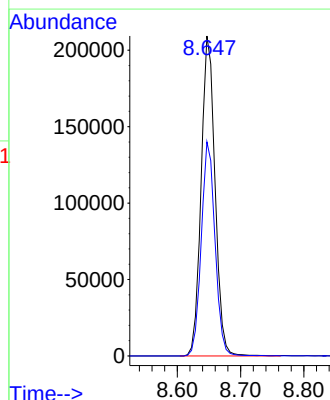
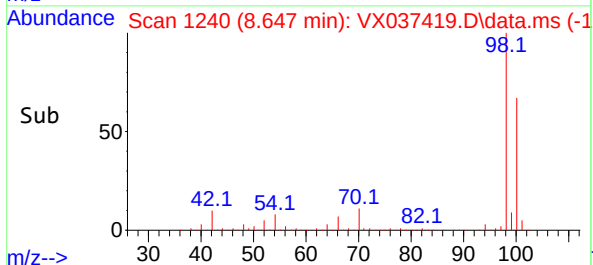
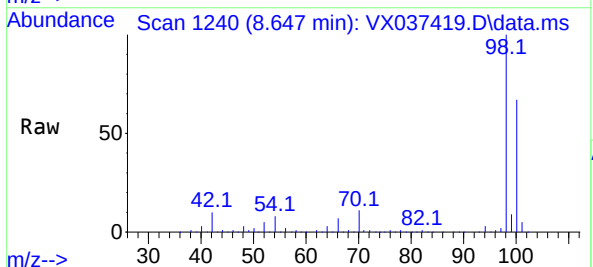


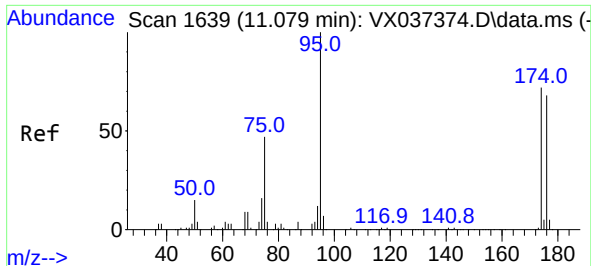
Tgt Ion:113 Resp: 84459
Ion Ratio Lower Upper
113 100
111 101.7 82.9 124.3
192 18.5 13.3 19.9



#50
Toluene-d8
Concen: 49.195 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX037419.D
Acq: 31 Aug 2023 10:15

Tgt Ion: 98 Resp: 320392
Ion Ratio Lower Upper
98 100
100 66.4 53.1 79.7

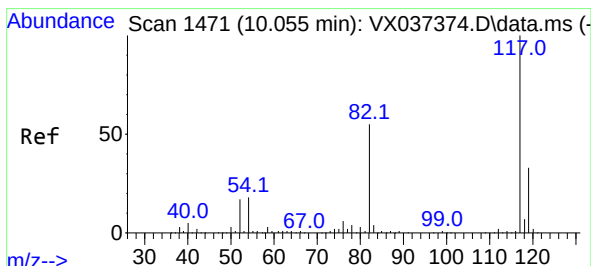
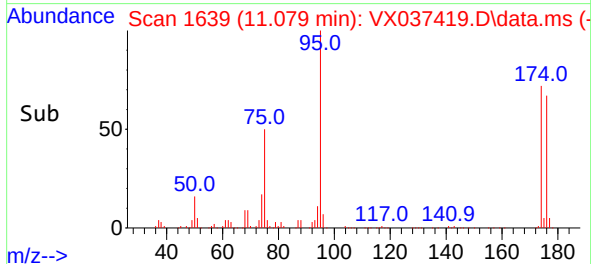
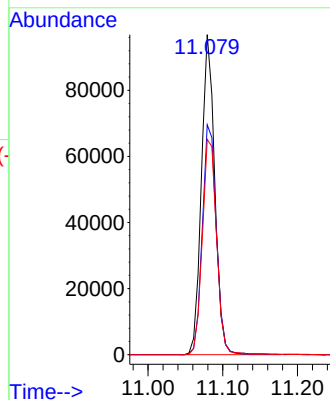
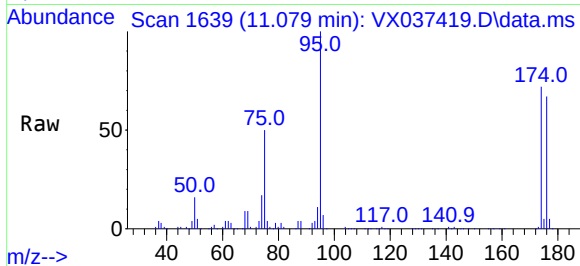




#62
4-Bromofluorobenzene
Concen: 46.927 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX037419.D
Acq: 31 Aug 2023 10:15

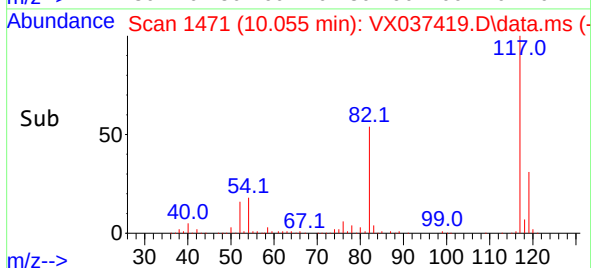
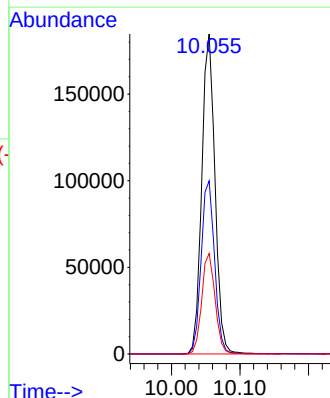
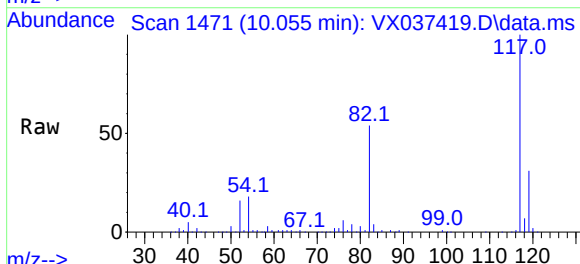
Instrument :
MSVOA_X
ClientSampleId :
RW9-MW01D2-20230822

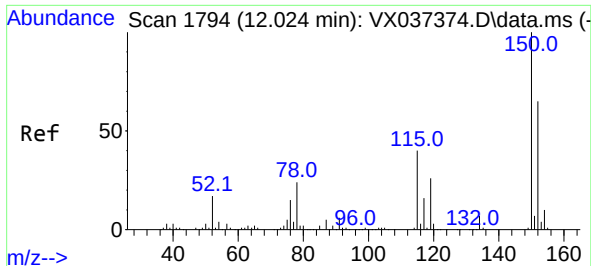
Tgt Ion: 95 Resp: 120104
Ion Ratio Lower Upper
95 100
174 75.2 0.0 135.6
176 71.7 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037419.D
Acq: 31 Aug 2023 10:15

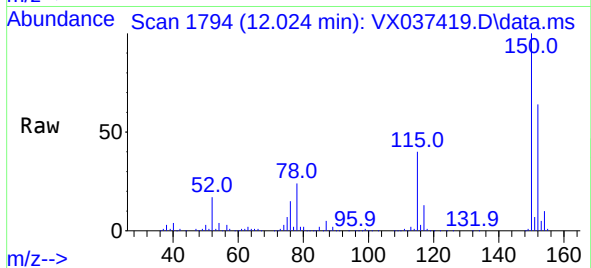
Tgt Ion: 117 Resp: 248559
Ion Ratio Lower Upper
117 100
82 54.1 46.2 69.4
119 31.4 25.5 38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX037419.D
 Acq: 31 Aug 2023 10:15

Instrument :
 MSVOA_X
 ClientSampleId :
 RW9-MW01D2-20230822



Tgt Ion:152 Resp: 116837
 Ion Ratio Lower Upper
 152 100
 115 63.5 43.3 129.9
 150 157.7 0.0 345.0

