

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX083023\
 Data File : VX037418.D
 Acq On : 31 Aug 2023 09:51
 Operator : JC/MD
 Sample : 04128-12
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RW9-MW01D3-20230822

Quant Time: Aug 31 18:23:30 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	154168	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	255138	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	231829	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	110274	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	95326	42.889	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	85.780%
35) Dibromofluoromethane	5.385	113	79145	46.839	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.680%
50) Toluene-d8	8.647	98	300736	49.066	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.140%
62) 4-Bromofluorobenzene	11.079	95	112273	46.611	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.220%

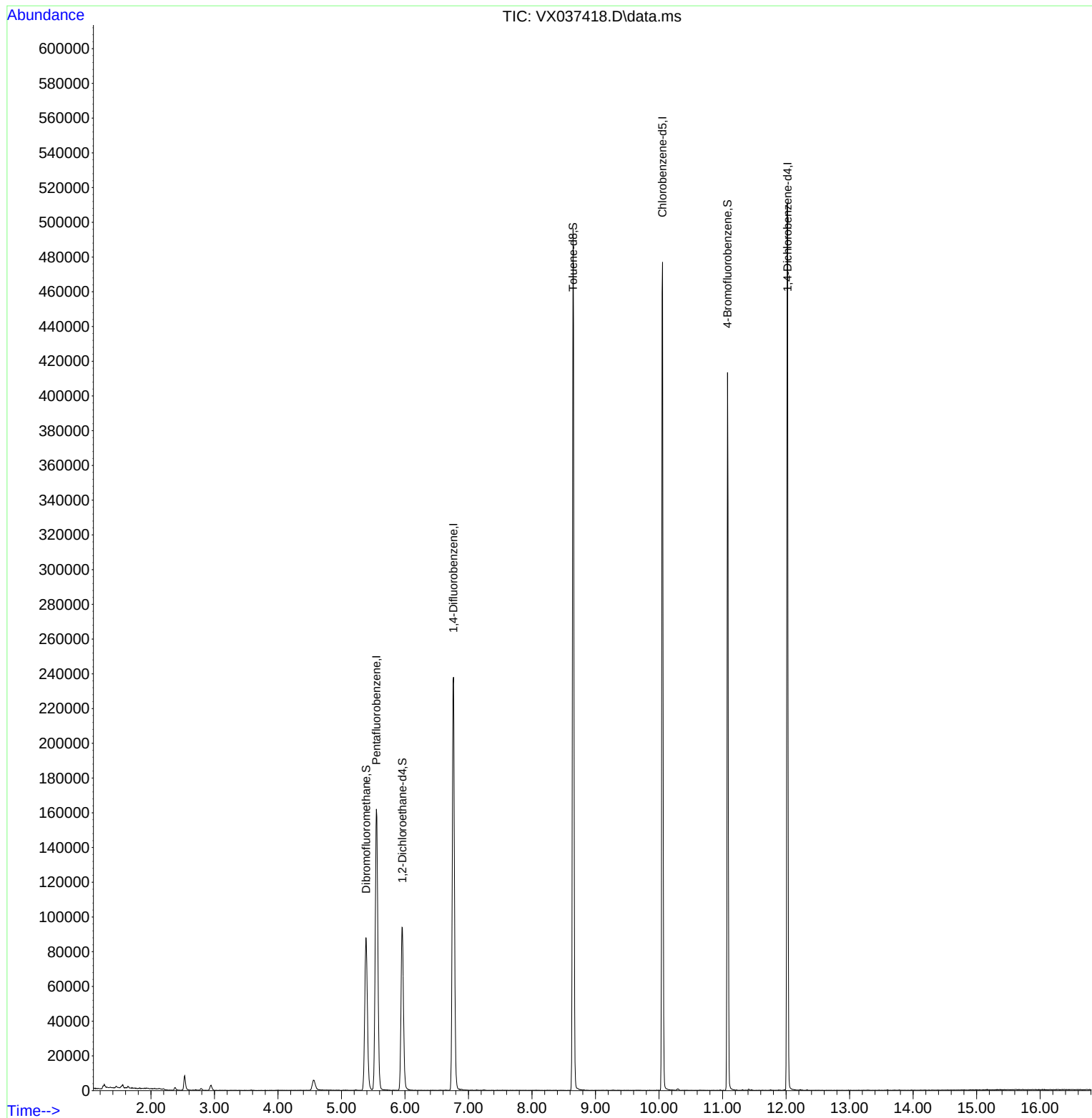
Target Compounds	Qvalue

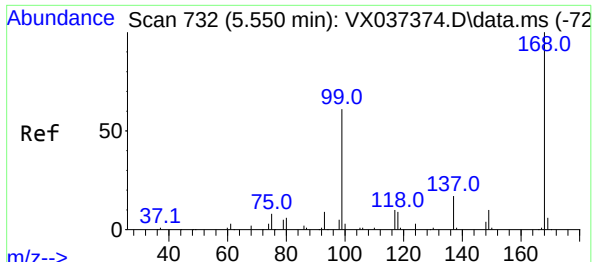
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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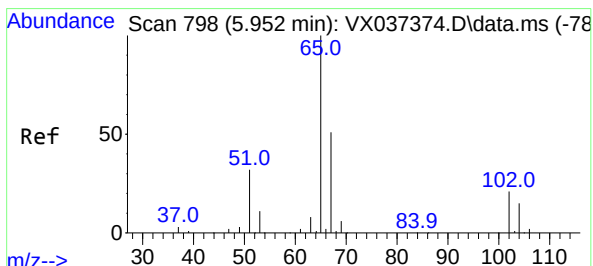
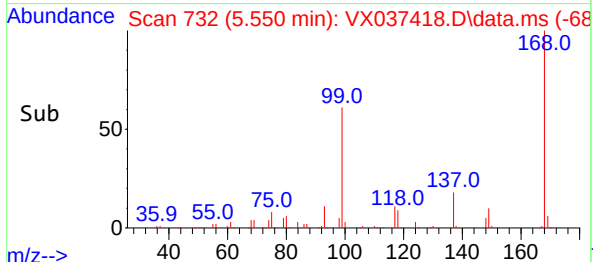
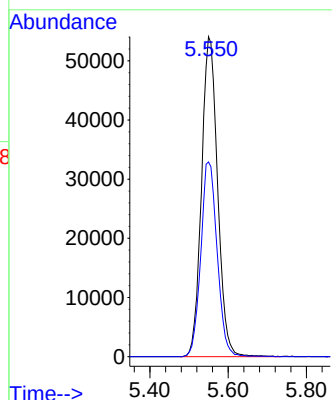
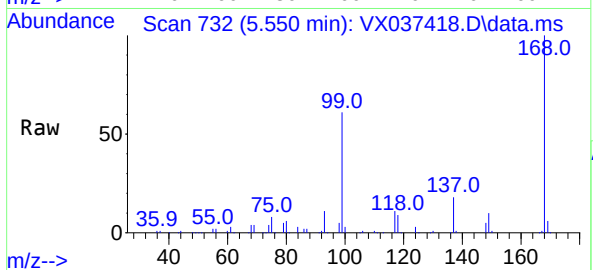




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX037418.D
Acq: 31 Aug 2023 09:51

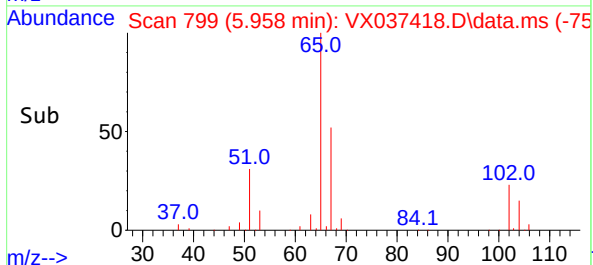
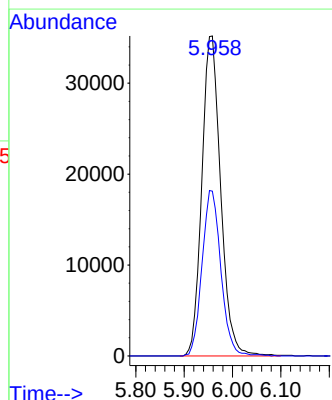
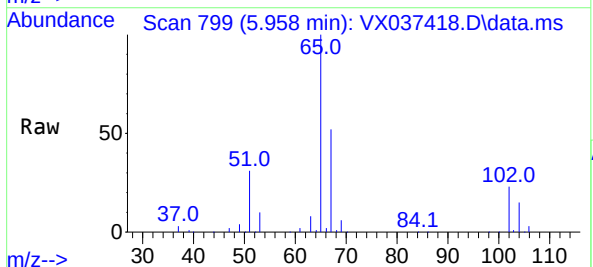
Instrument :
MSVOA_X
ClientSampleId :
RW9-MW01D3-20230822

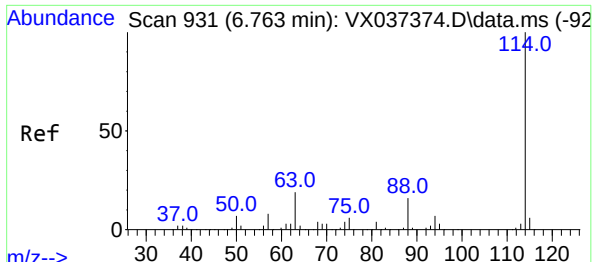
Tgt Ion:168 Resp: 154168
Ion Ratio Lower Upper
168 100
99 60.8 56.6 85.0



#33
1,2-Dichloroethane-d4
Concen: 42.889 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX037418.D
Acq: 31 Aug 2023 09:51

Tgt Ion: 65 Resp: 95326
Ion Ratio Lower Upper
65 100
67 51.4 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: VX037418.D

Acq: 31 Aug 2023 09:51

Instrument :

MSVOA_X

ClientSampleId :

RW9-MW01D3-20230822

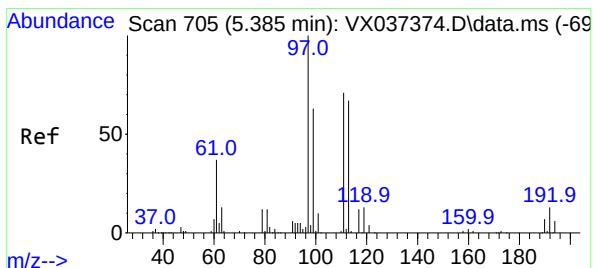
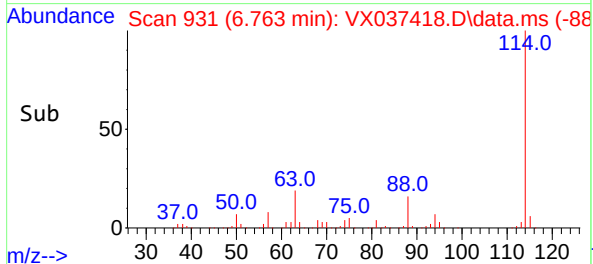
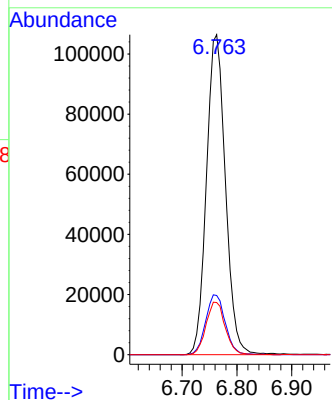
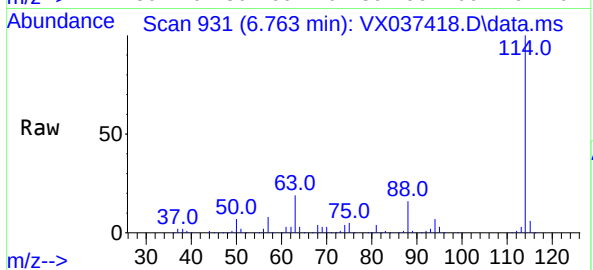
Tgt Ion:114 Resp: 255138

Ion Ratio Lower Upper

114 100

63 18.5 0.0 45.0

88 16.3 0.0 36.6



#35

Dibromofluoromethane

Concen: 46.839 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX037418.D

Acq: 31 Aug 2023 09:51

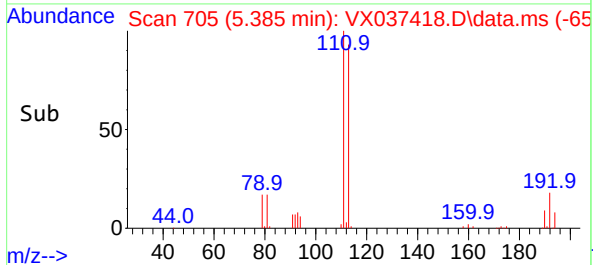
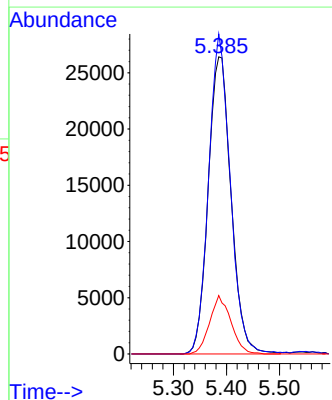
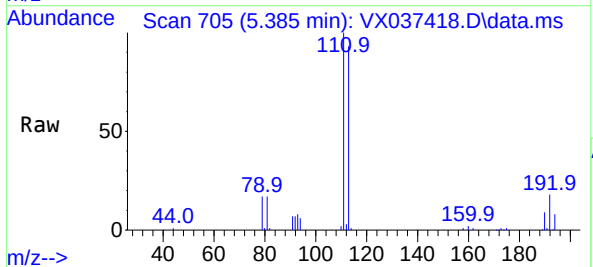
Tgt Ion:113 Resp: 79145

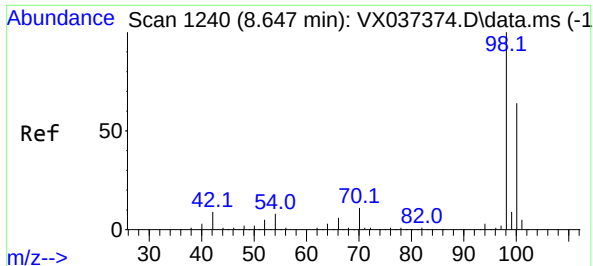
Ion Ratio Lower Upper

113 100

111 101.9 82.9 124.3

192 18.3 13.3 19.9

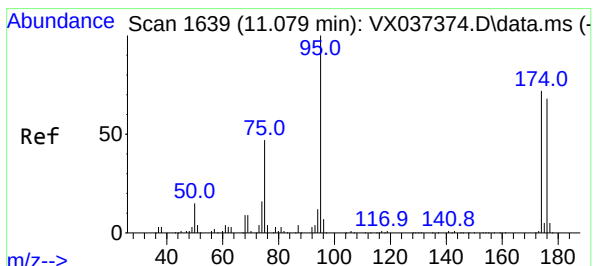
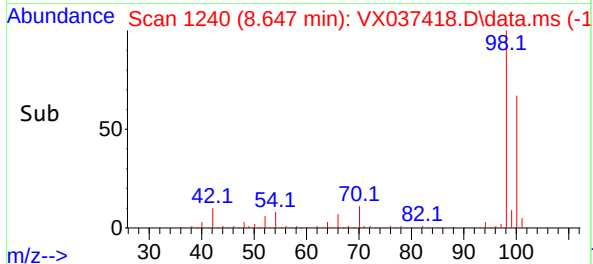
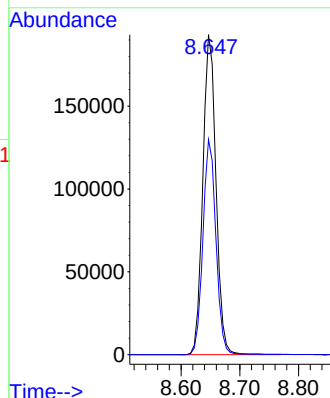
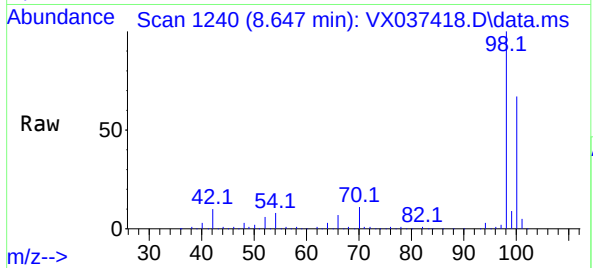




#50
Toluene-d8
Concen: 49.066 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX037418.D
Acq: 31 Aug 2023 09:51

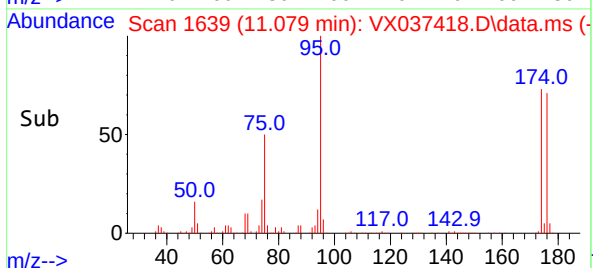
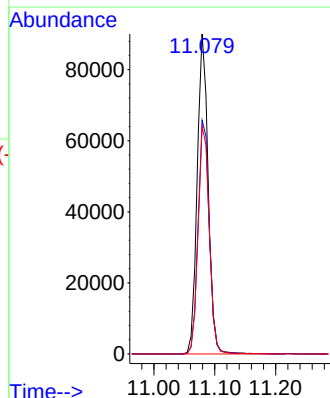
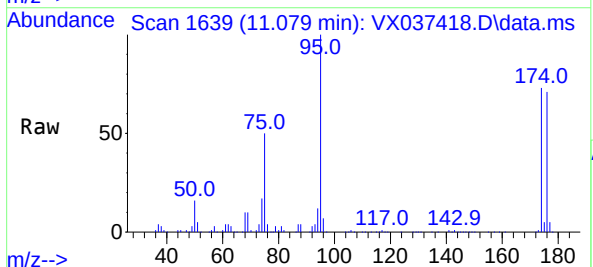
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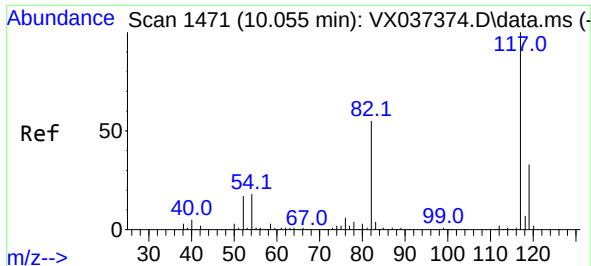
Tgt Ion: 98 Resp: 300736
Ion Ratio Lower Upper
98 100
100 66.7 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 46.611 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037418.D
Acq: 31 Aug 2023 09:51

Tgt Ion: 95 Resp: 112273
Ion Ratio Lower Upper
95 100
174 74.7 0.0 135.6
176 72.6 0.0 131.0

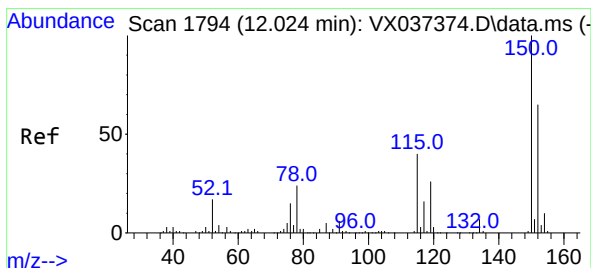
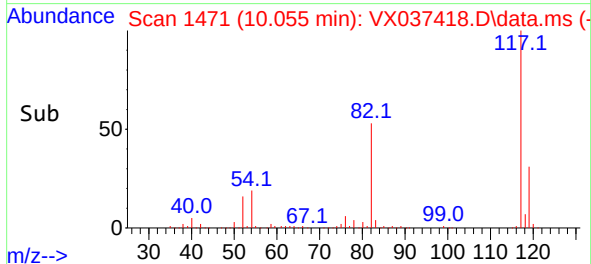
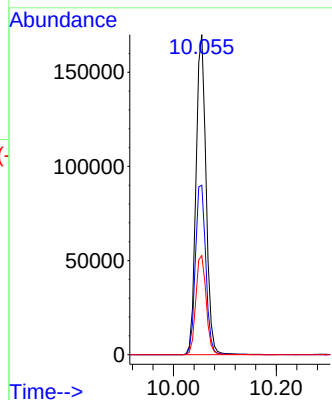
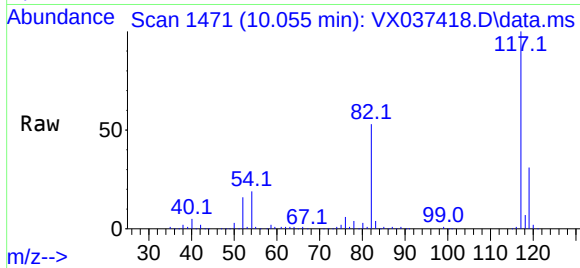




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037418.D
Acq: 31 Aug 2023 09:51

Instrument :
MSVOA_X
ClientSampleId :
RW9-MW01D3-20230822

Tgt Ion:117 Resp: 231829
Ion Ratio Lower Upper
117 100
82 52.9 46.2 69.4
119 31.0 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX037418.D
Acq: 31 Aug 2023 09:51

Tgt Ion:152 Resp: 110274
Ion Ratio Lower Upper
152 100
115 63.1 43.3 129.9
150 157.6 0.0 345.0

