

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092223\
 Data File : VX037869.D
 Acq On : 22 Sep 2023 11:22
 Operator : JC/MD
 Sample : 04566-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FB-9-20

Quant Time: Sep 23 01:23:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091523W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 16 04:55:44 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	221056	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	378317	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	363531	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	184571	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	139391	47.994	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.980%
35) Dibromofluoromethane	5.385	113	118228	46.706	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.420%
50) Toluene-d8	8.647	98	458370	48.734	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.460%
62) 4-Bromofluorobenzene	11.079	95	169512	49.597	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.200%

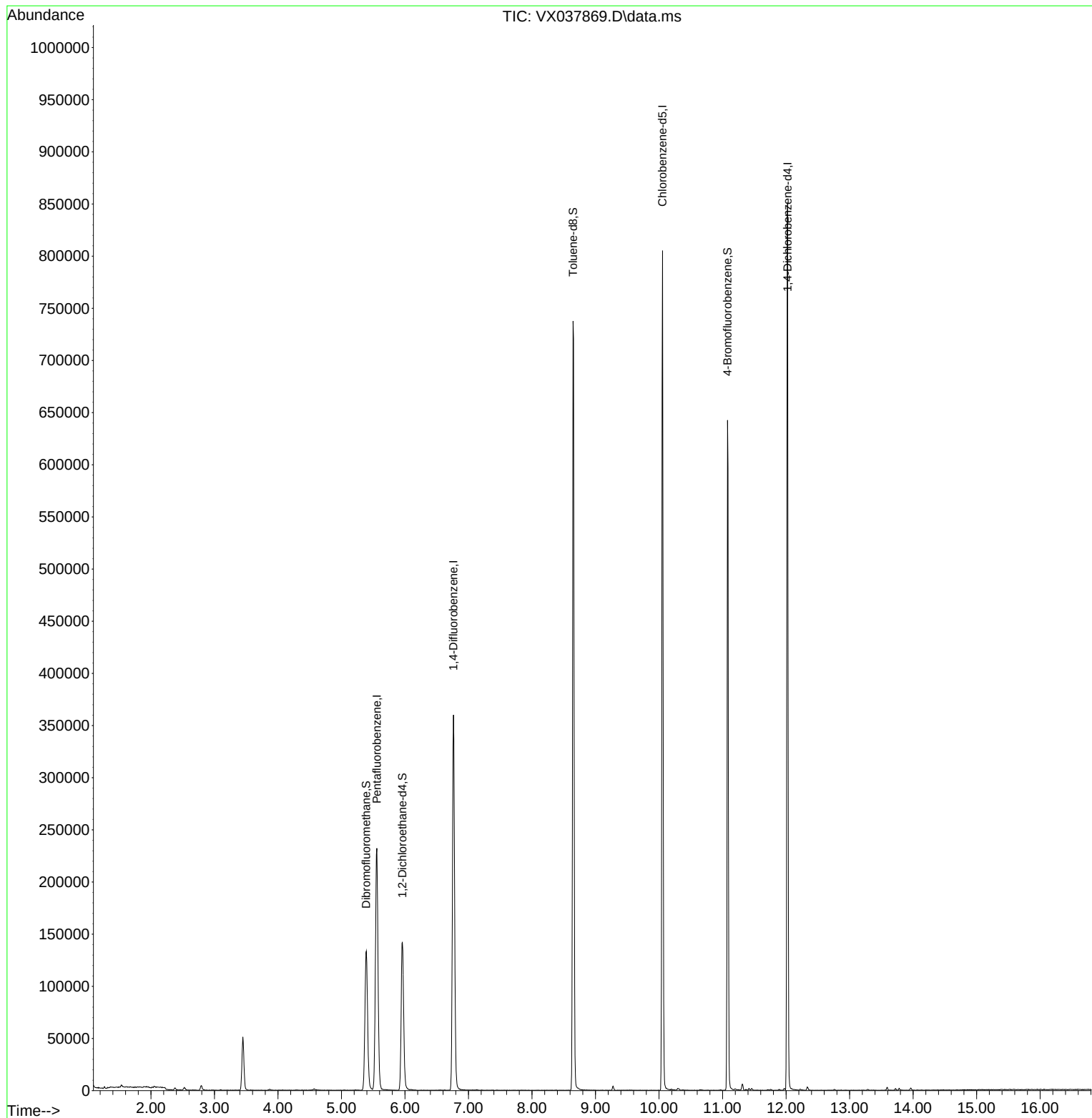
Target Compounds	Qvalue

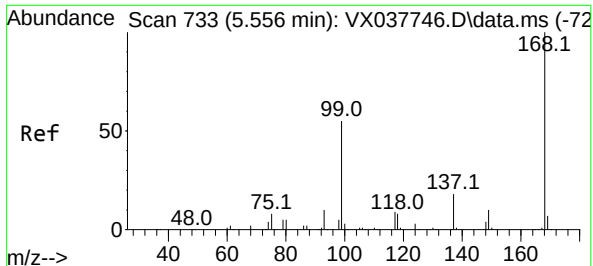
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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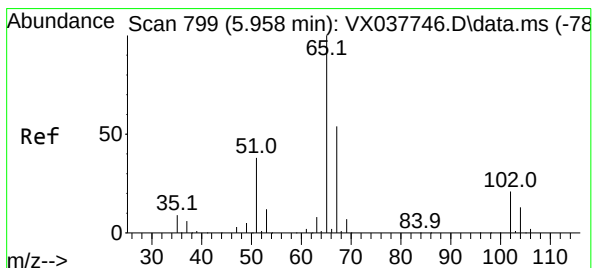
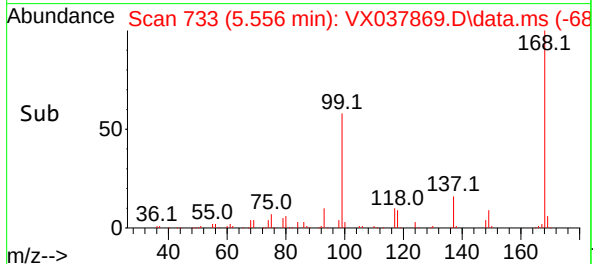
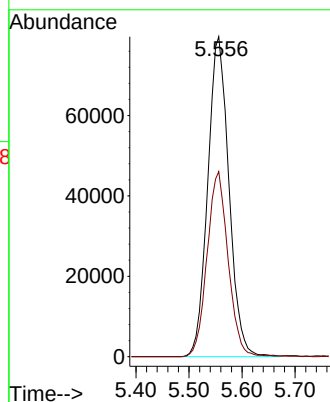
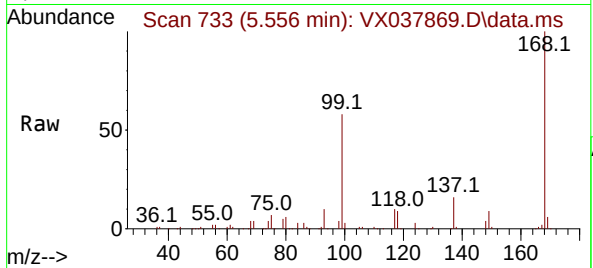




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 711
Delta R.T. 0.006 min
Lab File: VX037869.D
Acq: 22 Sep 2023 11:22

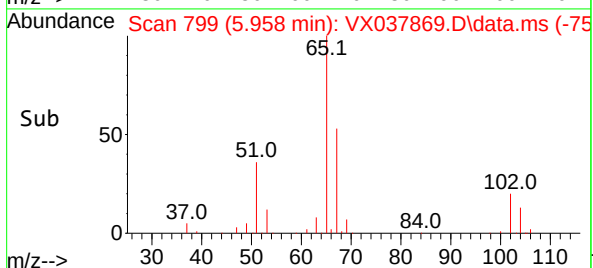
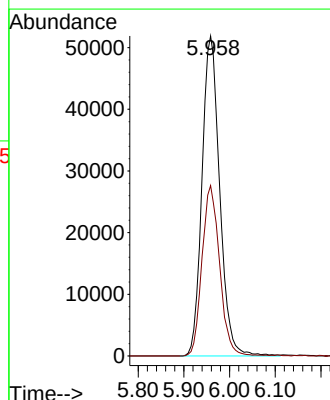
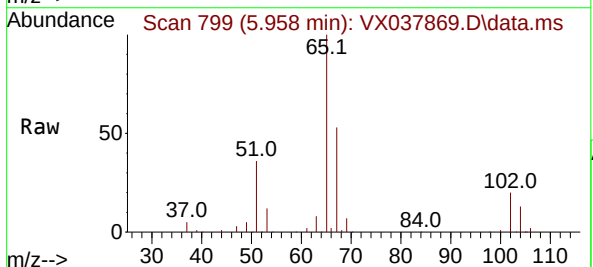
Instrument :
MSVOA_X
ClientSampleId :
FB-9-20

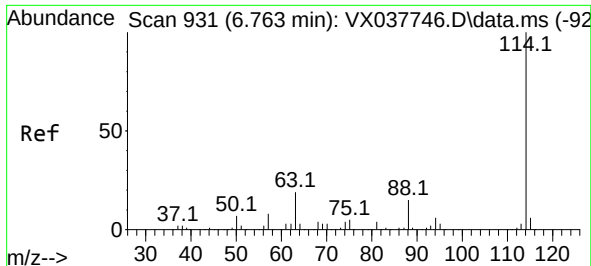
Tgt Ion:168 Resp: 221056
Ion Ratio Lower Upper
168 100
99 57.8 56.6 85.0



#33
1,2-Dichloroethane-d4
Concen: 47.994 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX037869.D
Acq: 22 Sep 2023 11:22

Tgt Ion: 65 Resp: 139391
Ion Ratio Lower Upper
65 100
67 53.0 0.0 100.2

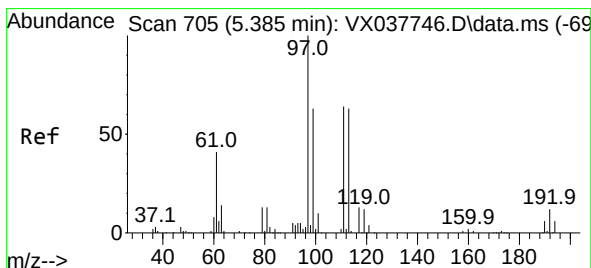
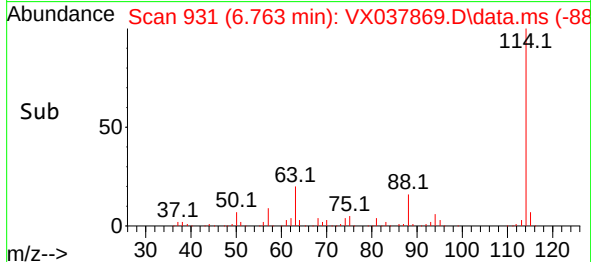
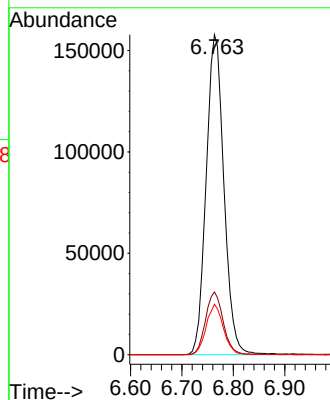
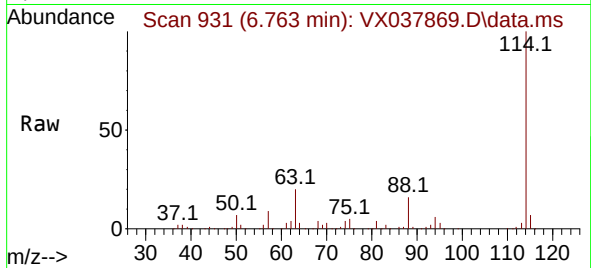




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX037869.D
Acq: 22 Sep 2023 11:22

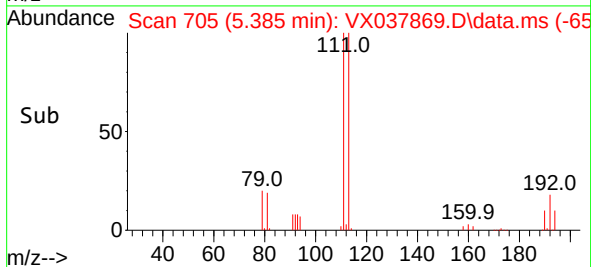
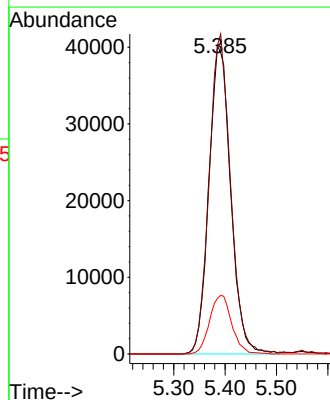
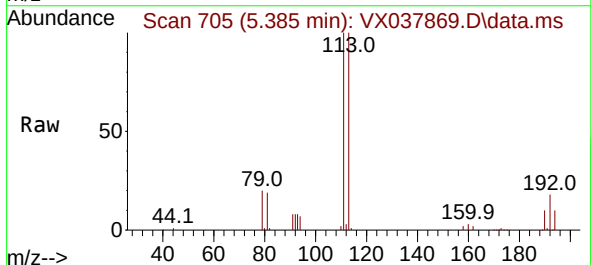
Instrument :
MSVOA_X
ClientSampleId :
FB-9-20

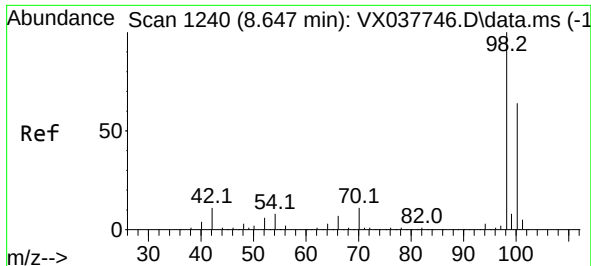
Tgt Ion:114 Resp: 378317
Ion Ratio Lower Upper
114 100
63 19.6 0.0 45.0
88 15.8 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.706 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX037869.D
Acq: 22 Sep 2023 11:22

Tgt Ion:113 Resp: 118228
Ion Ratio Lower Upper
113 100
111 102.3 82.9 124.3
192 19.3 13.3 19.9

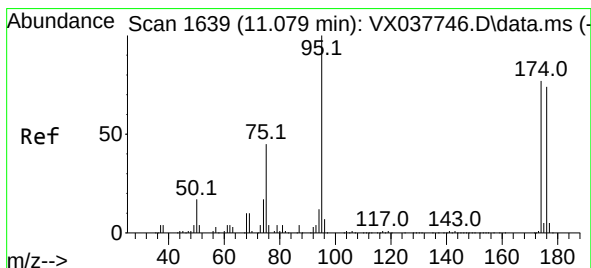
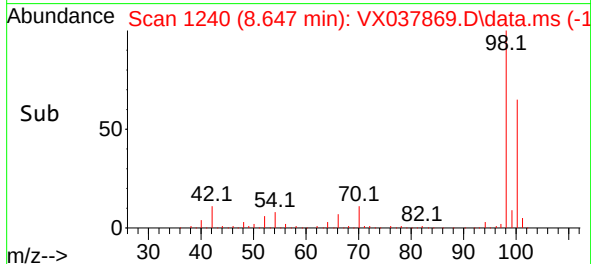
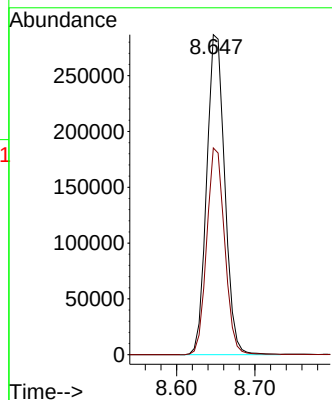
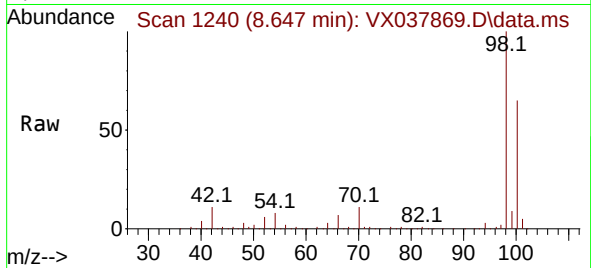




#50
Toluene-d8
Concen: 48.734 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX037869.D
Acq: 22 Sep 2023 11:22

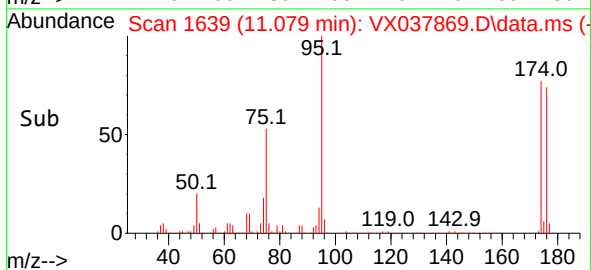
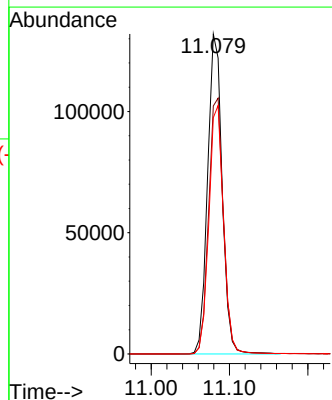
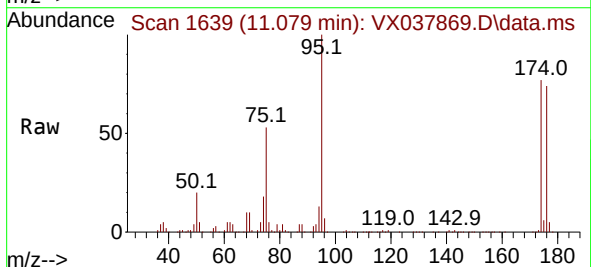
Instrument :
MSVOA_X
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FB-9-20

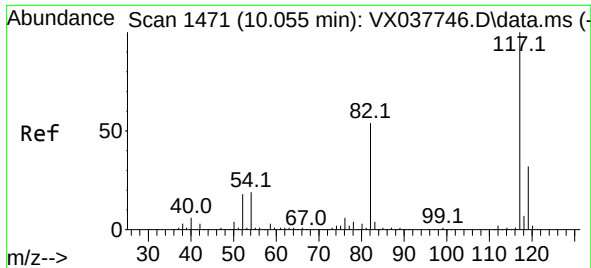
Tgt Ion: 98 Resp: 458370
Ion Ratio Lower Upper
98 100
100 64.2 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 49.597 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037869.D
Acq: 22 Sep 2023 11:22

Tgt Ion: 95 Resp: 169512
Ion Ratio Lower Upper
95 100
174 82.0 0.0 135.6
176 78.7 0.0 131.0

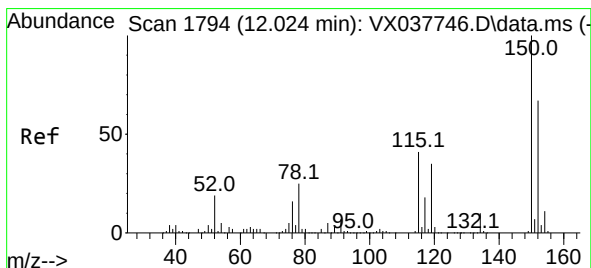
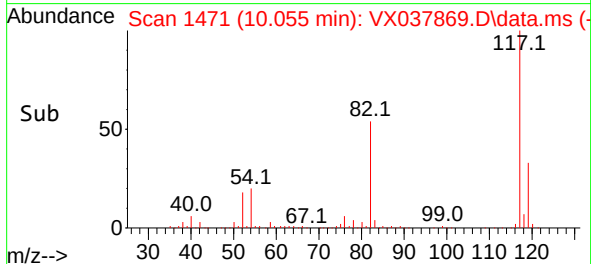
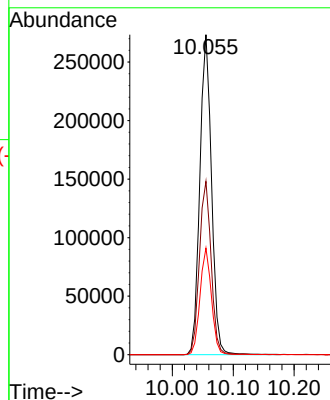
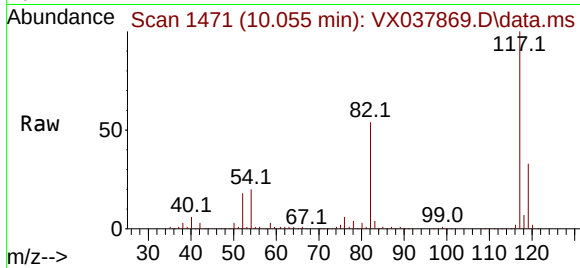




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037869.D
Acq: 22 Sep 2023 11:22

Instrument :
MSVOA_X
ClientSampleId :
FB-9-20

Tgt Ion:117 Resp: 363531
Ion Ratio Lower Upper
117 100
82 54.1 46.2 69.4
119 33.3 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: VX037869.D
Acq: 22 Sep 2023 11:22

Tgt Ion:152 Resp: 184571
Ion Ratio Lower Upper
152 100
115 60.5 43.3 129.9
150 156.9 0.0 345.0

