

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX083123\
 Data File : VX037445.D
 Acq On : 31 Aug 2023 21:08
 Operator : JC/MD
 Sample : 04251-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OW-03B-51.5-083023

Quant Time: Sep 01 03:17:42 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	144313	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	238384	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	214543	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	95160	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	88256	42.420	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	84.840%
35) Dibromofluoromethane	5.385	113	72427	45.876	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.760%
50) Toluene-d8	8.647	98	281134	49.091	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.180%
62) 4-Bromofluorobenzene	11.079	95	101261	44.994	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.980%

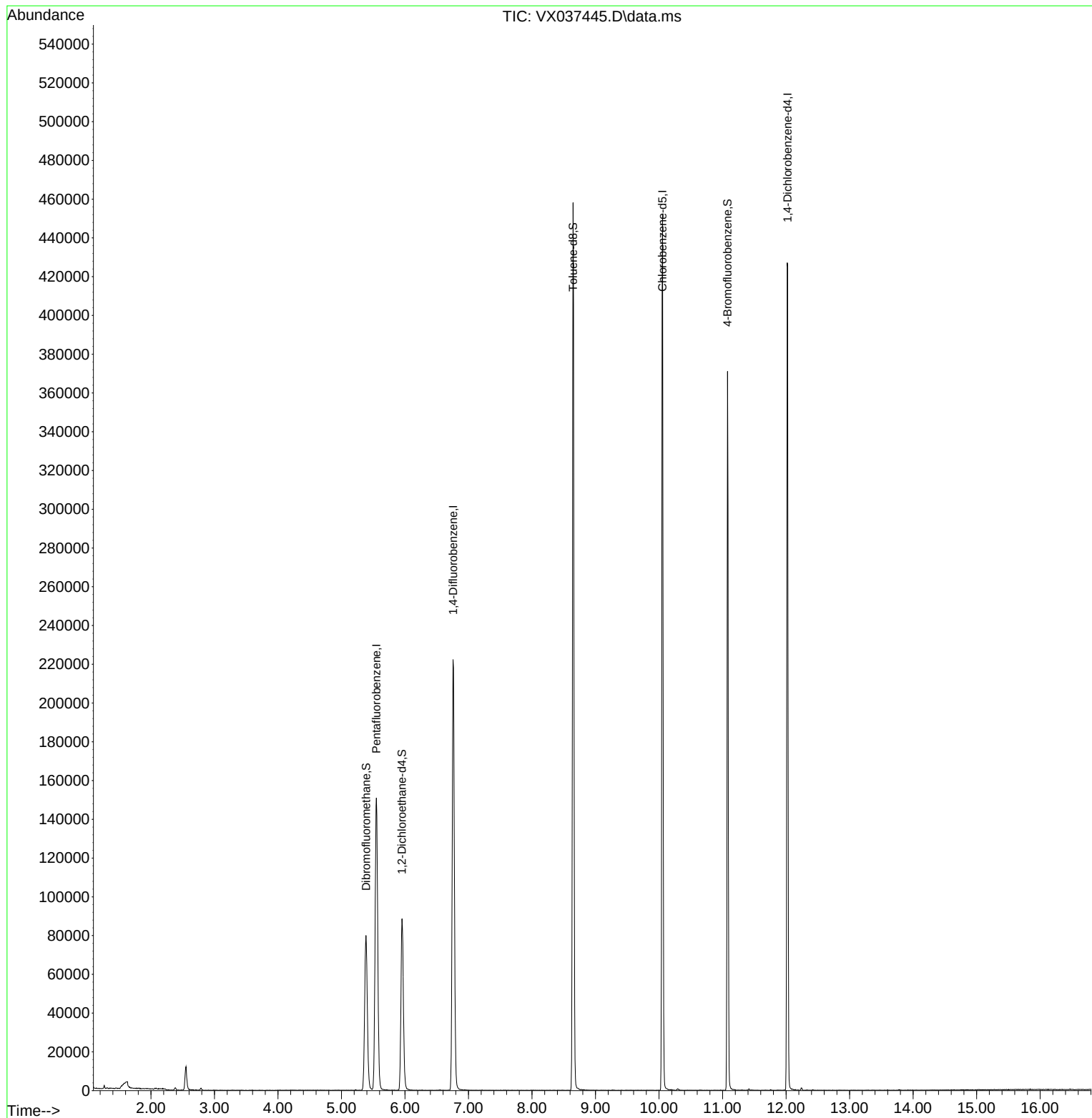
Target Compounds	Qvalue

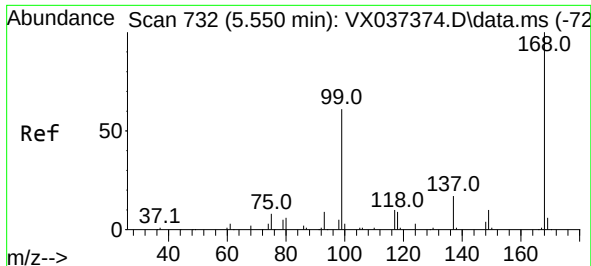
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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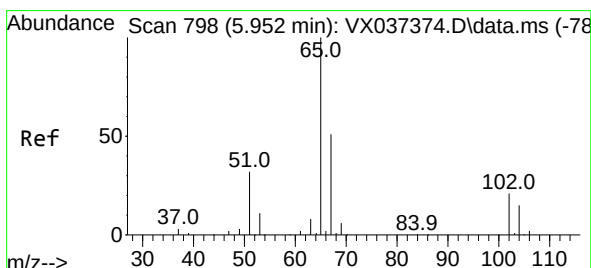
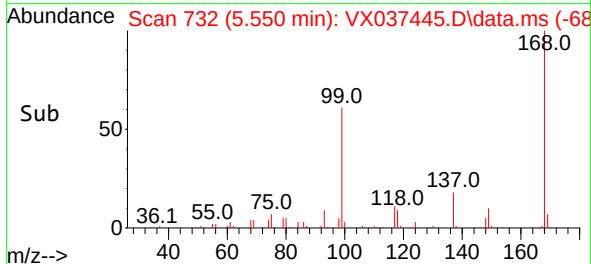
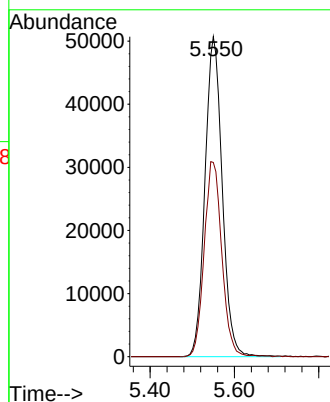
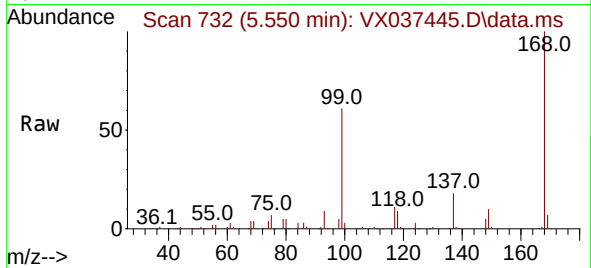




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 713
Delta R.T. -0.000 min
Lab File: VX037445.D
Acq: 31 Aug 2023 21:08

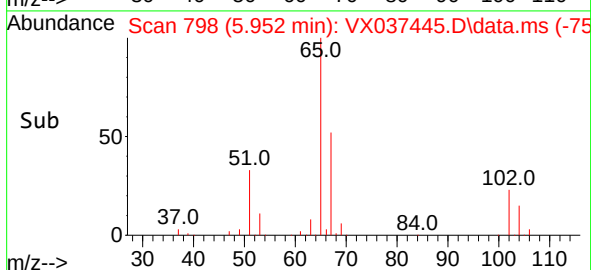
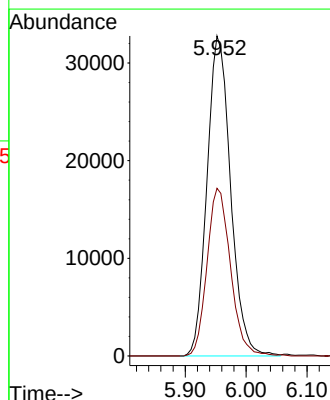
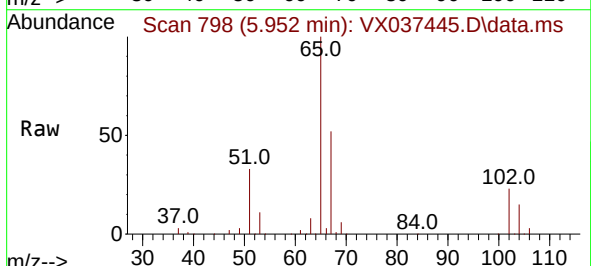
Instrument :
MSVOA_X
ClientSampleId :
OW-03B-51.5-083023

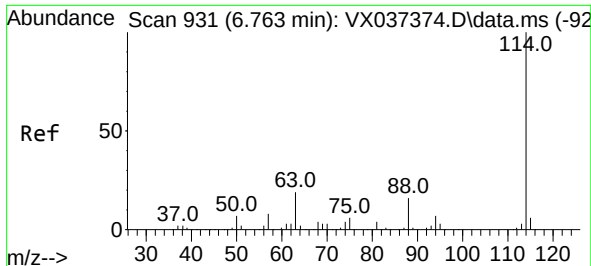
Tgt Ion:168 Resp: 144313
Ion Ratio Lower Upper
168 100
99 60.7 56.6 85.0



#33
1,2-Dichloroethane-d4
Concen: 42.420 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX037445.D
Acq: 31 Aug 2023 21:08

Tgt Ion: 65 Resp: 88256
Ion Ratio Lower Upper
65 100
67 52.2 0.0 100.2

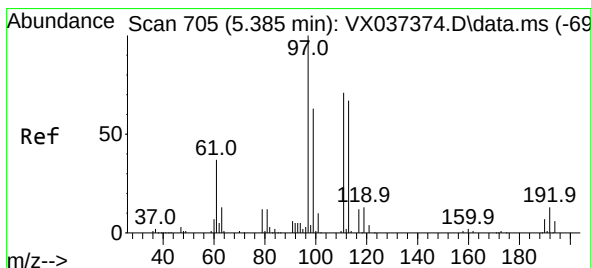
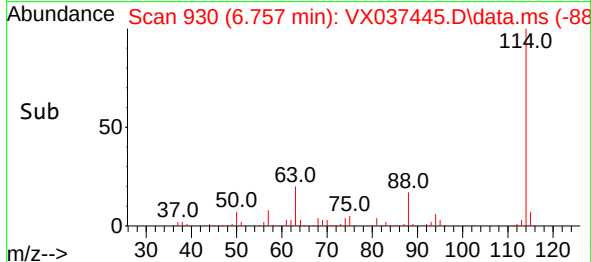
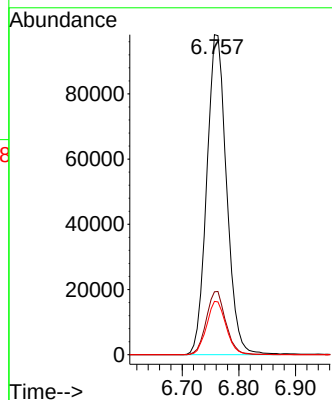
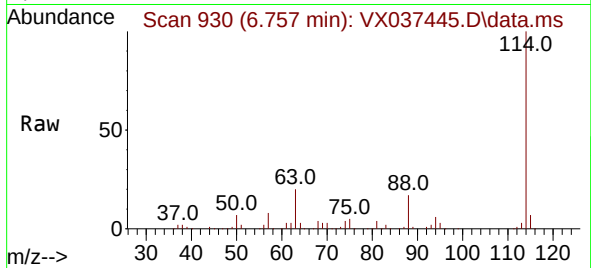




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX037445.D
Acq: 31 Aug 2023 21:08

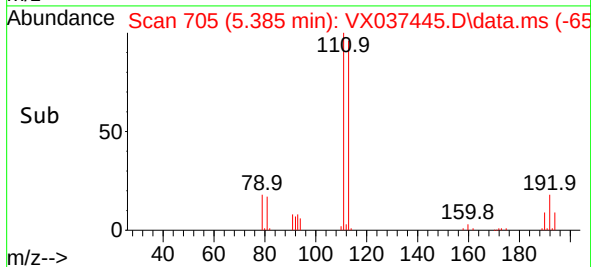
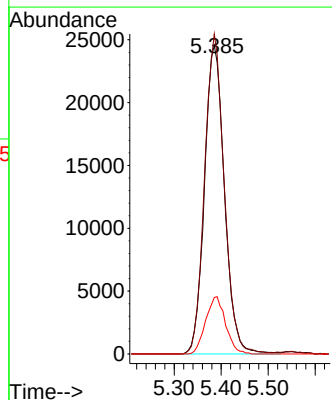
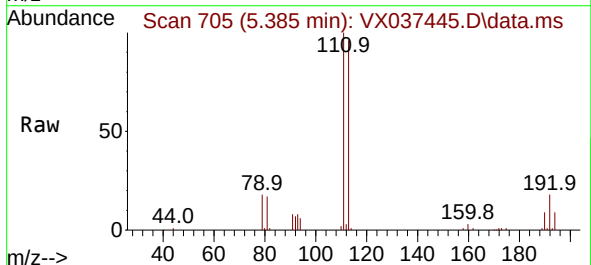
Instrument :
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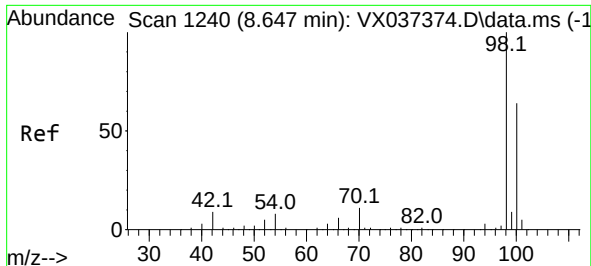
Tgt Ion:114 Resp: 238384
Ion Ratio Lower Upper
114 100
63 19.6 0.0 45.0
88 16.6 0.0 36.6



#35
Dibromofluoromethane
Concen: 45.876 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX037445.D
Acq: 31 Aug 2023 21:08

Tgt Ion:113 Resp: 72427
Ion Ratio Lower Upper
113 100
111 101.6 82.9 124.3
192 18.5 13.3 19.9

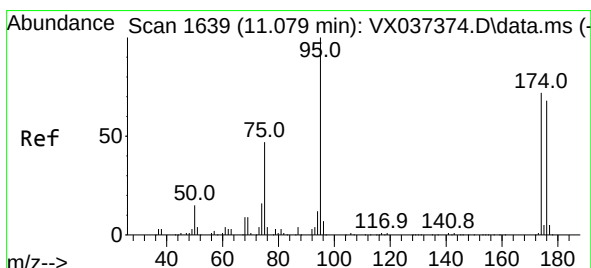
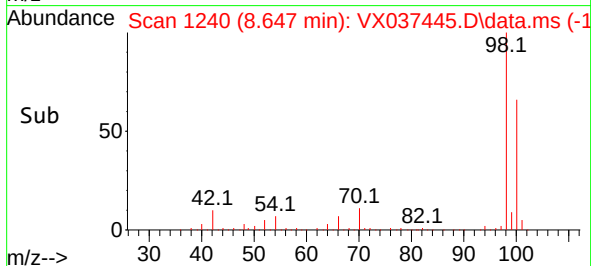
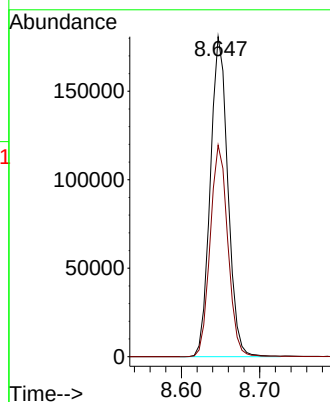
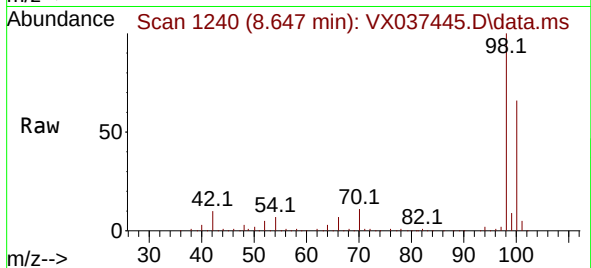




#50
Toluene-d8
Concen: 49.091 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX037445.D
Acq: 31 Aug 2023 21:08

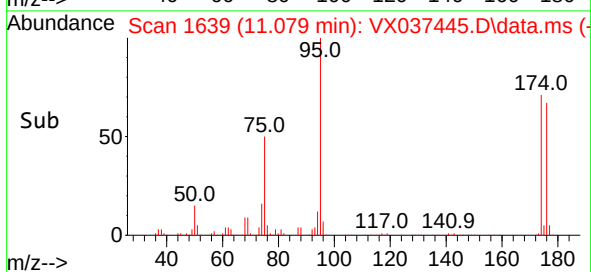
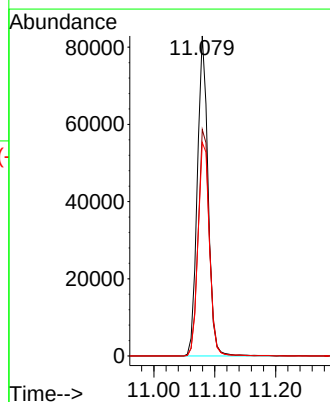
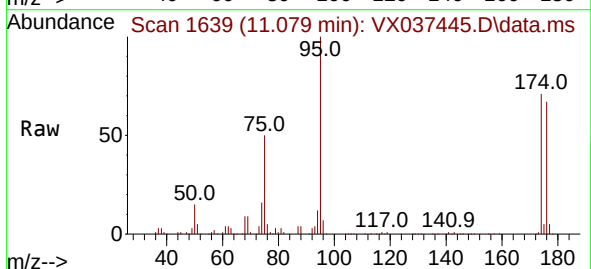
Instrument :
MSVOA_X
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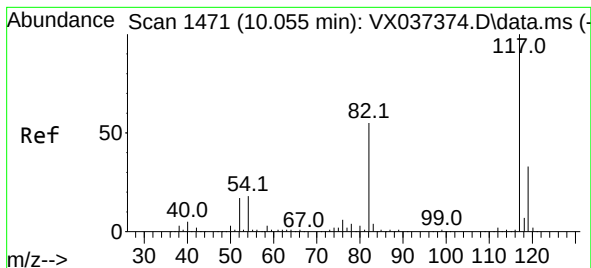
Tgt Ion: 98 Resp: 281134
Ion Ratio Lower Upper
98 100
100 66.6 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 44.994 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037445.D
Acq: 31 Aug 2023 21:08

Tgt Ion: 95 Resp: 101261
Ion Ratio Lower Upper
95 100
174 73.9 0.0 135.6
176 70.8 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: VX037445.D

Acq: 31 Aug 2023 21:08

Instrument :

MSVOA_X

ClientSampleId :

OW-03B-51.5-083023

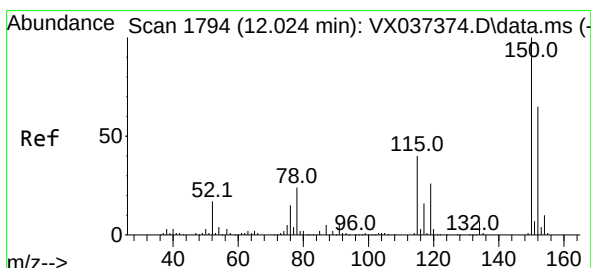
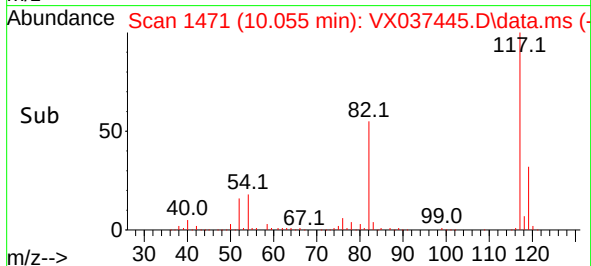
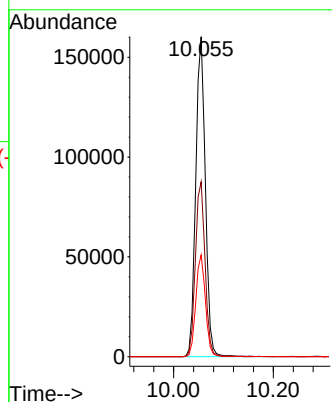
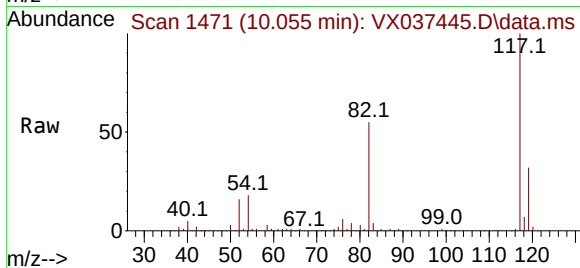
Tgt Ion:117 Resp: 214543

Ion Ratio Lower Upper

117 100

82 54.7 46.2 69.4

119 31.8 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: VX037445.D

Acq: 31 Aug 2023 21:08

Tgt Ion:152 Resp: 95160

Ion Ratio Lower Upper

152 100

115 63.0 43.3 129.9

150 155.4 0.0 345.0

