

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081023\
 Data File : VX036904.D
 Acq On : 10 Aug 2023 10:48
 Operator : JC/MD
 Sample : VX0810WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0810WBL01

Quant Time: Aug 11 01:41:53 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	5.549	168	130905	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	242127	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	227862	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	102215	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	91403	47.190	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.380%
35) Dibromofluoromethane	5.385	113	76999	46.267	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.540%
50) Toluene-d8	8.646	98	290081	49.151	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.300%
62) 4-Bromofluorobenzene	11.079	95	110396	49.580	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.160%

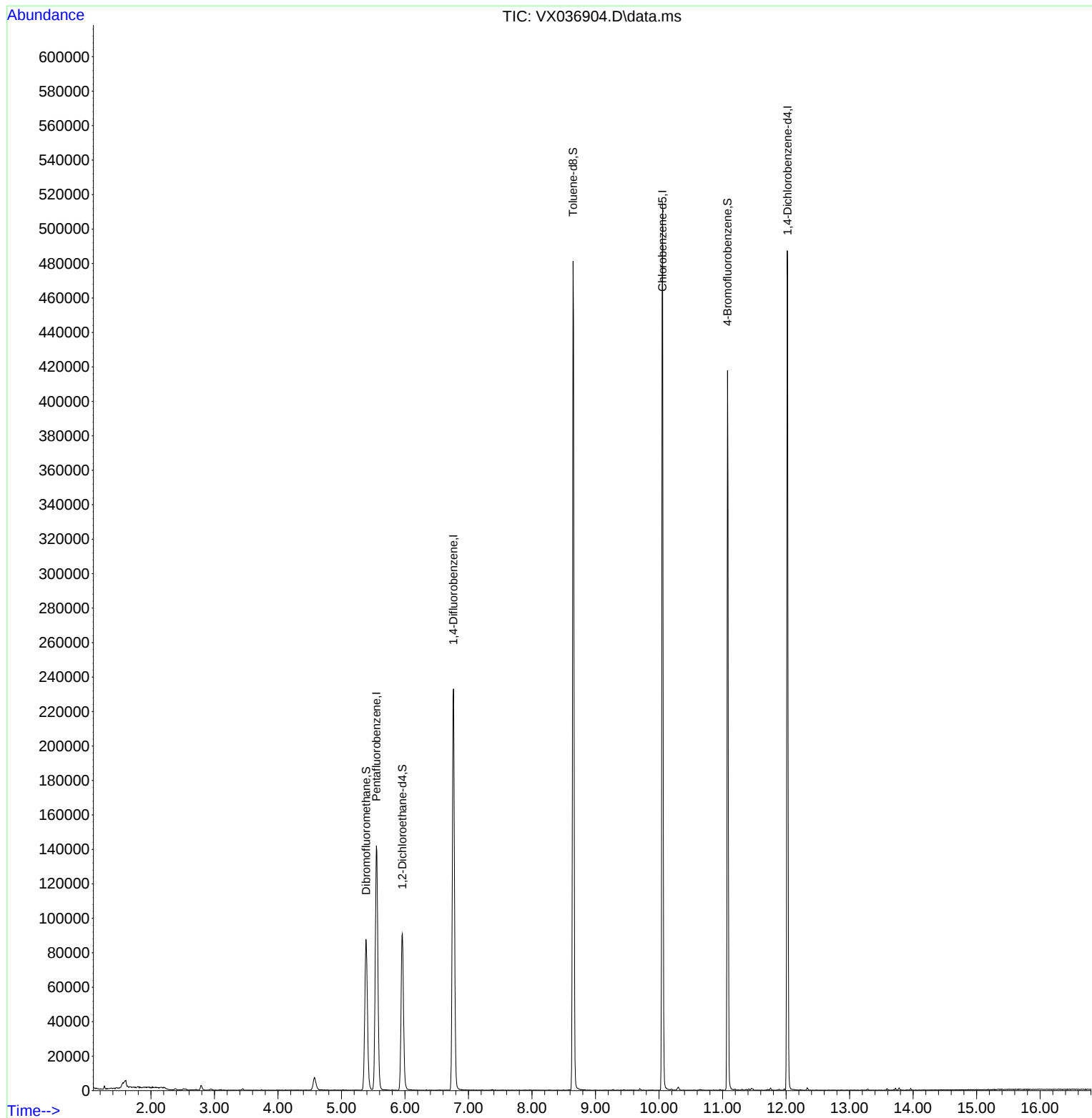
Target Compounds	Qvalue

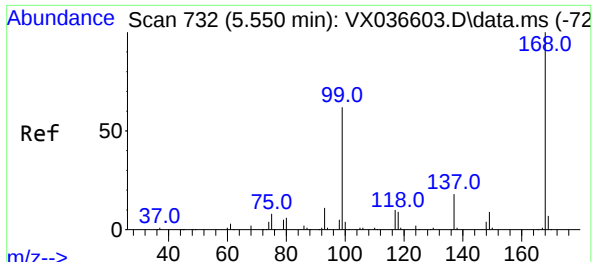
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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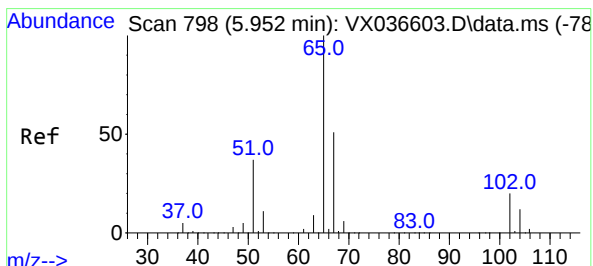
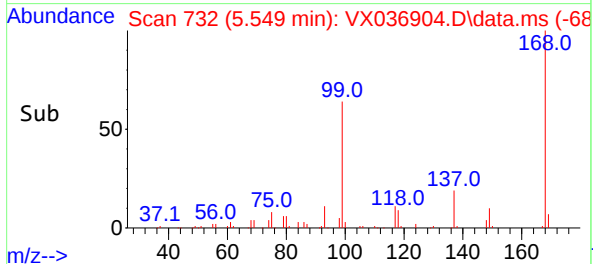
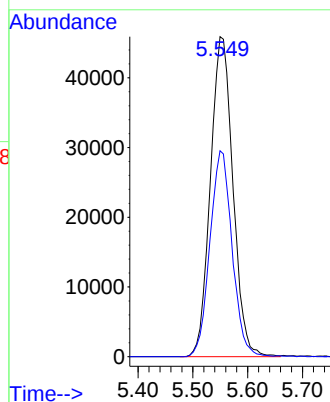
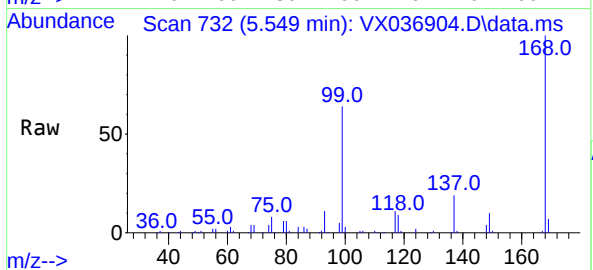




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 71
Delta R.T. -0.001 min
Lab File: VX036904.D
Acq: 10 Aug 2023 10:48

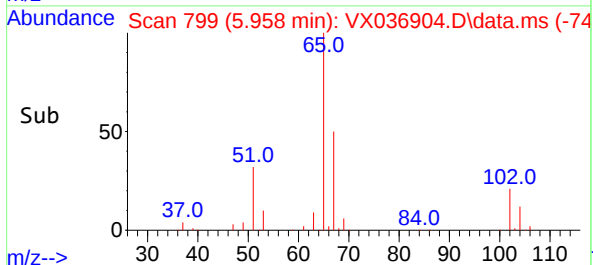
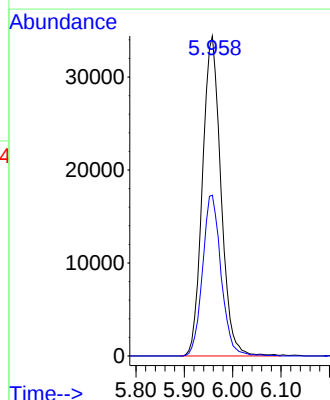
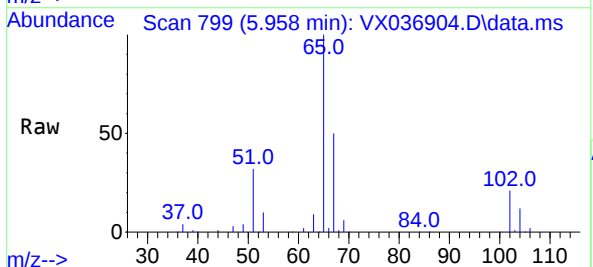
Instrument :
MSVOA_X
ClientSampleId :
VX0810WBL01

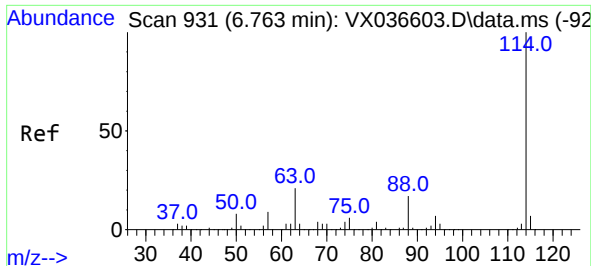
Tgt Ion:168 Resp: 130905
Ion Ratio Lower Upper
168 100
99 64.4 56.6 85.0



#33
1,2-Dichloroethane-d4
Concen: 47.190 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX036904.D
Acq: 10 Aug 2023 10:48

Tgt Ion: 65 Resp: 91403
Ion Ratio Lower Upper
65 100
67 50.4 0.0 100.2

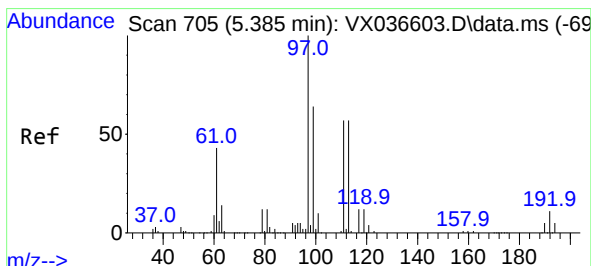
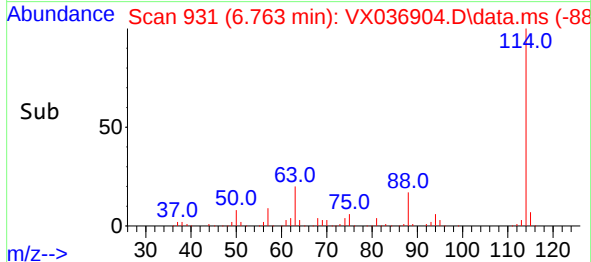
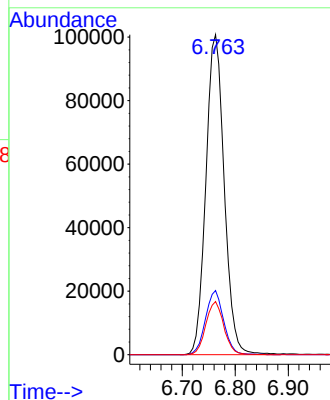
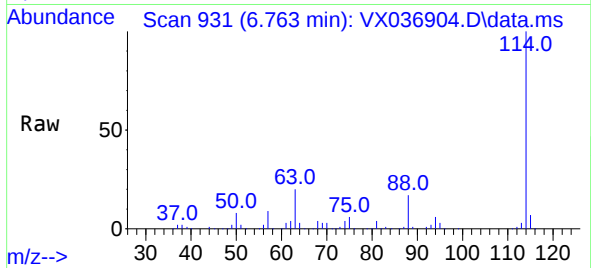




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX036904.D
Acq: 10 Aug 2023 10:48

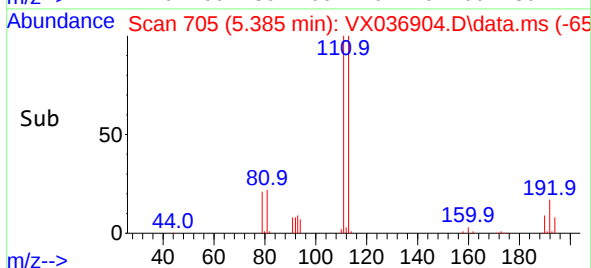
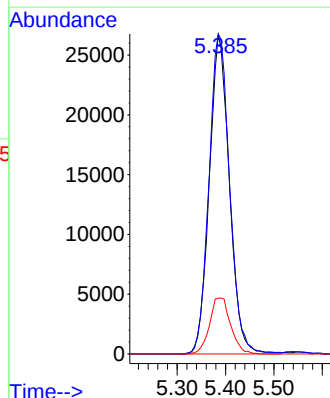
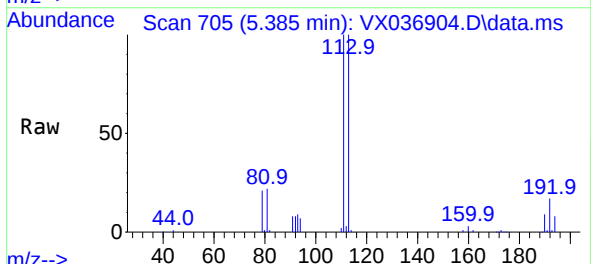
Instrument :
MSVOA_X
ClientSampleId :
VX0810WBL01

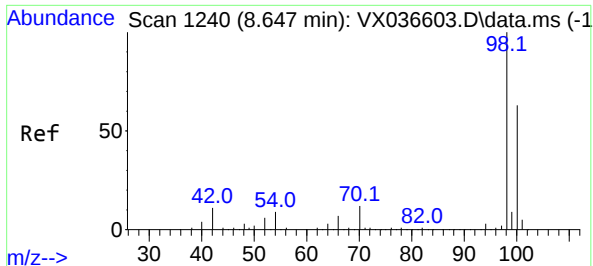
Tgt Ion:114 Resp: 242127
Ion Ratio Lower Upper
114 100
63 20.1 0.0 45.0
88 16.6 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.267 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX036904.D
Acq: 10 Aug 2023 10:48

Tgt Ion:113 Resp: 76999
Ion Ratio Lower Upper
113 100
111 103.1 82.9 124.3
192 18.4 13.3 19.9





#50

Toluene-d8

Concen: 49.151 ug/l

RT: 8.646 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX036904.D

Acq: 10 Aug 2023 10:48

Instrument :

MSVOA_X

ClientSampleId :

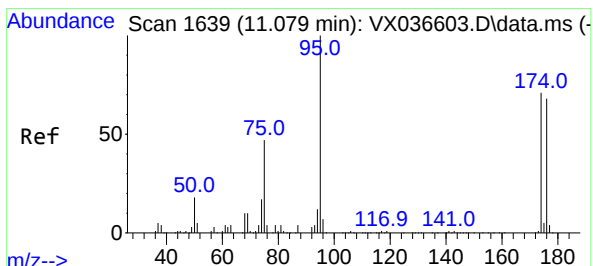
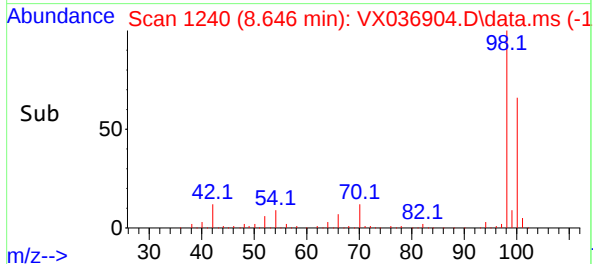
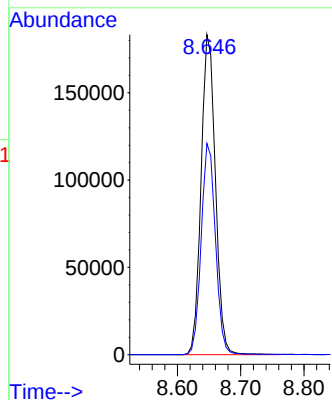
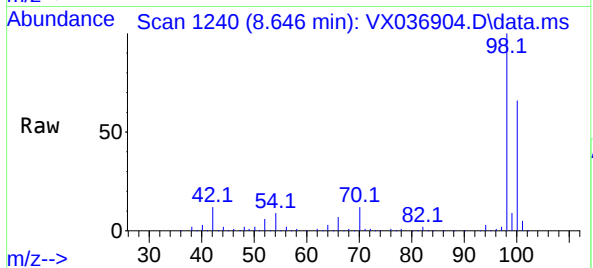
VX0810WBL01

Tgt Ion: 98 Resp: 290081

Ion Ratio Lower Upper

98 100

100 65.7 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 49.580 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX036904.D

Acq: 10 Aug 2023 10:48

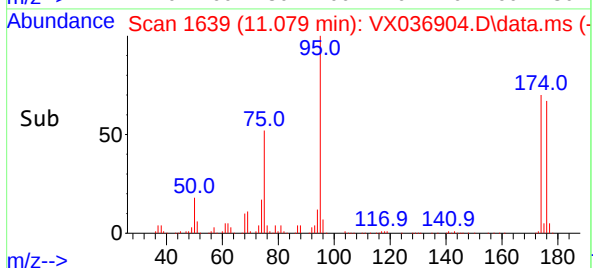
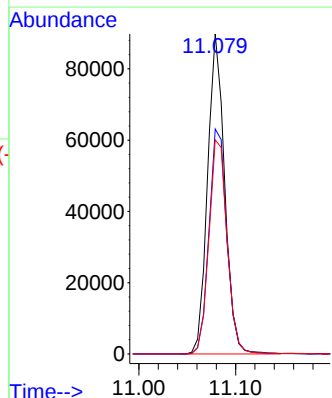
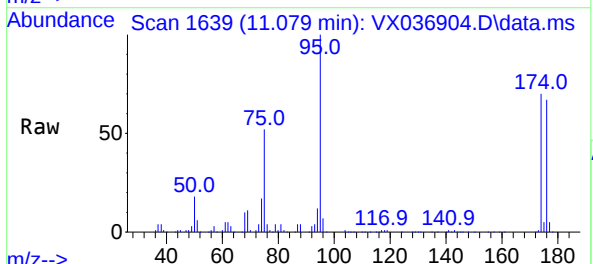
Tgt Ion: 95 Resp: 110396

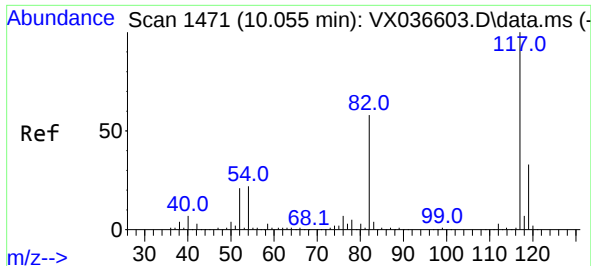
Ion Ratio Lower Upper

95 100

174 73.6 0.0 135.6

176 71.1 0.0 131.0

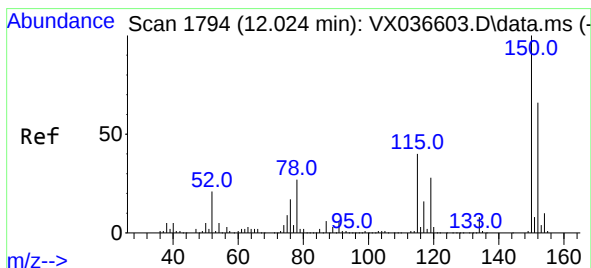
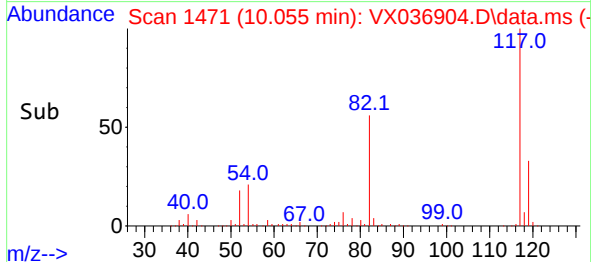
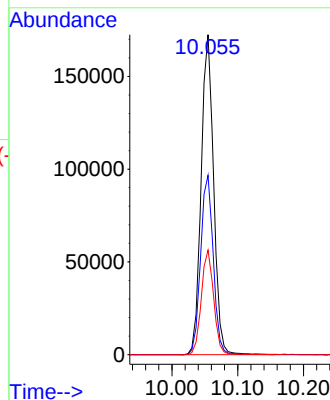
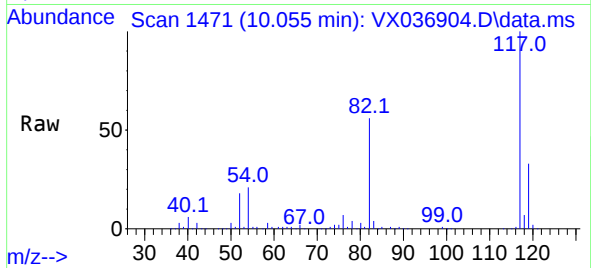




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX036904.D
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Instrument :
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ClientSampleId :
VX0810WBL01

Tgt Ion:117 Resp: 227862
Ion Ratio Lower Upper
117 100
82 56.1 46.2 69.4
119 32.7 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: VX036904.D
Acq: 10 Aug 2023 10:48

Tgt Ion:152 Resp: 102215
Ion Ratio Lower Upper
152 100
115 61.9 43.3 129.9
150 156.5 0.0 345.0

