

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY083023\
 Data File : VY015382.D
 Acq On : 30 Aug 2023 17:01
 Operator : SY/MD
 Sample : 04217-01
 Misc : 3.95g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BU-04-082923

Quant Time: Aug 31 01:02:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 29 22:47:33 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	163837	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	278902	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	257201	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	124286	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	110515	62.925	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	125.840%
35) Dibromofluoromethane	7.716	113	90645	56.427	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	112.860%
50) Toluene-d8	10.179	98	328239	56.423	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	112.840%
62) 4-Bromofluorobenzene	12.477	95	111589	51.670	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	103.340%

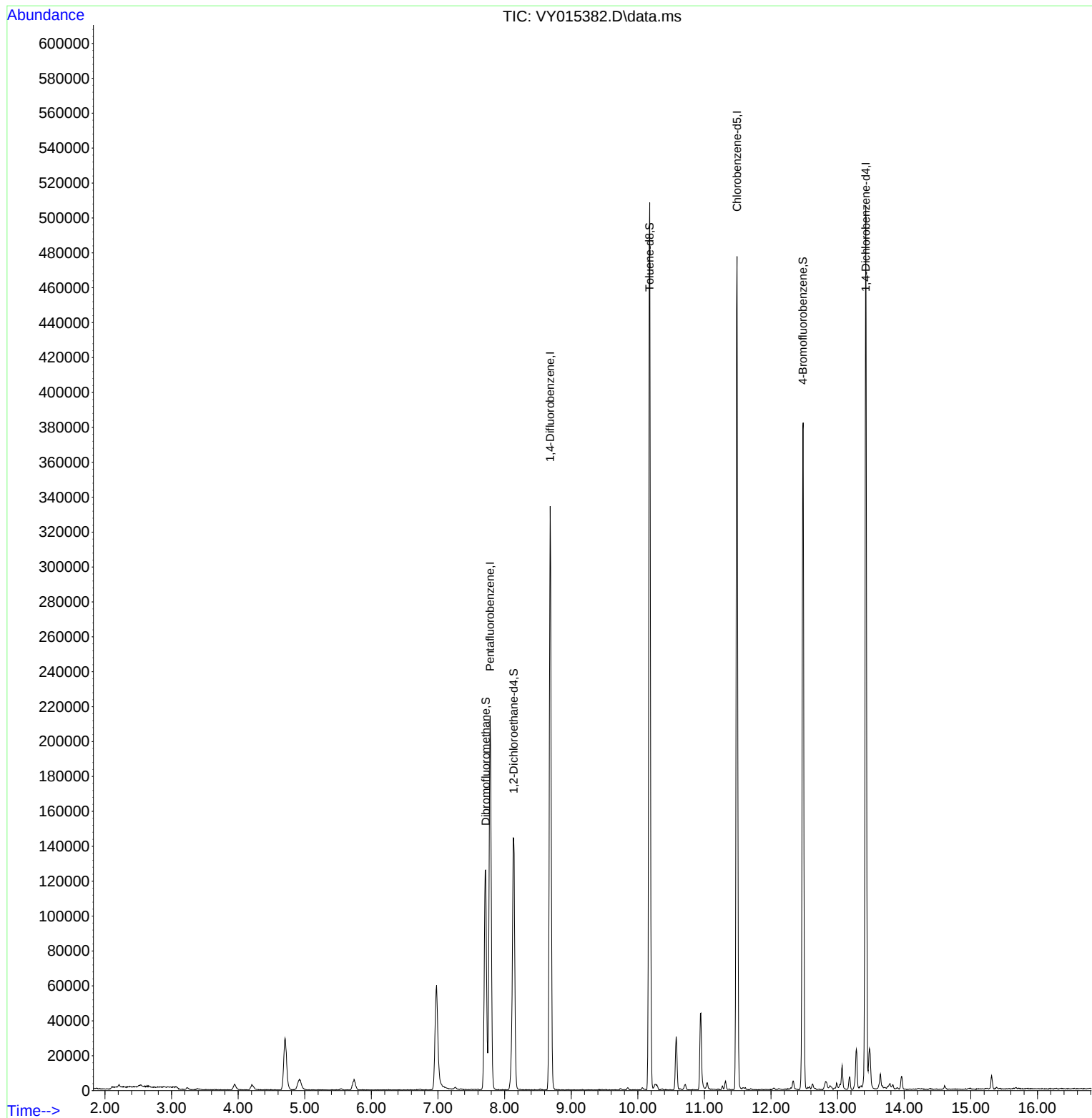
Target Compounds	Qvalue

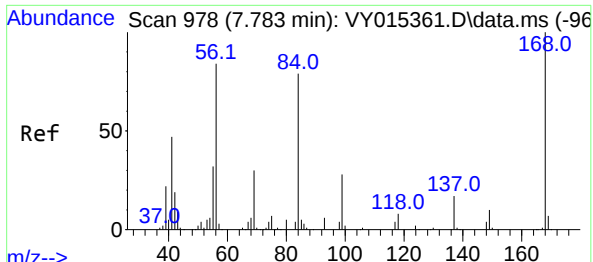
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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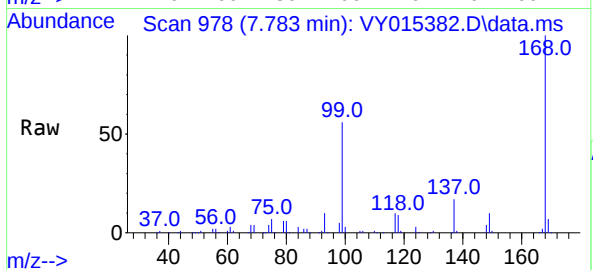
Quant Time: Aug 31 01:02:29 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
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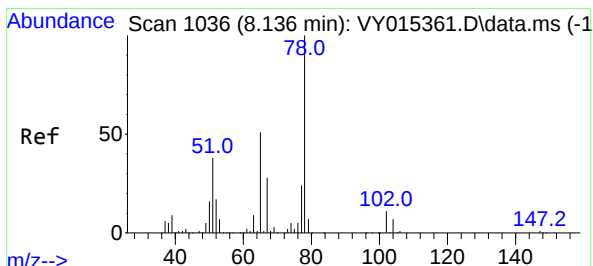
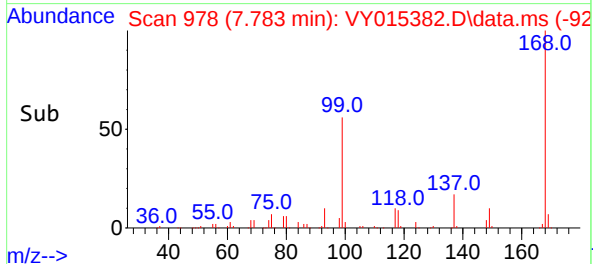
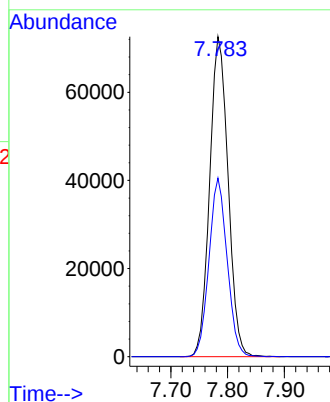


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015382.D
Acq: 30 Aug 2023 17:01

Instrument :
MSVOA_Y
ClientSampleId :
BU-04-082923

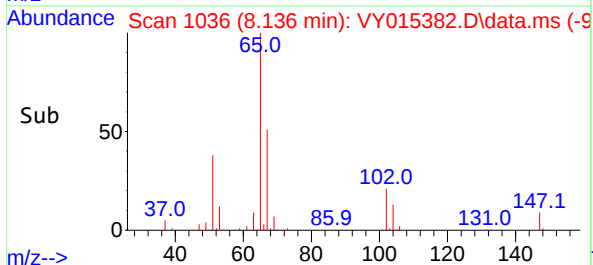
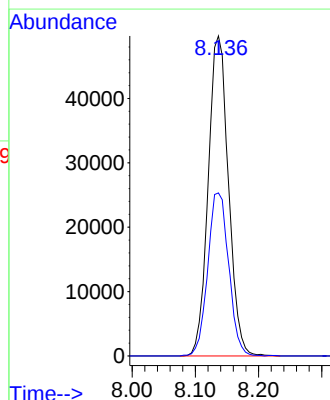
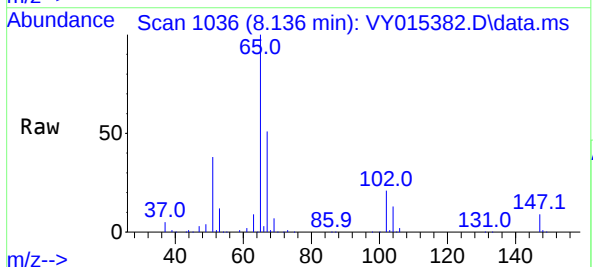


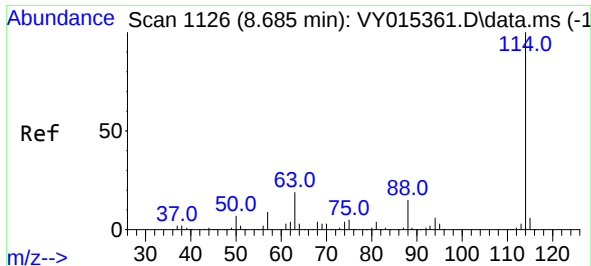
Tgt Ion:168 Resp: 163837
Ion Ratio Lower Upper
168 100
99 55.8 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 62.925 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY015382.D
Acq: 30 Aug 2023 17:01

Tgt Ion: 65 Resp: 110515
Ion Ratio Lower Upper
65 100
67 52.7 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY015382.D

Acq: 30 Aug 2023 17:01

Instrument :

MSVOA_Y

ClientSampleId :

BU-04-082923

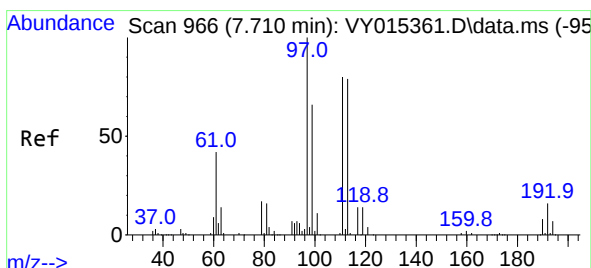
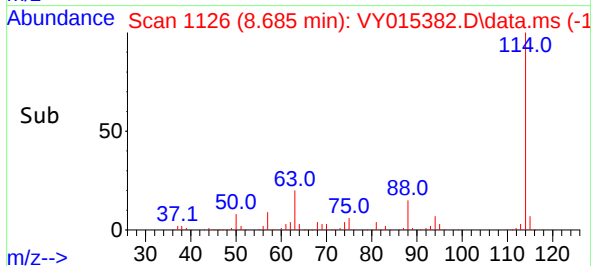
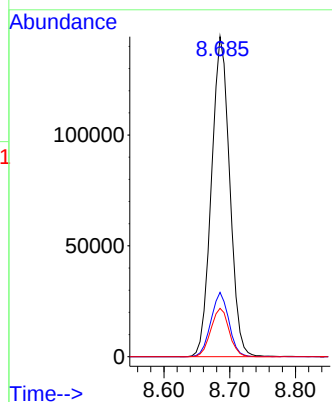
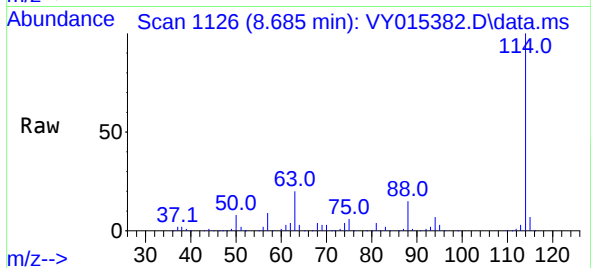
Tgt Ion:114 Resp: 278902

Ion Ratio Lower Upper

114 100

63 20.1 0.0 42.4

88 15.1 0.0 30.6



#35

Dibromofluoromethane

Concen: 56.427 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.000 min

Lab File: VY015382.D

Acq: 30 Aug 2023 17:01

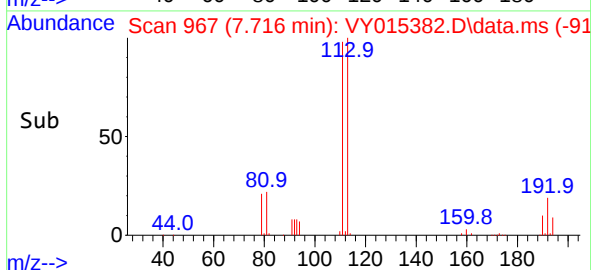
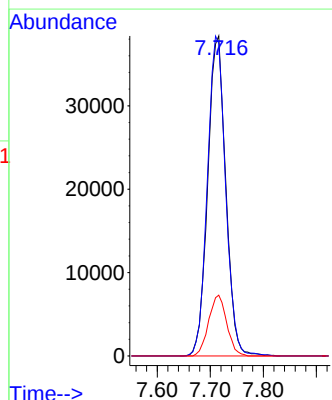
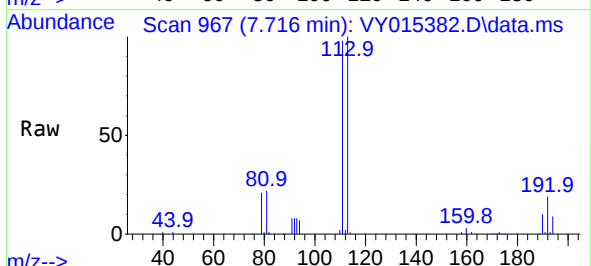
Tgt Ion:113 Resp: 90645

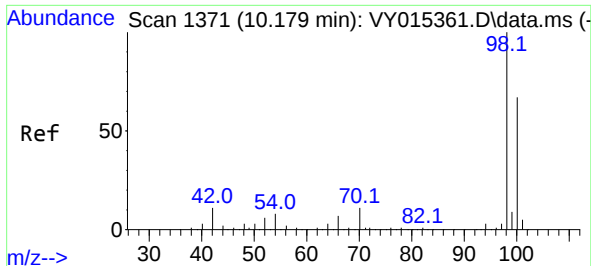
Ion Ratio Lower Upper

113 100

111 100.9 81.3 121.9

192 19.1 16.9 25.3

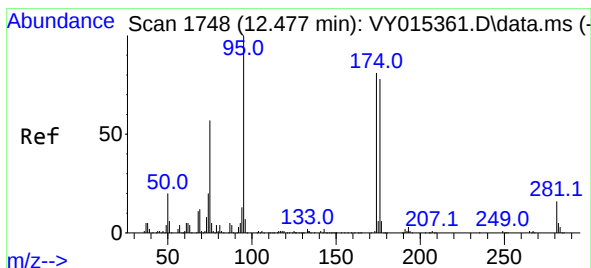
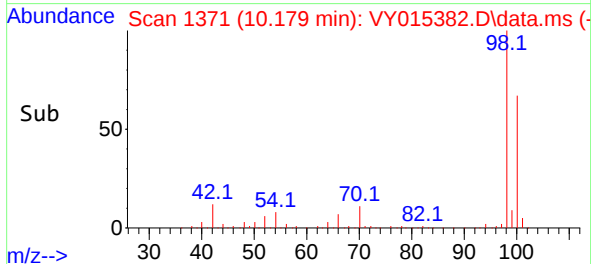
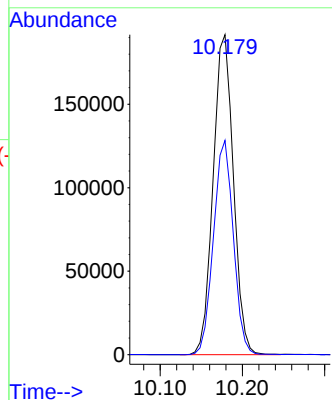
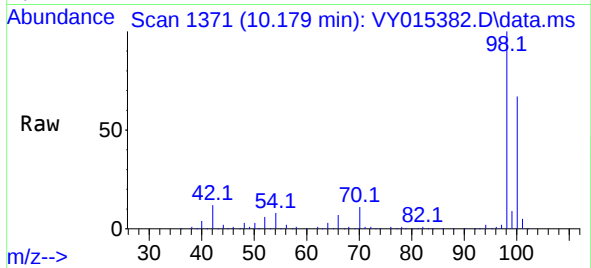




#50
Toluene-d8
Concen: 56.423 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015382.D
Acq: 30 Aug 2023 17:01

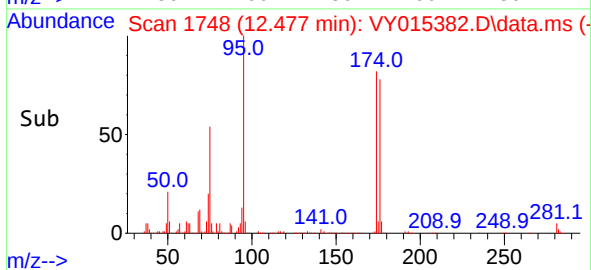
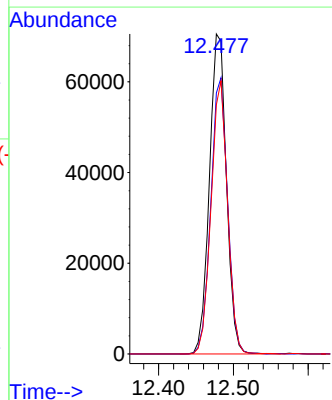
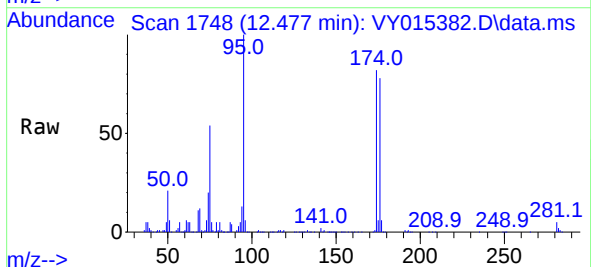
Instrument :
MSVOA_Y
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BU-04-082923

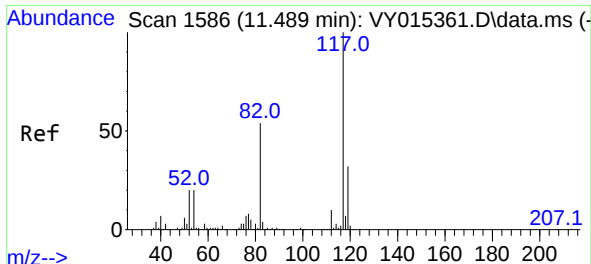
Tgt Ion: 98 Resp: 328239
Ion Ratio Lower Upper
98 100
100 65.7 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 51.670 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY015382.D
Acq: 30 Aug 2023 17:01

Tgt Ion: 95 Resp: 111589
Ion Ratio Lower Upper
95 100
174 85.1 0.0 178.2
176 83.0 0.0 173.8

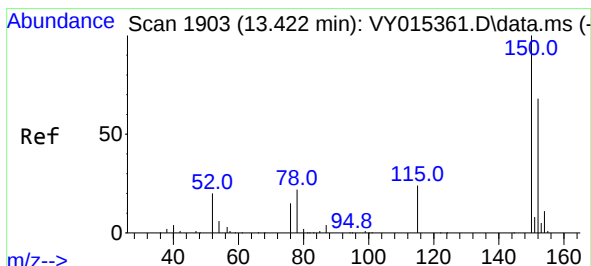
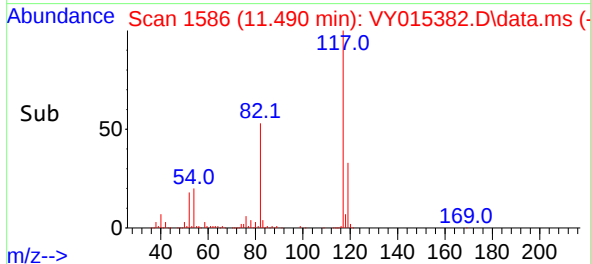
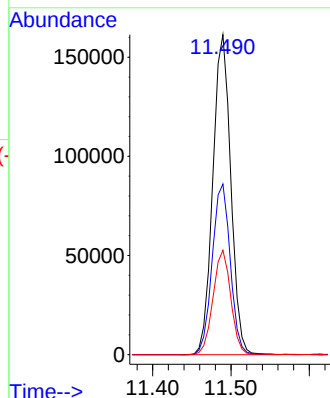
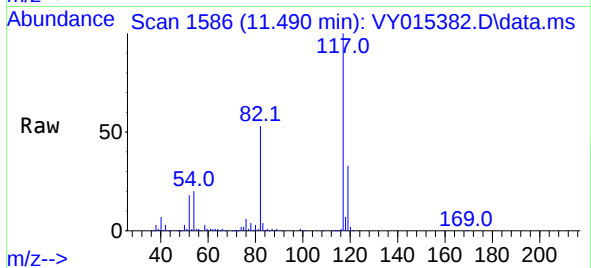




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015382.D
Acq: 30 Aug 2023 17:01

Instrument :
MSVOA_Y
ClientSampleId :
BU-04-082923

Tgt Ion:117 Resp: 257201
Ion Ratio Lower Upper
117 100
82 53.4 43.4 65.0
119 32.7 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY015382.D
Acq: 30 Aug 2023 17:01

Tgt Ion:152 Resp: 124286
Ion Ratio Lower Upper
152 100
115 56.6 28.8 86.5
150 155.5 0.0 348.8

