

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111623\
 Data File : VY016379.D
 Acq On : 16 Nov 2023 10:38
 Operator : SY/MD
 Sample : VY1116SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1116SBL01

Quant Time: Nov 17 04:01:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 09 00:45:52 2023
 Response via : Initial Calibration

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

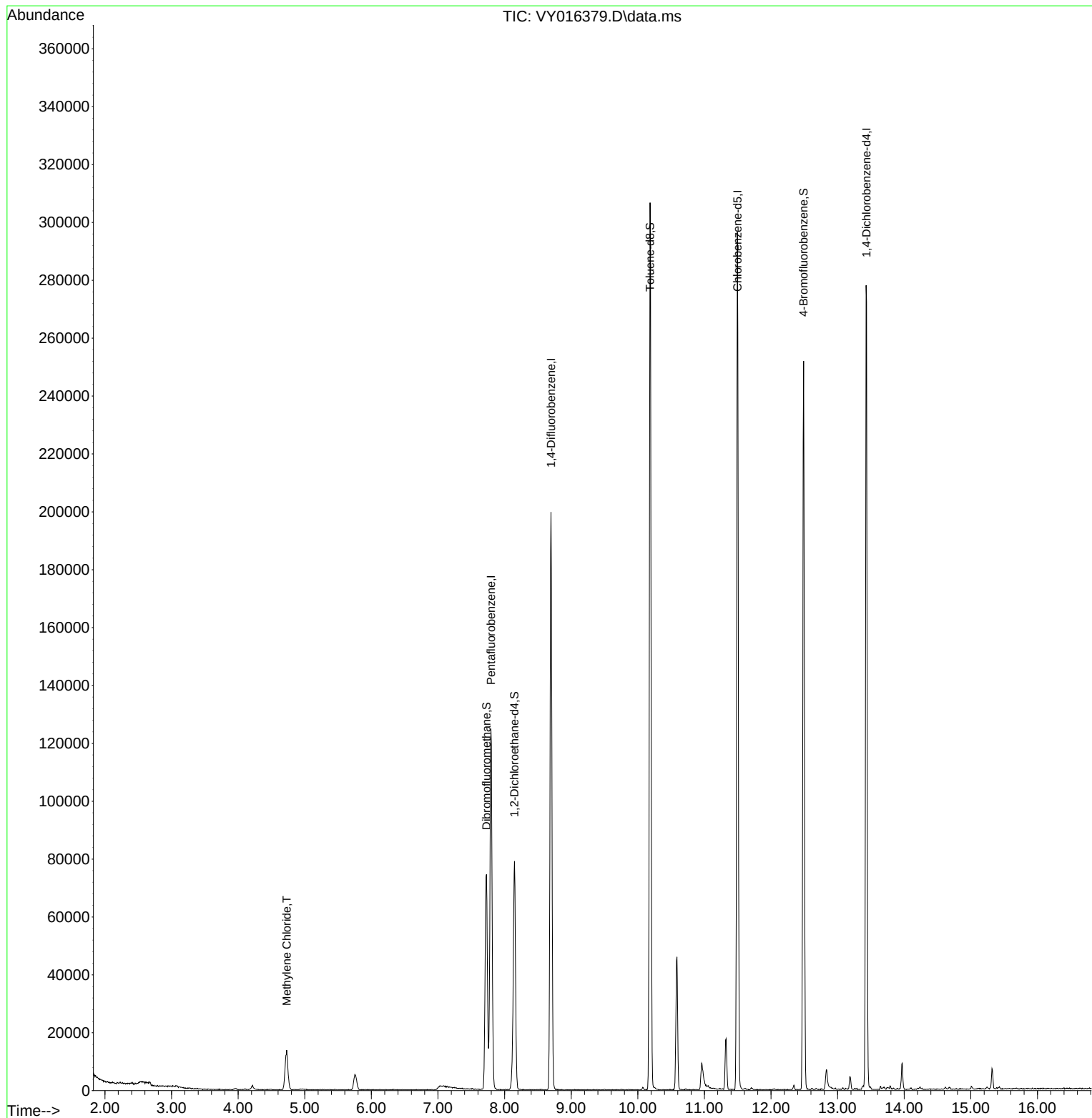
Internal Standards						
1) Pentafluorobenzene	7.795	168	98527	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	175456	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	167205	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	73931	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	60202	66.854	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	133.700%
35) Dibromofluoromethane	7.728	113	55494	55.678	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.360%
50) Toluene-d8	10.185	98	204081	50.492	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.980%
62) 4-Bromofluorobenzene	12.489	95	69733	53.121	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	106.240%
Target Compounds						
20) Methylene Chloride	4.729	84	10261	6.740	ug/l	Qvalue 86

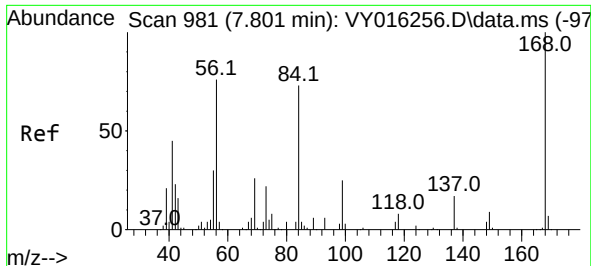
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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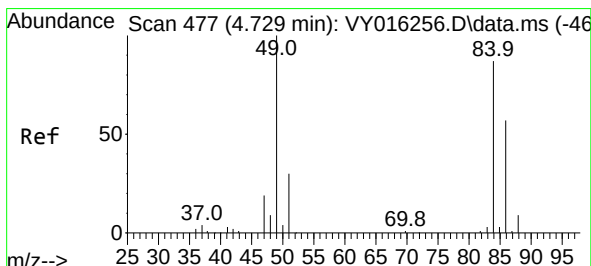
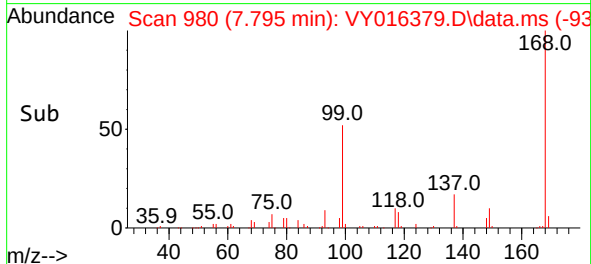
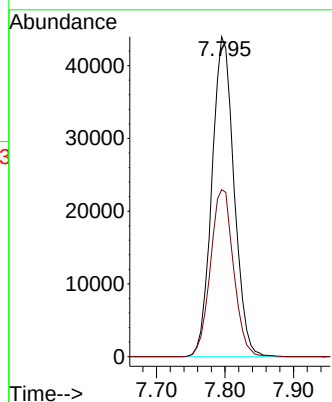
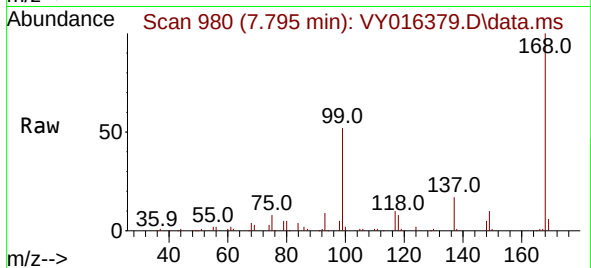




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 981
Delta R.T. -0.006 min
Lab File: VY016379.D
Acq: 16 Nov 2023 10:38

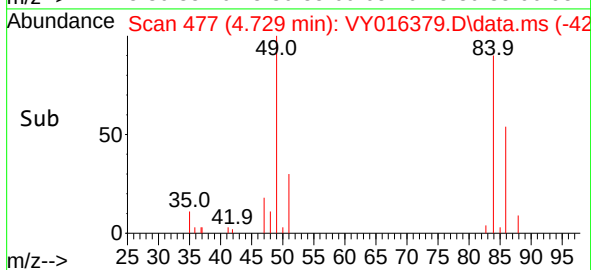
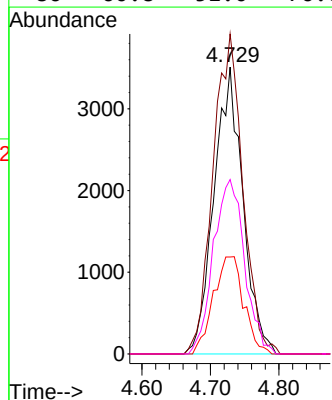
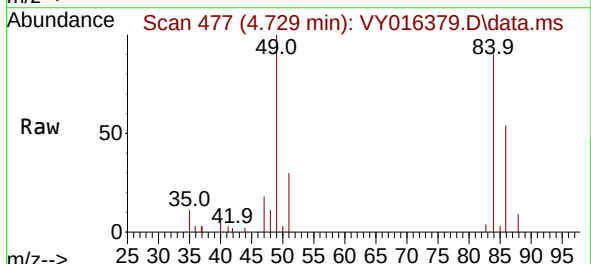
Instrument :
MSVOA_Y
ClientSampleId :
VY1116SBL01

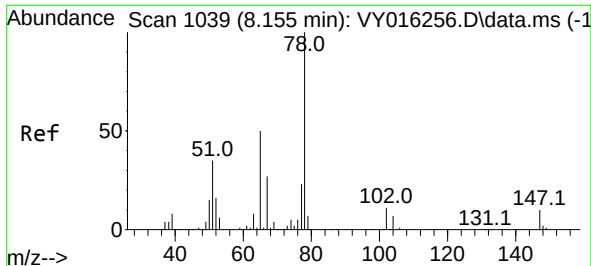
Tgt Ion:168 Resp: 98527
Ion Ratio Lower Upper
168 100
99 52.2 43.4 65.0



#20
Methylene Chloride
Concen: 6.740 ug/l
RT: 4.729 min Scan# 477
Delta R.T. -0.000 min
Lab File: VY016379.D
Acq: 16 Nov 2023 10:38

Tgt Ion: 84 Resp: 10261
Ion Ratio Lower Upper
84 100
49 111.5 106.9 160.3
51 33.8 33.2 49.8
86 60.8 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 66.854 ug/l

RT: 8.149 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY016379.D

Acq: 16 Nov 2023 10:38

Instrument :

MSVOA_Y

ClientSampleId :

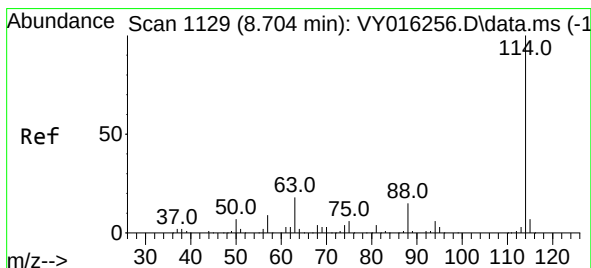
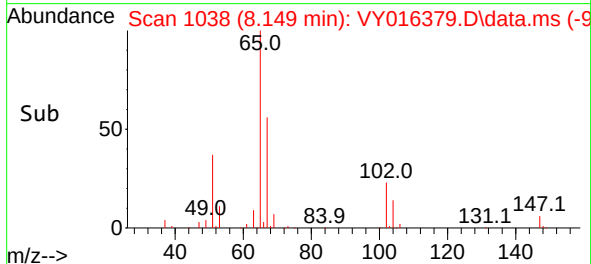
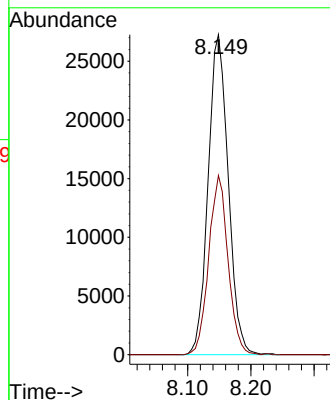
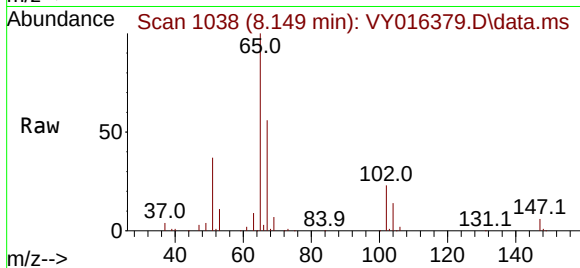
VY1116SBL01

Tgt Ion: 65 Resp: 60202

Ion Ratio Lower Upper

65 100

67 53.7 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VY016379.D

Acq: 16 Nov 2023 10:38

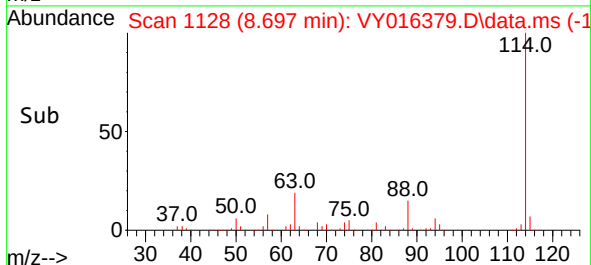
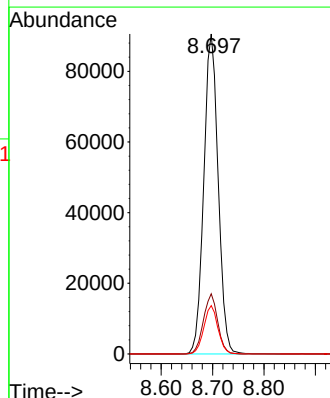
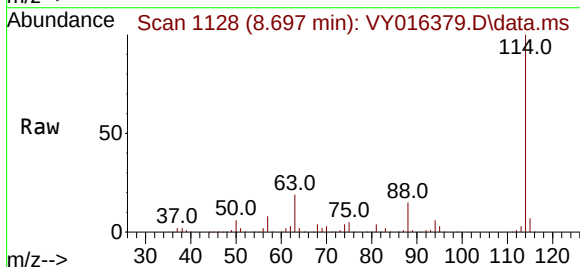
Tgt Ion: 114 Resp: 175456

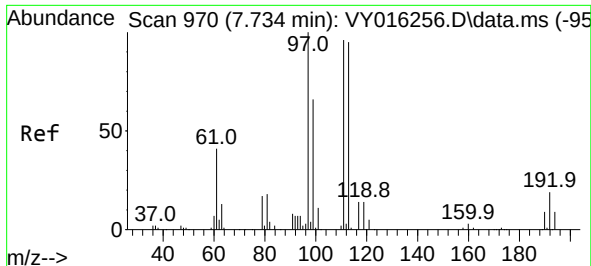
Ion Ratio Lower Upper

114 100

63 18.8 0.0 42.4

88 15.1 0.0 30.6





#35

Dibromofluoromethane

Concen: 55.678 ug/l

RT: 7.728 min Scan# 91

Delta R.T. -0.006 min

Lab File: VY016379.D

Acq: 16 Nov 2023 10:38

Instrument :

MSVOA_Y

ClientSampleId :

VY1116SBL01

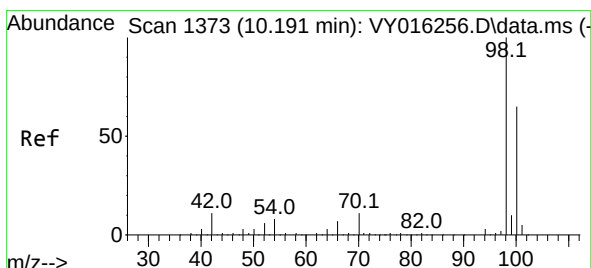
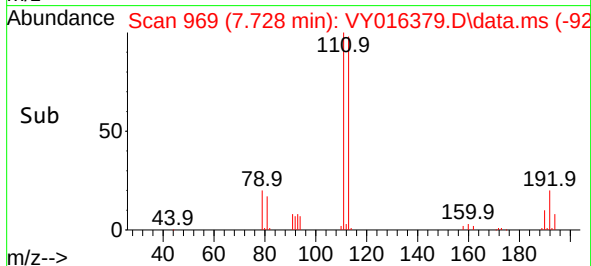
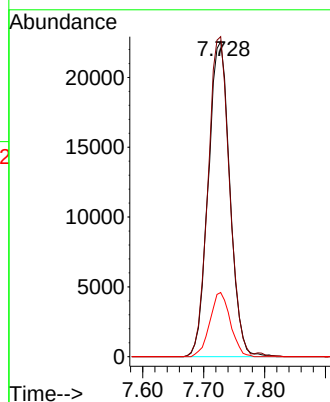
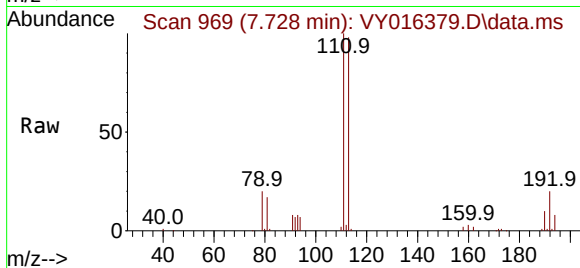
Tgt Ion:113 Resp: 55494

Ion Ratio Lower Upper

113 100

111 101.0 81.3 121.9

192 19.3 16.9 25.3



#50

Toluene-d8

Concen: 50.492 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. -0.006 min

Lab File: VY016379.D

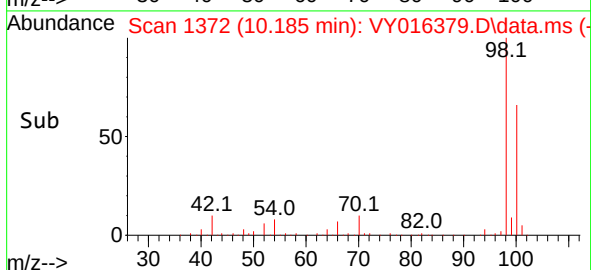
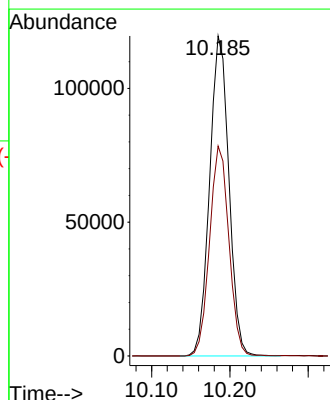
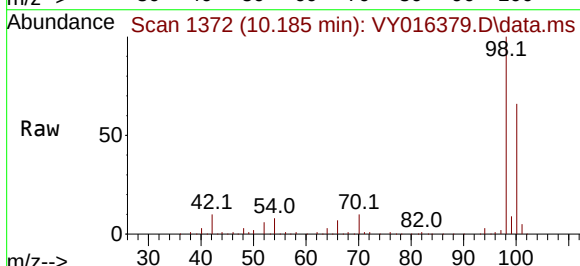
Acq: 16 Nov 2023 10:38

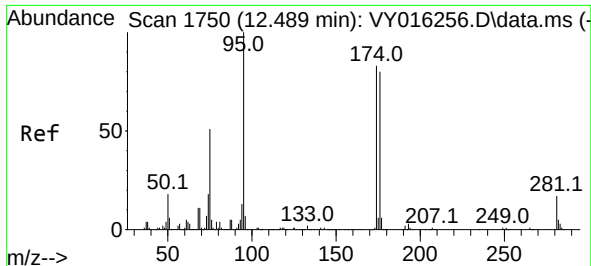
Tgt Ion: 98 Resp: 204081

Ion Ratio Lower Upper

98 100

100 65.7 50.1 75.1





#62

4-Bromofluorobenzene

Concen: 53.121 ug/l

RT: 12.489 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY016379.D

Acq: 16 Nov 2023 10:38

Instrument :

MSVOA_Y

ClientSampleId :

VY1116SBL01

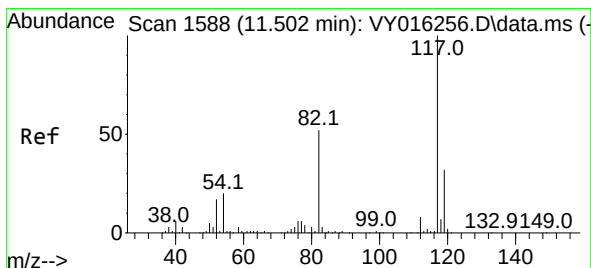
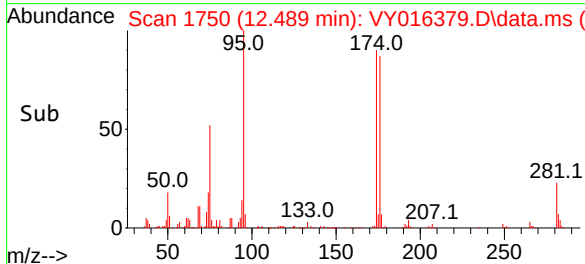
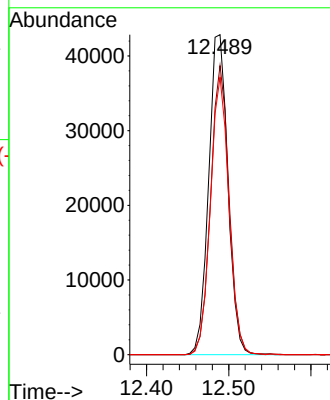
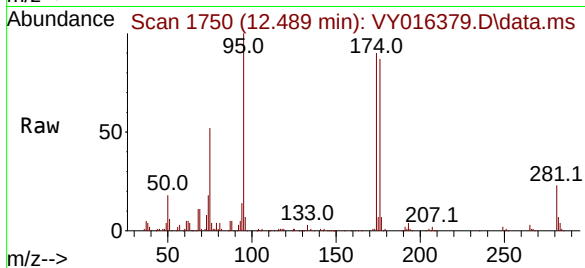
Tgt Ion: 95 Resp: 69733

Ion Ratio Lower Upper

95 100

174 86.8 0.0 178.2

176 83.4 0.0 173.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 1587

Delta R.T. -0.006 min

Lab File: VY016379.D

Acq: 16 Nov 2023 10:38

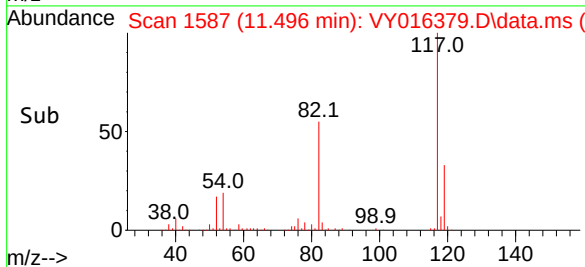
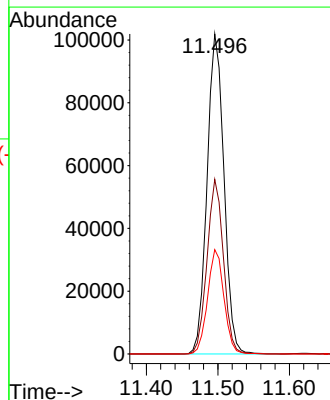
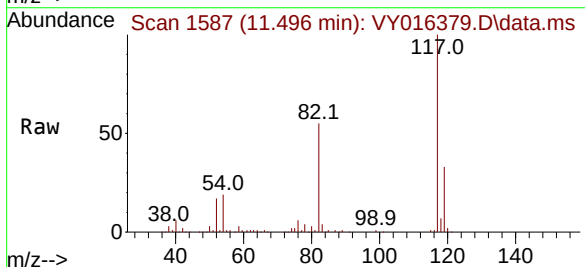
Tgt Ion: 117 Resp: 167205

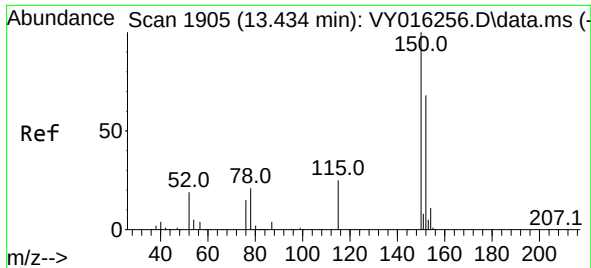
Ion Ratio Lower Upper

117 100

82 54.6 43.4 65.0

119 32.6 26.3 39.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.434 min Scan# 1905
 Delta R.T. -0.000 min
 Lab File: VY016379.D
 Acq: 16 Nov 2023 10:38

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1116SBL01

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.3	28.8	86.5
150	158.1	0.0	348.8

