

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121623\
 Data File : VY016678.D
 Acq On : 16 Dec 2023 18:47
 Operator : SY/MD
 Sample : 05765-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RT-SB-01-10-11

Quant Time: Dec 18 00:43:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121523S.M
 Quant Title : SW846 8260
 QLast Update : Sat Dec 16 00:39:52 2023
 Response via : Initial Calibration

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

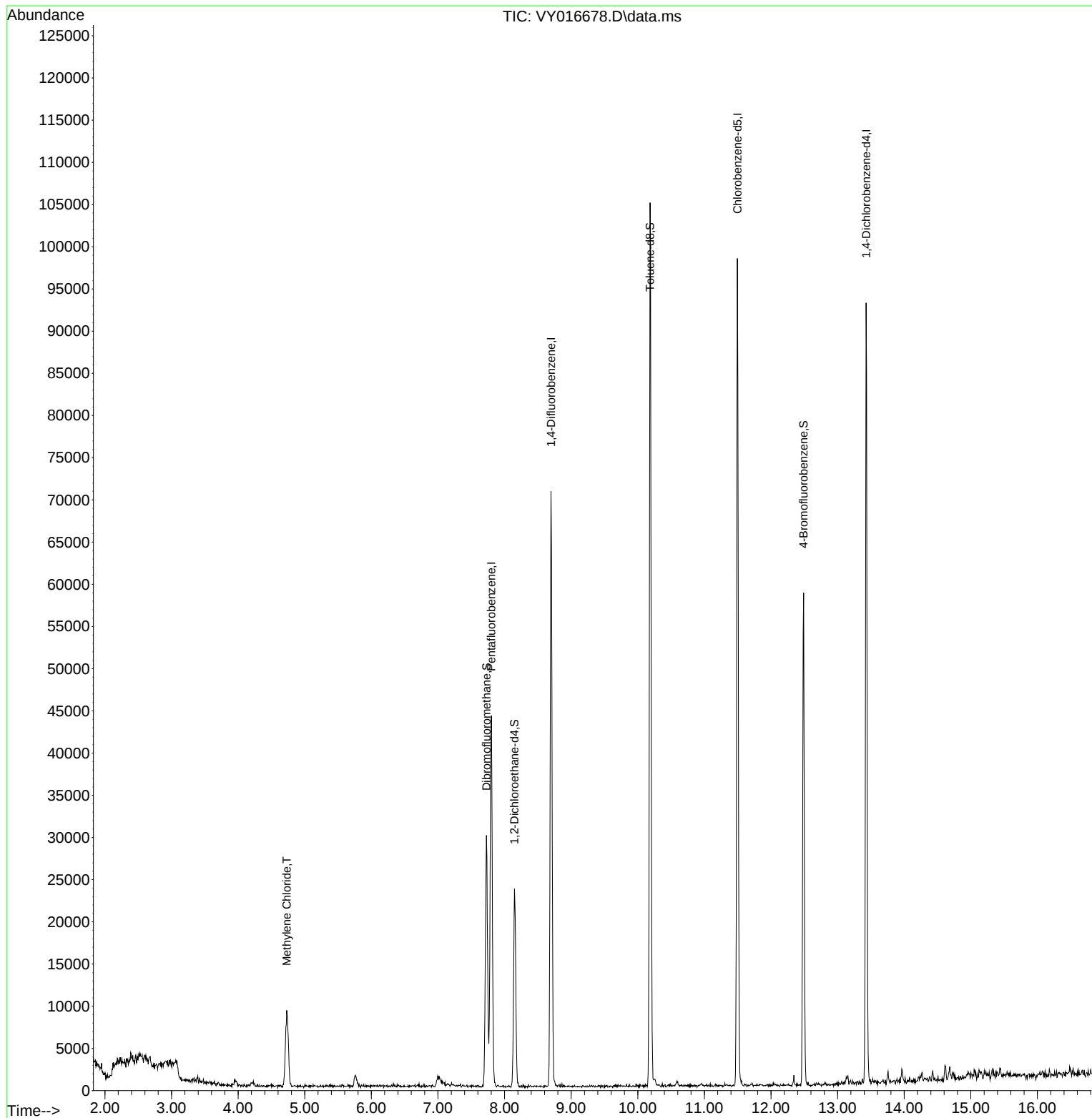
Internal Standards						
1) Pentafluorobenzene	7.801	168	35574	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	61156	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	55843	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	26095	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	18098	62.161	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	124.320%
35) Dibromofluoromethane	7.728	113	20904	63.725	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	127.440%
50) Toluene-d8	10.185	98	71637	55.166	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	110.340%
62) 4-Bromofluorobenzene	12.489	95	18427	43.833	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	87.660%
Target Compounds						Qvalue
20) Methylene Chloride	4.729	84	6846	15.104	ug/l	94

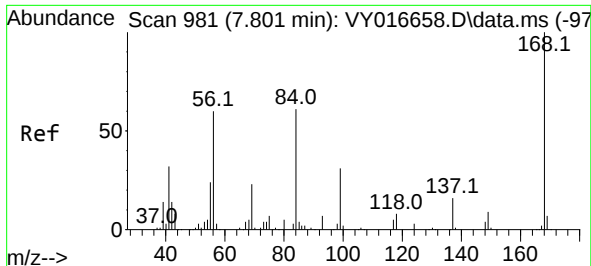
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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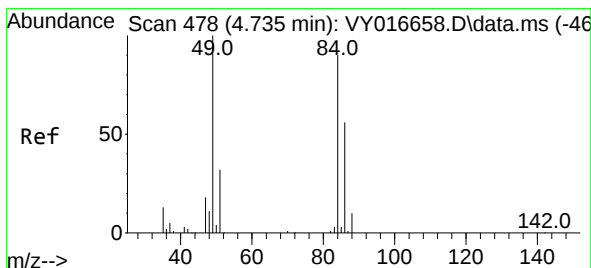
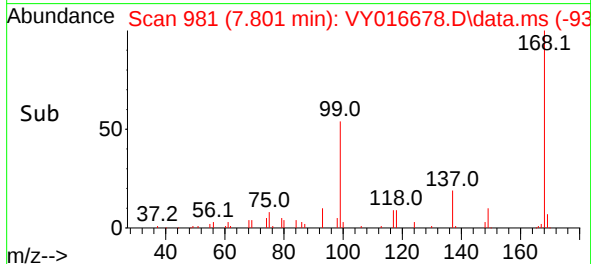
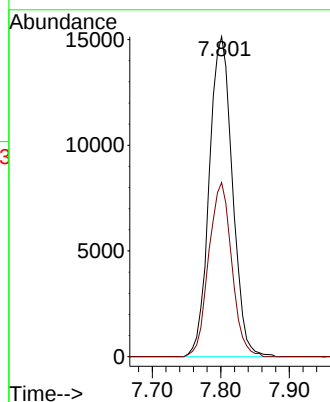
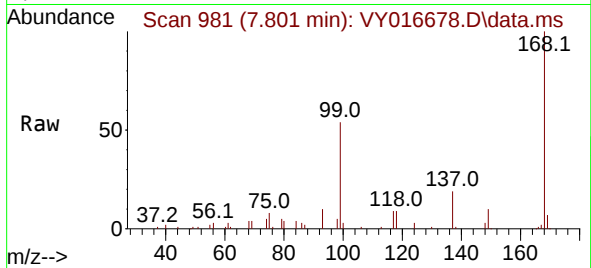




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY016678.D
Acq: 16 Dec 2023 18:47

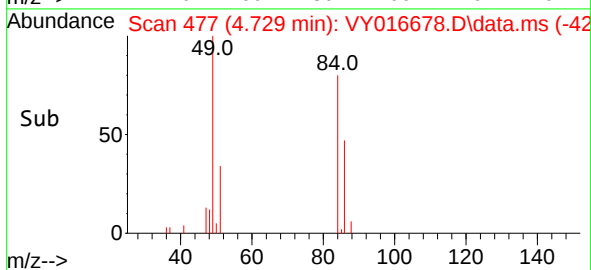
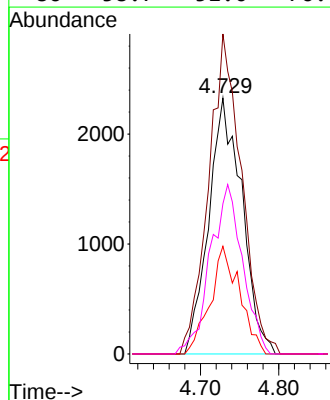
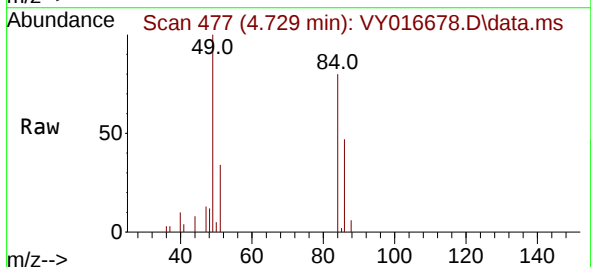
Instrument :
MSVOA_Y
ClientSampleId :
RT-SB-01-10-11

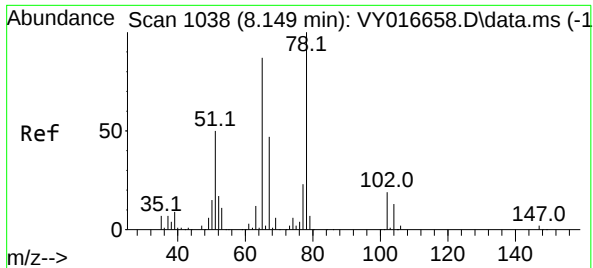
Tgt Ion:168 Resp: 35574
Ion Ratio Lower Upper
168 100
99 54.4 43.4 65.0



#20
Methylene Chloride
Concen: 15.104 ug/l
RT: 4.729 min Scan# 477
Delta R.T. -0.006 min
Lab File: VY016678.D
Acq: 16 Dec 2023 18:47

Tgt Ion: 84 Resp: 6846
Ion Ratio Lower Upper
84 100
49 125.1 106.9 160.3
51 42.1 33.2 49.8
86 58.7 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 62.161 ug/l

RT: 8.149 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY016678.D

Acq: 16 Dec 2023 18:47

Instrument :

MSVOA_Y

ClientSampleId :

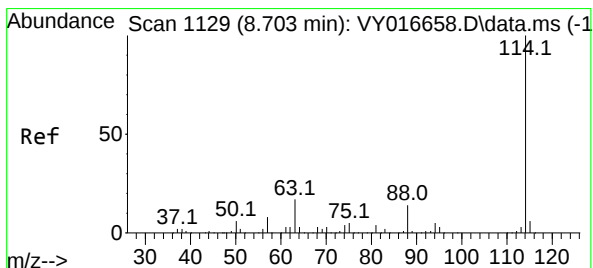
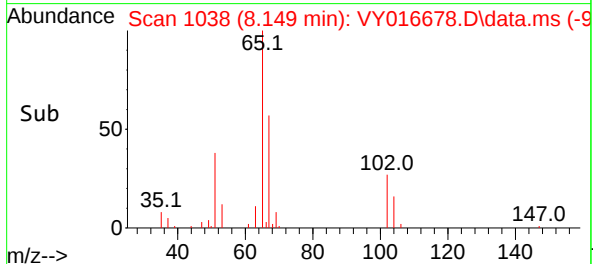
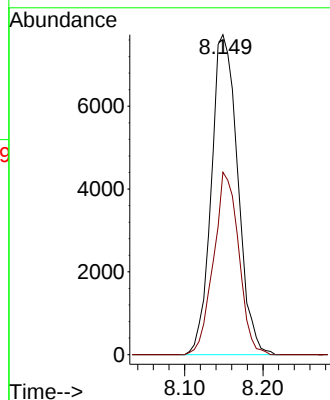
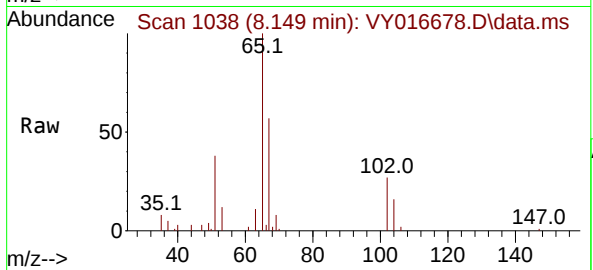
RT-SB-01-10-11

Tgt Ion: 65 Resp: 18098

Ion Ratio Lower Upper

65 100

67 54.3 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: VY016678.D

Acq: 16 Dec 2023 18:47

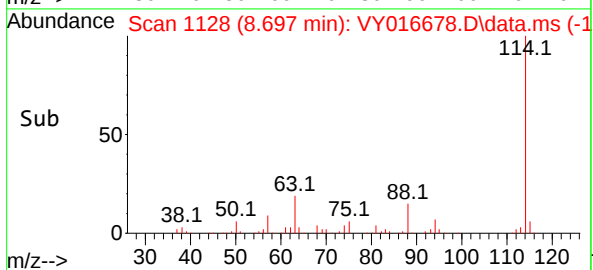
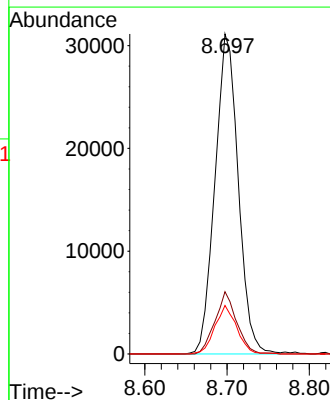
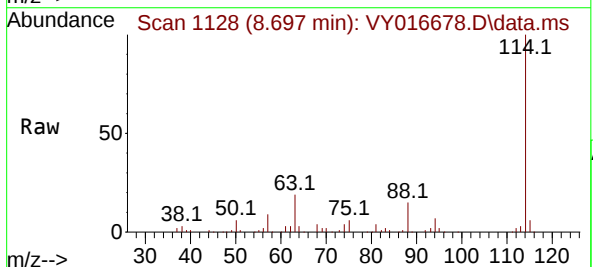
Tgt Ion: 114 Resp: 61156

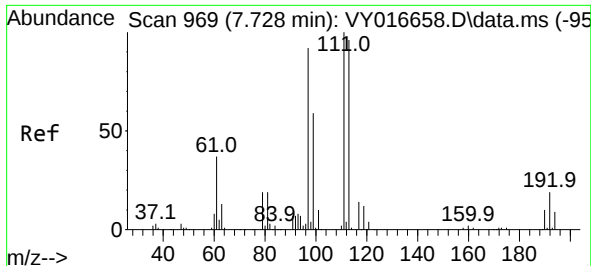
Ion Ratio Lower Upper

114 100

63 19.5 0.0 42.4

88 15.2 0.0 30.6

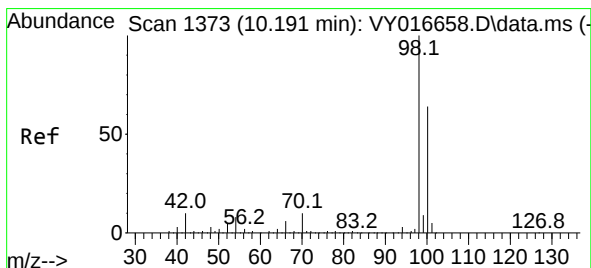
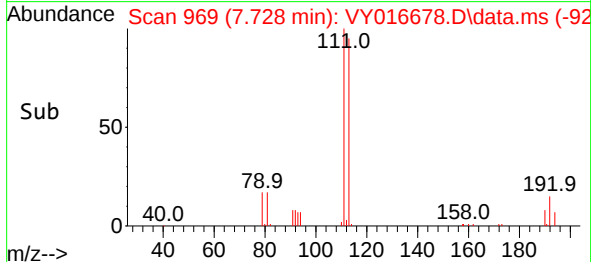
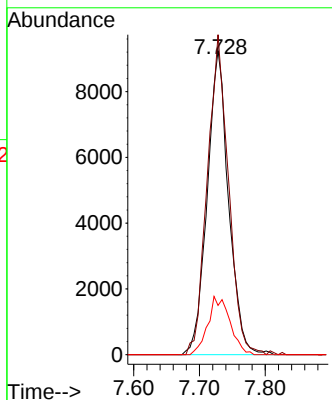
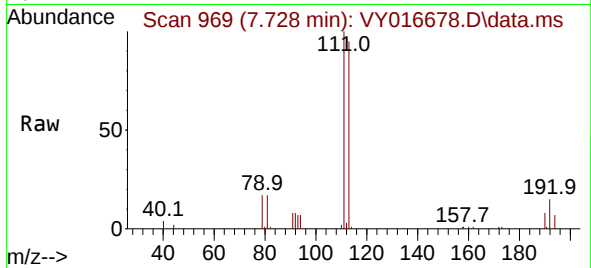




#35
 Dibromofluoromethane
 Concen: 63.725 ug/l
 RT: 7.728 min Scan# 90
 Delta R.T. 0.000 min
 Lab File: VY016678.D
 Acq: 16 Dec 2023 18:47

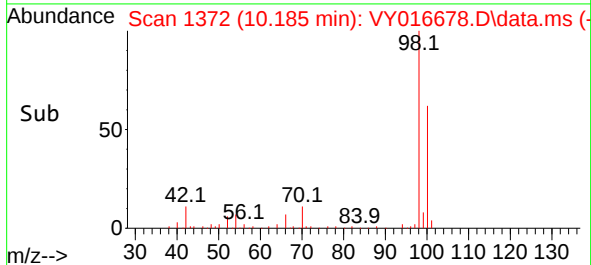
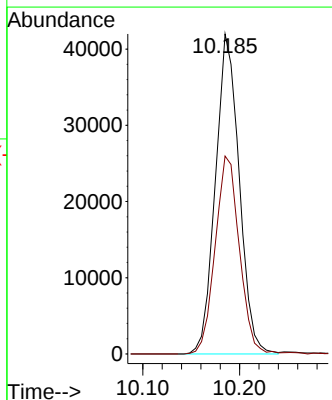
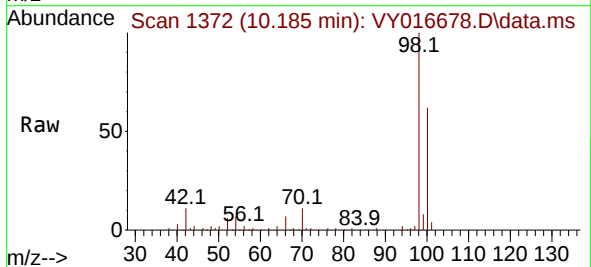
Instrument :
 MSVOA_Y
 ClientSampleId :
 RT-SB-01-10-11

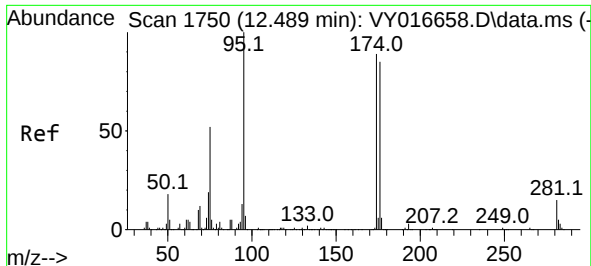
Tgt Ion:	113	Resp:	20904
Ion	Ratio	Lower	Upper
113	100		
111	104.1	81.3	121.9
192	19.9	16.9	25.3



#50
 Toluene-d8
 Concen: 55.166 ug/l
 RT: 10.185 min Scan# 1372
 Delta R.T. -0.006 min
 Lab File: VY016678.D
 Acq: 16 Dec 2023 18:47

Tgt Ion:	98	Resp:	71637
Ion	Ratio	Lower	Upper
98	100		
100	62.9	50.1	75.1





#62

4-Bromofluorobenzene

Concen: 43.833 ug/l

RT: 12.489 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY016678.D

Acq: 16 Dec 2023 18:47

Instrument :

MSVOA_Y

ClientSampleId :

RT-SB-01-10-11

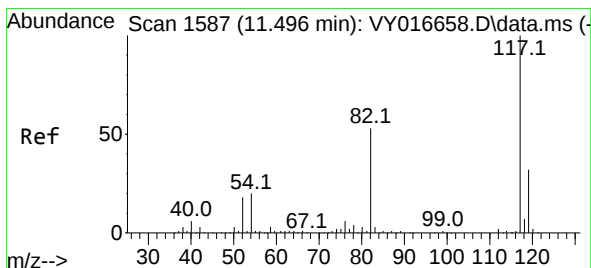
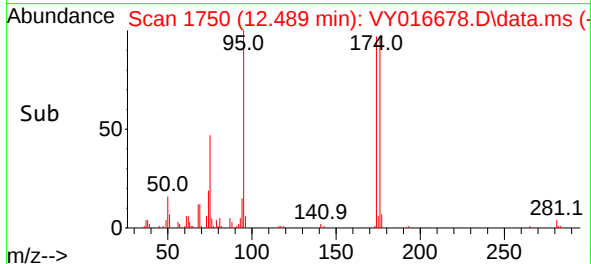
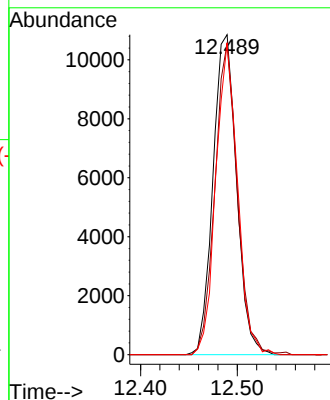
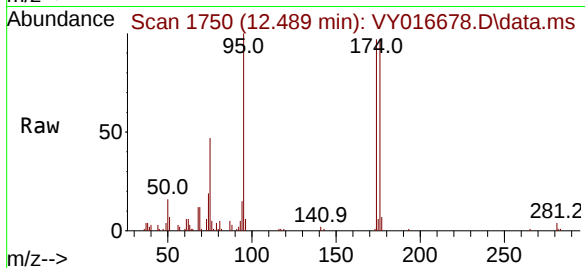
Tgt Ion: 95 Resp: 18427

Ion Ratio Lower Upper

95 100

174 92.0 0.0 178.2

176 89.4 0.0 173.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 1587

Delta R.T. 0.000 min

Lab File: VY016678.D

Acq: 16 Dec 2023 18:47

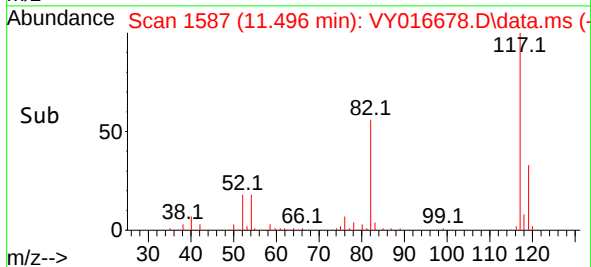
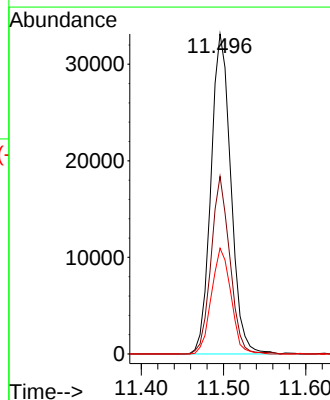
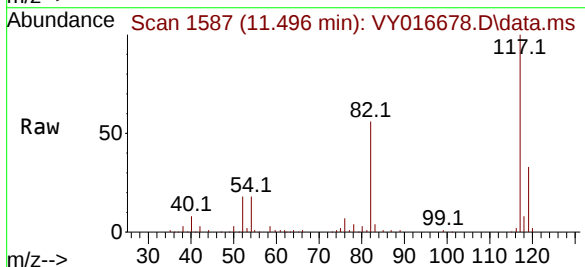
Tgt Ion: 117 Resp: 55843

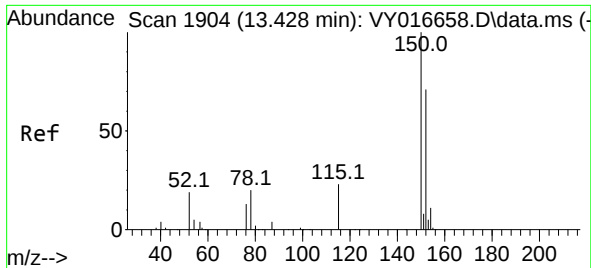
Ion Ratio Lower Upper

117 100

82 55.5 43.4 65.0

119 33.1 26.3 39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY016678.D

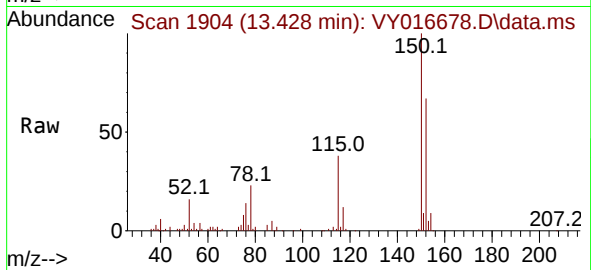
Acq: 16 Dec 2023 18:47

Instrument :

MSVOA_Y

ClientSampleId :

RT-SB-01-10-11



Tgt Ion:152 Resp: 26095

Ion Ratio Lower Upper

152 100

115 56.6 28.8 86.5

150 153.7 0.0 348.8

