

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110723\
 Data File : VY016244.D
 Acq On : 07 Nov 2023 09:31
 Operator : SY/MD
 Sample : VY1107SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1107SBL01

Quant Time: Nov 07 23:42:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103123S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 01 03:33:29 2023
 Response via : Initial Calibration

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

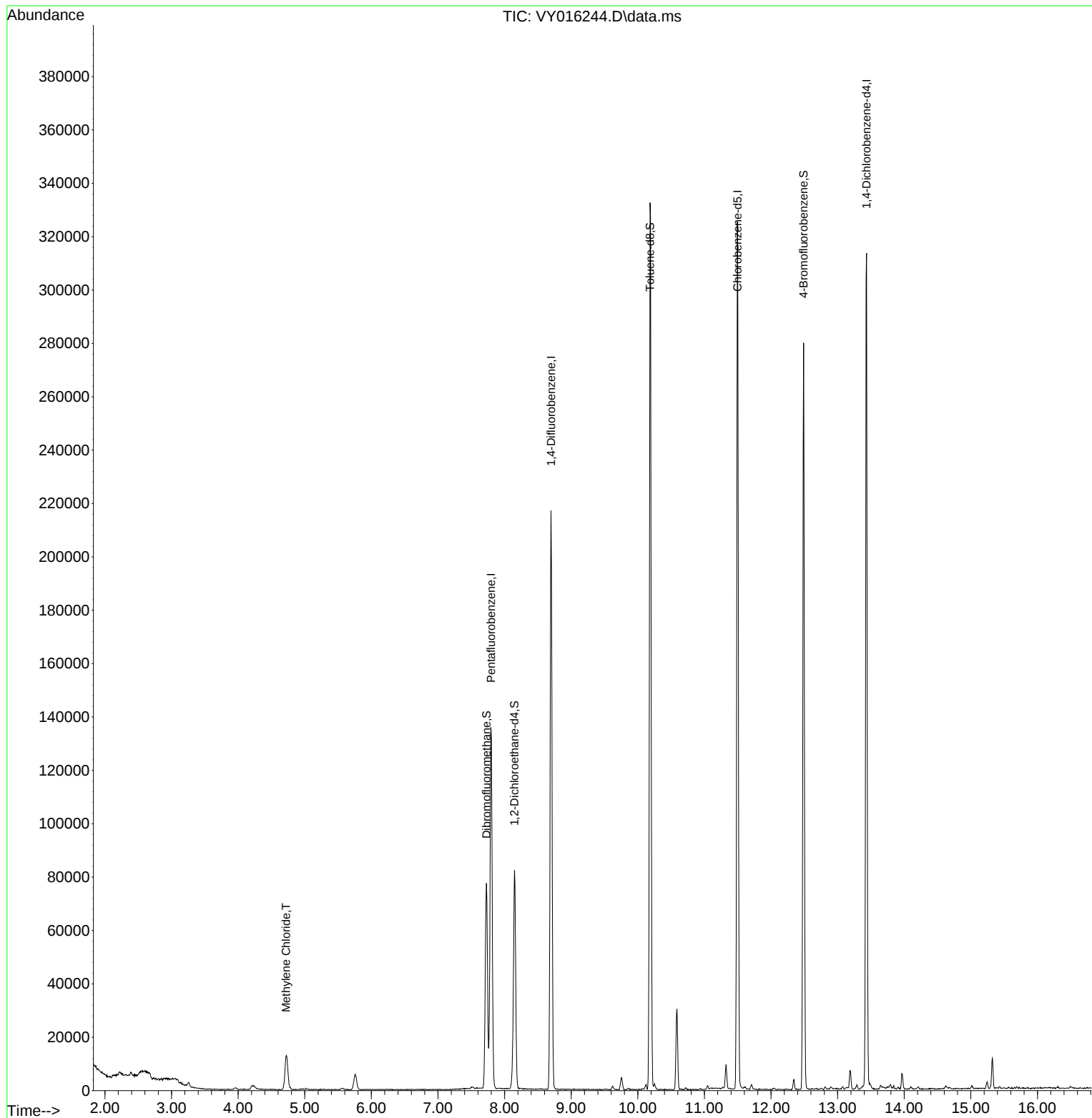
Internal Standards						
1) Pentafluorobenzene	7.795	168	106864	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	189173	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	181795	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	83712	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	62381	62.383	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	124.760%
35) Dibromofluoromethane	7.728	113	55475	49.189	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.380%
50) Toluene-d8	10.185	98	221655	49.571	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.140%
62) 4-Bromofluorobenzene	12.489	95	78348	51.241	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	102.480%
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.716	84	9952	7.176	ug/l	89

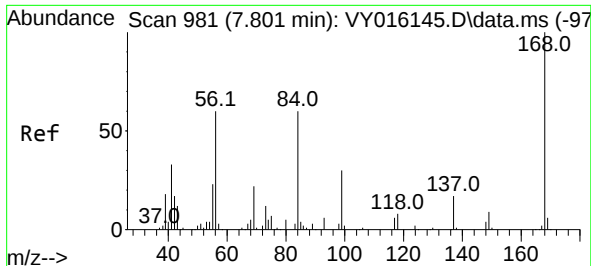
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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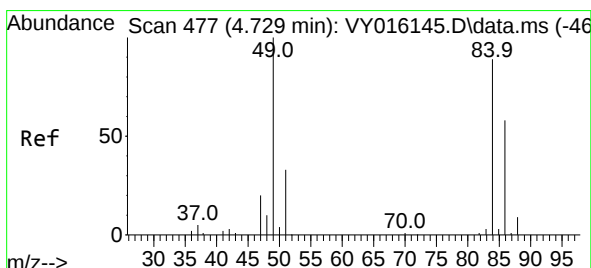
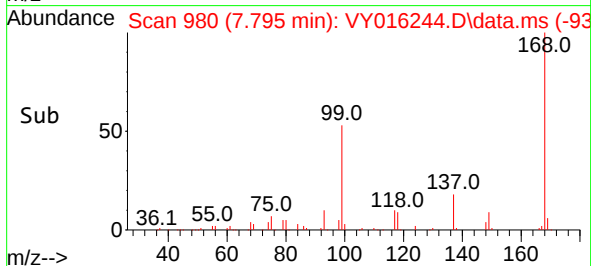
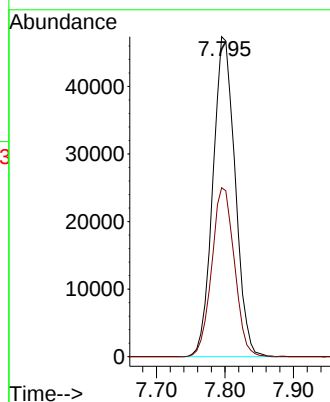
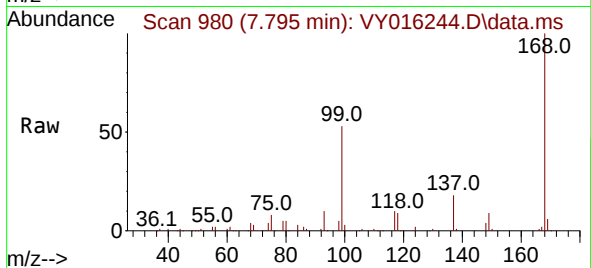




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY016244.D
Acq: 07 Nov 2023 09:31

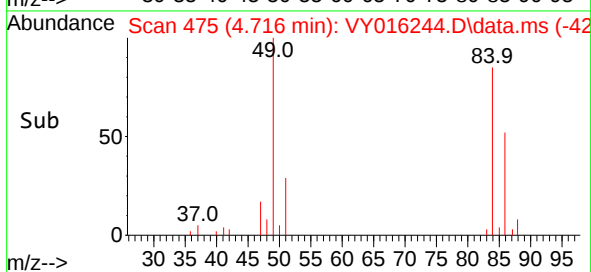
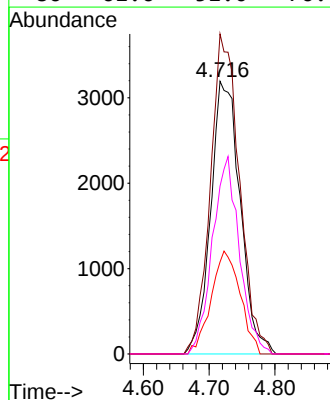
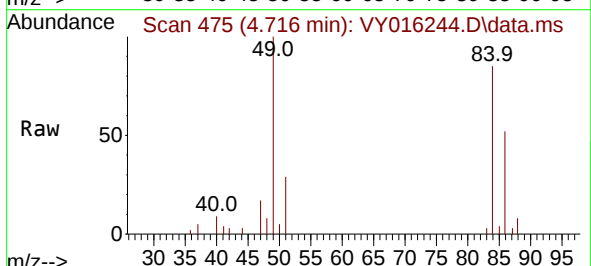
Instrument :
MSVOA_Y
ClientSampleId :
VY1107SBL01

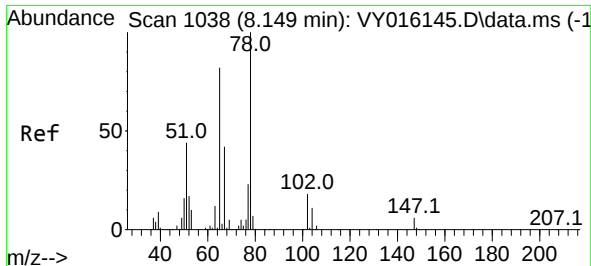
Tgt Ion:168 Resp: 106864
Ion Ratio Lower Upper
168 100
99 52.8 43.4 65.0



#20
Methylene Chloride
Concen: 7.176 ug/l
RT: 4.716 min Scan# 475
Delta R.T. -0.013 min
Lab File: VY016244.D
Acq: 07 Nov 2023 09:31

Tgt Ion: 84 Resp: 9952
Ion Ratio Lower Upper
84 100
49 117.4 106.9 160.3
51 33.7 33.2 49.8
86 61.6 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 62.383 ug/l

RT: 8.149 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY016244.D

Acq: 07 Nov 2023 09:31

Instrument :

MSVOA_Y

ClientSampleId :

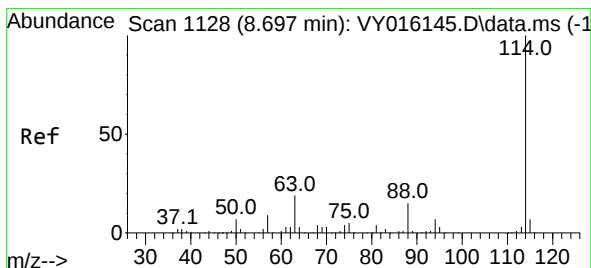
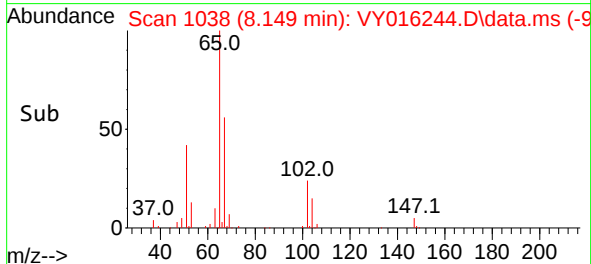
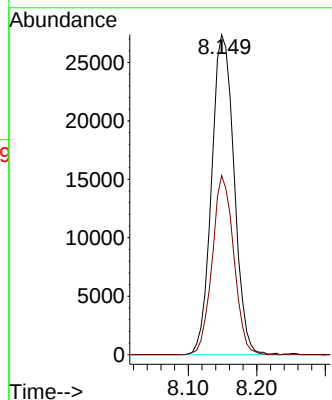
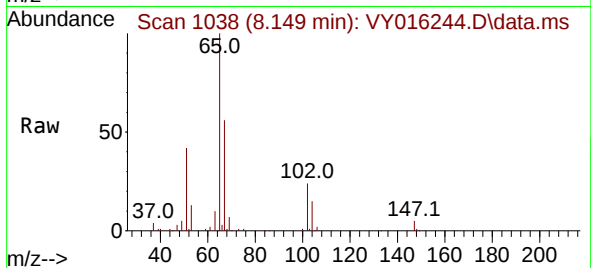
VY1107SBL01

Tgt Ion: 65 Resp: 62381

Ion Ratio Lower Upper

65 100

67 53.6 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VY016244.D

Acq: 07 Nov 2023 09:31

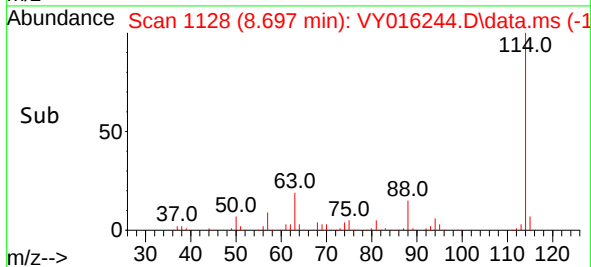
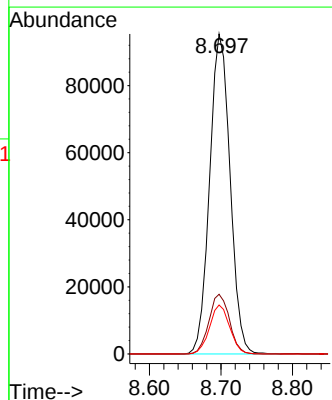
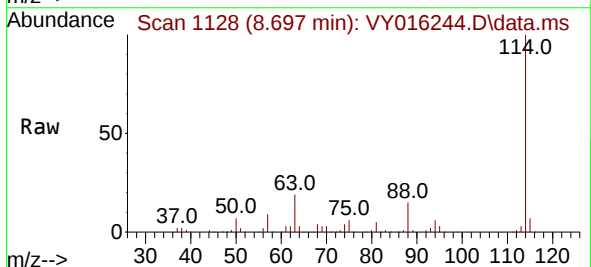
Tgt Ion: 114 Resp: 189173

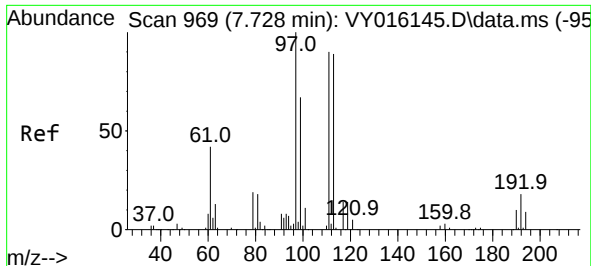
Ion Ratio Lower Upper

114 100

63 18.7 0.0 42.4

88 15.3 0.0 30.6

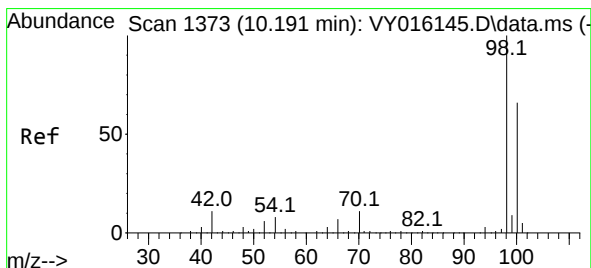
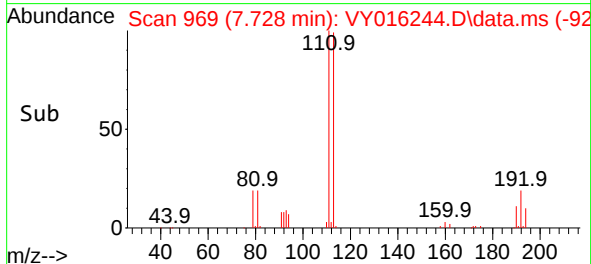
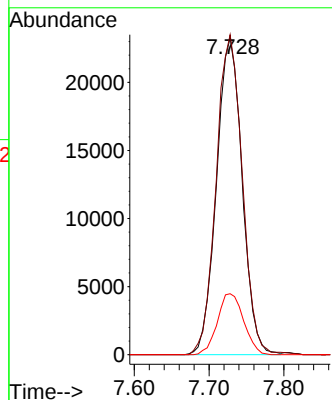
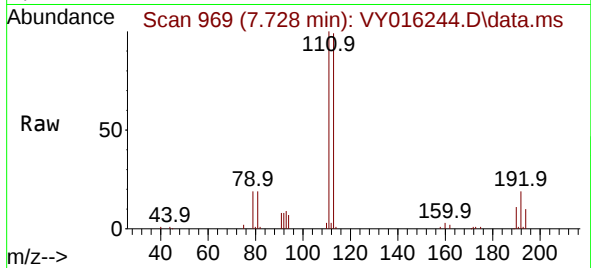




#35
Dibromofluoromethane
Concen: 49.189 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY016244.D
Acq: 07 Nov 2023 09:31

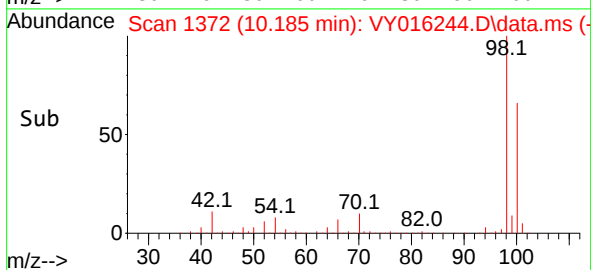
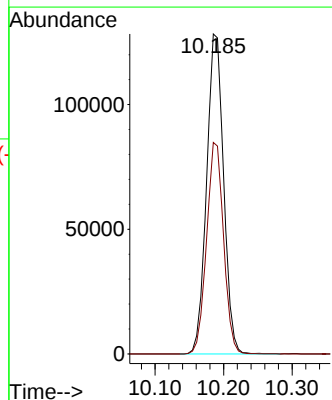
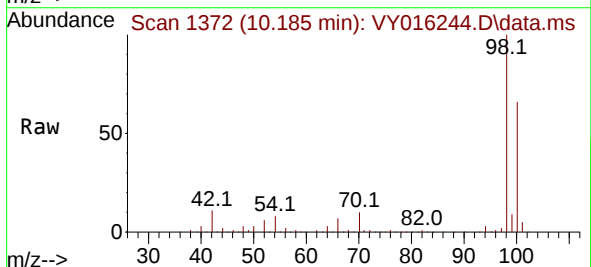
Instrument :
MSVOA_Y
ClientSampleId :
VY1107SBL01

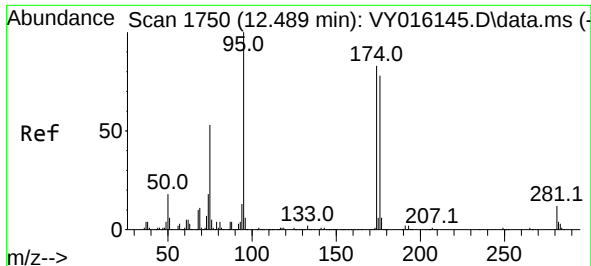
Tgt Ion:113 Resp: 55475
Ion Ratio Lower Upper
113 100
111 102.8 81.3 121.9
192 19.7 16.9 25.3



#50
Toluene-d8
Concen: 49.571 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.006 min
Lab File: VY016244.D
Acq: 07 Nov 2023 09:31

Tgt Ion: 98 Resp: 221655
Ion Ratio Lower Upper
98 100
100 66.0 50.1 75.1





#62

4-Bromofluorobenzene

Concen: 51.241 ug/l

RT: 12.489 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY016244.D

Acq: 07 Nov 2023 09:31

Instrument :

MSVOA_Y

ClientSampleId :

VY1107SBL01

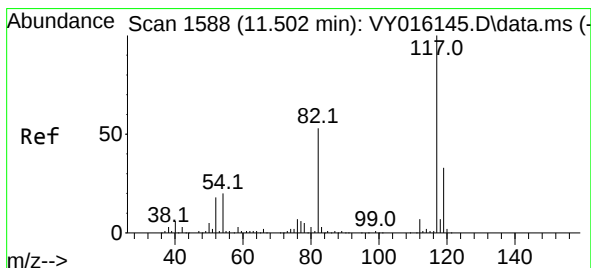
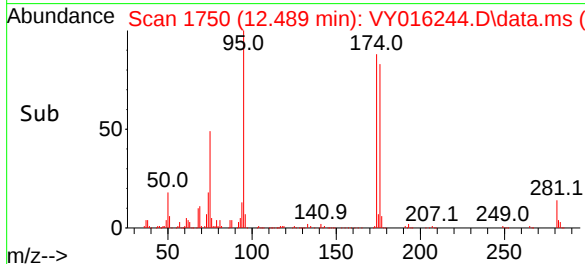
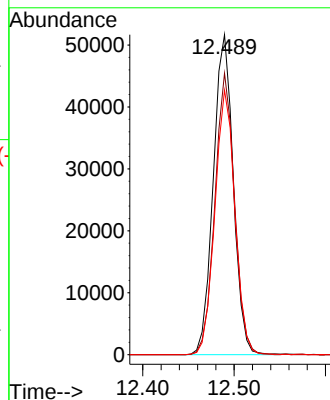
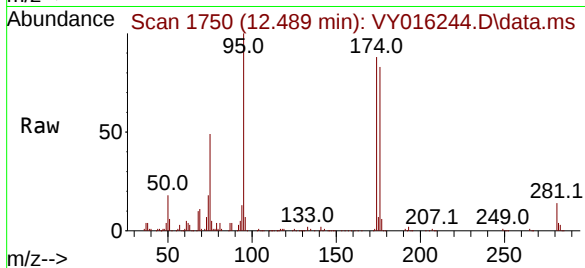
Tgt Ion: 95 Resp: 78348

Ion Ratio Lower Upper

95 100

174 86.9 0.0 178.2

176 82.9 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: VY016244.D

Acq: 07 Nov 2023 09:31

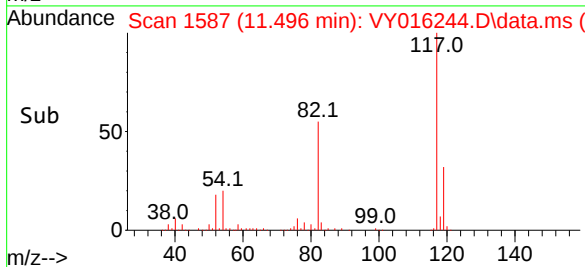
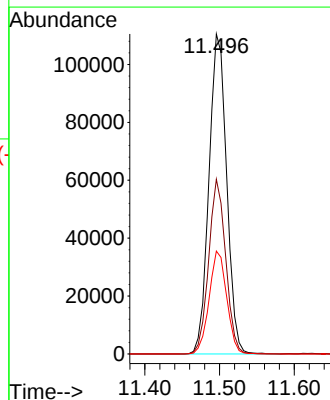
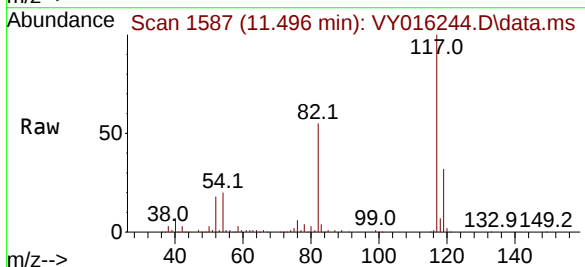
Tgt Ion: 117 Resp: 181795

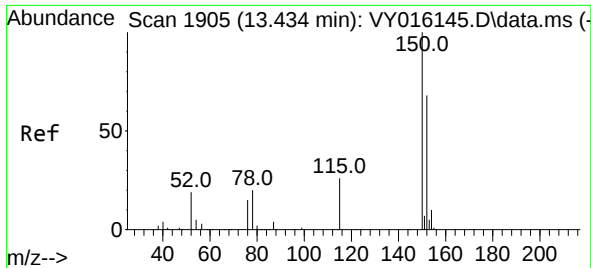
Ion Ratio Lower Upper

117 100

82 54.6 43.4 65.0

119 32.2 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: VY016244.D

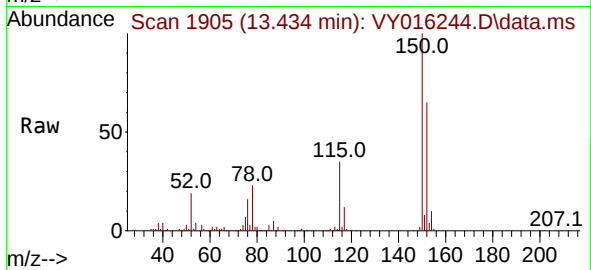
Acq: 07 Nov 2023 09:31

Instrument :

MSVOA_Y

ClientSampleId :

VY1107SBL01



Tgt Ion:152 Resp: 83712

Ion Ratio Lower Upper

152 100

115 56.9 28.8 86.5

150 156.4 0.0 348.8

