

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051221\
 Data File : VY004756.D
 Acq On : 12 May 2021 16:15
 Operator : SY/MD
 Sample : M2369-02
 Misc : 6.58G/5ML/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RO-365

Quant Time: May 13 00:56:45 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051021S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 11 04:13:44 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	155397	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	282174	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	266937	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	116913	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	106277	57.46	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.92%
35) Dibromofluoromethane	7.728	113	89027	57.63	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	115.26%
50) Toluene-d8	10.185	98	349971	50.15	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.30%
62) 4-Bromofluorobenzene	12.489	95	119807	50.87	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	101.74%

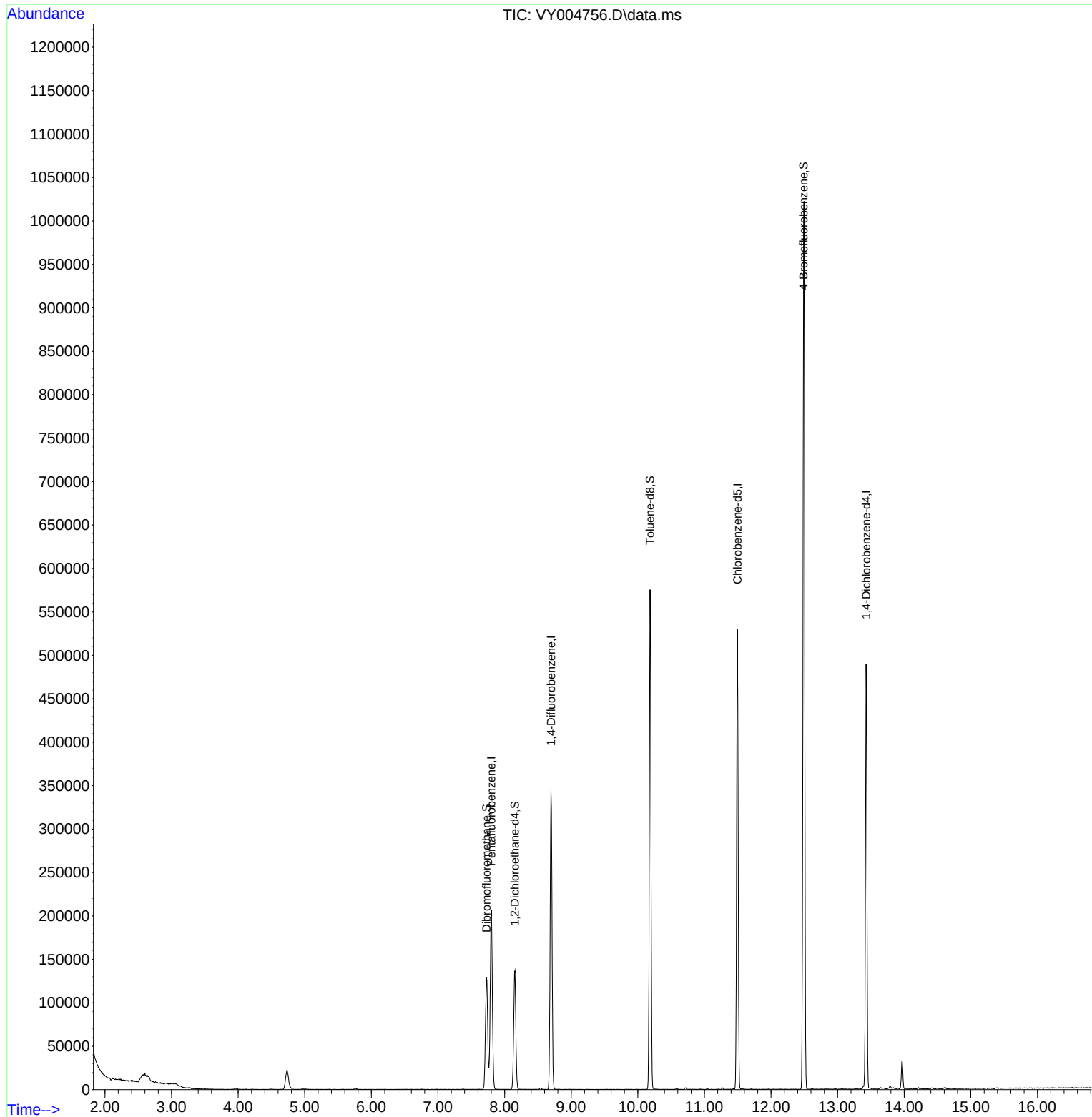
Target Compounds	Qvalue

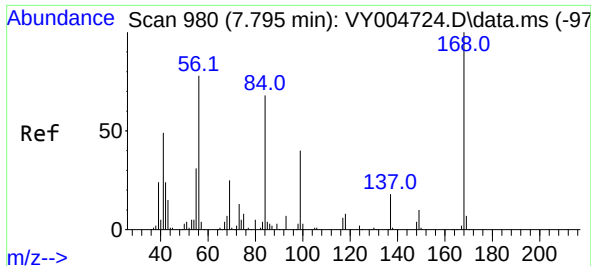
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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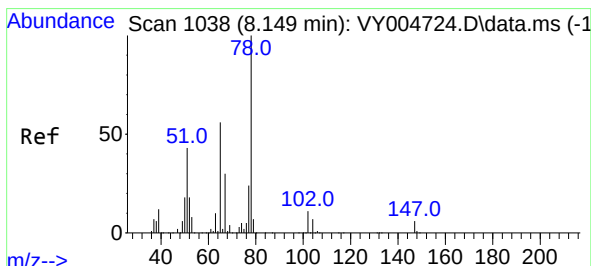
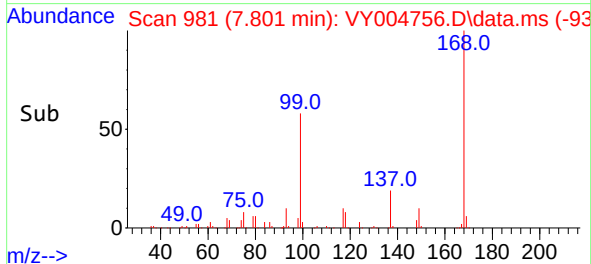
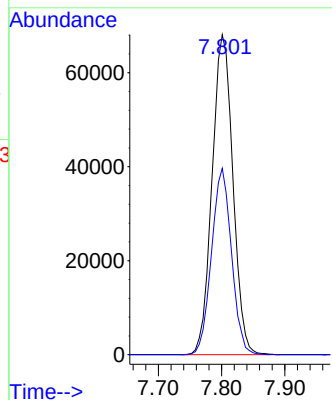
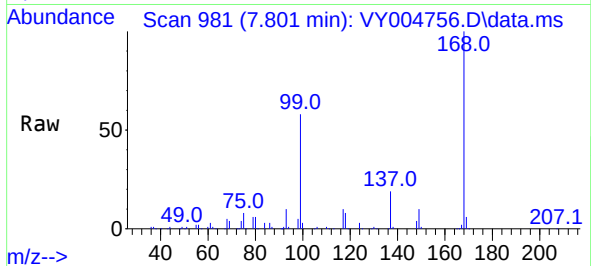




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY004756.D
Acq: 12 May 2021 16:15

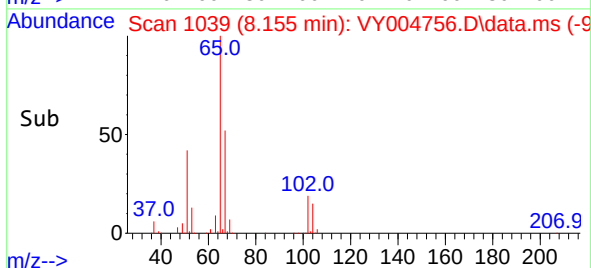
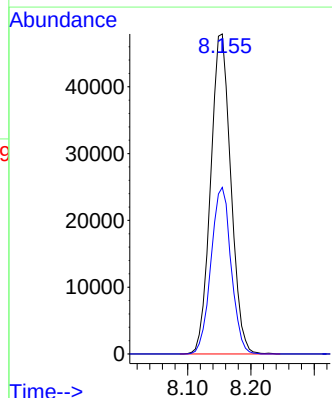
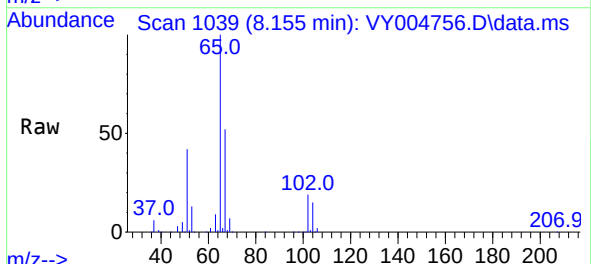
Instrument :
MSVOA_Y
ClientSampleId :
RO-365

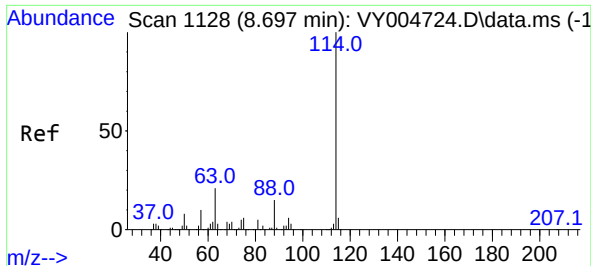
Tgt Ion:168 Resp: 155397
Ion Ratio Lower Upper
168 100
99 58.3 45.6 68.4



#33
1,2-Dichloroethane-d4
Concen: 57.46 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY004756.D
Acq: 12 May 2021 16:15

Tgt Ion: 65 Resp: 106277
Ion Ratio Lower Upper
65 100
67 51.8 0.0 108.0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VY004756.D

Acq: 12 May 2021 16:15

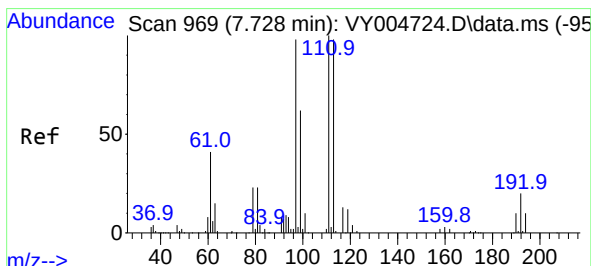
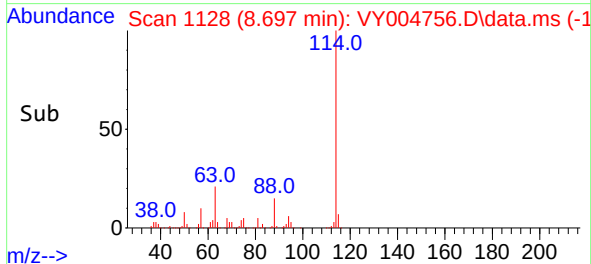
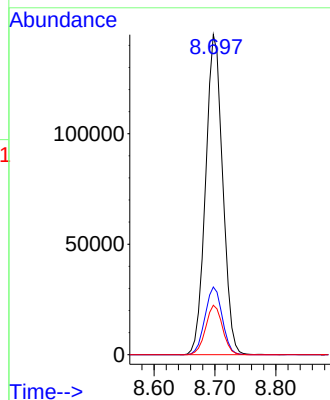
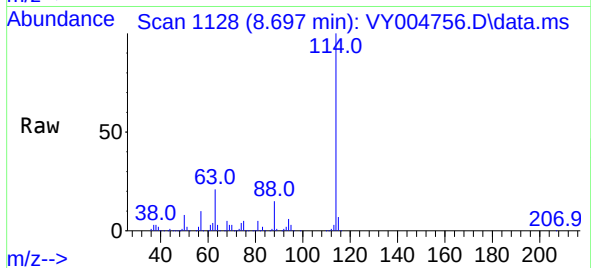
Tgt Ion:114 Resp: 282174

Ion Ratio Lower Upper

114 100

63 21.2 0.0 42.8

88 15.4 0.0 31.0



#35

Dibromofluoromethane

Concen: 57.63 ug/l

RT: 7.728 min Scan# 969

Delta R.T. -0.000 min

Lab File: VY004756.D

Acq: 12 May 2021 16:15

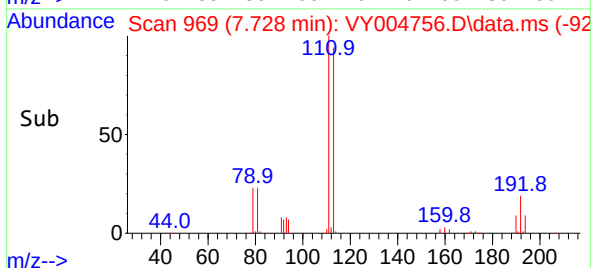
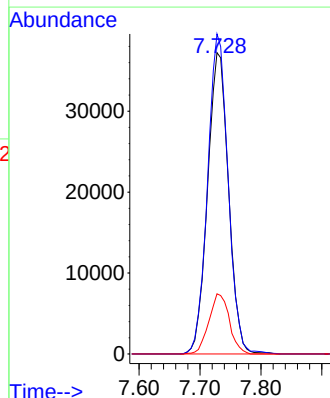
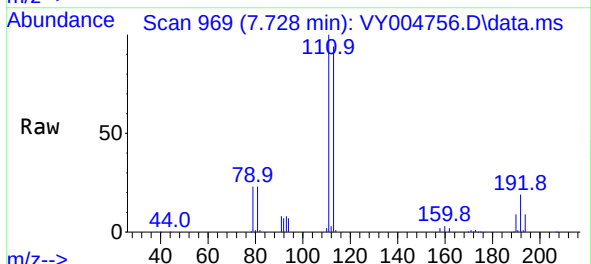
Tgt Ion:113 Resp: 89027

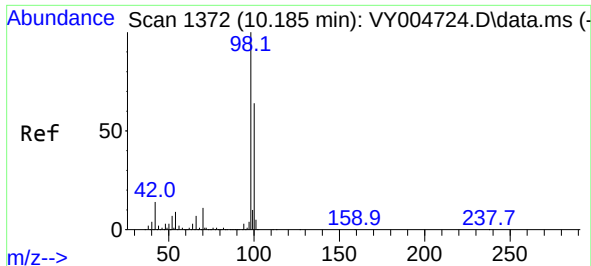
Ion Ratio Lower Upper

113 100

111 103.8 80.5 120.7

192 19.5 15.0 22.6

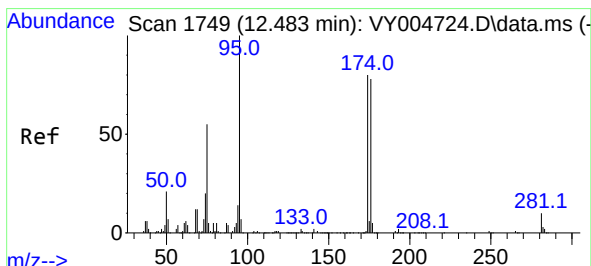
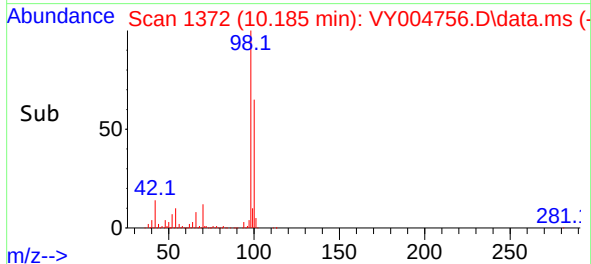
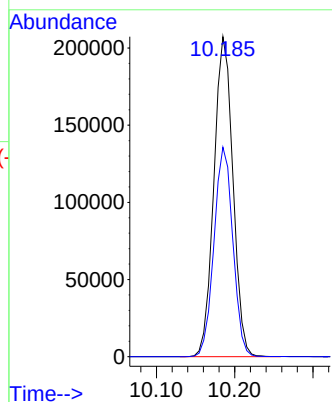
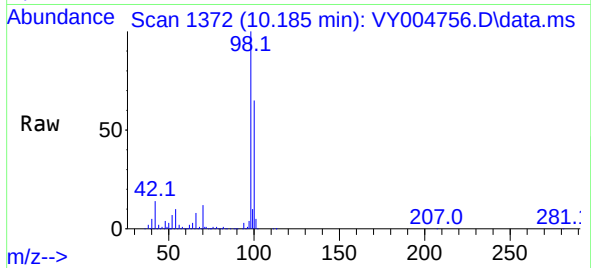




#50
Toluene-d8
Concen: 50.15 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004756.D
Acq: 12 May 2021 16:15

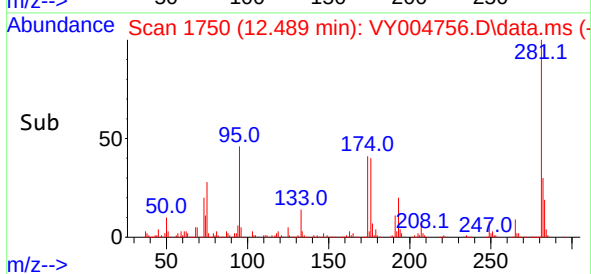
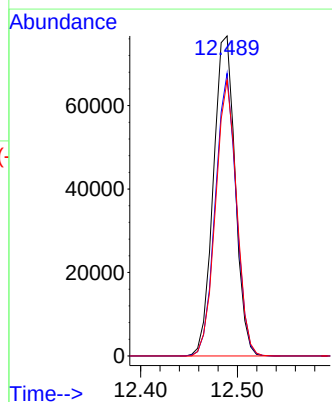
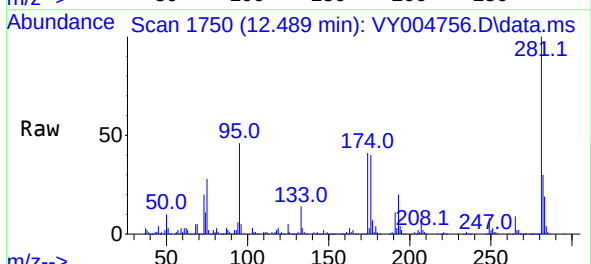
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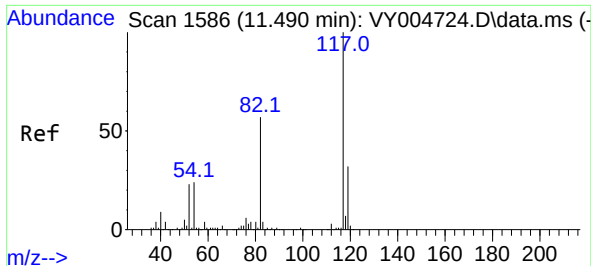
Tgt Ion: 98 Resp: 349971
Ion Ratio Lower Upper
98 100
100 64.9 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 50.87 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY004756.D
Acq: 12 May 2021 16:15

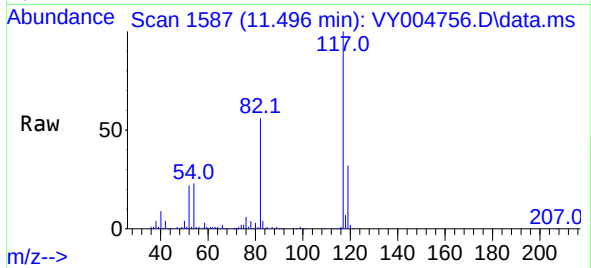
Tgt Ion: 95 Resp: 119807
Ion Ratio Lower Upper
95 100
174 84.4 0.0 164.2
176 83.4 0.0 159.0



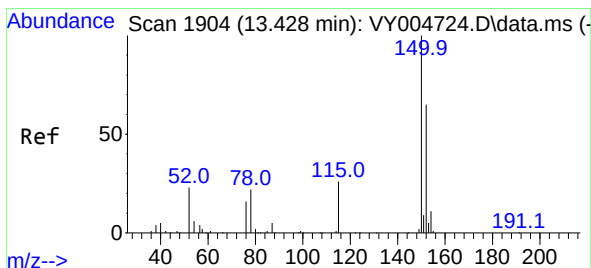
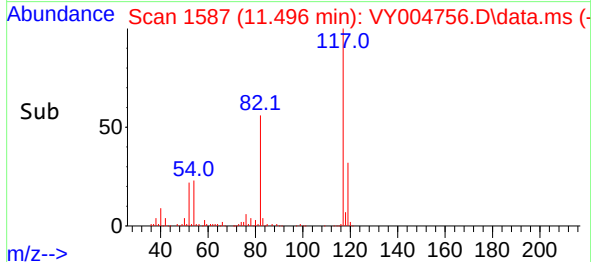
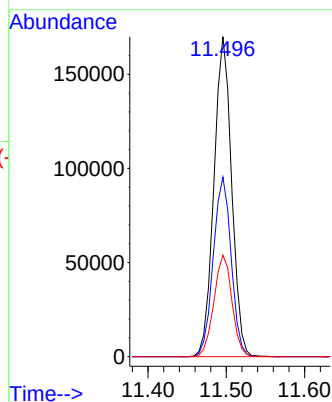


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY004756.D
Acq: 12 May 2021 16:15

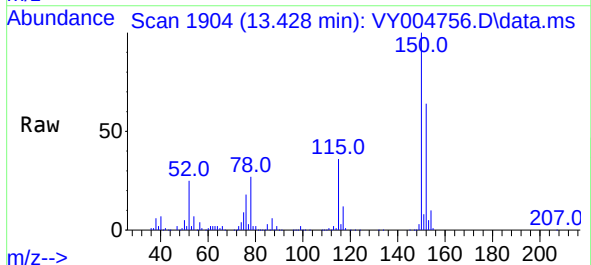
Instrument :
MSVOA_Y
ClientSampled :
RO-365



Tgt Ion:117 Resp: 266937
Ion Ratio Lower Upper
117 100
82 56.1 45.4 68.2
119 31.7 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY004756.D
Acq: 12 May 2021 16:15



Tgt Ion:152 Resp: 116913
Ion Ratio Lower Upper
152 100
115 57.5 29.4 88.3
150 157.0 0.0 349.8

