

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122123\
 Data File : VY016758.D
 Acq On : 21 Dec 2023 15:43
 Operator : SY/MD
 Sample : 05877-08
 Misc : 2.19g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COM37

Quant Time: Dec 22 00:43:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122023S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 21 01:49:45 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	115300	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.704	114	243714	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	224066	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.441	152	79420	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	67429	64.062	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	128.120%
35) Dibromofluoromethane	7.728	113	67550	48.386	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.780%
50) Toluene-d8	10.191	98	239502	47.590	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.180%
62) 4-Bromofluorobenzene	12.496	95	74009	45.328	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	90.660%

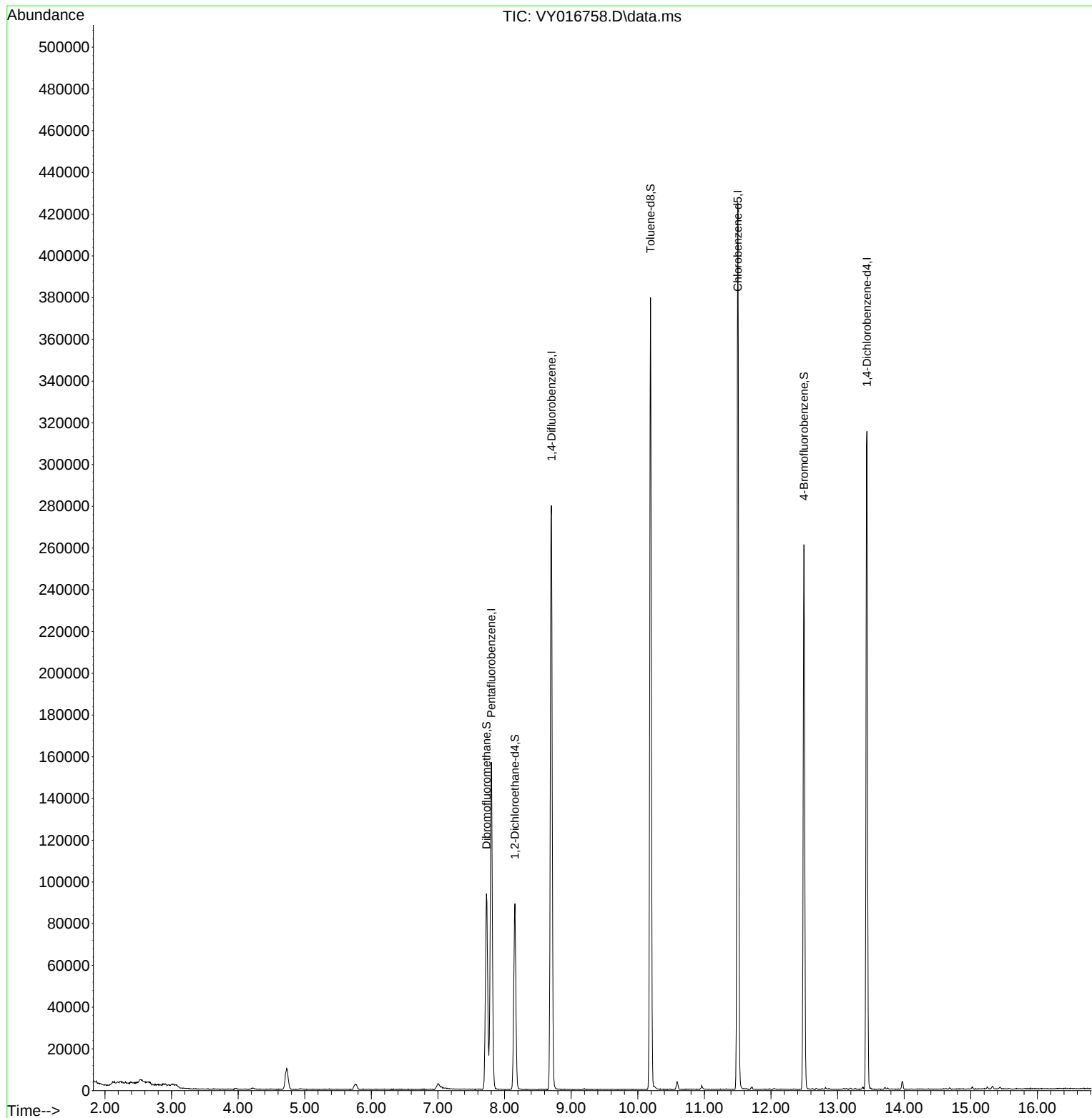
Target Compounds	Qvalue

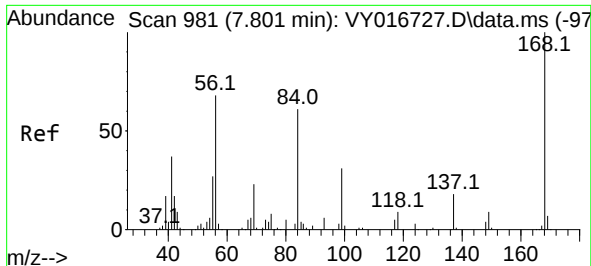
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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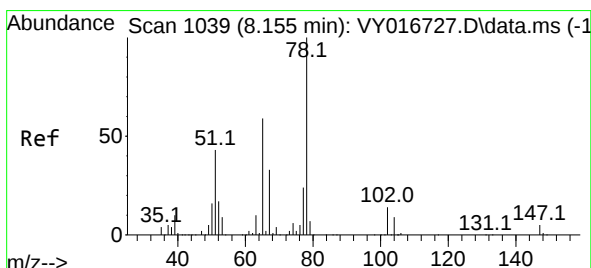
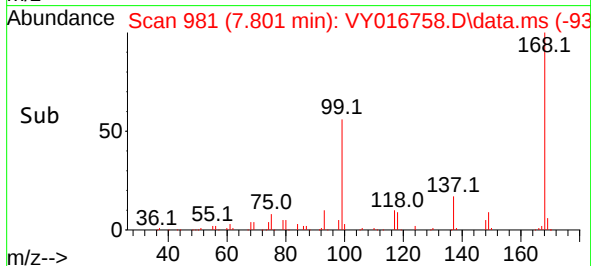
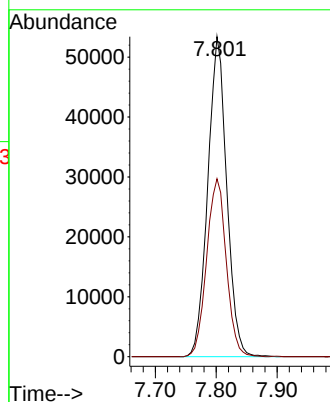
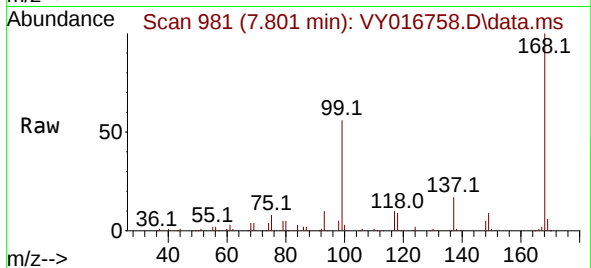




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY016758.D
Acq: 21 Dec 2023 15:43

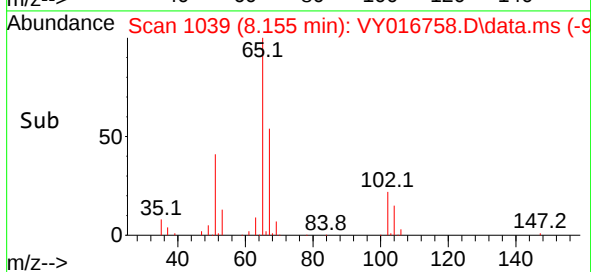
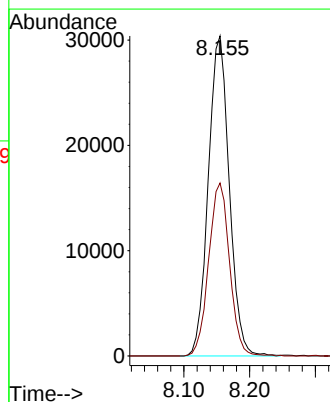
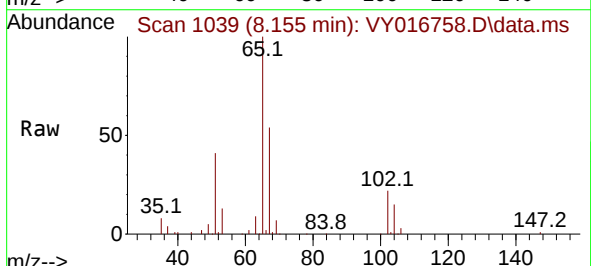
Instrument :
MSVOA_Y
ClientSampleId :
COM37

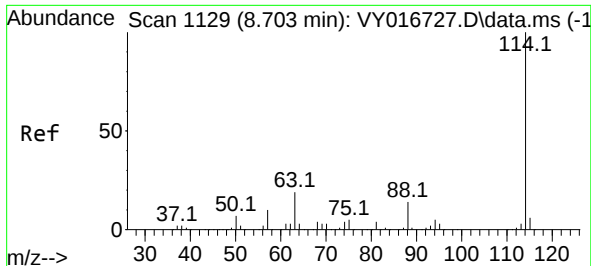
Tgt Ion:168 Resp: 115300
Ion Ratio Lower Upper
168 100
99 55.6 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 64.062 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.000 min
Lab File: VY016758.D
Acq: 21 Dec 2023 15:43

Tgt Ion: 65 Resp: 67429
Ion Ratio Lower Upper
65 100
67 53.9 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.704 min Scan# 1129

Delta R.T. 0.001 min

Lab File: VY016758.D

Acq: 21 Dec 2023 15:43

Instrument :

MSVOA_Y

ClientSampleId :

COM37

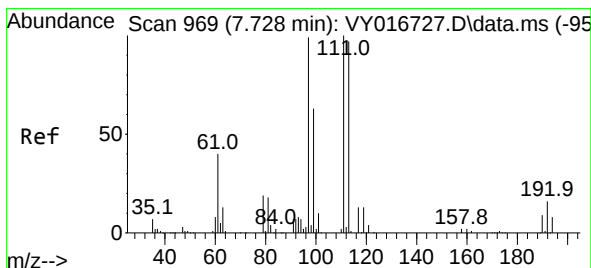
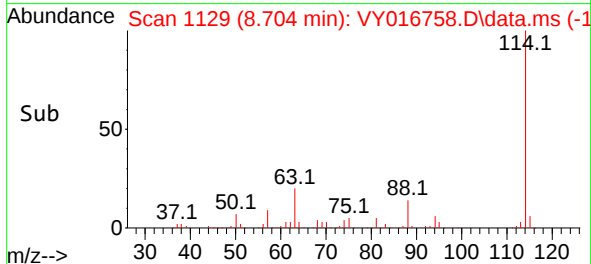
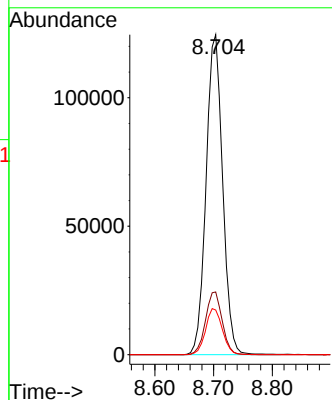
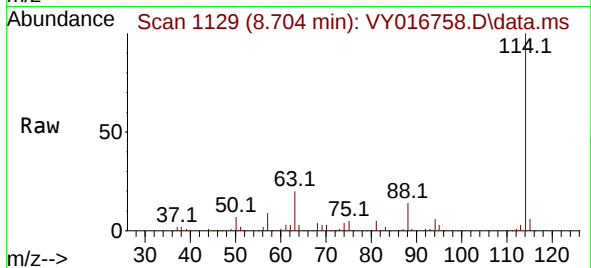
Tgt Ion:114 Resp: 243714

Ion Ratio Lower Upper

114 100

63 19.6 0.0 37.4

88 14.0 0.0 29.0



#35

Dibromofluoromethane

Concen: 48.386 ug/l

RT: 7.728 min Scan# 969

Delta R.T. 0.000 min

Lab File: VY016758.D

Acq: 21 Dec 2023 15:43

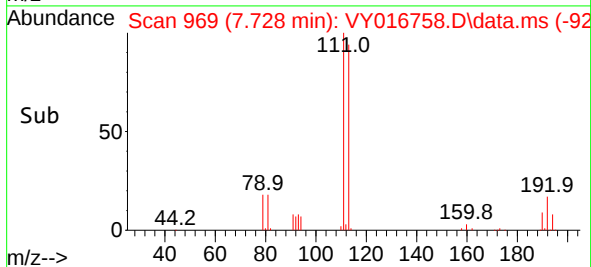
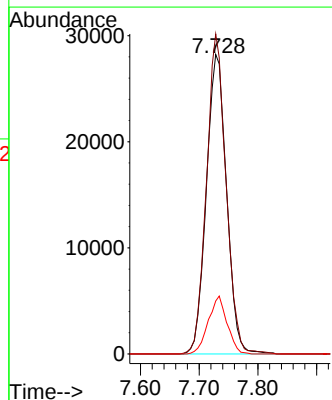
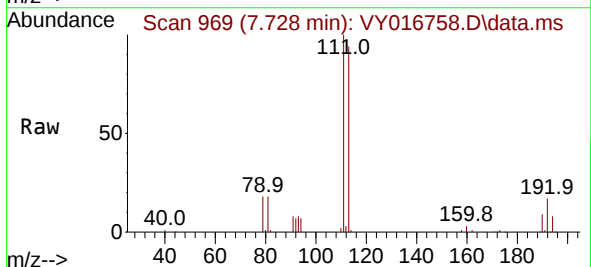
Tgt Ion:113 Resp: 67550

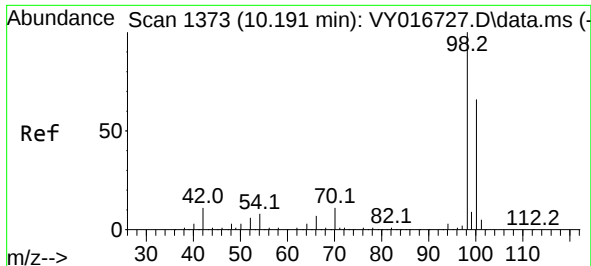
Ion Ratio Lower Upper

113 100

111 103.3 83.8 125.6

192 18.0 14.5 21.7

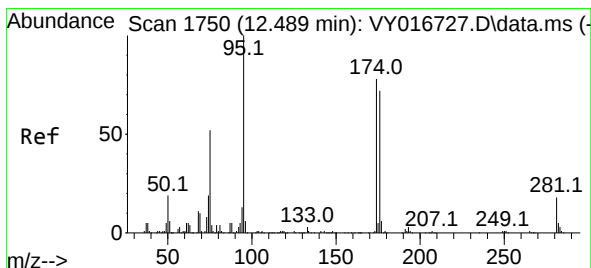
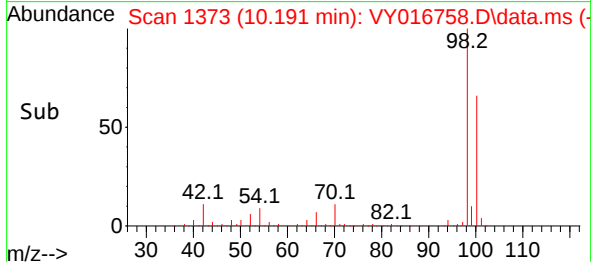
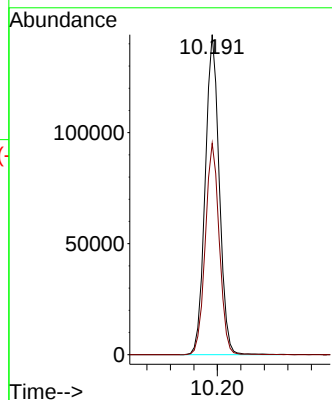
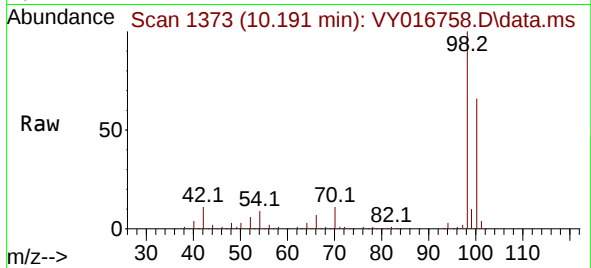




#50
Toluene-d8
Concen: 47.590 ug/l
RT: 10.191 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY016758.D
Acq: 21 Dec 2023 15:43

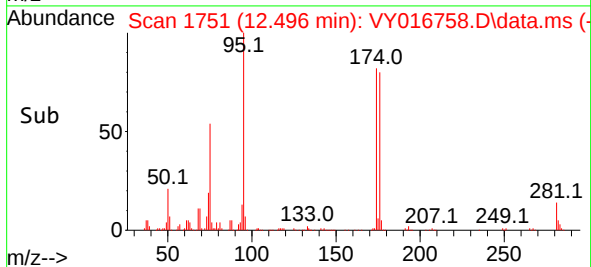
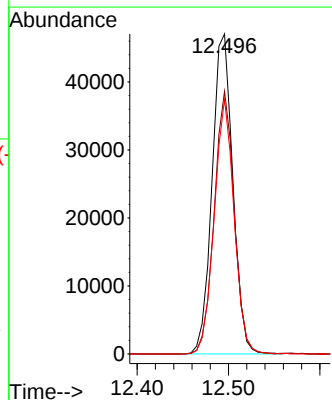
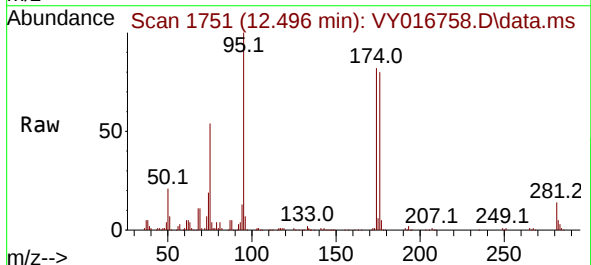
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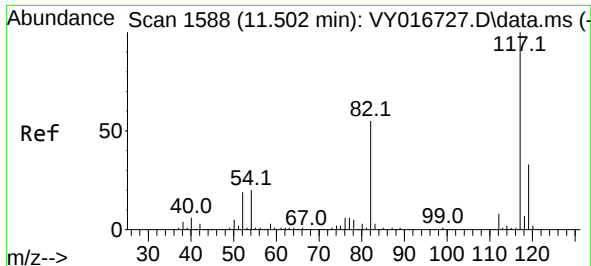
Tgt Ion: 98 Resp: 239502
Ion Ratio Lower Upper
98 100
100 65.6 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 45.328 ug/l
RT: 12.496 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY016758.D
Acq: 21 Dec 2023 15:43

Tgt Ion: 95 Resp: 74009
Ion Ratio Lower Upper
95 100
174 79.5 0.0 160.0
176 76.4 0.0 151.8

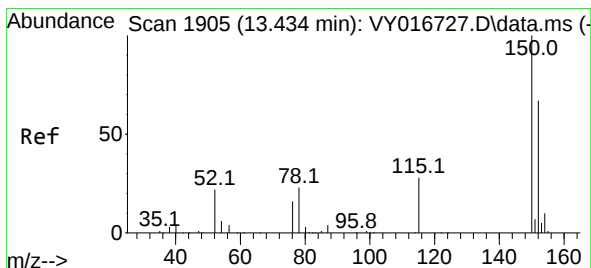
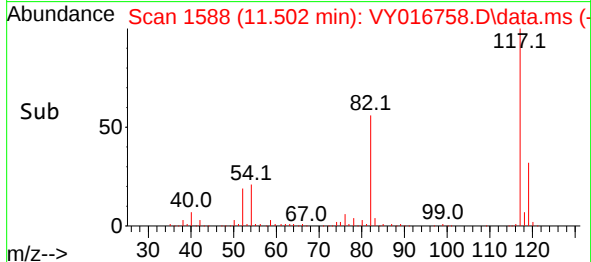
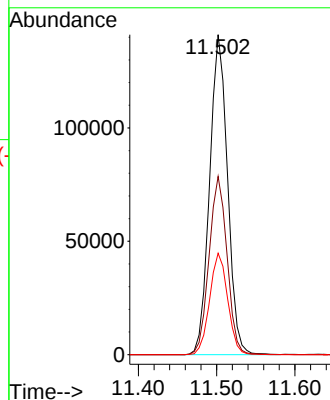
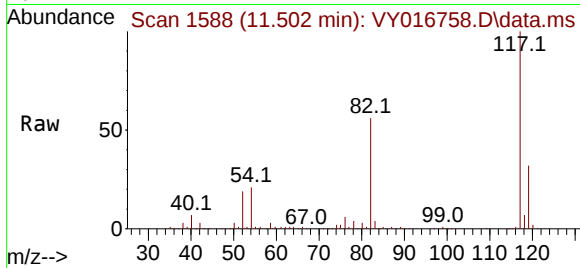




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY016758.D
Acq: 21 Dec 2023 15:43

Instrument :
MSVOA_Y
ClientSampleId :
COM37

Tgt Ion:117 Resp: 224066
Ion Ratio Lower Upper
117 100
82 55.7 43.8 65.8
119 31.7 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.441 min Scan# 1906
Delta R.T. 0.006 min
Lab File: VY016758.D
Acq: 21 Dec 2023 15:43

Tgt Ion:152 Resp: 79420
Ion Ratio Lower Upper
152 100
115 60.5 30.0 90.0
150 158.2 0.0 344.6

