

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122123\
 Data File : VY016761.D
 Acq On : 21 Dec 2023 17:00
 Operator : SY/MD
 Sample : 05878-10
 Misc : 2.11g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COM42

Quant Time: Dec 22 00:44:28 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	7.813	168	140594	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.709	114	337857	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.508	117	340852	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	128259	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	87494	68.170	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	136.340%
35) Dibromofluoromethane	7.740	113	96240	49.728	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.460%
50) Toluene-d8	10.197	98	354310	50.785	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.580%
62) 4-Bromofluorobenzene	12.495	95	115102	50.853	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	101.700%

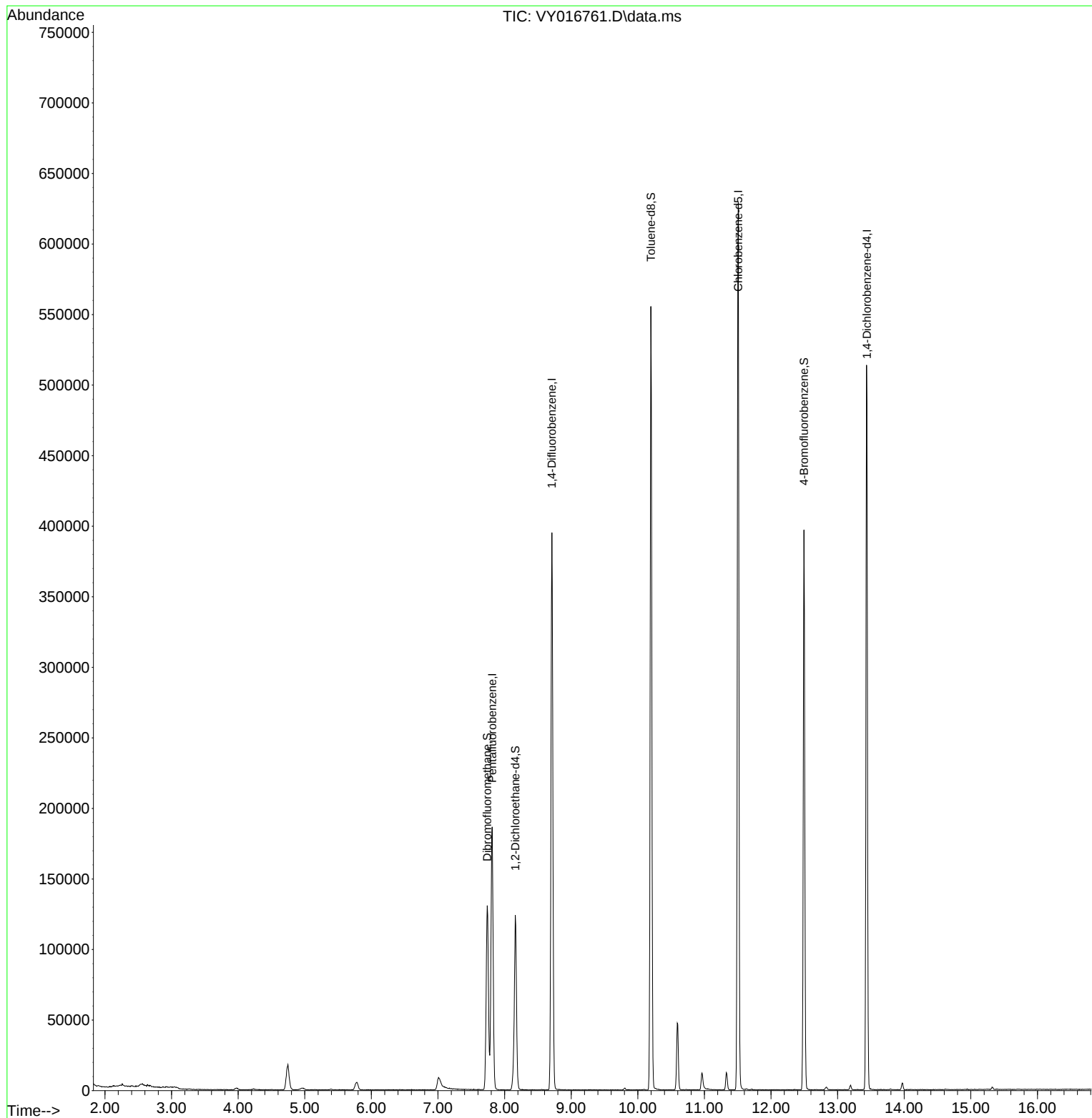
Target Compounds	Qvalue

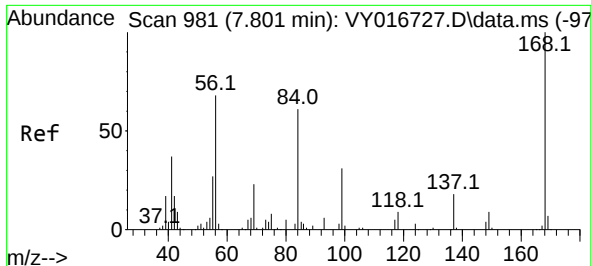
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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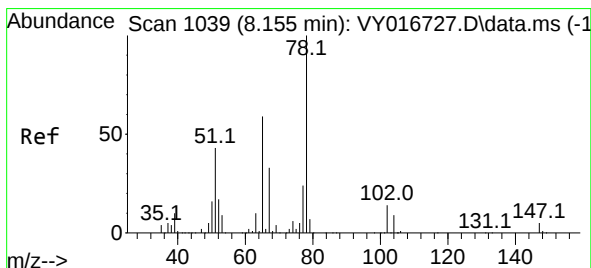
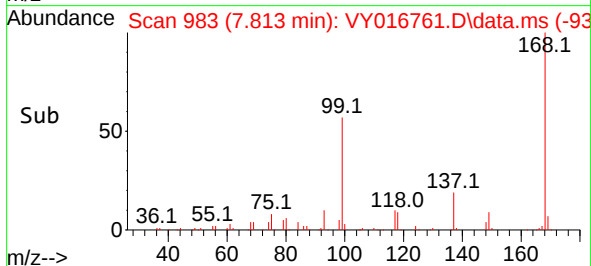
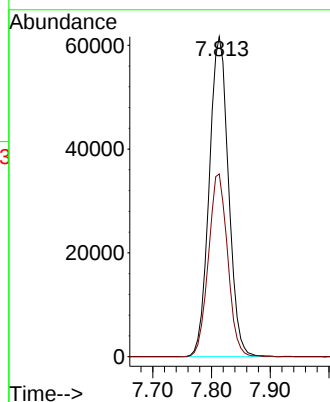
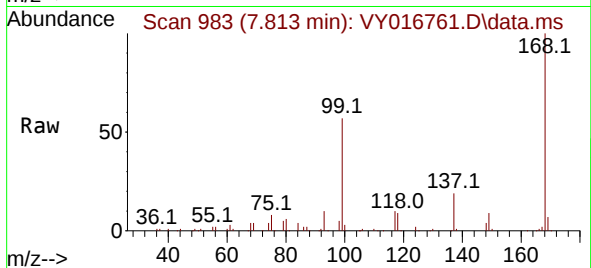




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.813 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY016761.D
Acq: 21 Dec 2023 17:00

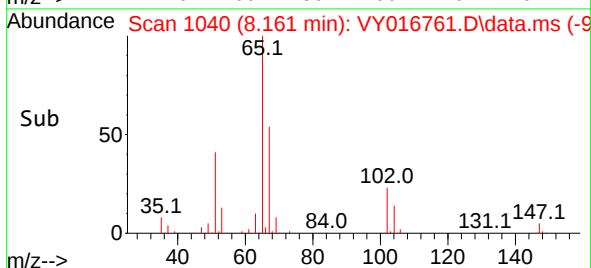
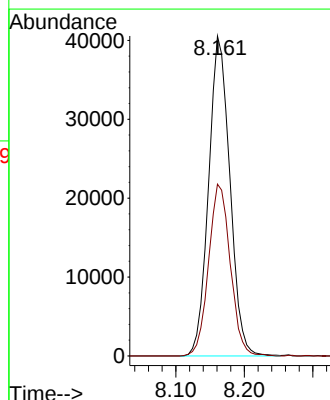
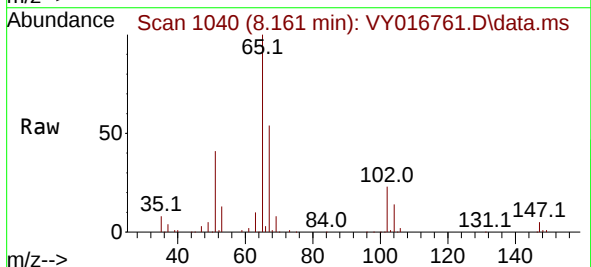
Instrument :
MSVOA_Y
ClientSampleId :
COM42

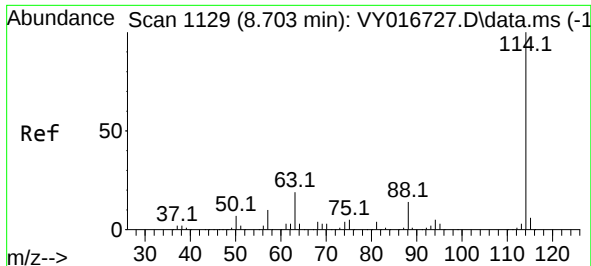
Tgt Ion:168 Resp: 140594
Ion Ratio Lower Upper
168 100
99 57.1 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 68.170 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VY016761.D
Acq: 21 Dec 2023 17:00

Tgt Ion: 65 Resp: 87494
Ion Ratio Lower Upper
65 100
67 54.7 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.709 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VY016761.D

Acq: 21 Dec 2023 17:00

Instrument :

MSVOA_Y

ClientSampleId :

COM42

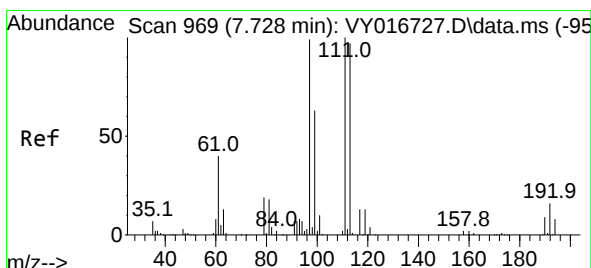
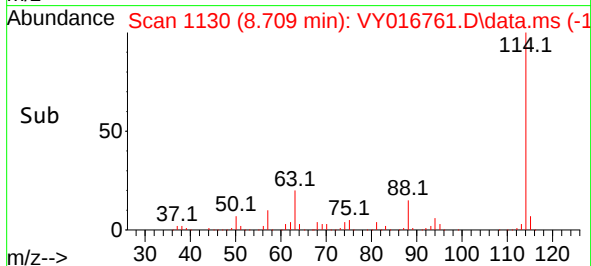
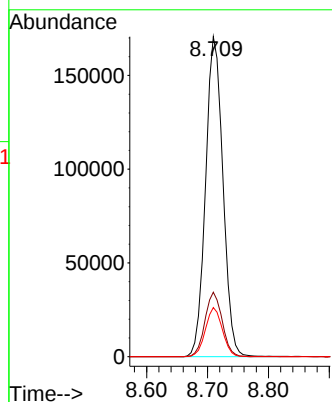
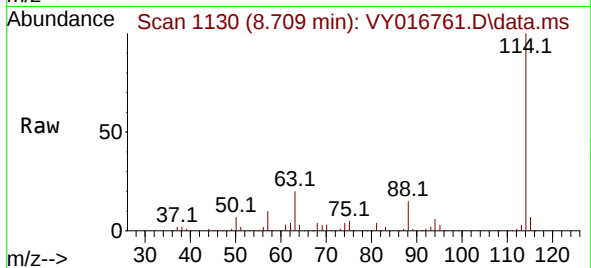
Tgt Ion:114 Resp: 337857

Ion Ratio Lower Upper

114 100

63 20.2 0.0 37.4

88 15.3 0.0 29.0



#35

Dibromofluoromethane

Concen: 49.728 ug/l

RT: 7.740 min Scan# 971

Delta R.T. 0.012 min

Lab File: VY016761.D

Acq: 21 Dec 2023 17:00

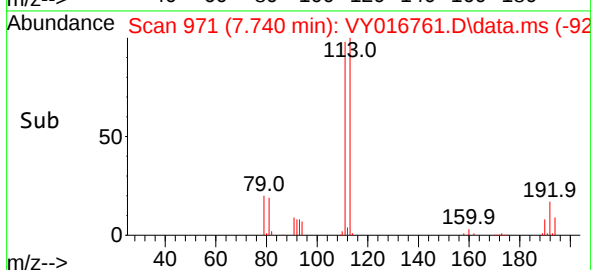
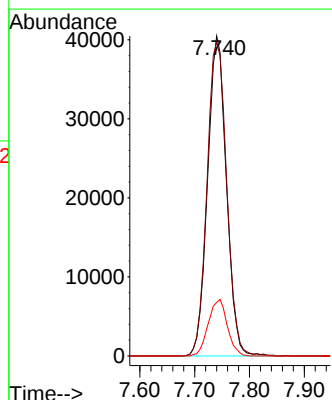
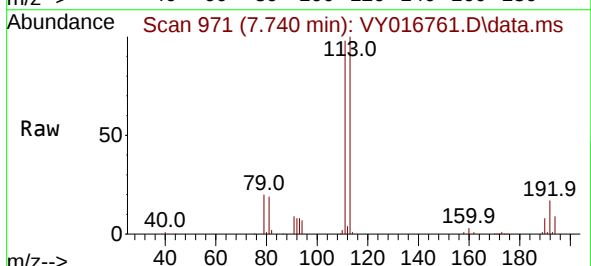
Tgt Ion:113 Resp: 96240

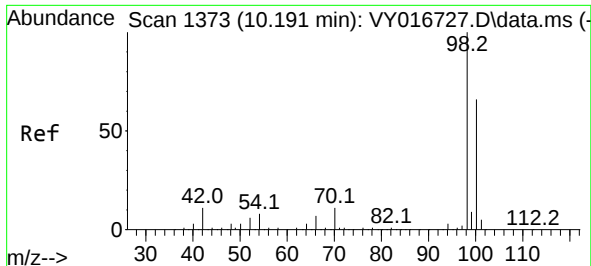
Ion Ratio Lower Upper

113 100

111 102.9 83.8 125.6

192 17.8 14.5 21.7

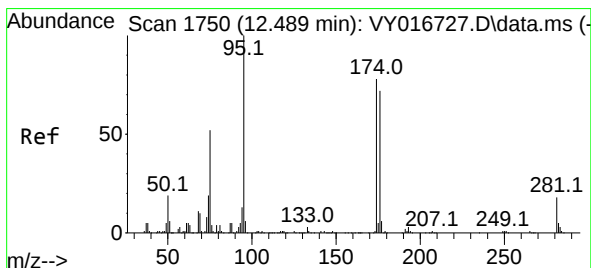
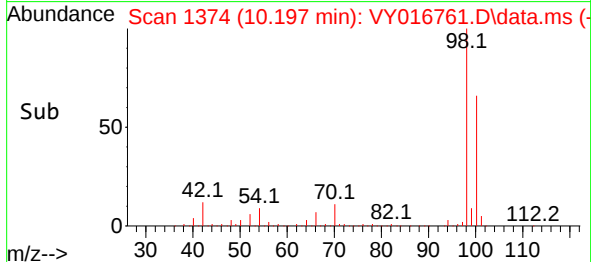
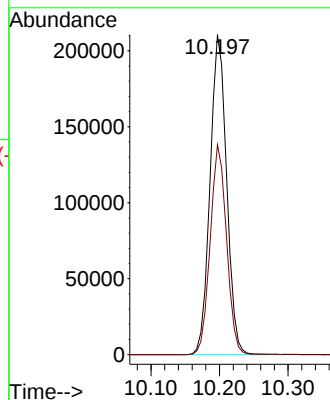
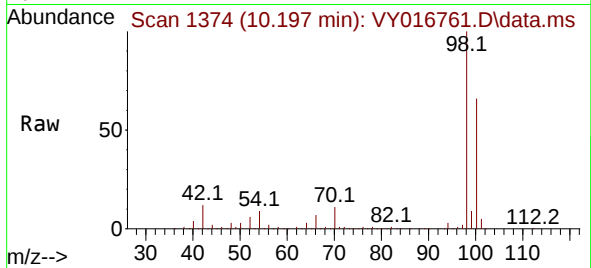




#50
Toluene-d8
Concen: 50.785 ug/l
RT: 10.197 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016761.D
Acq: 21 Dec 2023 17:00

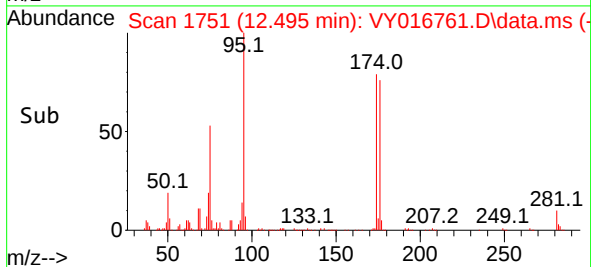
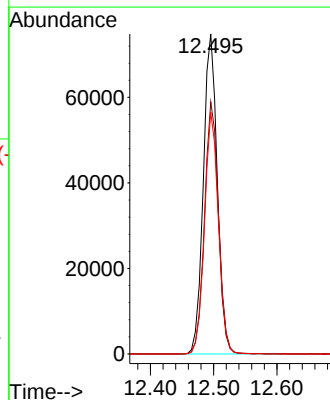
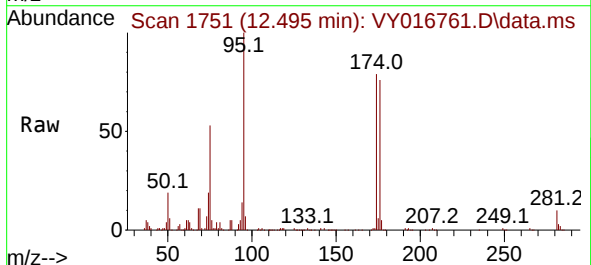
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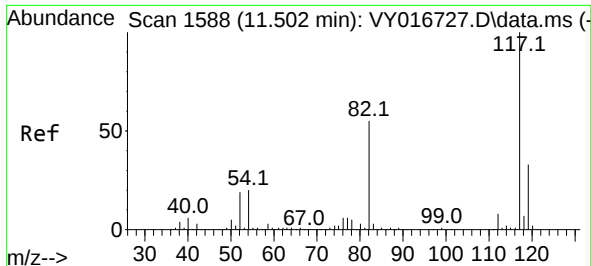
Tgt Ion: 98 Resp: 354310
Ion Ratio Lower Upper
98 100
100 64.8 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 50.853 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY016761.D
Acq: 21 Dec 2023 17:00

Tgt Ion: 95 Resp: 115102
Ion Ratio Lower Upper
95 100
174 79.2 0.0 160.0
176 74.9 0.0 151.8

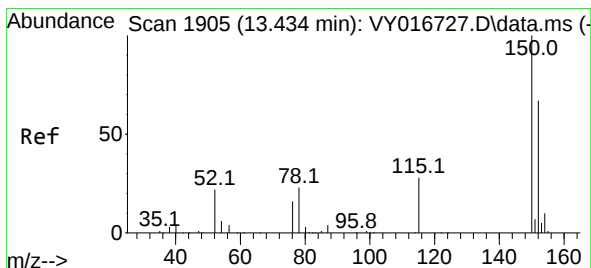
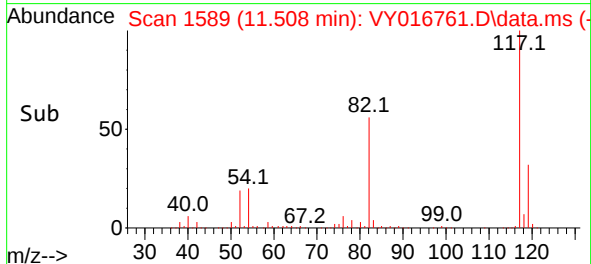
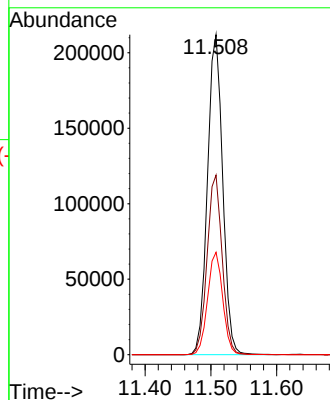
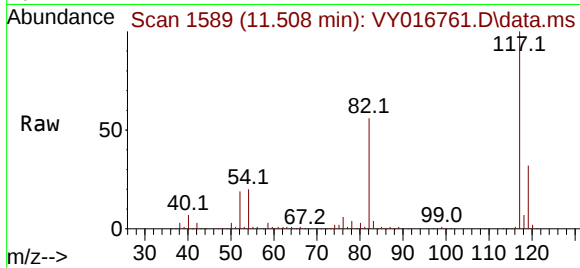




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.508 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016761.D
Acq: 21 Dec 2023 17:00

Instrument :
MSVOA_Y
ClientSampleId :
COM42

Tgt Ion:117 Resp: 340852
Ion Ratio Lower Upper
117 100
82 56.1 43.8 65.8
119 32.0 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.440 min Scan# 1906
Delta R.T. 0.006 min
Lab File: VY016761.D
Acq: 21 Dec 2023 17:00

Tgt Ion:152 Resp: 128259
Ion Ratio Lower Upper
152 100
115 59.9 30.0 90.0
150 157.3 0.0 344.6

