

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120123\
 Data File : VY016553.D
 Acq On : 01 Dec 2023 09:57
 Operator : SY/MD
 Sample : VY1201SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1201SBL01

Quant Time: Dec 01 23:35:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y112923S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 30 03:28:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.807	168	103925	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.710	114	172389	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.508	117	160159	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	67719	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	50757	61.819	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	123.640%
35) Dibromofluoromethane	7.740	113	53430	52.809	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.620%
50) Toluene-d8	10.197	98	197223	50.258	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.520%
62) 4-Bromofluorobenzene	12.495	95	63597	51.662	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	103.320%

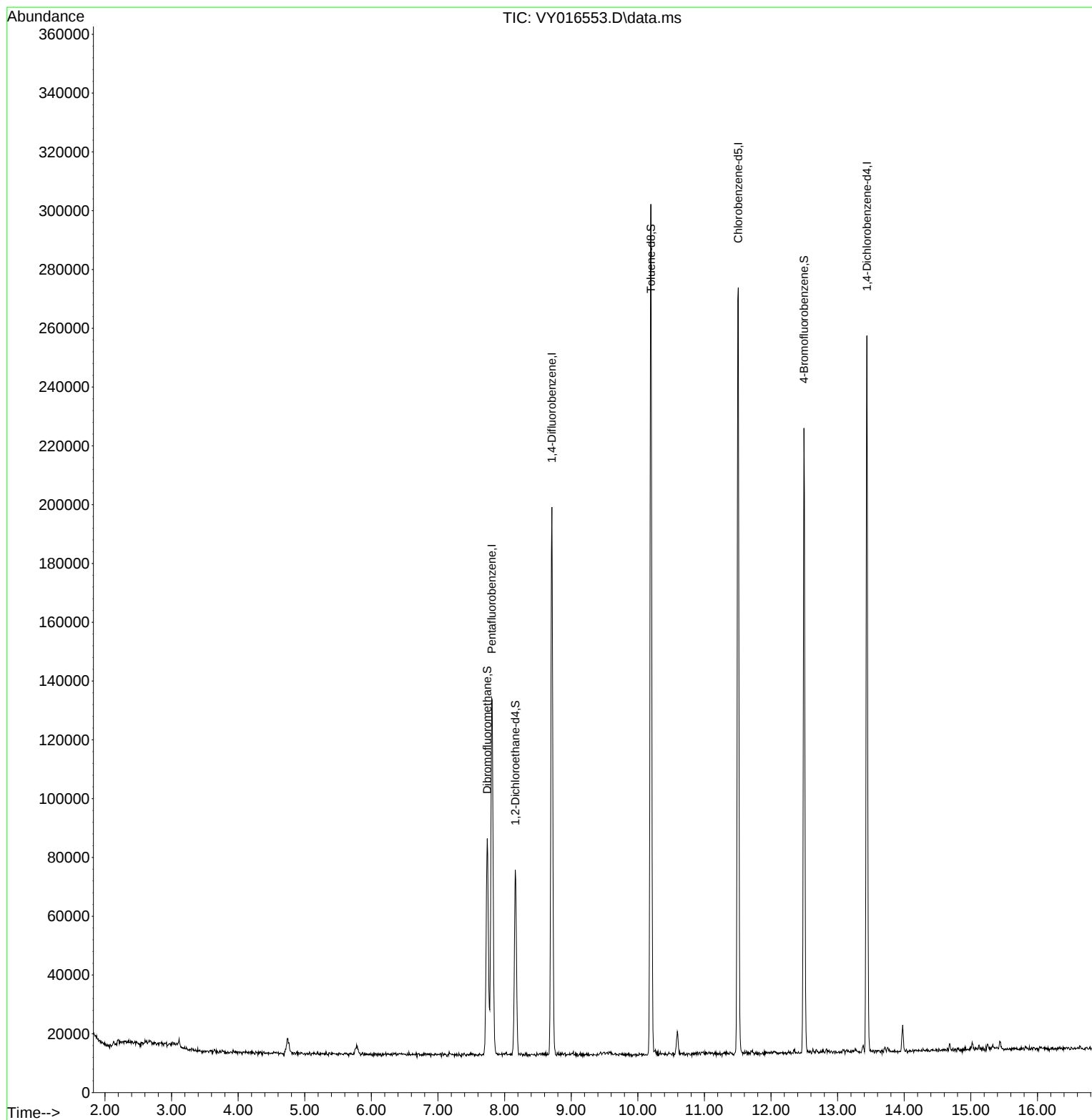
Target Compounds	Qvalue

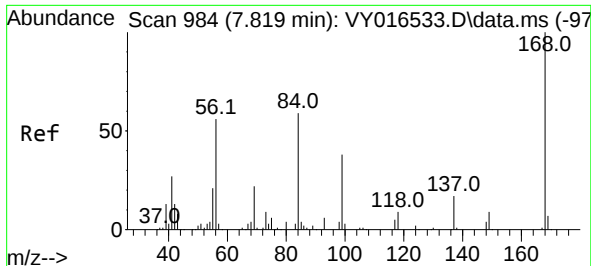
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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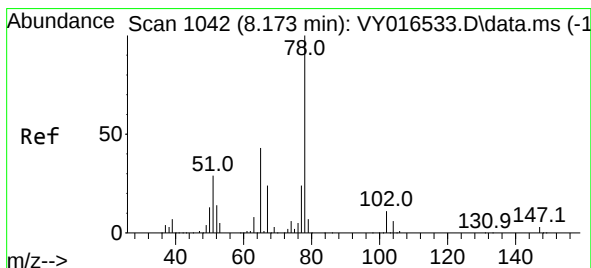
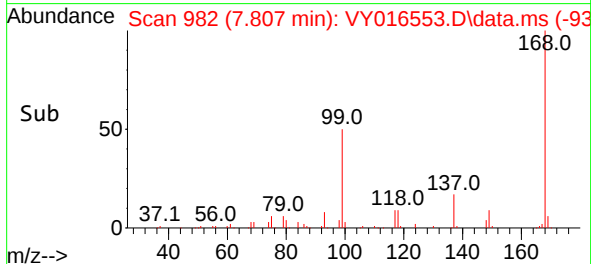
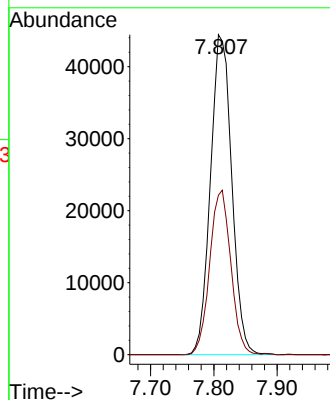
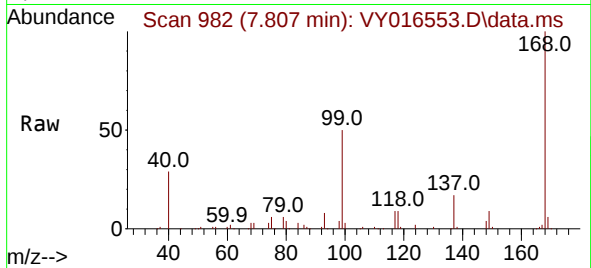




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY016553.D
Acq: 01 Dec 2023 09:57

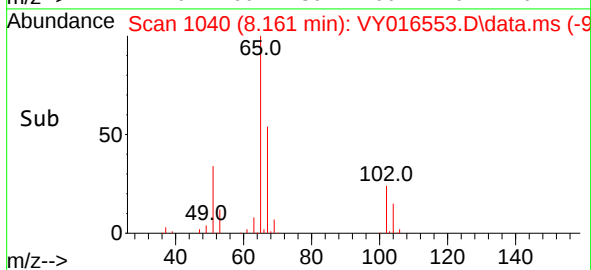
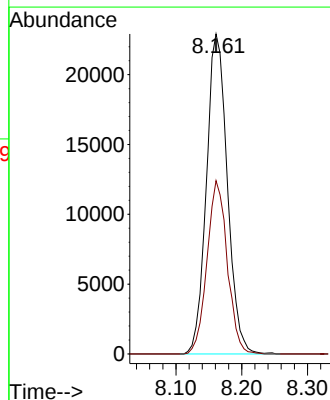
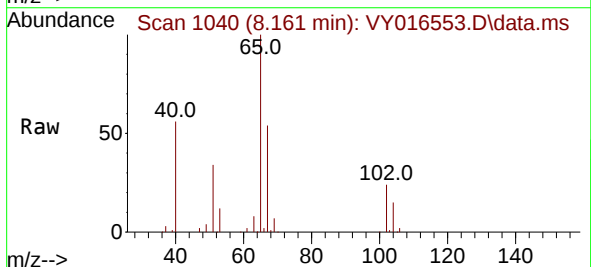
Instrument :
MSVOA_Y
ClientSampleId :
VY1201SBL01

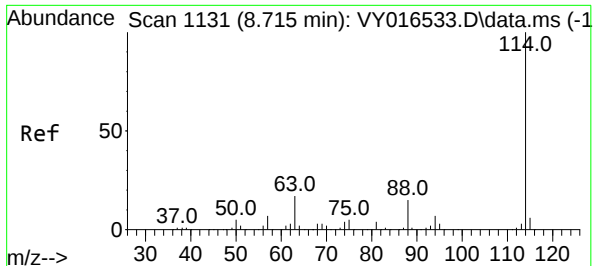
Tgt Ion:168 Resp: 103925
Ion Ratio Lower Upper
168 100
99 49.9 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 61.819 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. -0.012 min
Lab File: VY016553.D
Acq: 01 Dec 2023 09:57

Tgt Ion: 65 Resp: 50757
Ion Ratio Lower Upper
65 100
67 52.4 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.710 min Scan# 1131

Delta R.T. -0.006 min

Lab File: VY016553.D

Acq: 01 Dec 2023 09:57

Instrument :

MSVOA_Y

ClientSampleId :

VY1201SBL01

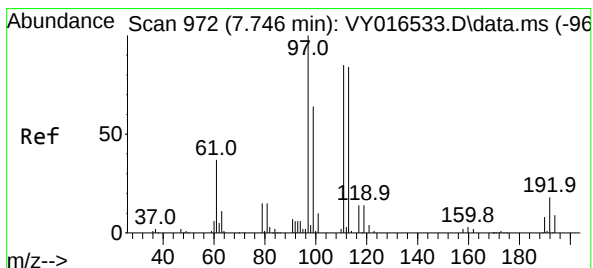
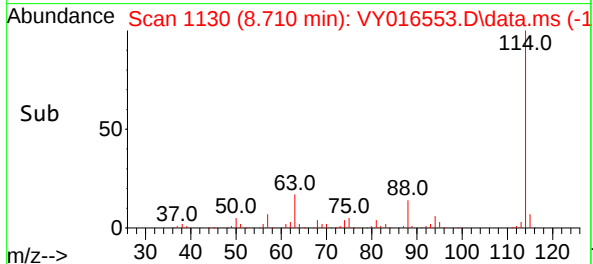
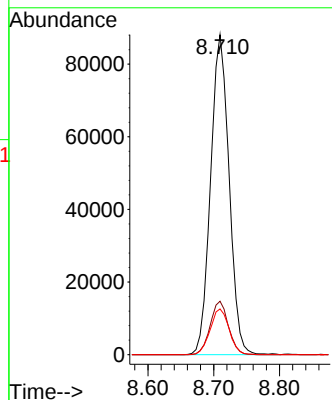
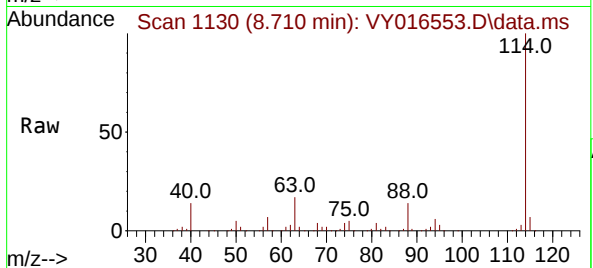
Tgt Ion:114 Resp: 172389

Ion Ratio Lower Upper

114 100

63 16.7 0.0 42.4

88 14.3 0.0 30.6



#35

Dibromofluoromethane

Concen: 52.809 ug/l

RT: 7.740 min Scan# 971

Delta R.T. -0.006 min

Lab File: VY016553.D

Acq: 01 Dec 2023 09:57

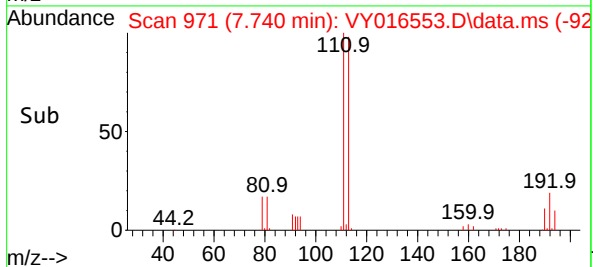
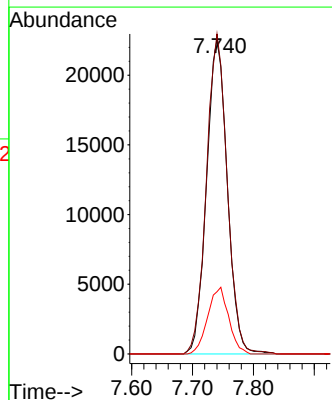
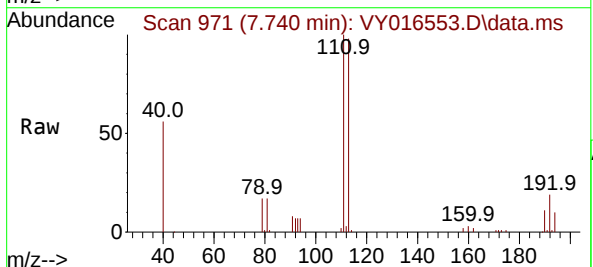
Tgt Ion:113 Resp: 53430

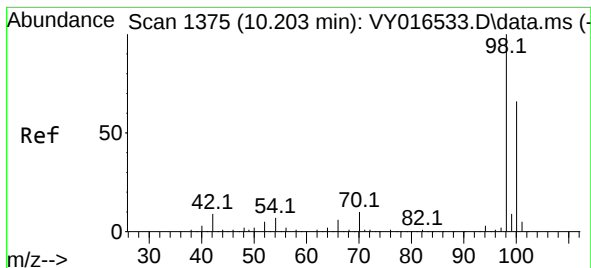
Ion Ratio Lower Upper

113 100

111 101.8 81.3 121.9

192 21.4 16.9 25.3





#50

Toluene-d8

Concen: 50.258 ug/l

RT: 10.197 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY016553.D

Acq: 01 Dec 2023 09:57

Instrument :

MSVOA_Y

ClientSampleId :

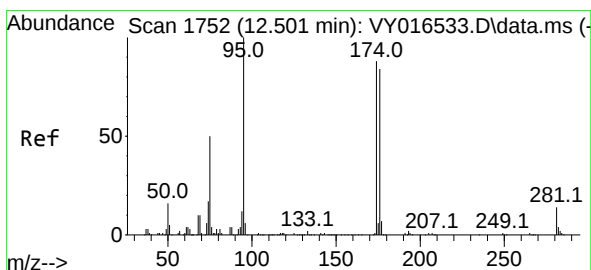
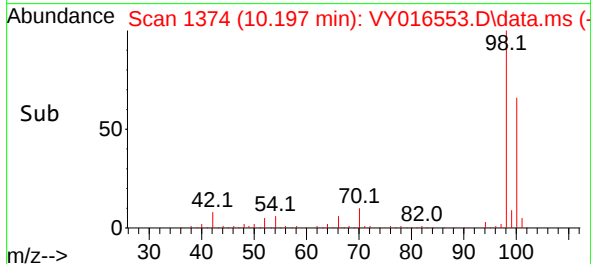
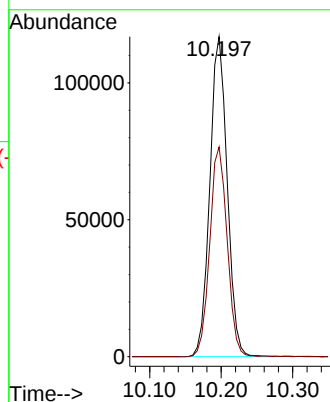
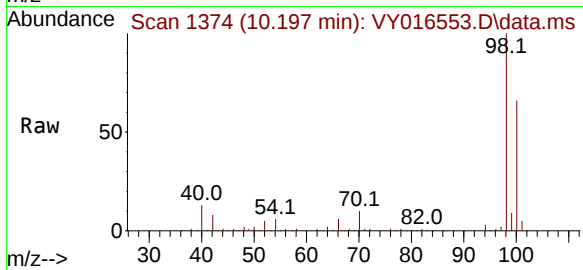
VY1201SBL01

Tgt Ion: 98 Resp: 197223

Ion Ratio Lower Upper

98 100

100 65.8 50.1 75.1



#62

4-Bromofluorobenzene

Concen: 51.662 ug/l

RT: 12.495 min Scan# 1751

Delta R.T. -0.006 min

Lab File: VY016553.D

Acq: 01 Dec 2023 09:57

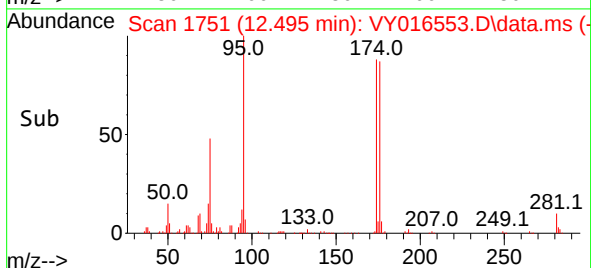
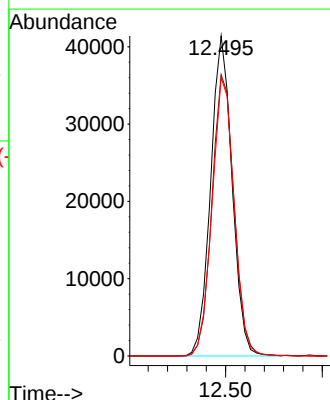
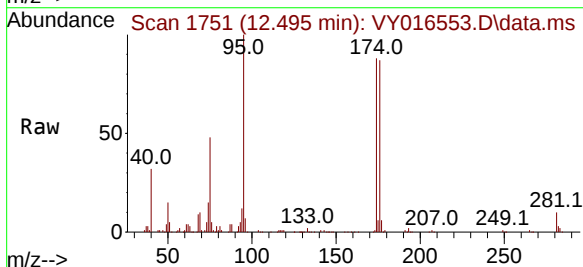
Tgt Ion: 95 Resp: 63597

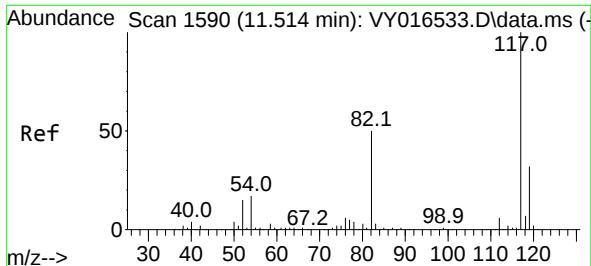
Ion Ratio Lower Upper

95 100

174 90.6 0.0 178.2

176 89.3 0.0 173.8

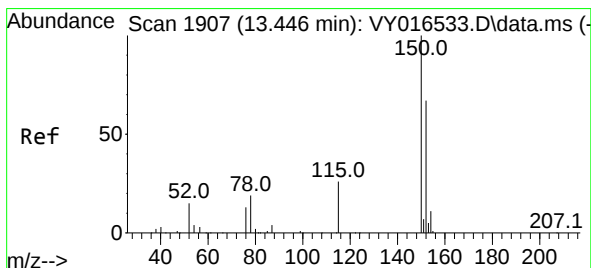
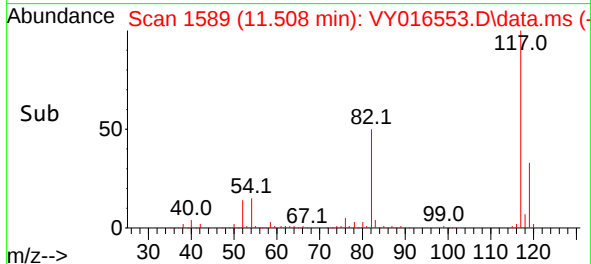
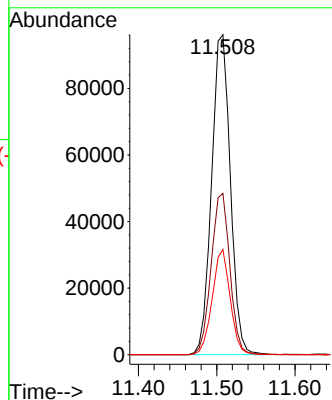
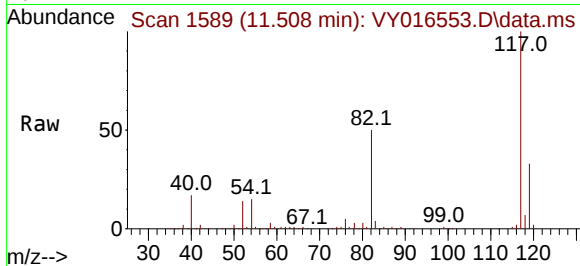




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.508 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016553.D
Acq: 01 Dec 2023 09:57

Instrument :
MSVOA_Y
ClientSampleId :
VY1201SBL01

Tgt Ion:117 Resp: 160159
Ion Ratio Lower Upper
117 100
82 50.4 43.4 65.0
119 32.9 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.440 min Scan# 1906
Delta R.T. -0.006 min
Lab File: VY016553.D
Acq: 01 Dec 2023 09:57

Tgt Ion:152 Resp: 67719
Ion Ratio Lower Upper
152 100
115 56.3 28.8 86.5
150 157.9 0.0 348.8

