

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY113023\
 Data File : VY016549.D
 Acq On : 30 Nov 2023 15:04
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Quant Time: Dec 01 00:59:30 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	7.801	168	107478	50.000	ug/l	-0.02
34) 1,4-Difluorobenzene	8.704	114	181882	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.502	117	173173	50.000	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.440	152	75620	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	56898	67.008	ug/l	-0.02
Spiked Amount	50.000	Range	50 - 163	Recovery	=	134.020%
35) Dibromofluoromethane	7.734	113	57070	53.462	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.920%
50) Toluene-d8	10.191	98	209180	50.523	ug/l	-0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.040%
62) 4-Bromofluorobenzene	12.496	95	70534	54.306	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	108.620%

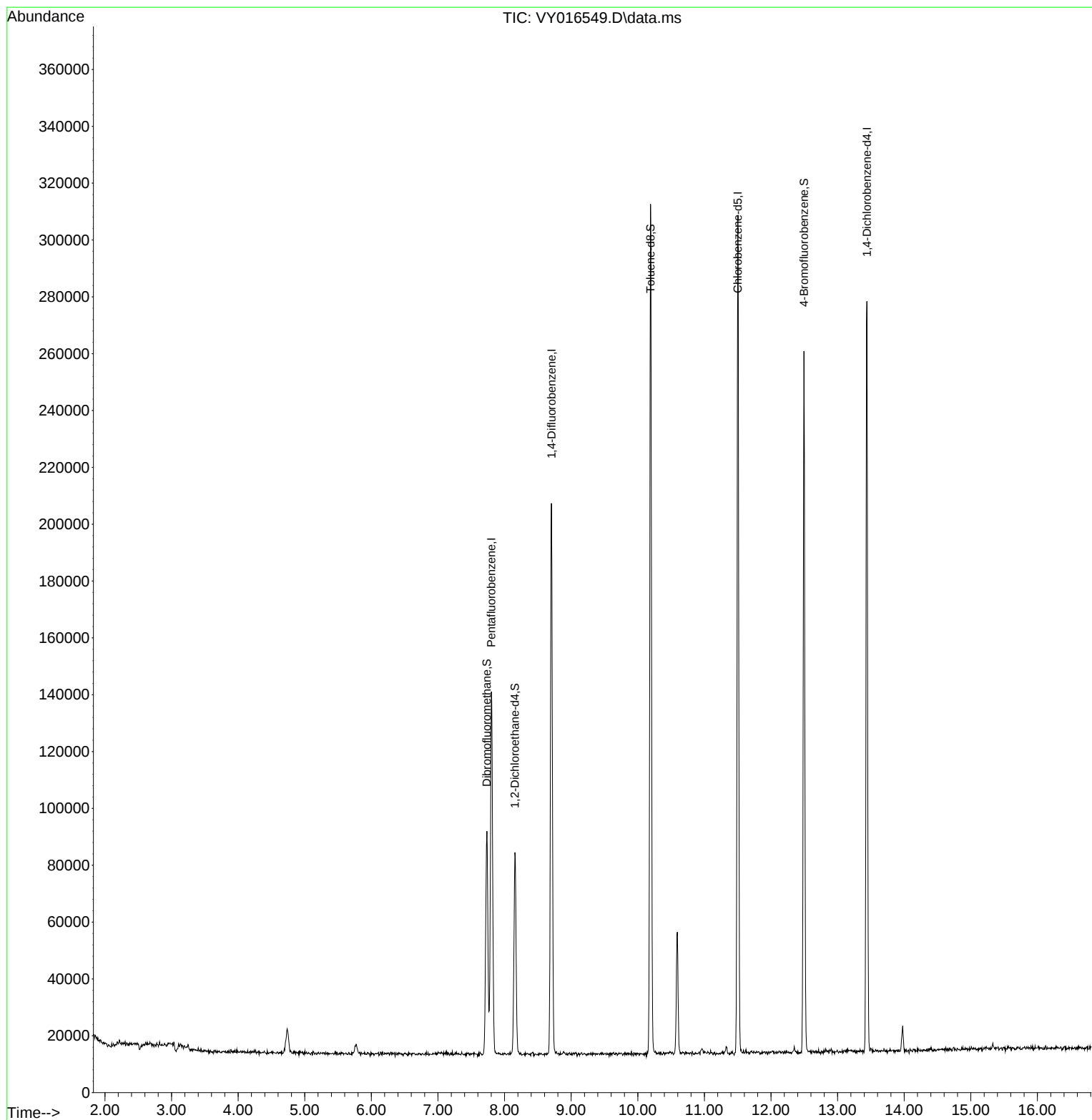
Target Compounds	Qvalue

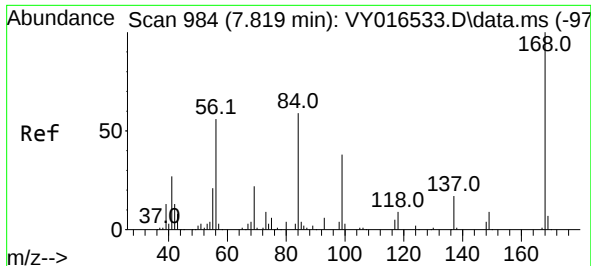
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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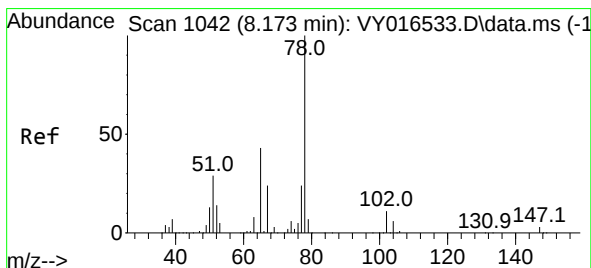
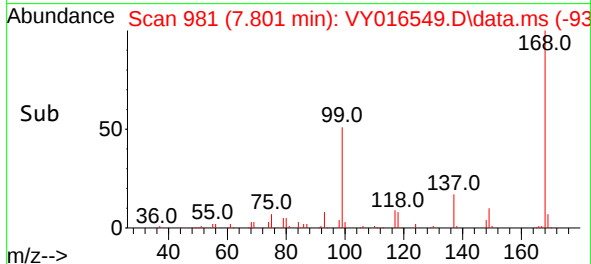
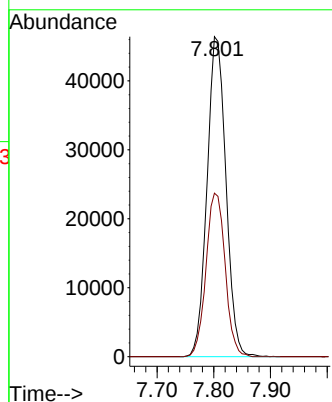
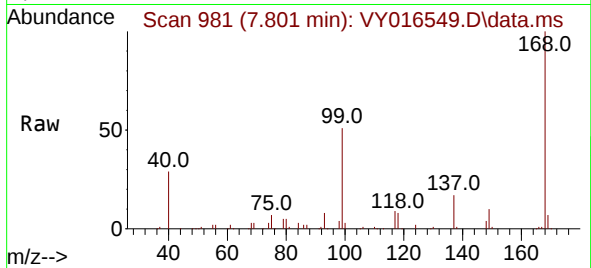




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. -0.018 min
Lab File: VY016549.D
Acq: 30 Nov 2023 15:04

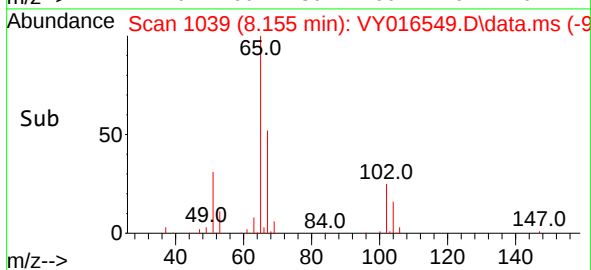
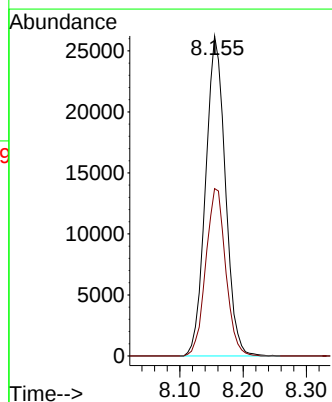
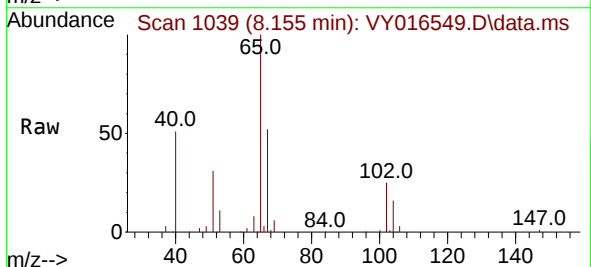
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

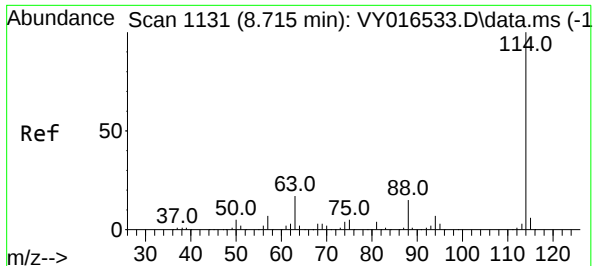
Tgt Ion:168 Resp: 107478
Ion Ratio Lower Upper
168 100
99 51.1 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 67.008 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. -0.018 min
Lab File: VY016549.D
Acq: 30 Nov 2023 15:04

Tgt Ion: 65 Resp: 56898
Ion Ratio Lower Upper
65 100
67 52.7 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.704 min Scan# 1131

Delta R.T. -0.012 min

Lab File: VY016549.D

Acq: 30 Nov 2023 15:04

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

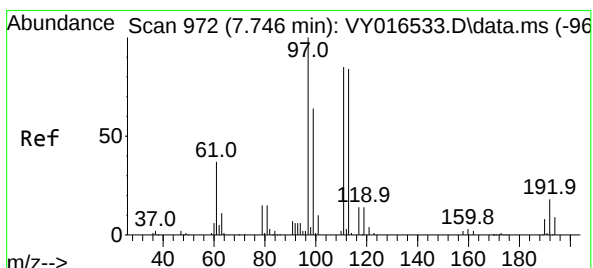
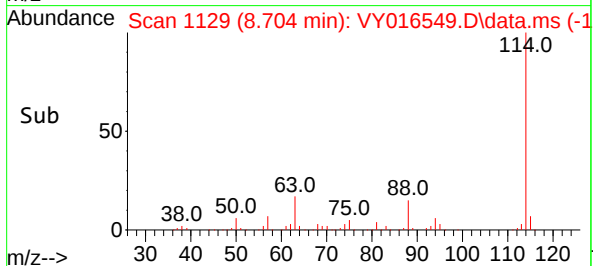
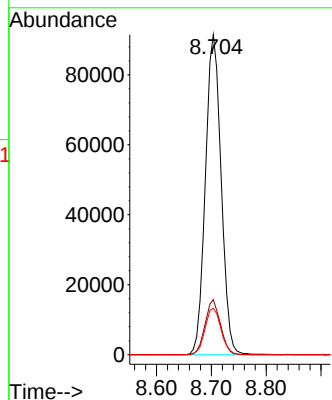
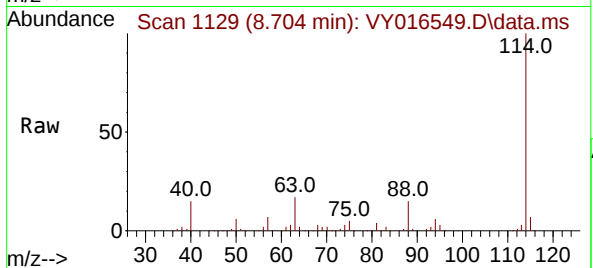
Tgt Ion:114 Resp: 181882

Ion Ratio Lower Upper

114 100

63 17.2 0.0 42.4

88 14.5 0.0 30.6



#35

Dibromofluoromethane

Concen: 53.462 ug/l

RT: 7.734 min Scan# 970

Delta R.T. -0.012 min

Lab File: VY016549.D

Acq: 30 Nov 2023 15:04

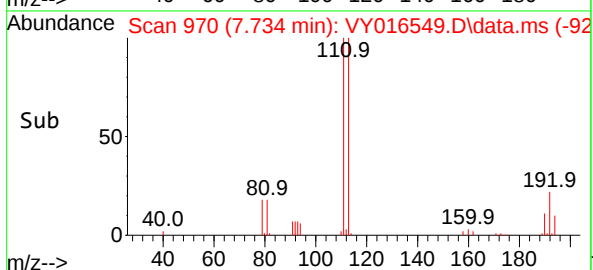
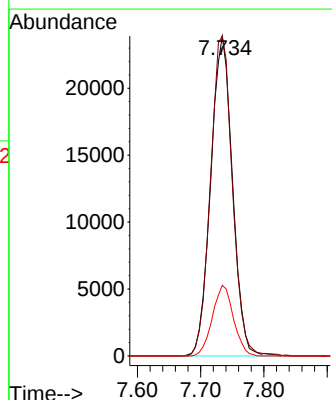
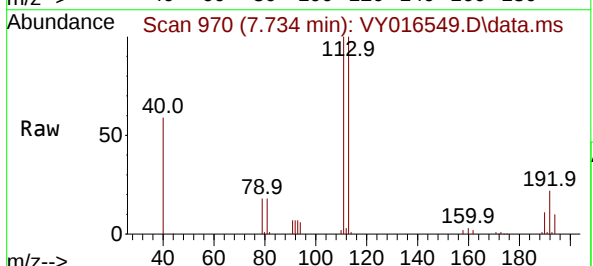
Tgt Ion:113 Resp: 57070

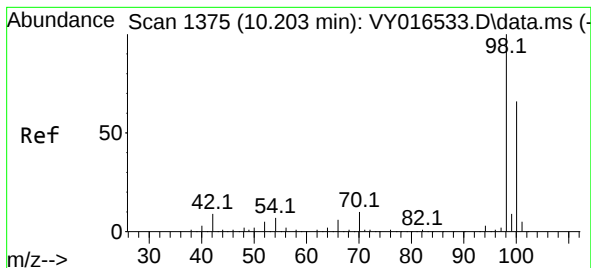
Ion Ratio Lower Upper

113 100

111 100.8 81.3 121.9

192 21.3 16.9 25.3

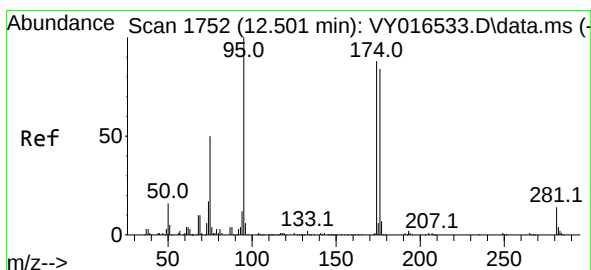
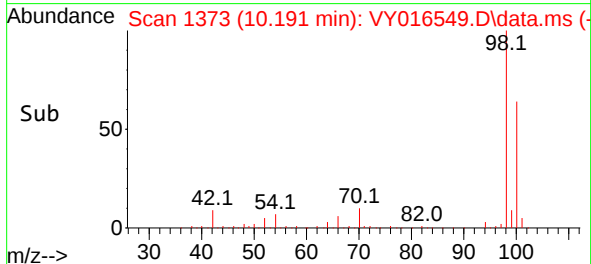
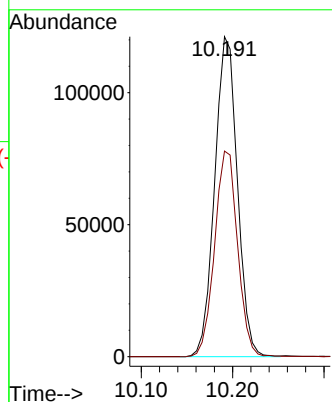
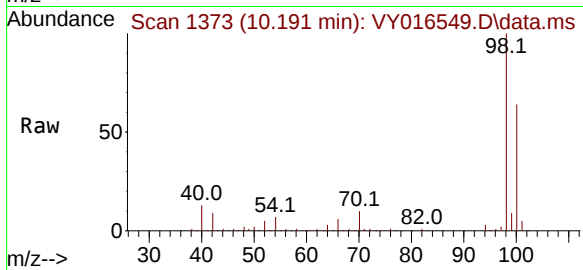




#50
Toluene-d8
Concen: 50.523 ug/l
RT: 10.191 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY016549.D
Acq: 30 Nov 2023 15:04

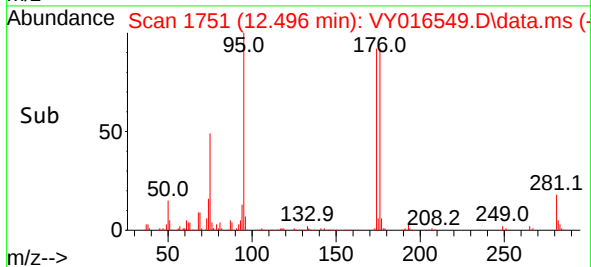
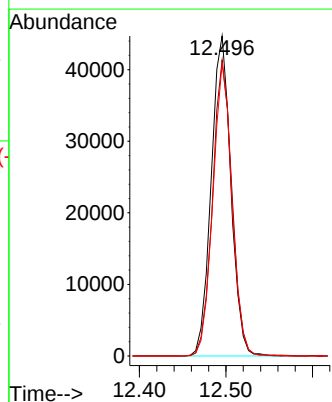
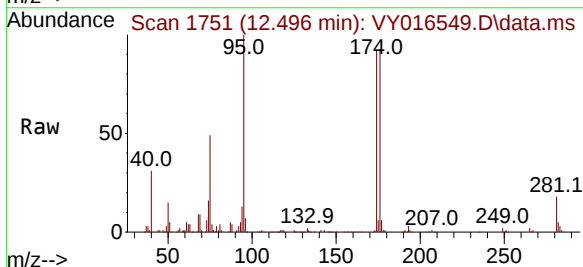
Instrument :
MSVOA_Y
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VIBLK

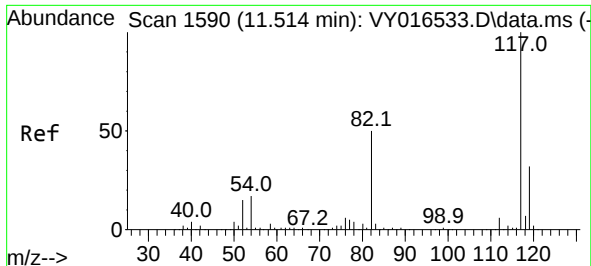
Tgt Ion: 98 Resp: 209180
Ion Ratio Lower Upper
98 100
100 65.0 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 54.306 ug/l
RT: 12.496 min Scan# 1751
Delta R.T. -0.006 min
Lab File: VY016549.D
Acq: 30 Nov 2023 15:04

Tgt Ion: 95 Resp: 70534
Ion Ratio Lower Upper
95 100
174 91.3 0.0 178.2
176 88.9 0.0 173.8

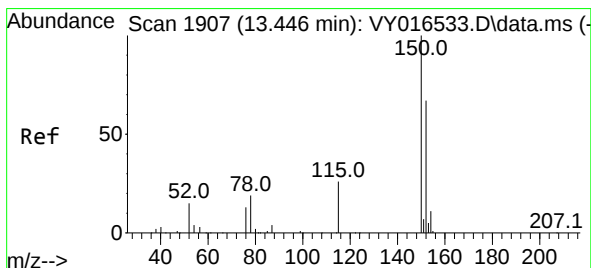
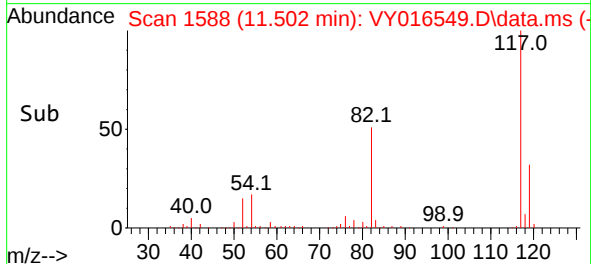
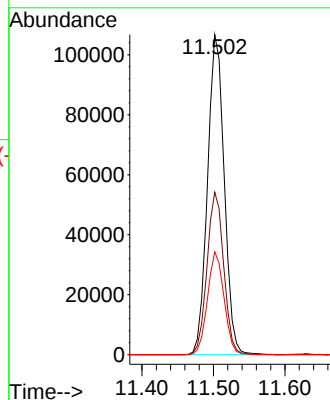
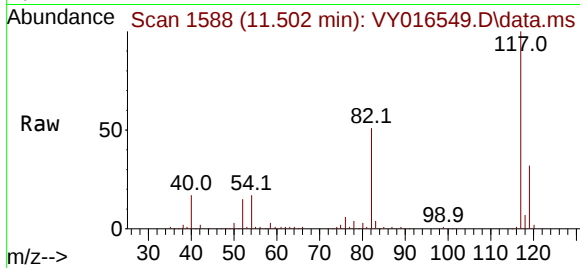




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY016549.D
Acq: 30 Nov 2023 15:04

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion:117 Resp: 173173
Ion Ratio Lower Upper
117 100
82 50.8 43.4 65.0
119 32.1 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: VY016549.D
Acq: 30 Nov 2023 15:04

Tgt Ion:152 Resp: 75620
Ion Ratio Lower Upper
152 100
115 57.0 28.8 86.5
150 160.1 0.0 348.8

