

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY113023\
 Data File : VY016546.D
 Acq On : 30 Nov 2023 11:40
 Operator : SY/MD
 Sample : 05576-01
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-04-112923

Quant Time: Dec 01 00:58:08 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	103141	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.709	114	174988	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.508	117	165184	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	74808	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	55998	68.721	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	137.440%
35) Dibromofluoromethane	7.740	113	54910	53.465	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.940%
50) Toluene-d8	10.197	98	201926	50.693	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.380%
62) 4-Bromofluorobenzene	12.495	95	67293	53.852	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	107.700%

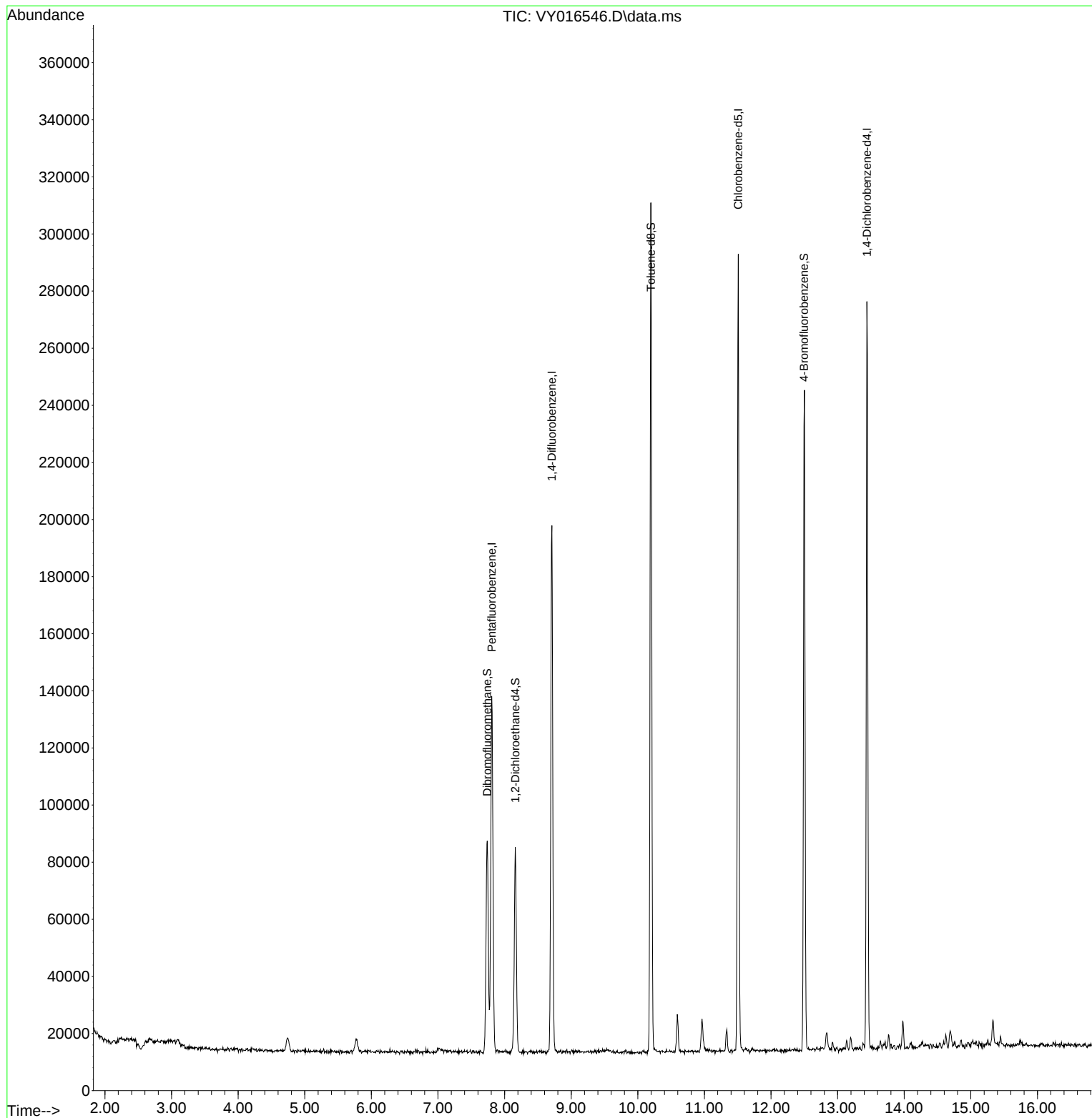
Target Compounds	Qvalue

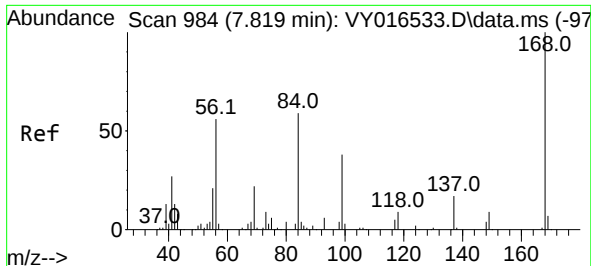
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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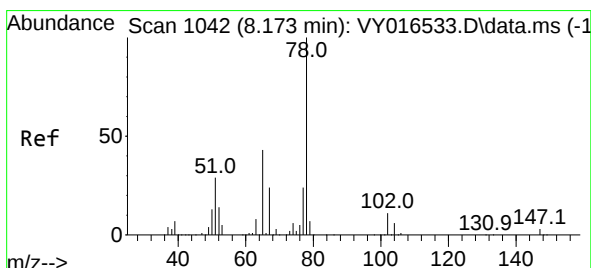
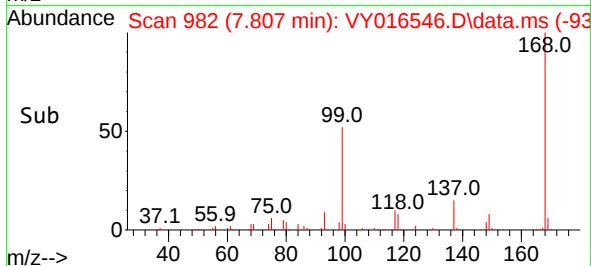
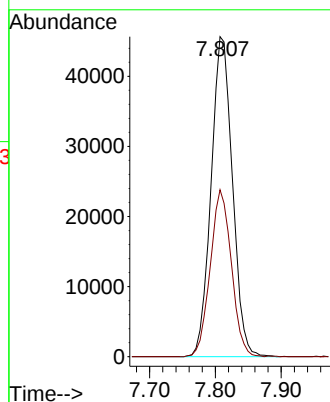
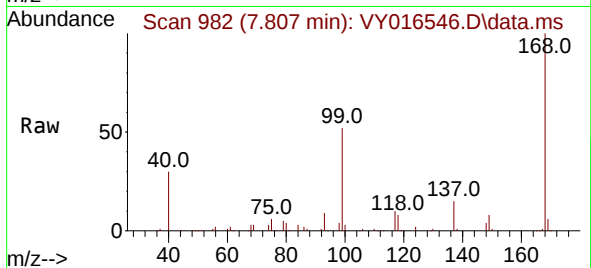




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 99
Delta R.T. -0.012 min
Lab File: VY016546.D
Acq: 30 Nov 2023 11:40

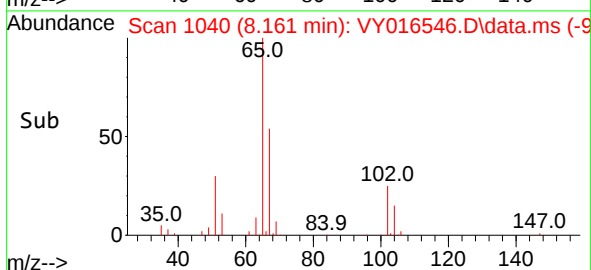
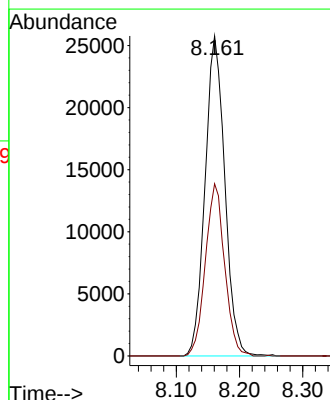
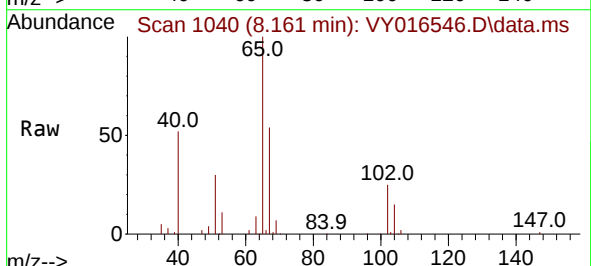
Instrument :
MSVOA_Y
ClientSampleId :
TR-04-112923

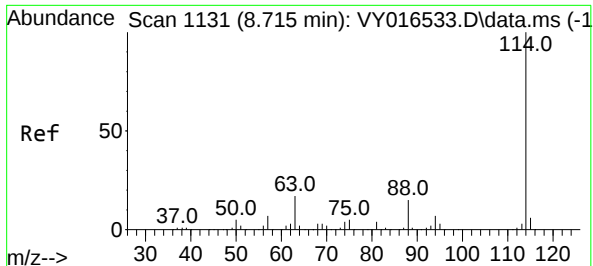
Tgt Ion:168 Resp: 103141
Ion Ratio Lower Upper
168 100
99 52.1 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 68.721 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. -0.012 min
Lab File: VY016546.D
Acq: 30 Nov 2023 11:40

Tgt Ion: 65 Resp: 55998
Ion Ratio Lower Upper
65 100
67 52.4 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.709 min Scan# 1131

Delta R.T. -0.006 min

Lab File: VY016546.D

Acq: 30 Nov 2023 11:40

Instrument :

MSVOA_Y

ClientSampleId :

TR-04-112923

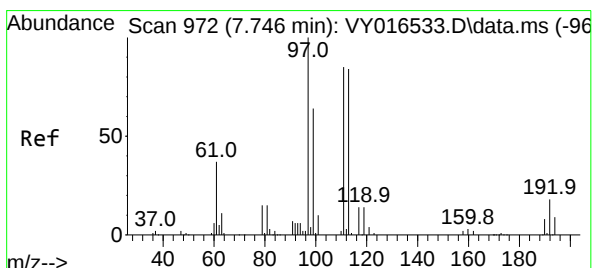
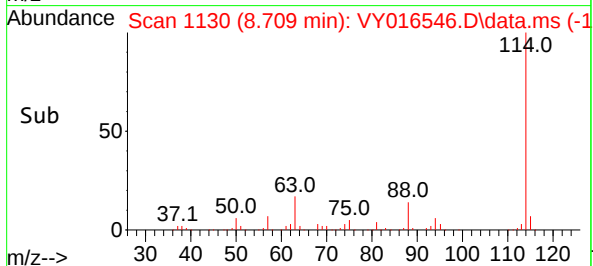
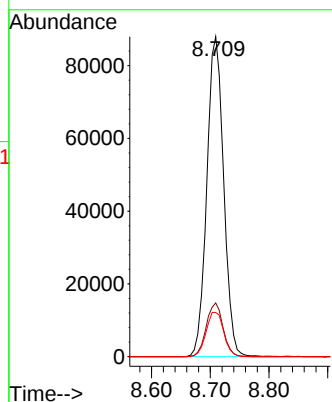
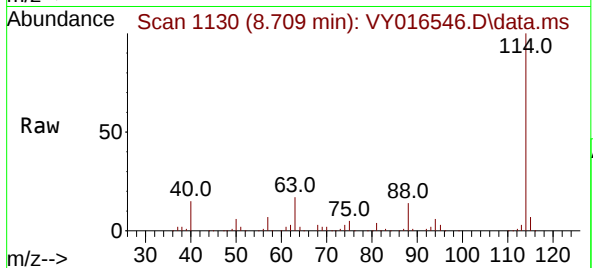
Tgt Ion:114 Resp: 174988

Ion Ratio Lower Upper

114 100

63 16.8 0.0 42.4

88 13.8 0.0 30.6



#35

Dibromofluoromethane

Concen: 53.465 ug/l

RT: 7.740 min Scan# 971

Delta R.T. -0.006 min

Lab File: VY016546.D

Acq: 30 Nov 2023 11:40

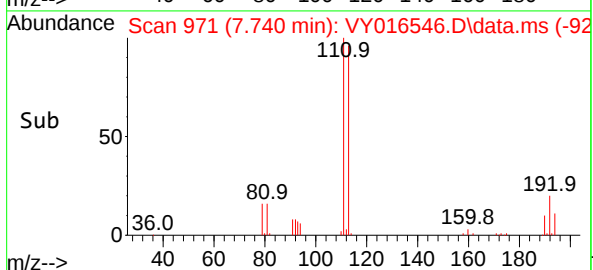
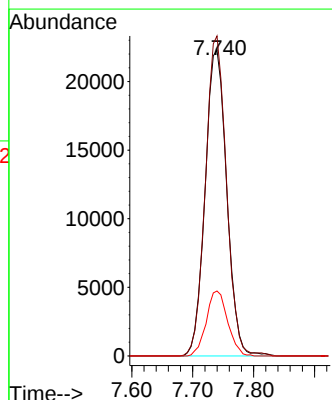
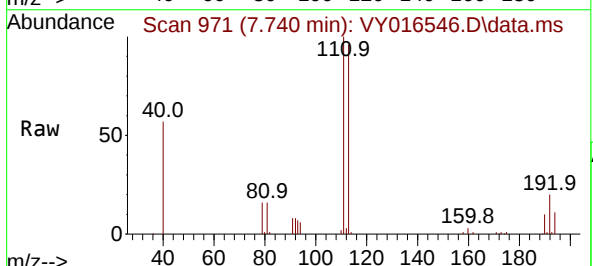
Tgt Ion:113 Resp: 54910

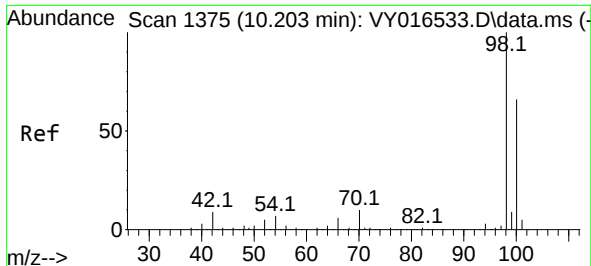
Ion Ratio Lower Upper

113 100

111 101.8 81.3 121.9

192 21.0 16.9 25.3

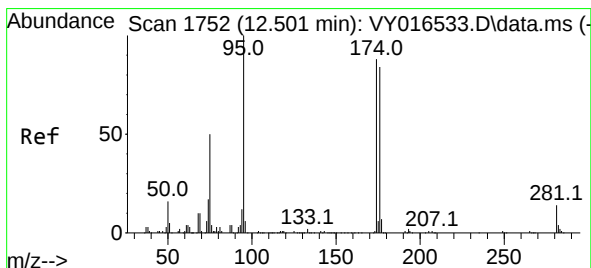
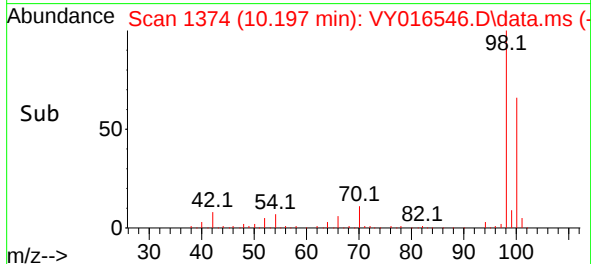
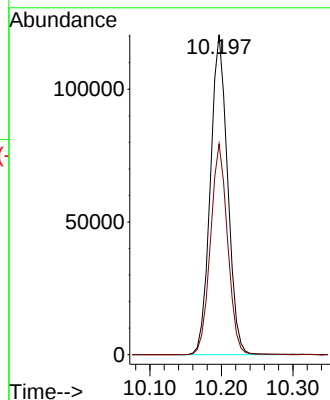
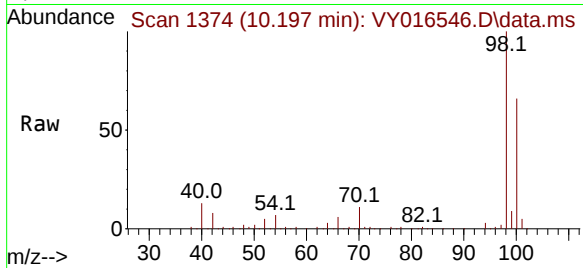




#50
Toluene-d8
Concen: 50.693 ug/l
RT: 10.197 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016546.D
Acq: 30 Nov 2023 11:40

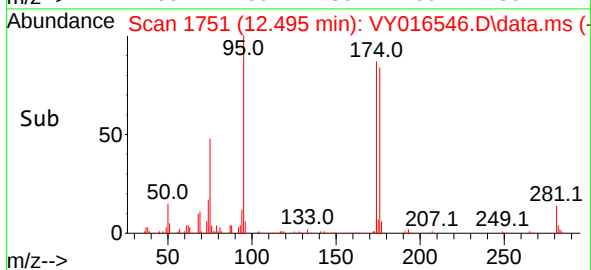
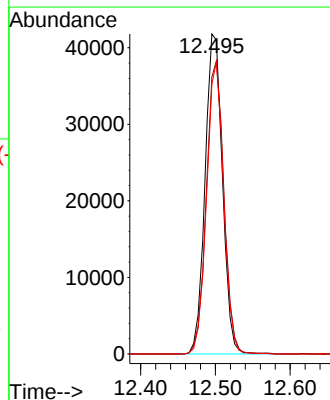
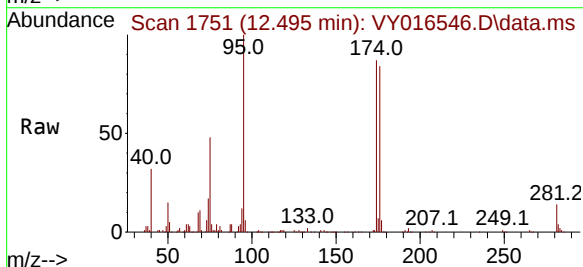
Instrument :
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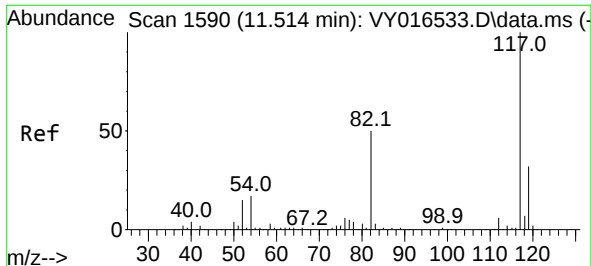
Tgt Ion: 98 Resp: 201926
Ion Ratio Lower Upper
98 100
100 65.3 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 53.852 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. -0.006 min
Lab File: VY016546.D
Acq: 30 Nov 2023 11:40

Tgt Ion: 95 Resp: 67293
Ion Ratio Lower Upper
95 100
174 92.6 0.0 178.2
176 89.3 0.0 173.8

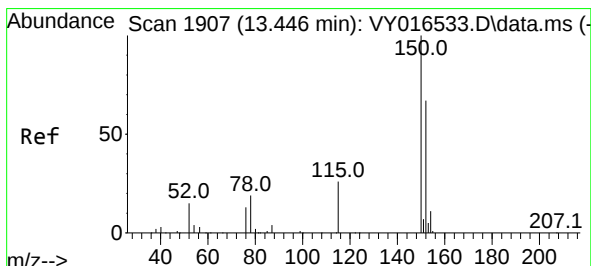
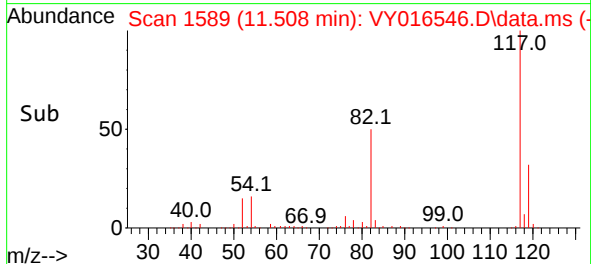
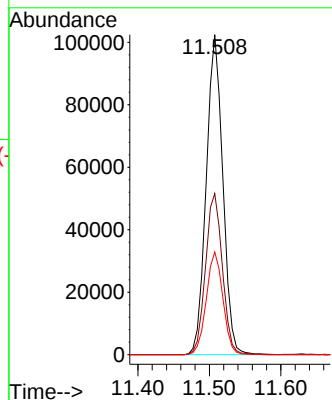
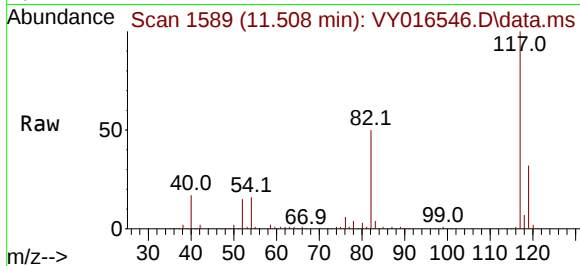




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.508 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016546.D
Acq: 30 Nov 2023 11:40

Instrument :
MSVOA_Y
ClientSampleId :
TR-04-112923

Tgt Ion:117 Resp: 165184
Ion Ratio Lower Upper
117 100
82 50.3 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: VY016546.D
Acq: 30 Nov 2023 11:40

Tgt Ion:152 Resp: 74808
Ion Ratio Lower Upper
152 100
115 55.9 28.8 86.5
150 156.3 0.0 348.8

