

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011923\
 Data File : VY012260.D
 Acq On : 19 Jan 2023 13:03
 Operator : KP/MD
 Sample : 01198-01
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PL-02-011823

Quant Time: Jan 20 03:23:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 04:31:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	189287	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	310079	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	298684	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	137504	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	107515	70.107	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	140.220%
35) Dibromofluoromethane	7.716	113	92405	56.280	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	112.560%
50) Toluene-d8	10.179	98	369703	66.410	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	132.820%
62) 4-Bromofluorobenzene	12.483	95	122804	53.058	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	106.120%

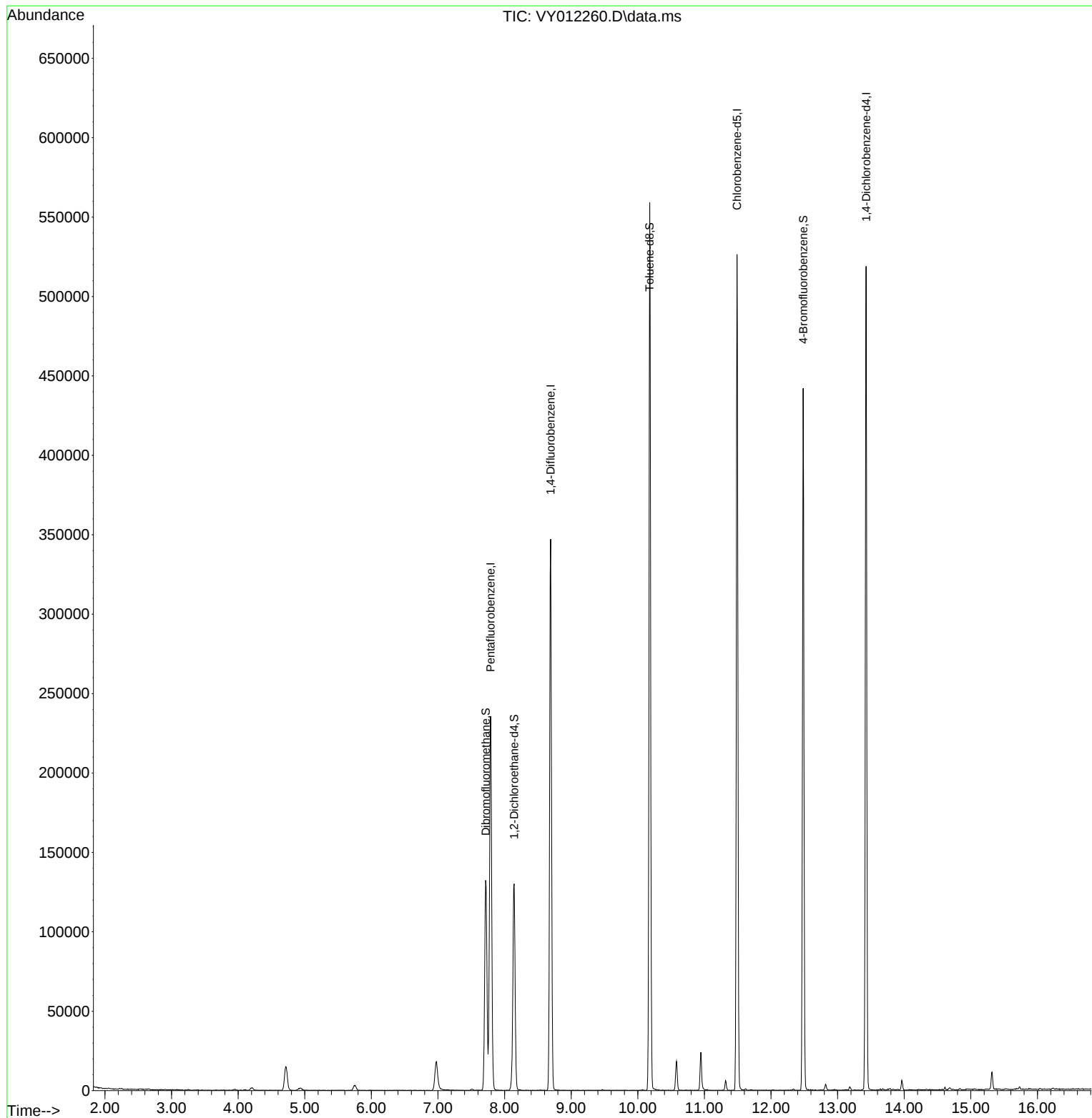
Target Compounds	Qvalue

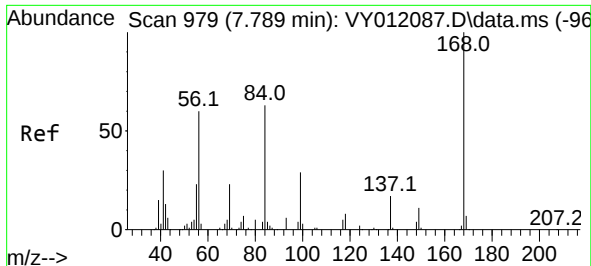
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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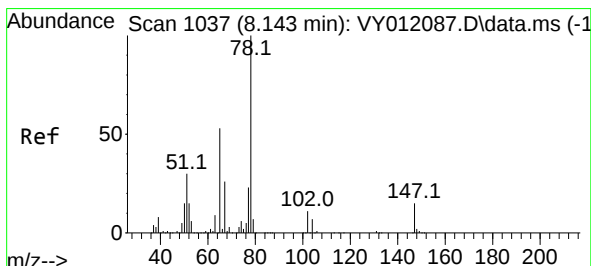
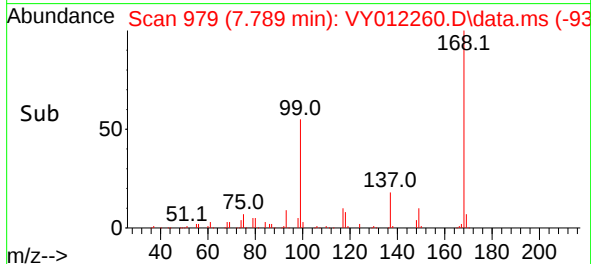
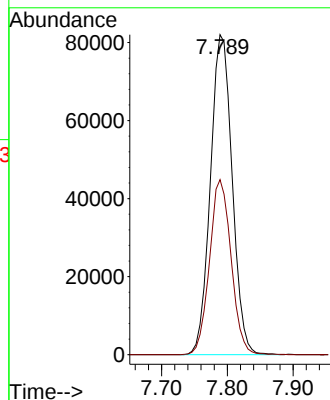
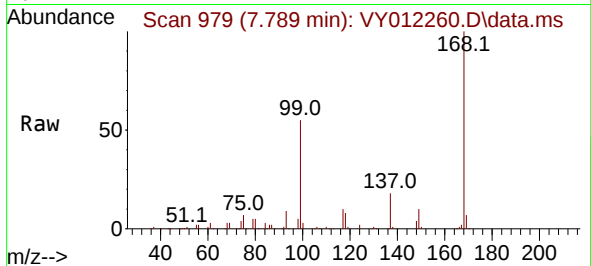




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012260.D
Acq: 19 Jan 2023 13:03

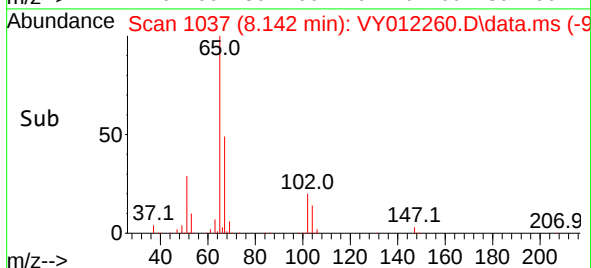
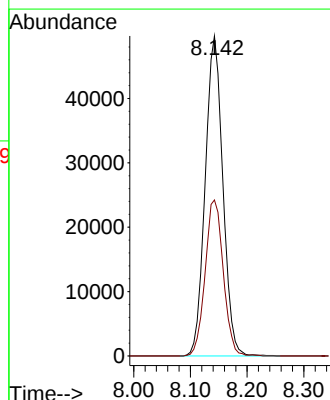
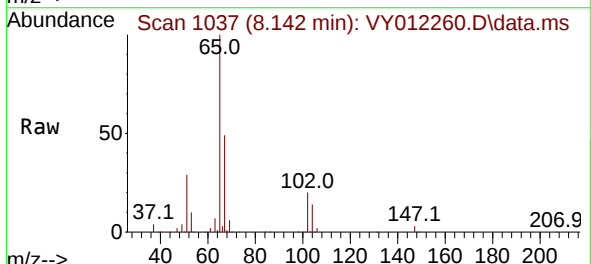
Instrument :
MSVOA_Y
ClientSampleId :
PL-02-011823

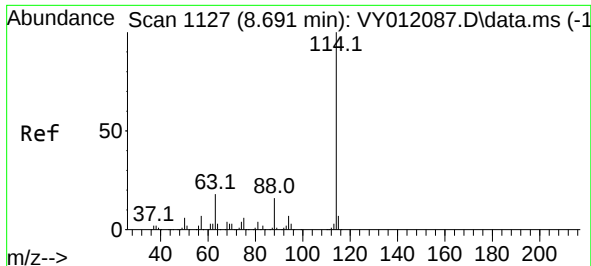
Tgt Ion:168 Resp: 189287
Ion Ratio Lower Upper
168 100
99 54.7 44.0 66.0



#33
1,2-Dichloroethane-d4
Concen: 70.107 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY012260.D
Acq: 19 Jan 2023 13:03

Tgt Ion: 65 Resp: 107515
Ion Ratio Lower Upper
65 100
67 50.1 0.0 103.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY012260.D

Acq: 19 Jan 2023 13:03

Instrument :

MSVOA_Y

ClientSampleId :

PL-02-011823

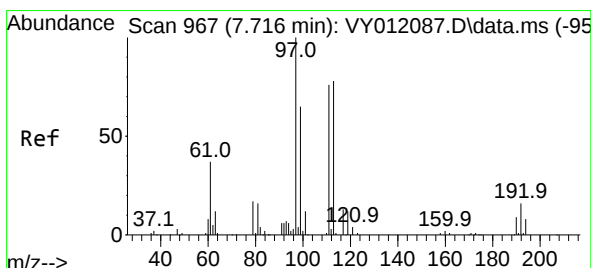
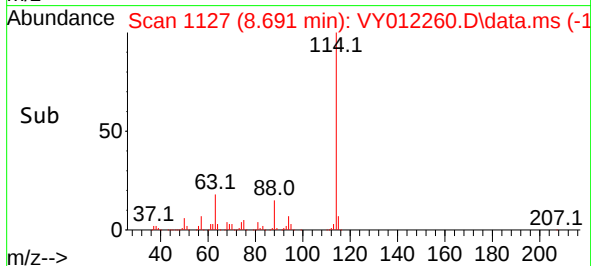
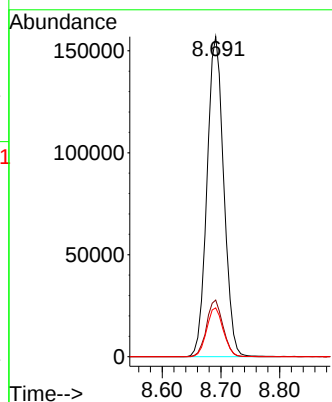
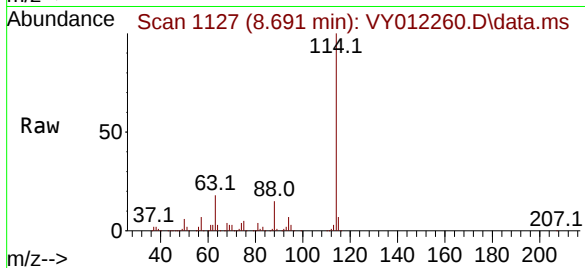
Tgt Ion:114 Resp: 310079

Ion Ratio Lower Upper

114 100

63 17.7 0.0 39.6

88 15.3 0.0 32.2



#35

Dibromofluoromethane

Concen: 56.280 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY012260.D

Acq: 19 Jan 2023 13:03

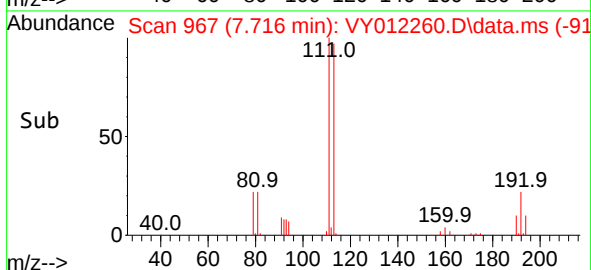
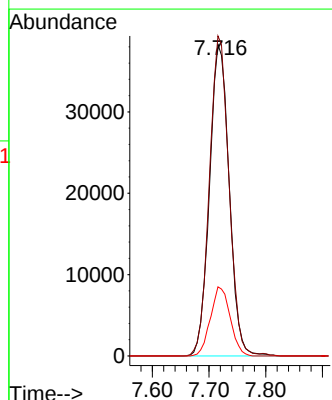
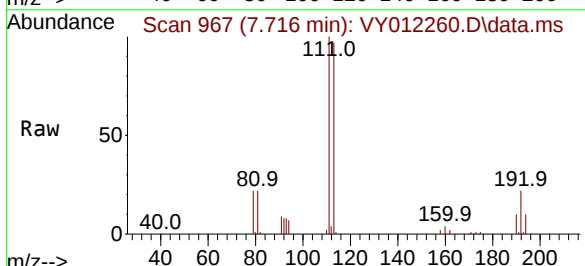
Tgt Ion:113 Resp: 92405

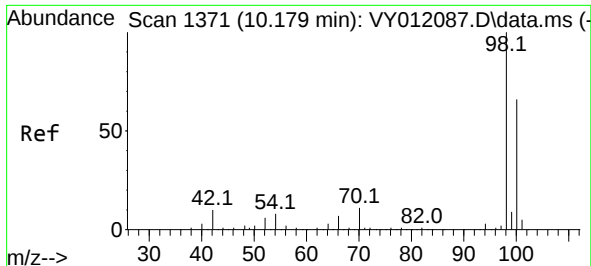
Ion Ratio Lower Upper

113 100

111 101.9 83.0 124.4

192 22.2 16.0 24.0





#50

Toluene-d8

Concen: 66.410 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY012260.D

Acq: 19 Jan 2023 13:03

Instrument :

MSVOA_Y

ClientSampleId :

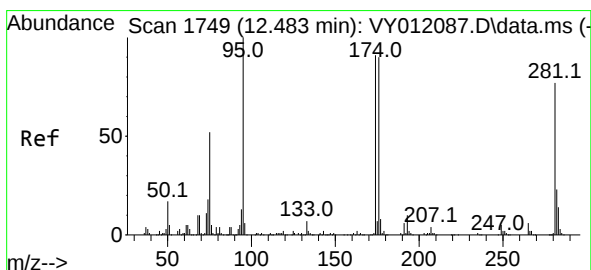
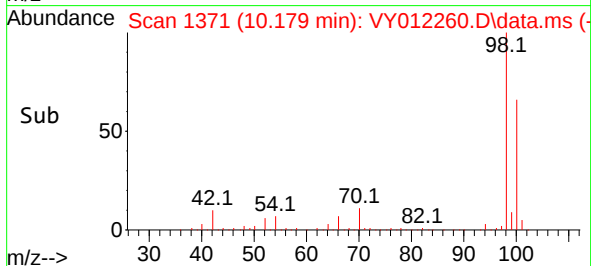
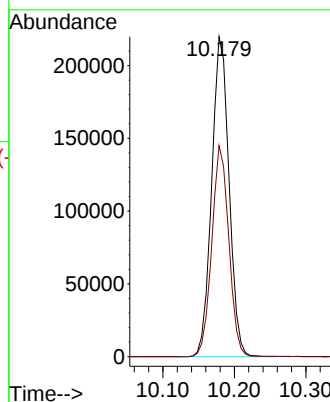
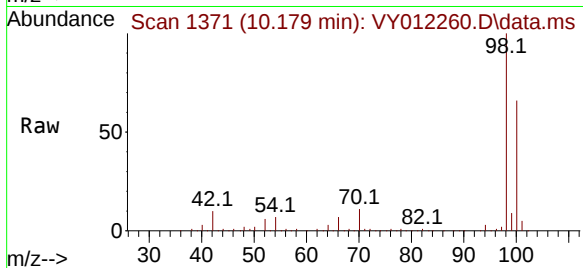
PL-02-011823

Tgt Ion: 98 Resp: 369703

Ion Ratio Lower Upper

98 100

100 64.8 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 53.058 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY012260.D

Acq: 19 Jan 2023 13:03

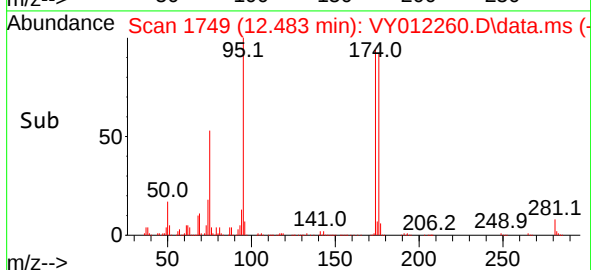
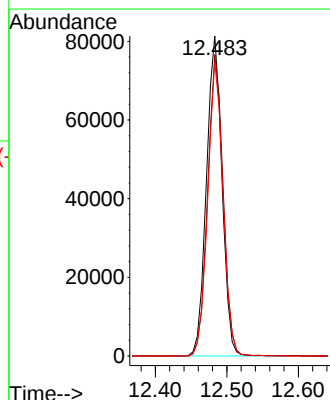
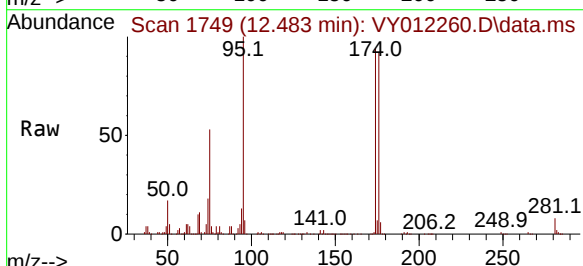
Tgt Ion: 95 Resp: 122804

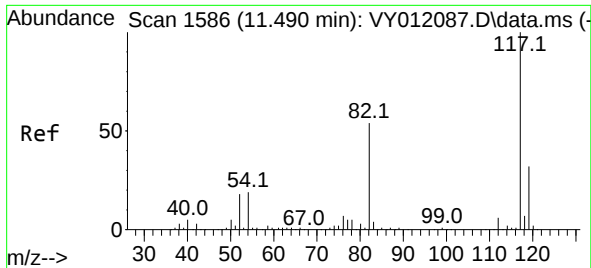
Ion Ratio Lower Upper

95 100

174 94.1 0.0 172.0

176 90.4 0.0 167.6

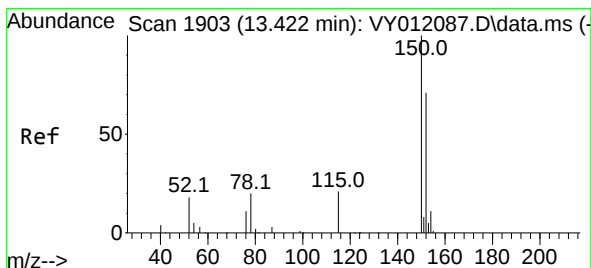
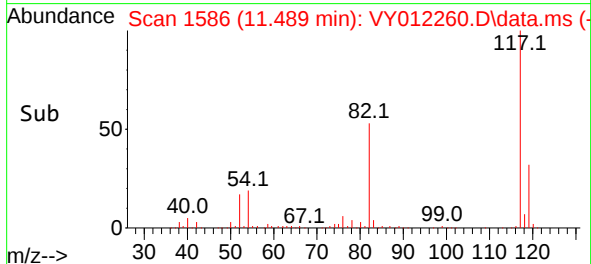
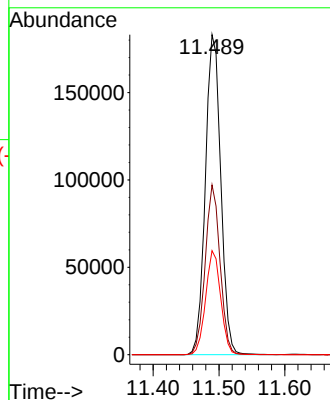
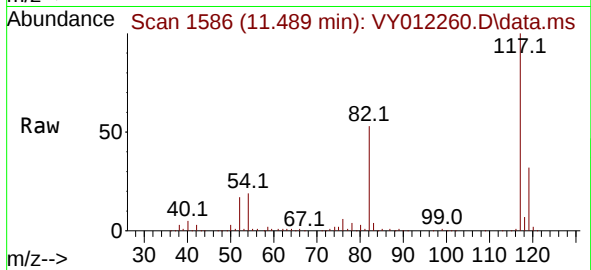




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY012260.D
Acq: 19 Jan 2023 13:03

Instrument :
MSVOA_Y
ClientSampleId :
PL-02-011823

Tgt Ion:117 Resp: 298684
Ion Ratio Lower Upper
117 100
82 53.0 44.8 67.2
119 32.5 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY012260.D
Acq: 19 Jan 2023 13:03

Tgt Ion:152 Resp: 137504
Ion Ratio Lower Upper
152 100
115 57.0 29.1 87.3
150 157.9 0.0 342.6

