

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111122\
 Data File : VY011413.D
 Acq On : 11 Nov 2022 13:09
 Operator : KP/MD
 Sample : N5530-01
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-13

Quant Time: Nov 11 13:35:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111022S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 10 17:47:26 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	11776	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	20726	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	18363	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	5831	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	7446	75.457	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	150.920%
35) Dibromofluoromethane	7.710	113	4119	35.462	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	70.920%
50) Toluene-d8	10.179	98	20048	45.180	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	90.360%
62) 4-Bromofluorobenzene	12.477	95	6146	39.710	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	79.420%

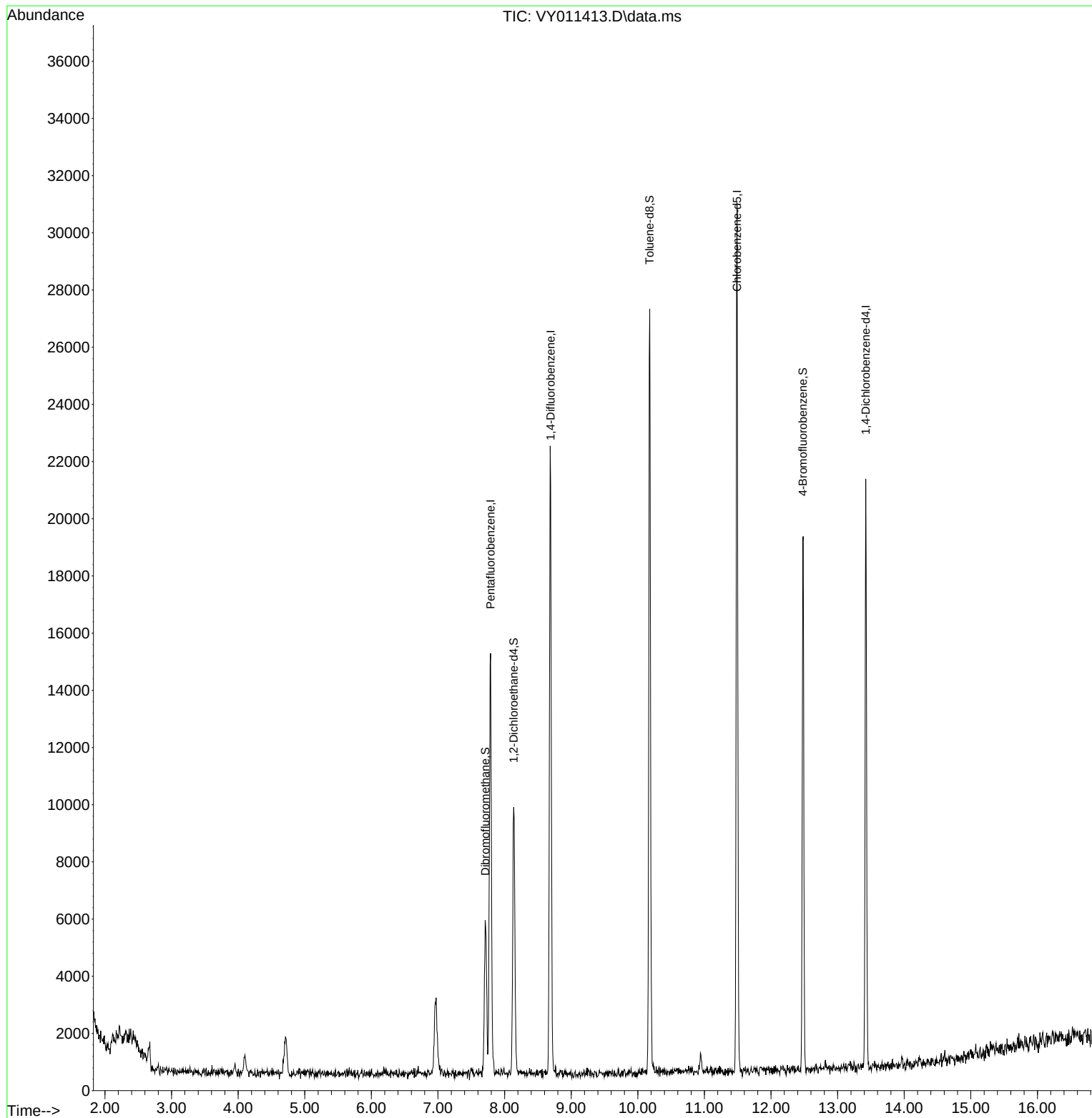
Target Compounds	Qvalue

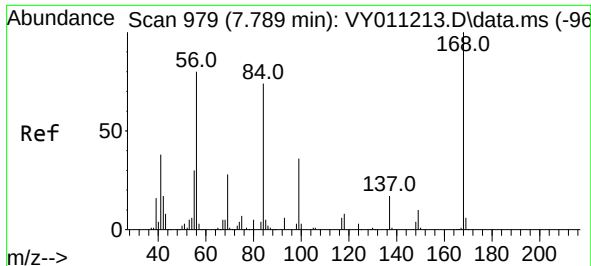
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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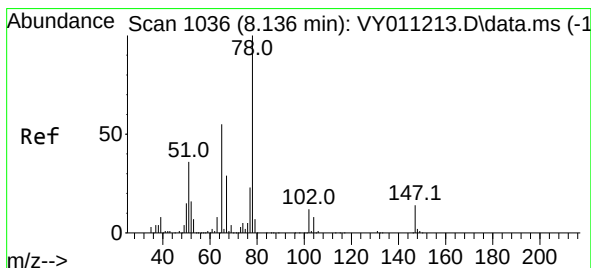
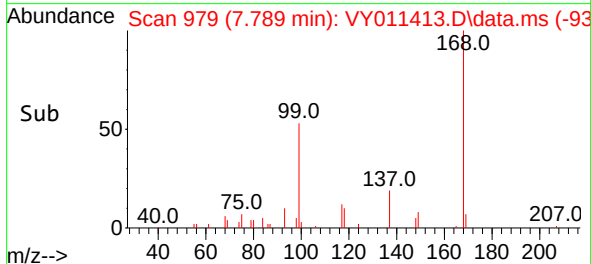
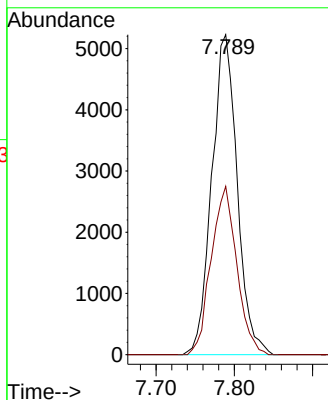
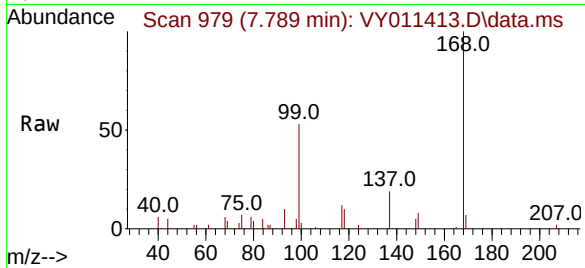




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011413.D
Acq: 11 Nov 2022 13:09

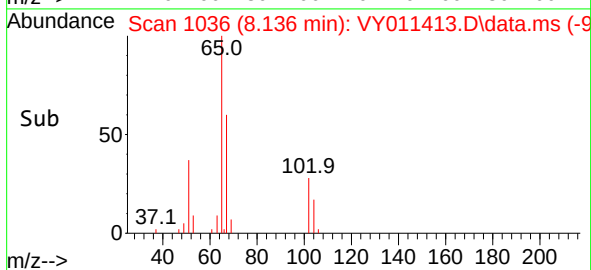
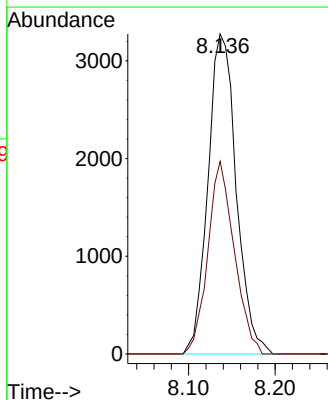
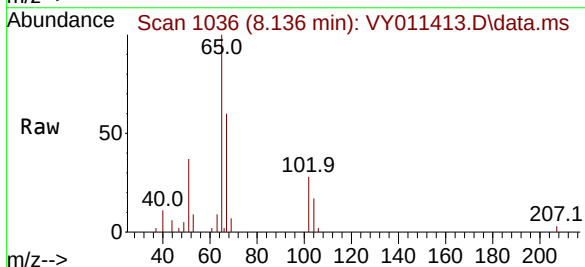
Instrument :
MSVOA_Y
ClientSampleId :
SB-13

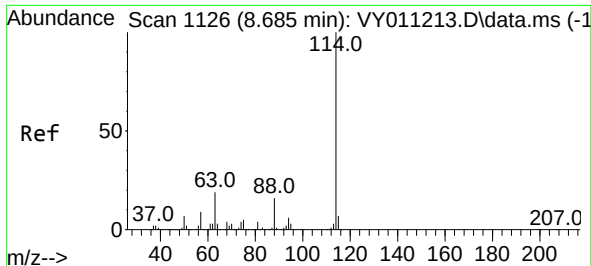
Tgt Ion:168 Resp: 11776
Ion Ratio Lower Upper
168 100
99 52.6 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 75.457 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY011413.D
Acq: 11 Nov 2022 13:09

Tgt Ion: 65 Resp: 7446
Ion Ratio Lower Upper
65 100
67 56.2 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VY011413.D

Acq: 11 Nov 2022 13:09

Instrument :

MSVOA_Y

ClientSampleId :

SB-13

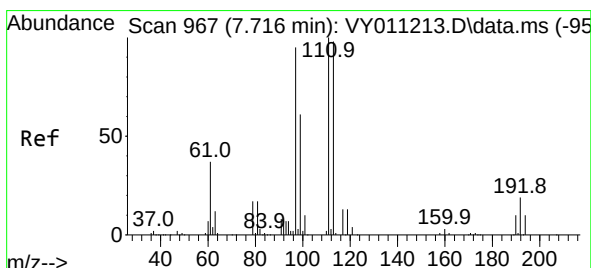
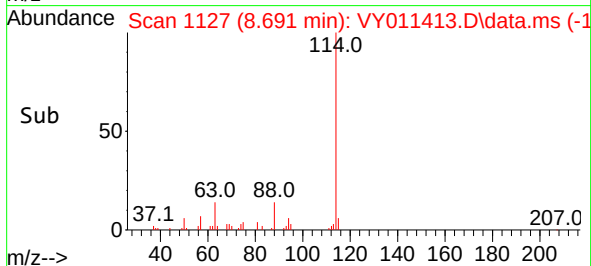
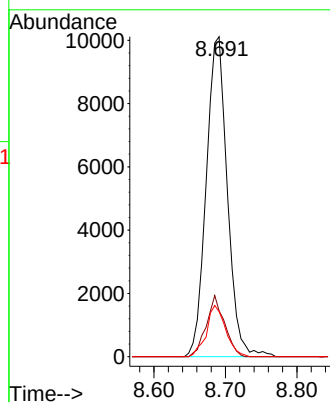
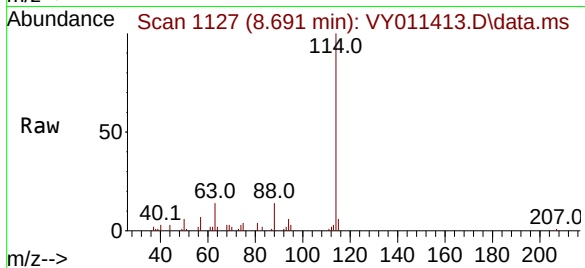
Tgt Ion:114 Resp: 20726

Ion Ratio Lower Upper

114 100

63 14.4 0.0 43.2

88 14.1 0.0 31.8



#35

Dibromofluoromethane

Concen: 35.462 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY011413.D

Acq: 11 Nov 2022 13:09

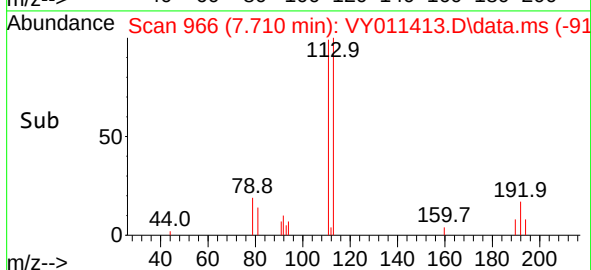
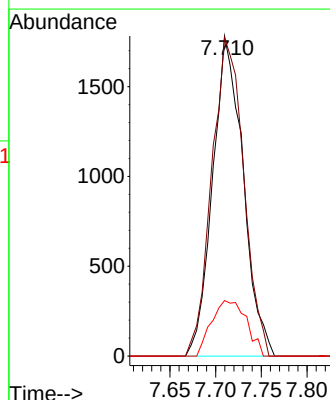
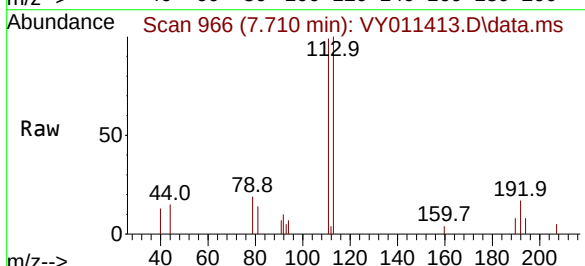
Tgt Ion:113 Resp: 4119

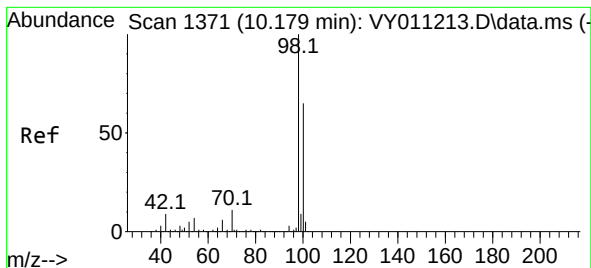
Ion Ratio Lower Upper

113 100

111 104.3 82.6 124.0

192 19.9 17.6 26.4





#50

Toluene-d8

Concen: 45.180 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY011413.D

Acq: 11 Nov 2022 13:09

Instrument :

MSVOA_Y

ClientSampleId :

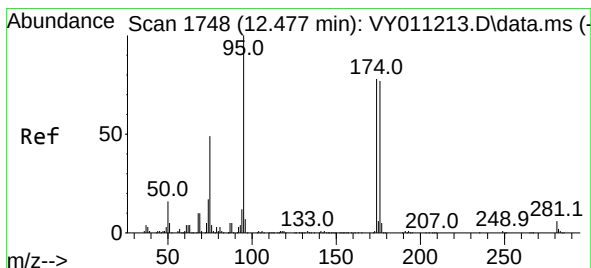
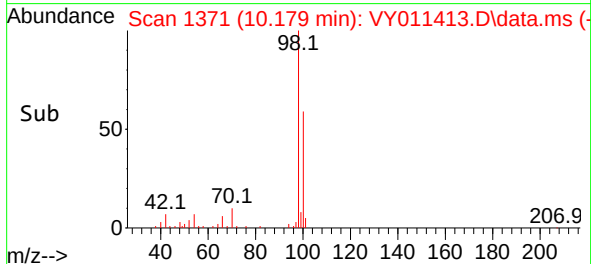
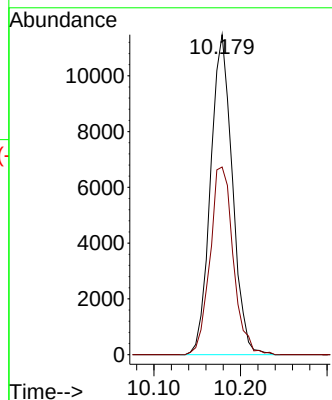
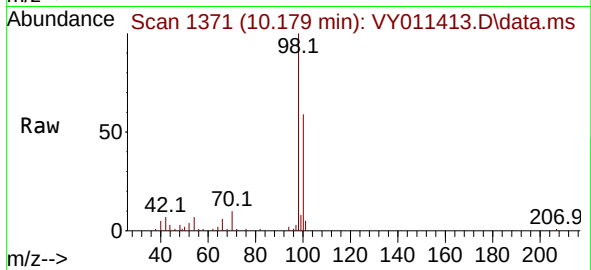
SB-13

Tgt Ion: 98 Resp: 20048

Ion Ratio Lower Upper

98 100

100 62.6 50.2 75.2



#62

4-Bromofluorobenzene

Concen: 39.710 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.006 min

Lab File: VY011413.D

Acq: 11 Nov 2022 13:09

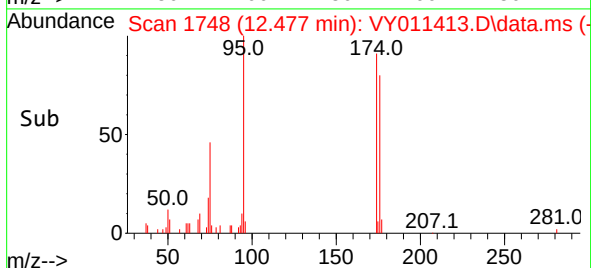
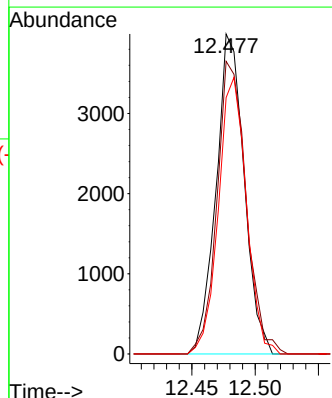
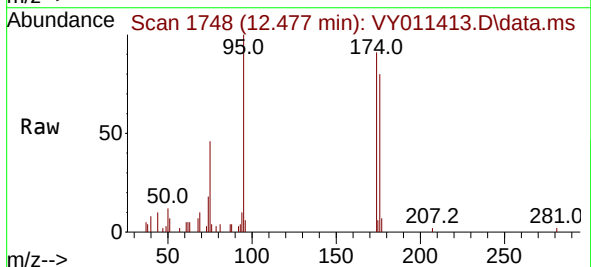
Tgt Ion: 95 Resp: 6146

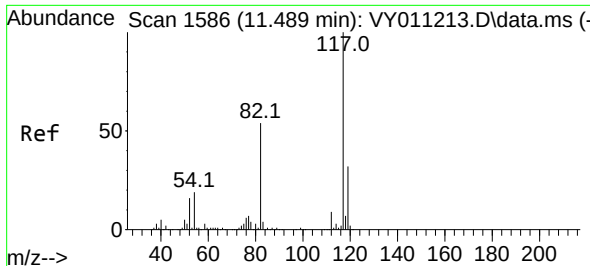
Ion Ratio Lower Upper

95 100

174 94.7 0.0 177.0

176 86.2 0.0 175.8

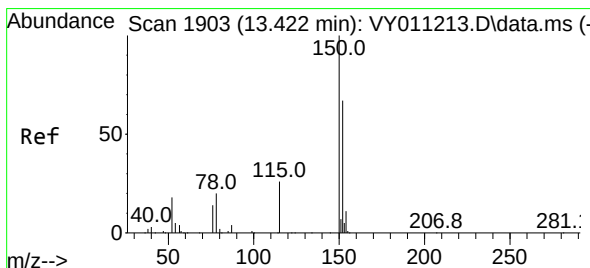
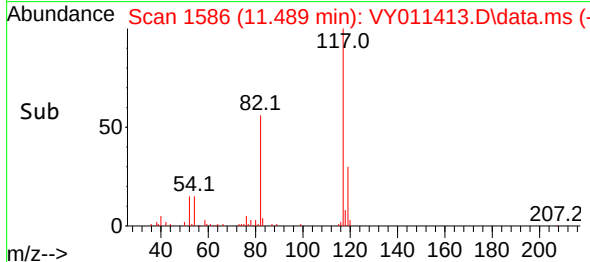
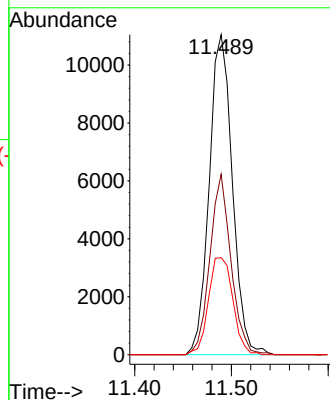
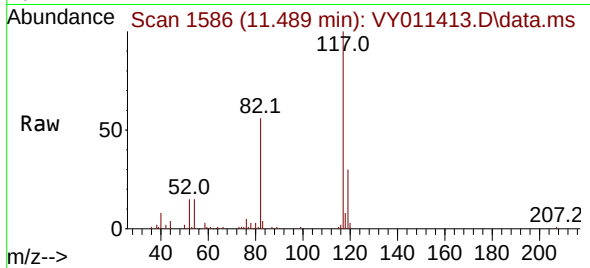




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY011413.D
Acq: 11 Nov 2022 13:09

Instrument :
MSVOA_Y
ClientSampleId :
SB-13

Tgt Ion:117 Resp: 18363
Ion Ratio Lower Upper
117 100
82 56.4 43.0 64.4
119 30.3 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY011413.D
Acq: 11 Nov 2022 13:09

Tgt Ion:152 Resp: 5831
Ion Ratio Lower Upper
152 100
115 57.8 28.2 84.7
150 163.5 0.0 347.6

