

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111122\
 Data File : VY011415.D
 Acq On : 11 Nov 2022 13:54
 Operator : KP/MD
 Sample : N5530-05
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-11

Quant Time: Nov 11 15:25:13 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	11511	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	19594	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	16973	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	5300	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	6170	63.965	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	127.940%
35) Dibromofluoromethane	7.710	113	2930	26.683	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	53.360%#
50) Toluene-d8	10.179	98	15790	37.640	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	75.280%
62) 4-Bromofluorobenzene	12.477	95	4760	32.532	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	65.060%

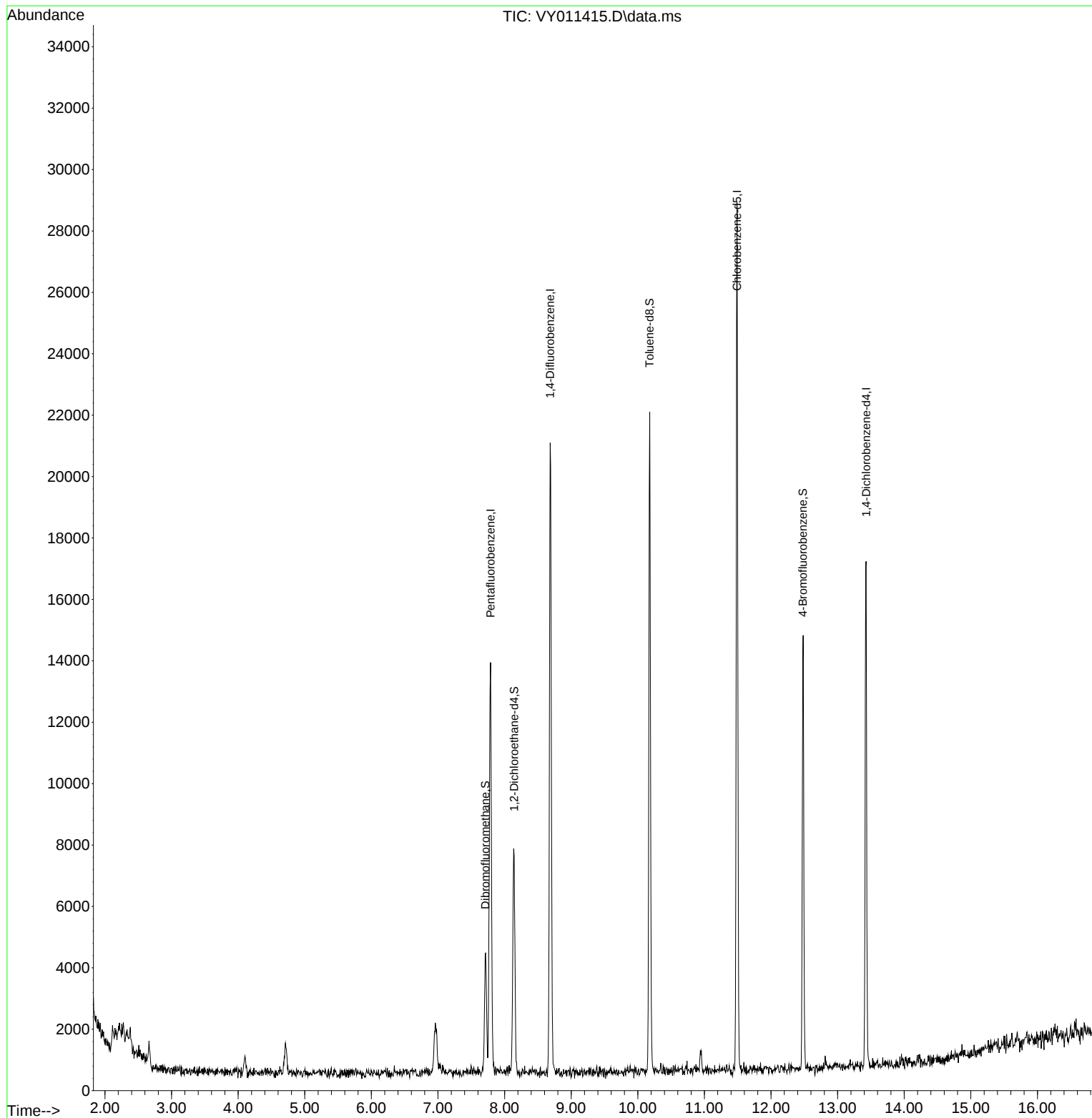
Target Compounds	Qvalue

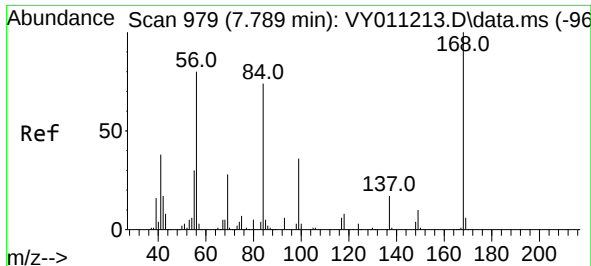
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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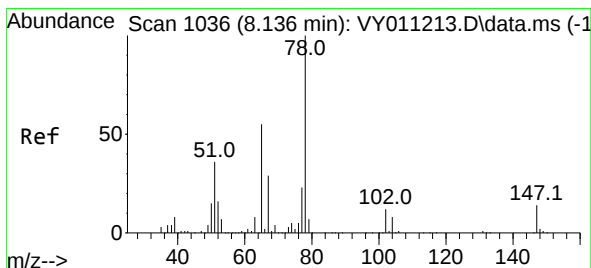
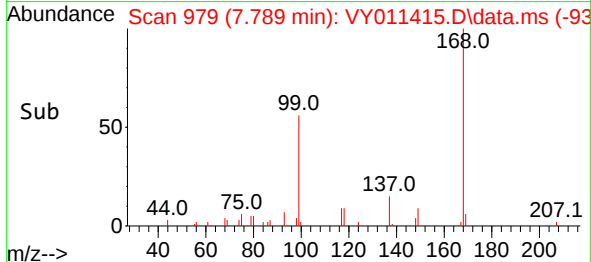
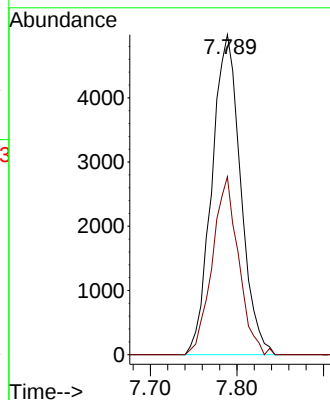
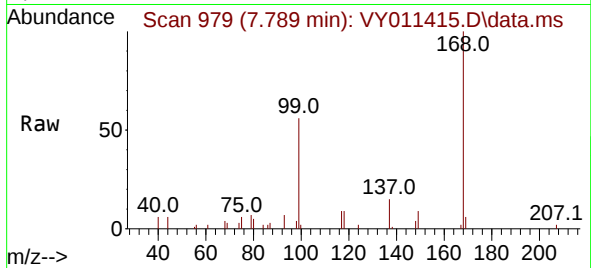




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011415.D
Acq: 11 Nov 2022 13:54

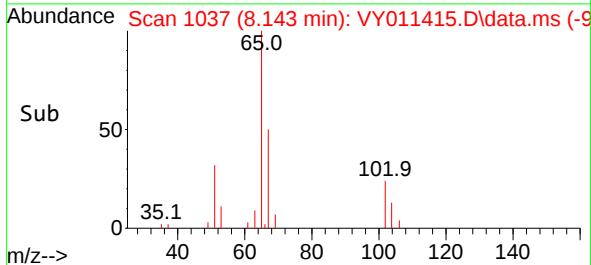
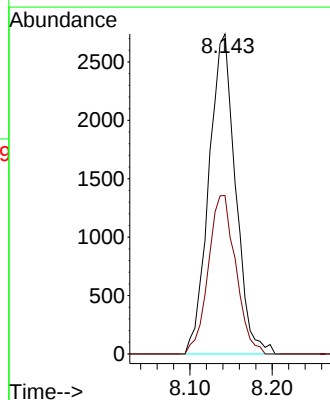
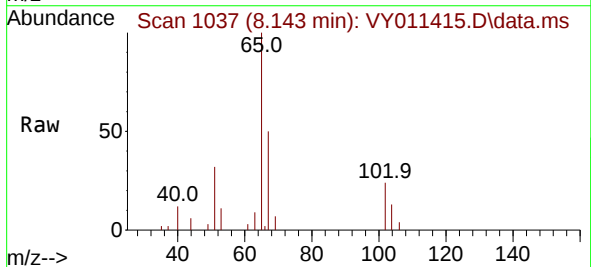
Instrument :
MSVOA_Y
ClientSampleId :
SB-11

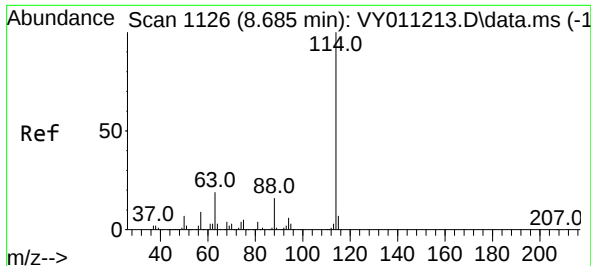
Tgt Ion:168 Resp: 11511
Ion Ratio Lower Upper
168 100
99 55.6 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 63.965 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.007 min
Lab File: VY011415.D
Acq: 11 Nov 2022 13:54

Tgt Ion: 65 Resp: 6170
Ion Ratio Lower Upper
65 100
67 51.0 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY011415.D

Acq: 11 Nov 2022 13:54

Instrument :

MSVOA_Y

ClientSampleId :

SB-11

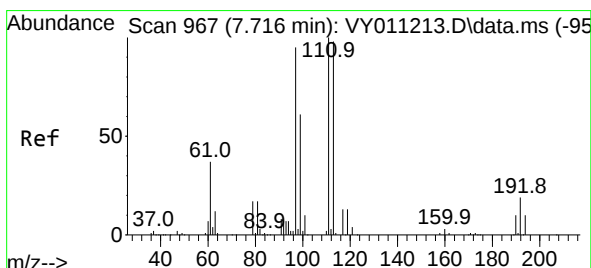
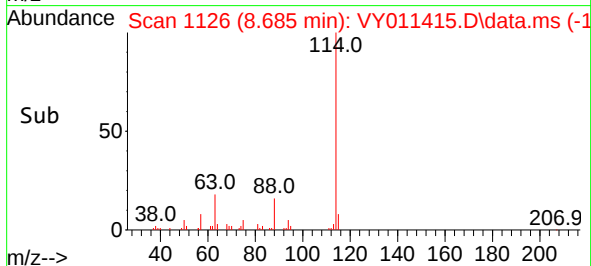
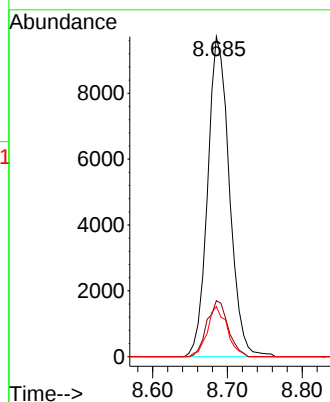
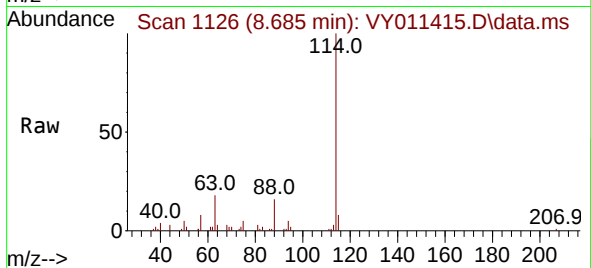
Tgt Ion:114 Resp: 19594

Ion Ratio Lower Upper

114 100

63 17.5 0.0 43.2

88 15.6 0.0 31.8



#35

Dibromofluoromethane

Concen: 26.683 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY011415.D

Acq: 11 Nov 2022 13:54

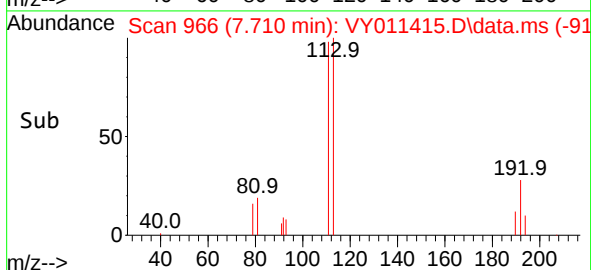
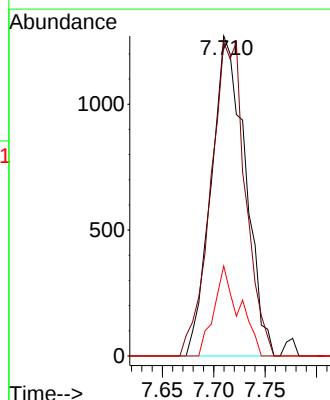
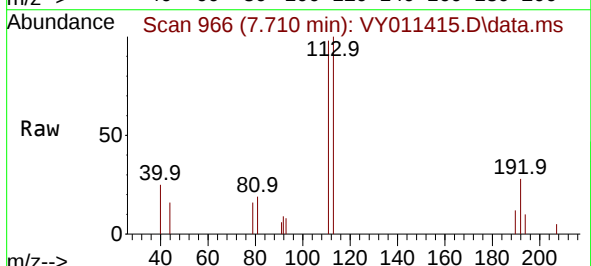
Tgt Ion:113 Resp: 2930

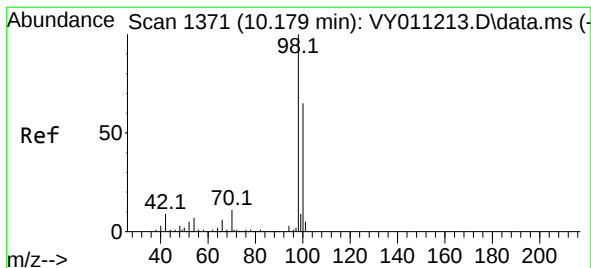
Ion Ratio Lower Upper

113 100

111 99.7 82.6 124.0

192 21.0 17.6 26.4





#50

Toluene-d8

Concen: 37.640 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY011415.D

Acq: 11 Nov 2022 13:54

Instrument :

MSVOA_Y

ClientSampleId :

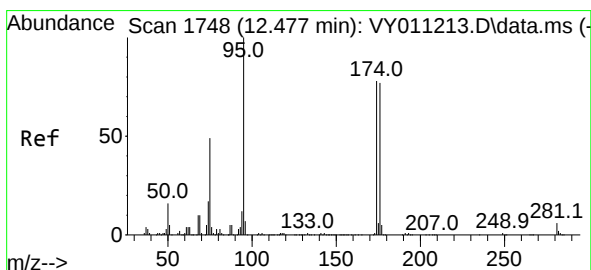
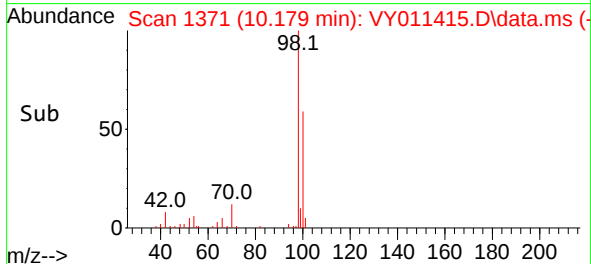
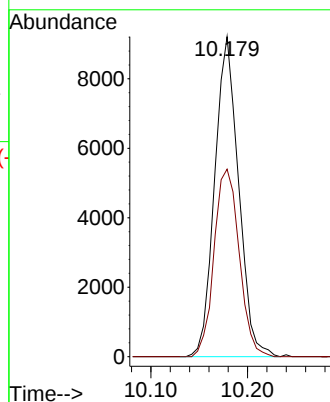
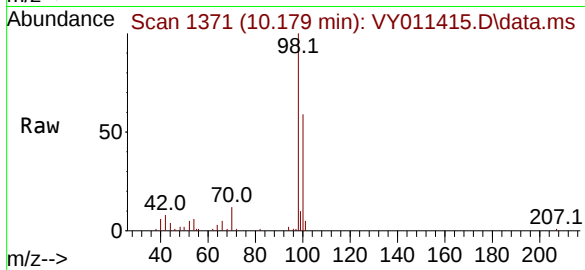
SB-11

Tgt Ion: 98 Resp: 15790

Ion Ratio Lower Upper

98 100

100 61.6 50.2 75.2



#62

4-Bromofluorobenzene

Concen: 32.532 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.006 min

Lab File: VY011415.D

Acq: 11 Nov 2022 13:54

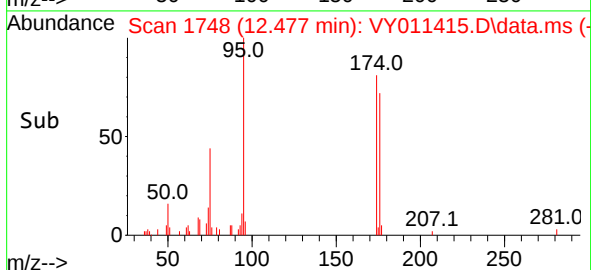
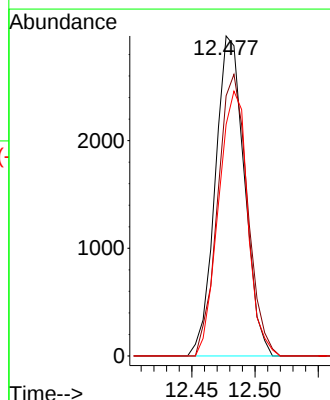
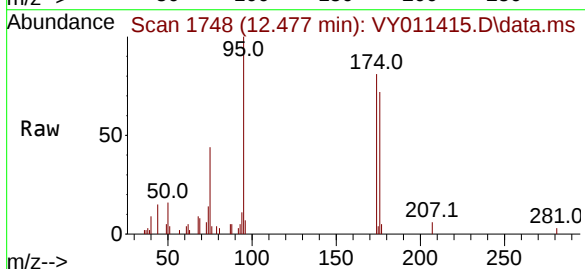
Tgt Ion: 95 Resp: 4760

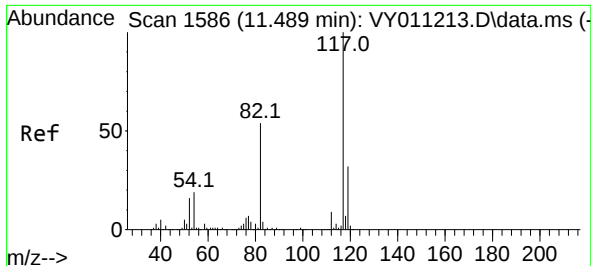
Ion Ratio Lower Upper

95 100

174 89.9 0.0 177.0

176 82.8 0.0 175.8

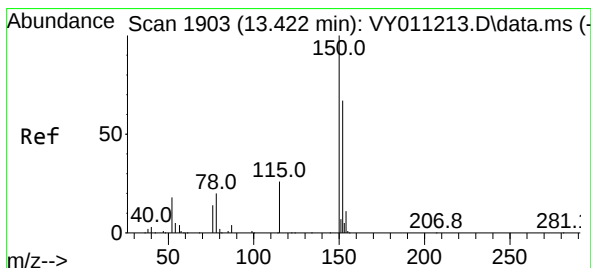
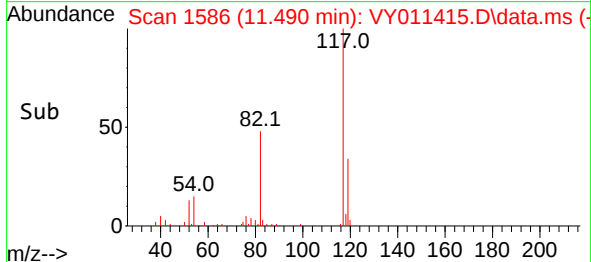
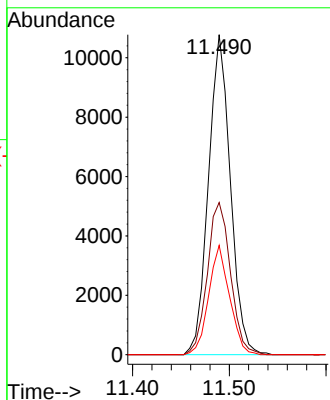
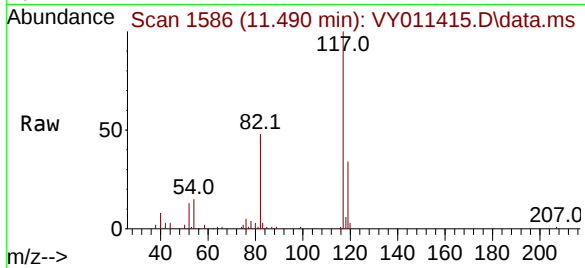




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011415.D
Acq: 11 Nov 2022 13:54

Instrument :
MSVOA_Y
ClientSampleId :
SB-11

Tgt Ion:117 Resp: 16973
Ion Ratio Lower Upper
117 100
82 47.5 43.0 64.4
119 34.2 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY011415.D
Acq: 11 Nov 2022 13:54

Tgt Ion:152 Resp: 5300
Ion Ratio Lower Upper
152 100
115 55.7 28.2 84.7
150 146.9 0.0 347.6

