

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111122\
 Data File : VY011417.D
 Acq On : 11 Nov 2022 14:39
 Operator : KP/MD
 Sample : N5530-09
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-09

Quant Time: Nov 11 15:25:27 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	3595	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	6420	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	5620	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	1813	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	2860	94.938	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	189.880%#
35) Dibromofluoromethane	7.716	113	923	25.654	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	51.300%#
50) Toluene-d8	10.179	98	4556	33.146	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	66.300%
62) 4-Bromofluorobenzene	12.483	95	1906	39.757	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	79.520%

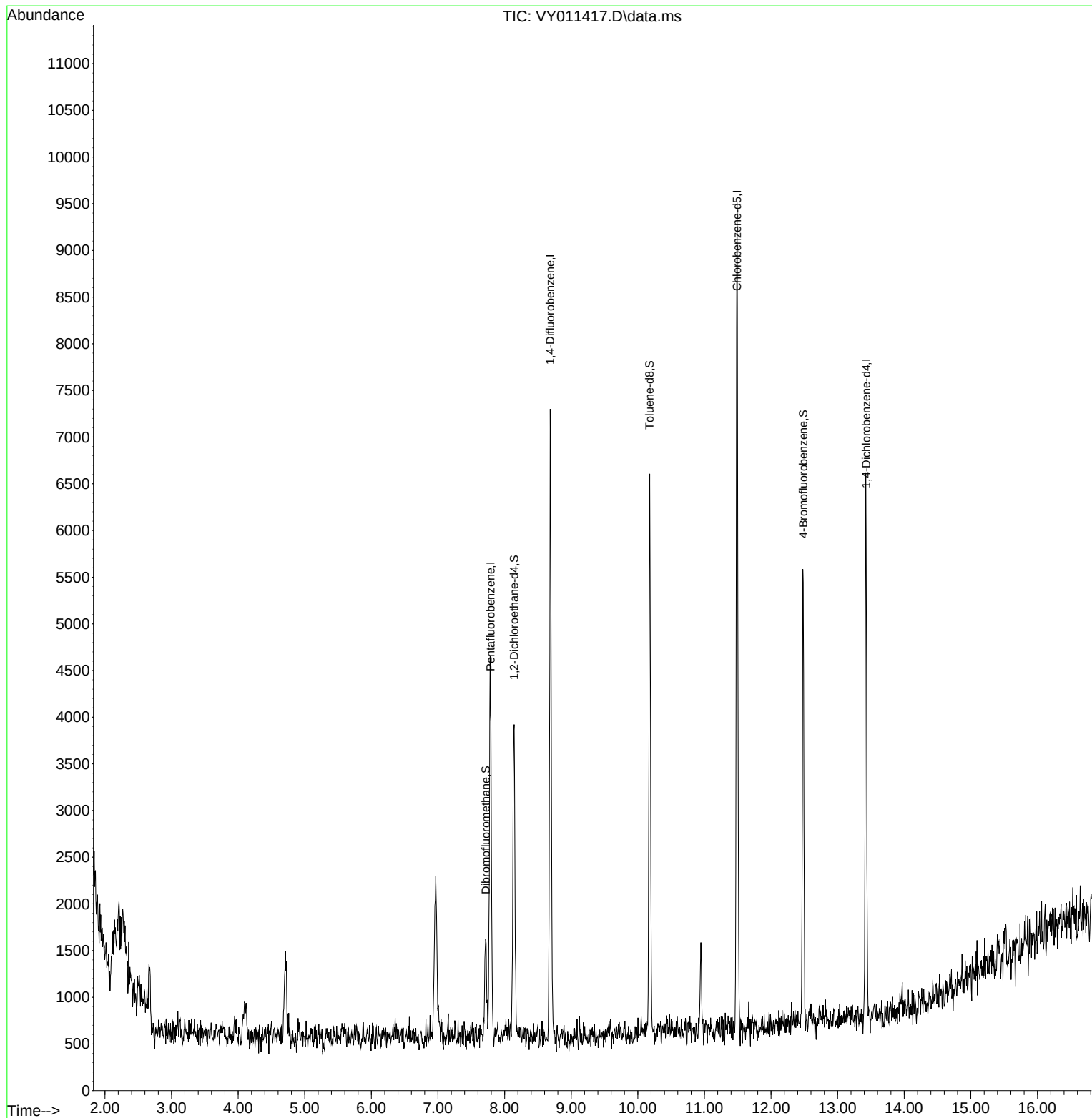
Target Compounds	Qvalue

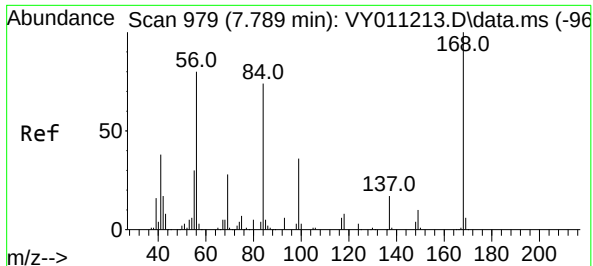
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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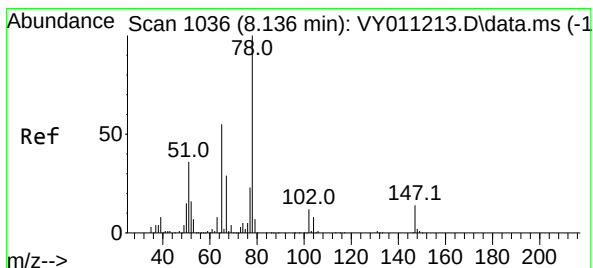
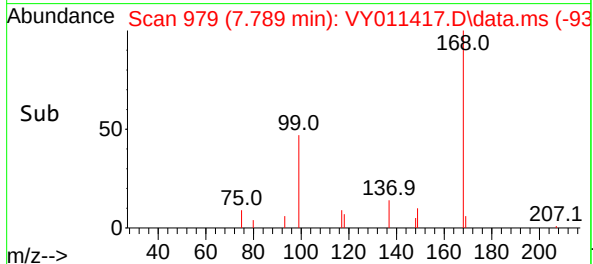
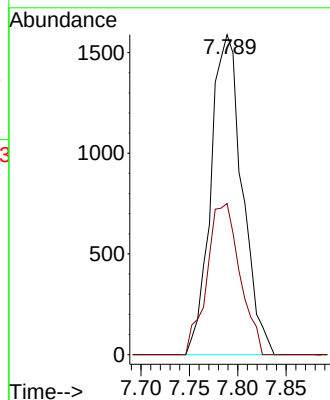
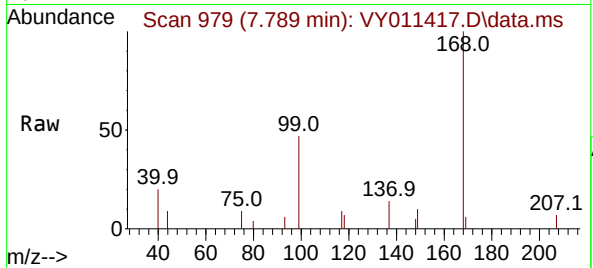




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011417.D
Acq: 11 Nov 2022 14:39

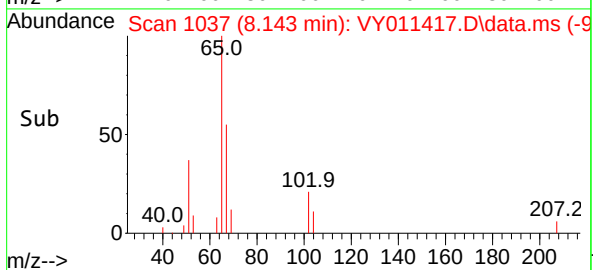
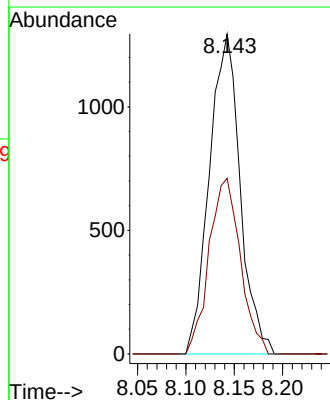
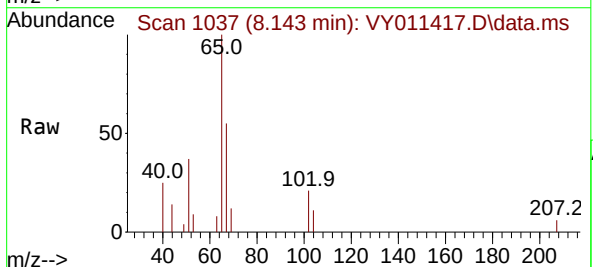
Instrument :
MSVOA_Y
ClientSampleId :
SB-09

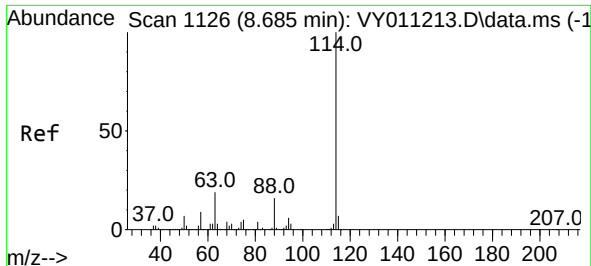
Tgt Ion:168 Resp: 3595
Ion Ratio Lower Upper
168 100
99 47.3 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 94.938 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.007 min
Lab File: VY011417.D
Acq: 11 Nov 2022 14:39

Tgt Ion: 65 Resp: 2860
Ion Ratio Lower Upper
65 100
67 55.8 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: VY011417.D

Acq: 11 Nov 2022 14:39

Instrument :

MSVOA_Y

ClientSampleId :

SB-09

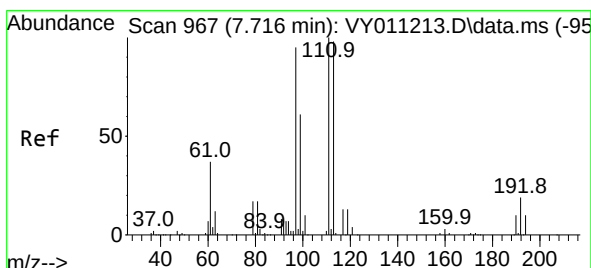
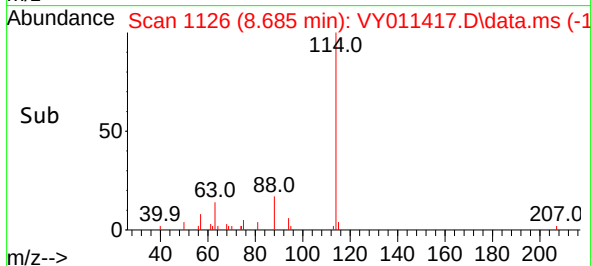
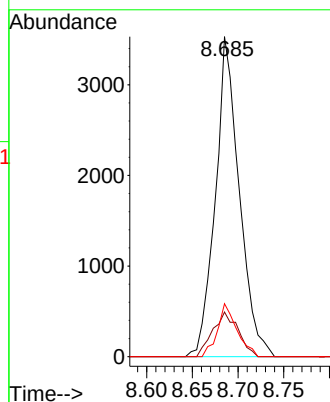
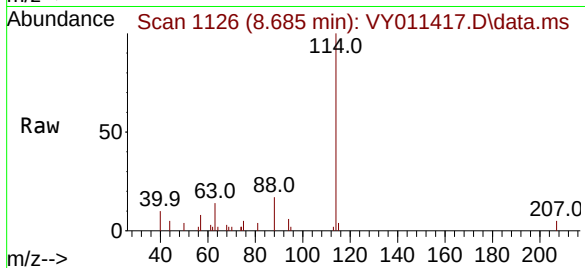
Tgt Ion:114 Resp: 6420

Ion Ratio Lower Upper

114 100

63 14.0 0.0 43.2

88 16.5 0.0 31.8



#35

Dibromofluoromethane

Concen: 25.654 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.006 min

Lab File: VY011417.D

Acq: 11 Nov 2022 14:39

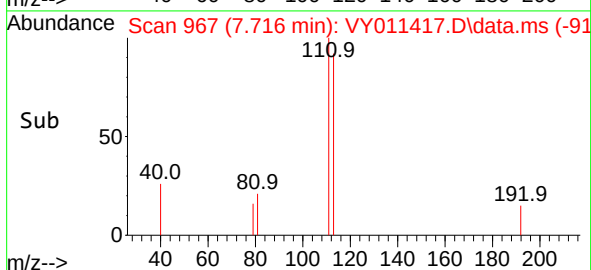
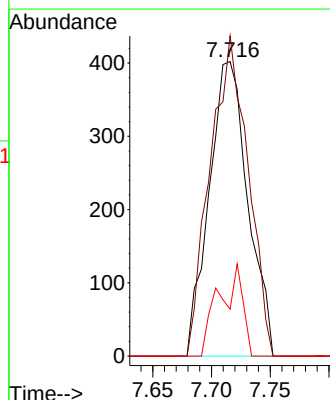
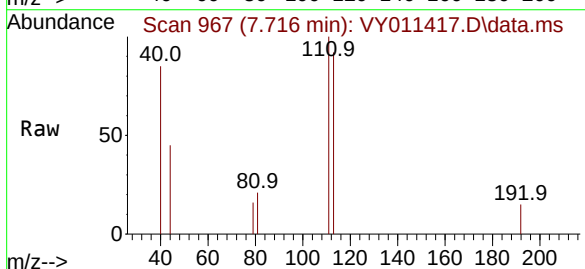
Tgt Ion:113 Resp: 923

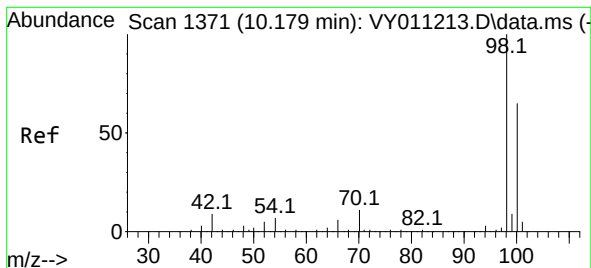
Ion Ratio Lower Upper

113 100

111 106.5 82.6 124.0

192 19.1 17.6 26.4





#50

Toluene-d8

Concen: 33.146 ug/l

RT: 10.179 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY011417.D

Acq: 11 Nov 2022 14:39

Instrument :

MSVOA_Y

ClientSampleId :

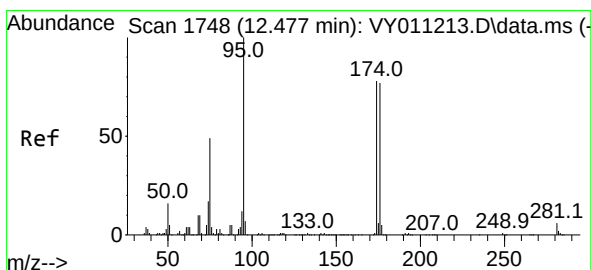
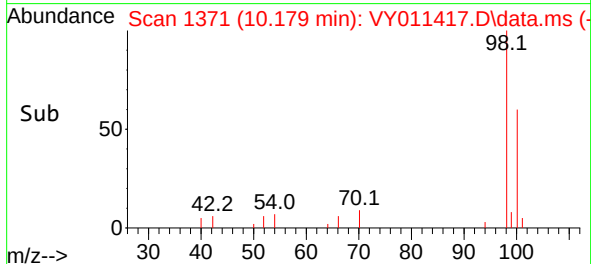
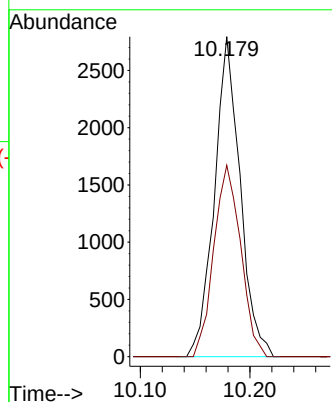
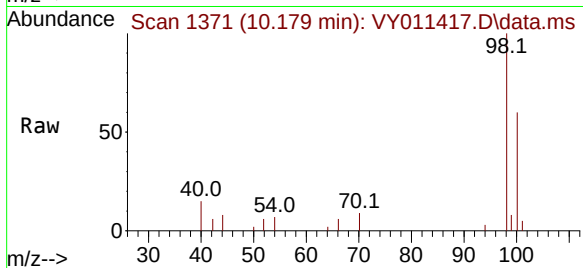
SB-09

Tgt Ion: 98 Resp: 4556

Ion Ratio Lower Upper

98 100

100 62.5 50.2 75.2



#62

4-Bromofluorobenzene

Concen: 39.757 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY011417.D

Acq: 11 Nov 2022 14:39

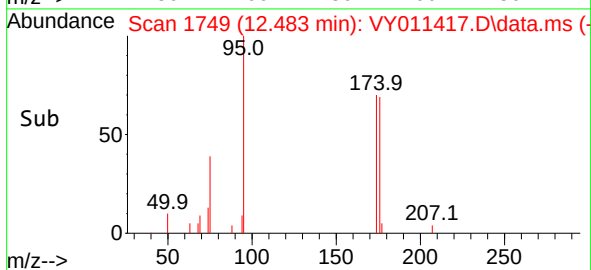
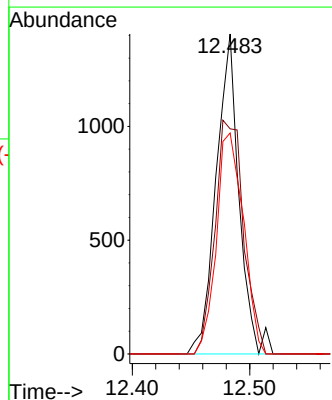
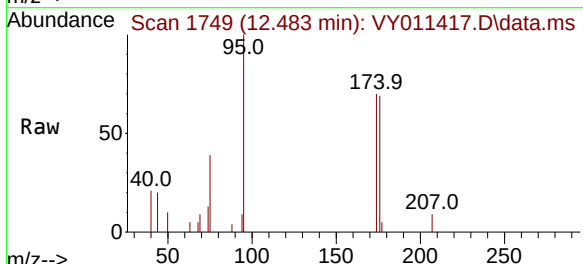
Tgt Ion: 95 Resp: 1906

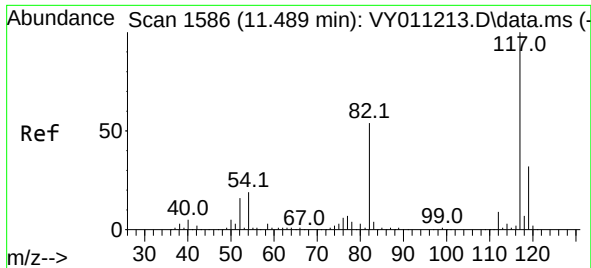
Ion Ratio Lower Upper

95 100

174 91.1 0.0 177.0

176 81.5 0.0 175.8

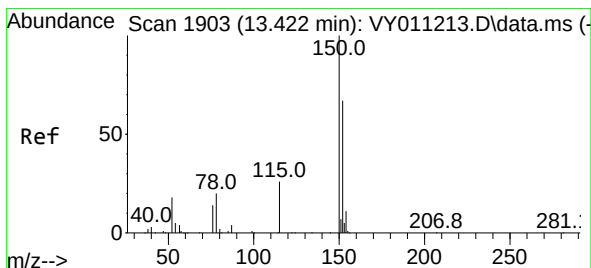
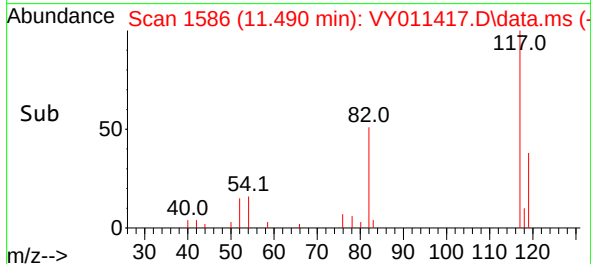
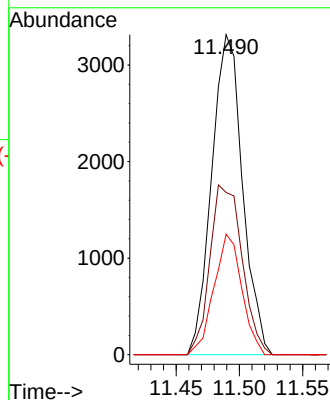
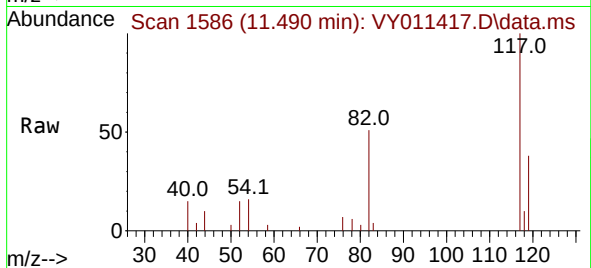




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY011417.D
Acq: 11 Nov 2022 14:39

Instrument :
MSVOA_Y
ClientSampleId :
SB-09

Tgt Ion:117 Resp: 5620
Ion Ratio Lower Upper
117 100
82 50.7 43.0 64.4
119 37.7 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: VY011417.D
Acq: 11 Nov 2022 14:39

Tgt Ion:152 Resp: 1813
Ion Ratio Lower Upper
152 100
115 60.3 28.2 84.7
150 161.4 0.0 347.6

