

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111122\
 Data File : VY011411.D
 Acq On : 11 Nov 2022 12:24
 Operator : KP/MD
 Sample : N5561-03
 Misc : 5.09g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-06

Quant Time: Nov 11 13:33:20 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	81945	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	128629	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	107145	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	37796	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	45134	65.728	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	131.460%
35) Dibromofluoromethane	7.716	113	47162	65.424	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	130.840%
50) Toluene-d8	10.179	98	155002	56.284	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	112.560%
62) 4-Bromofluorobenzene	12.483	95	40306	41.962	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	83.920%

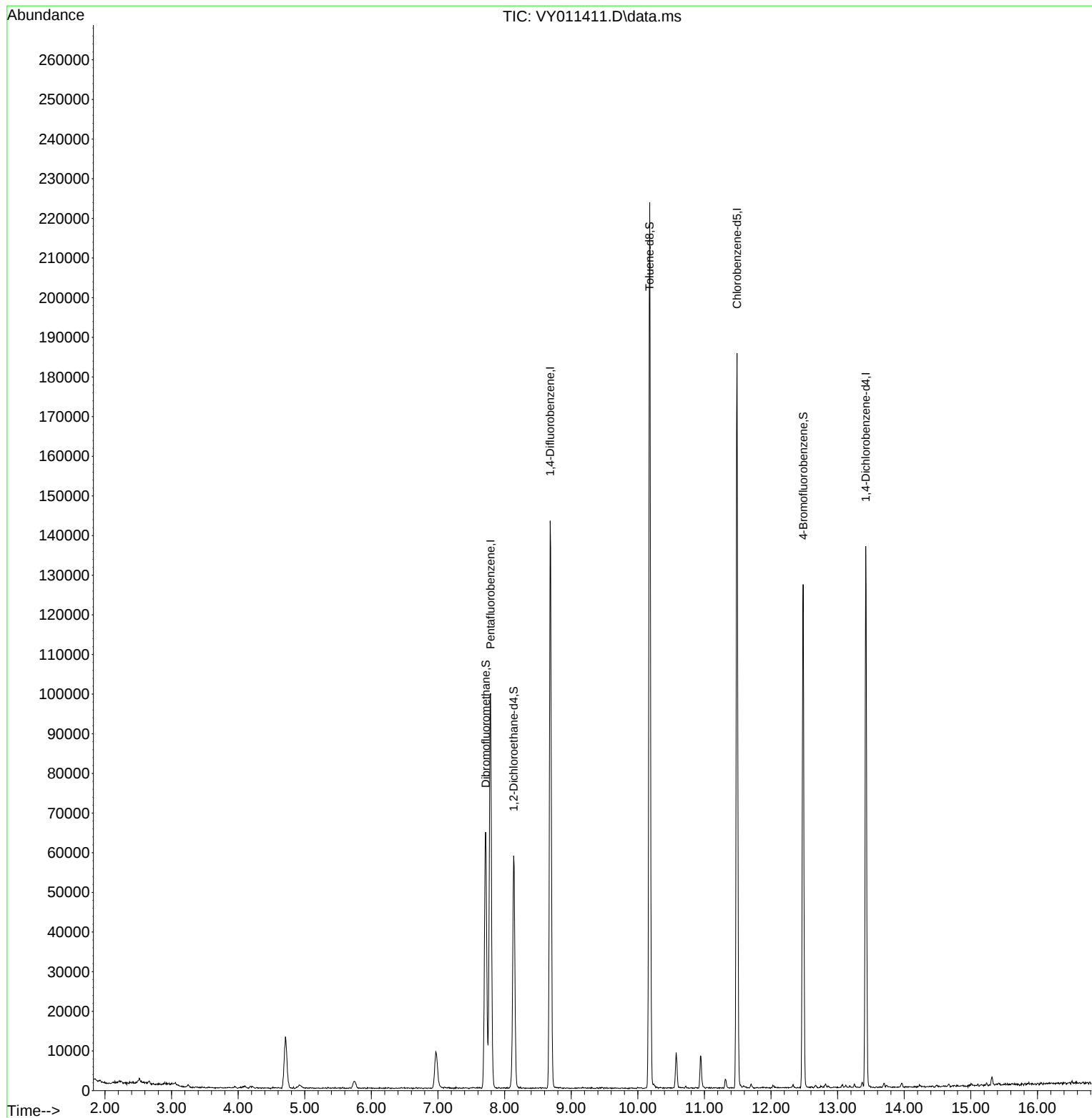
Target Compounds	Qvalue

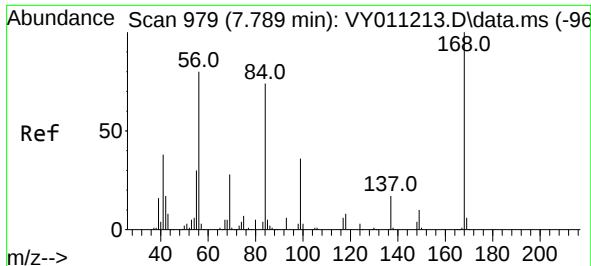
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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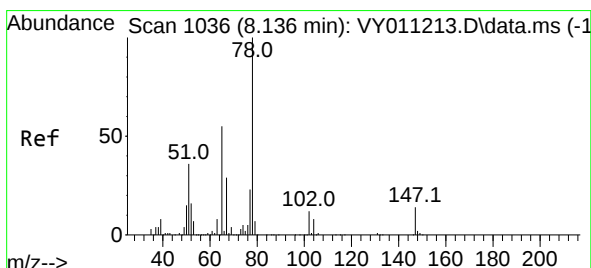
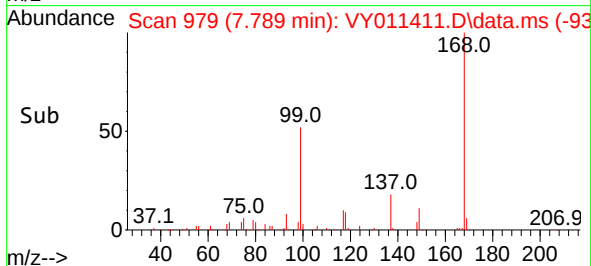
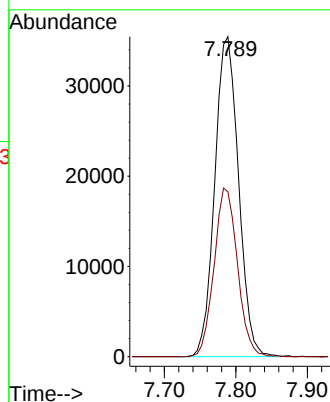
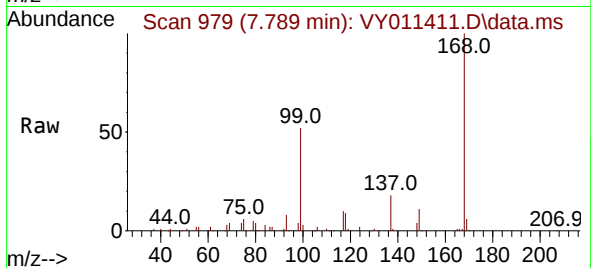




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011411.D
Acq: 11 Nov 2022 12:24

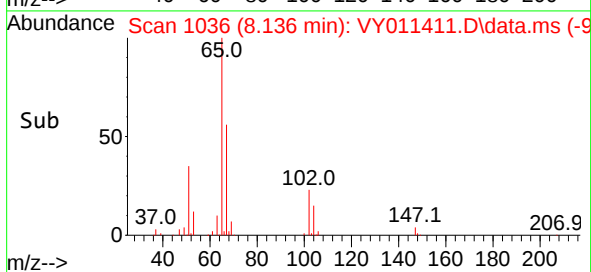
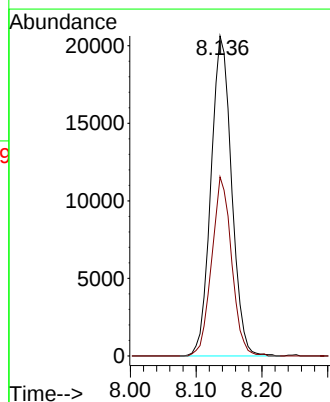
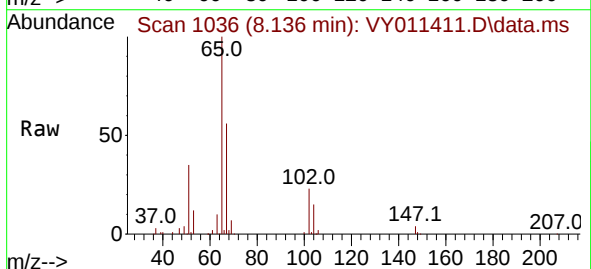
Instrument :
MSVOA_Y
ClientSampleId :
SB-06

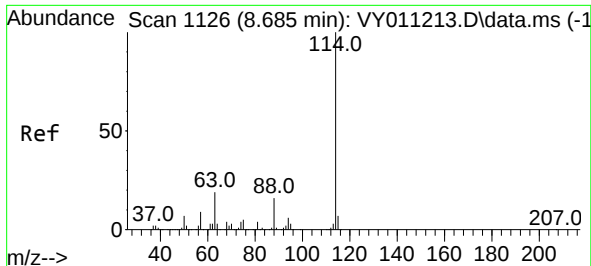
Tgt Ion:168 Resp: 81945
Ion Ratio Lower Upper
168 100
99 51.5 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 65.728 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY011411.D
Acq: 11 Nov 2022 12:24

Tgt Ion: 65 Resp: 45134
Ion Ratio Lower Upper
65 100
67 54.0 0.0 99.4

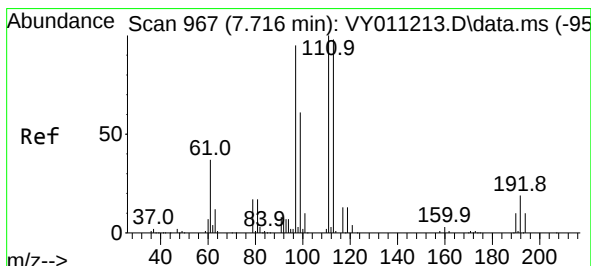
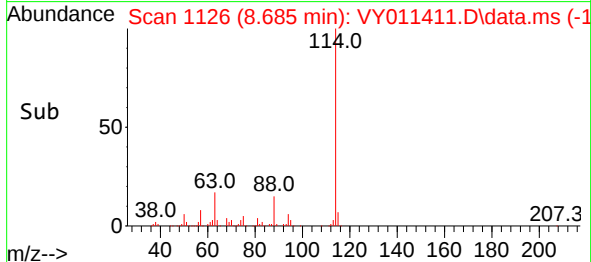
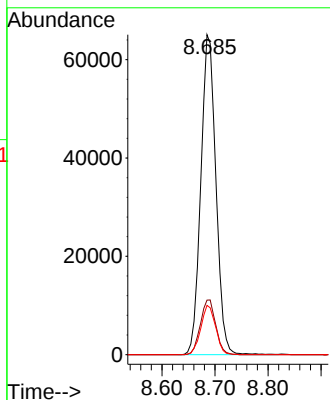
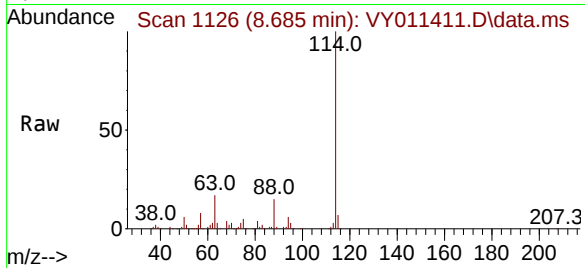




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011411.D
Acq: 11 Nov 2022 12:24

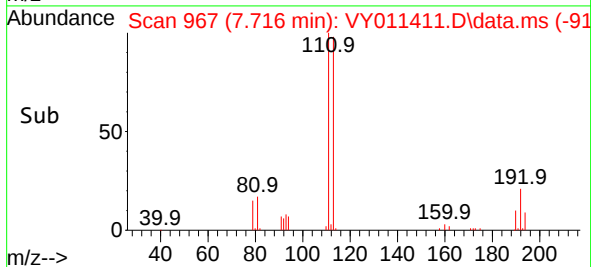
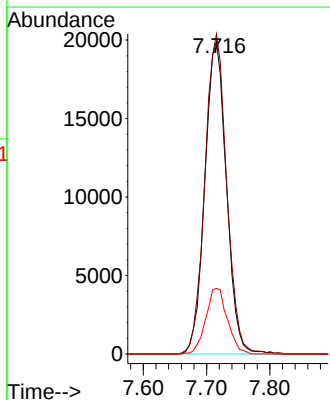
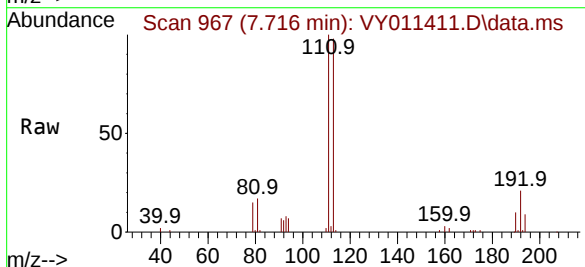
Instrument :
MSVOA_Y
ClientSampleId :
SB-06

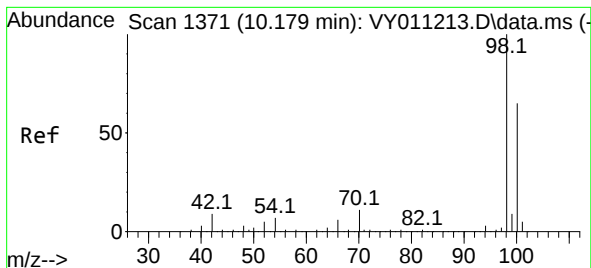
Tgt Ion:114 Resp: 128629
Ion Ratio Lower Upper
114 100
63 17.0 0.0 43.2
88 15.4 0.0 31.8



#35
Dibromofluoromethane
Concen: 65.424 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.006 min
Lab File: VY011411.D
Acq: 11 Nov 2022 12:24

Tgt Ion:113 Resp: 47162
Ion Ratio Lower Upper
113 100
111 103.7 82.6 124.0
192 21.0 17.6 26.4





#50

Toluene-d8

Concen: 56.284 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY011411.D

Acq: 11 Nov 2022 12:24

Instrument :

MSVOA_Y

ClientSampleId :

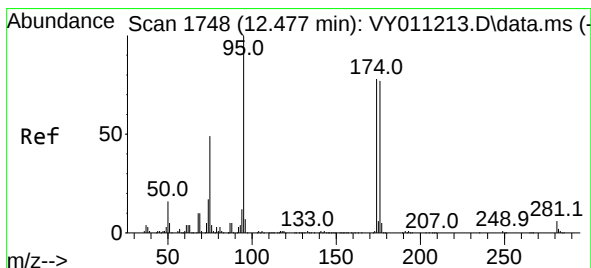
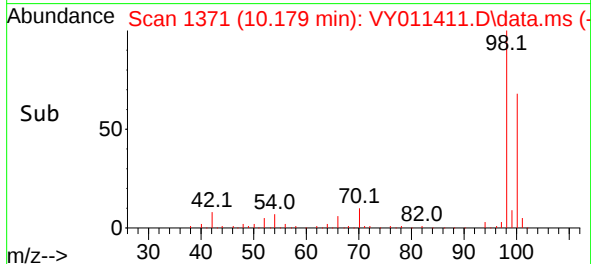
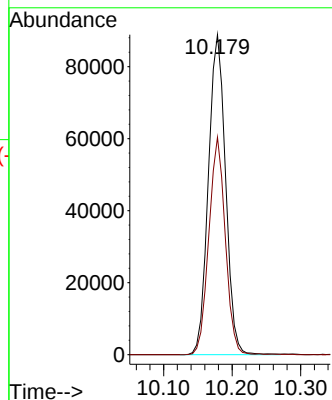
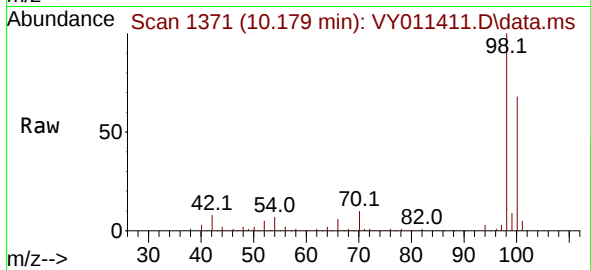
SB-06

Tgt Ion: 98 Resp: 155002

Ion Ratio Lower Upper

98 100

100 65.0 50.2 75.2



#62

4-Bromofluorobenzene

Concen: 41.962 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY011411.D

Acq: 11 Nov 2022 12:24

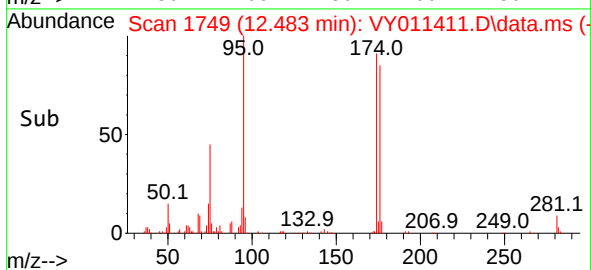
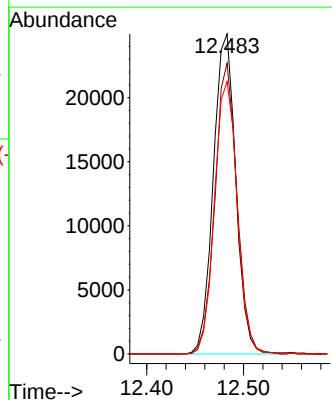
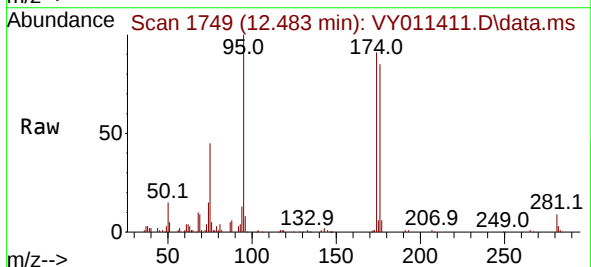
Tgt Ion: 95 Resp: 40306

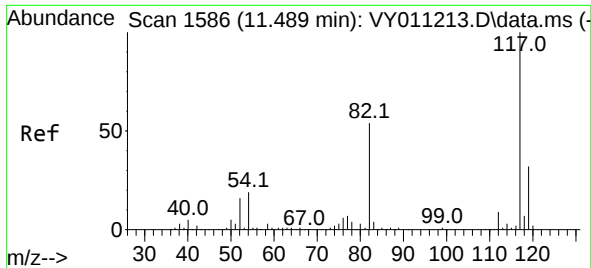
Ion Ratio Lower Upper

95 100

174 89.0 0.0 177.0

176 86.0 0.0 175.8

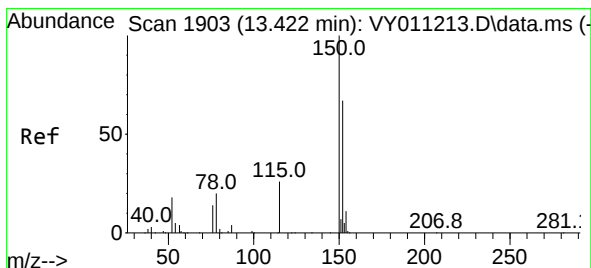
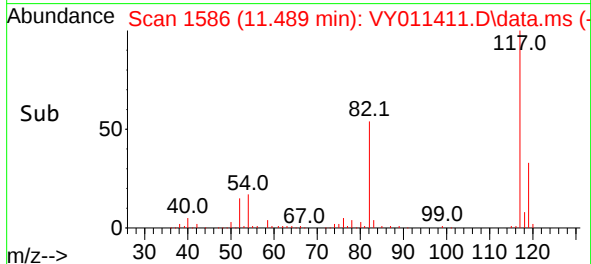
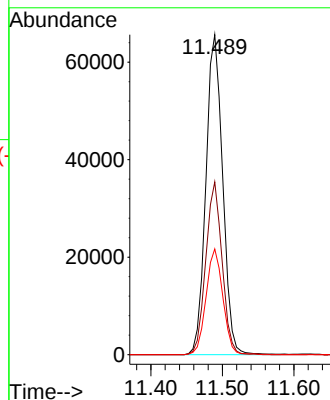
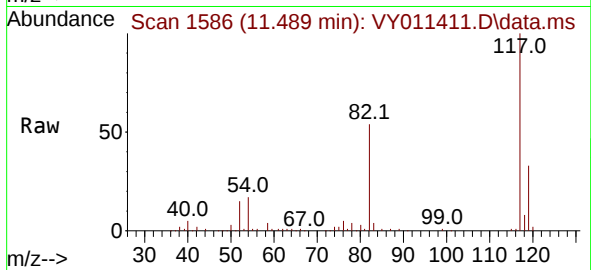




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY011411.D
Acq: 11 Nov 2022 12:24

Instrument :
MSVOA_Y
ClientSampleId :
SB-06

Tgt Ion:117 Resp: 107145
Ion Ratio Lower Upper
117 100
82 54.0 43.0 64.4
119 33.1 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: VY011411.D
Acq: 11 Nov 2022 12:24

Tgt Ion:152 Resp: 37796
Ion Ratio Lower Upper
152 100
115 57.1 28.2 84.7
150 160.6 0.0 347.6

