

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102422\
 Data File : VY011080.D
 Acq On : 24 Oct 2022 19:23
 Operator : KP/MD
 Sample : N5256-03
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-F2-14.5-15.0

Quant Time: Oct 25 05:48:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101722S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 18 01:42:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	258248	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	449256	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	401868	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	187076	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	138009	58.015	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	116.040%
35) Dibromofluoromethane	7.716	113	144309	57.969	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	115.940%
50) Toluene-d8	10.179	98	498688	53.162	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	106.320%
62) 4-Bromofluorobenzene	12.477	95	169530	51.086	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	102.180%

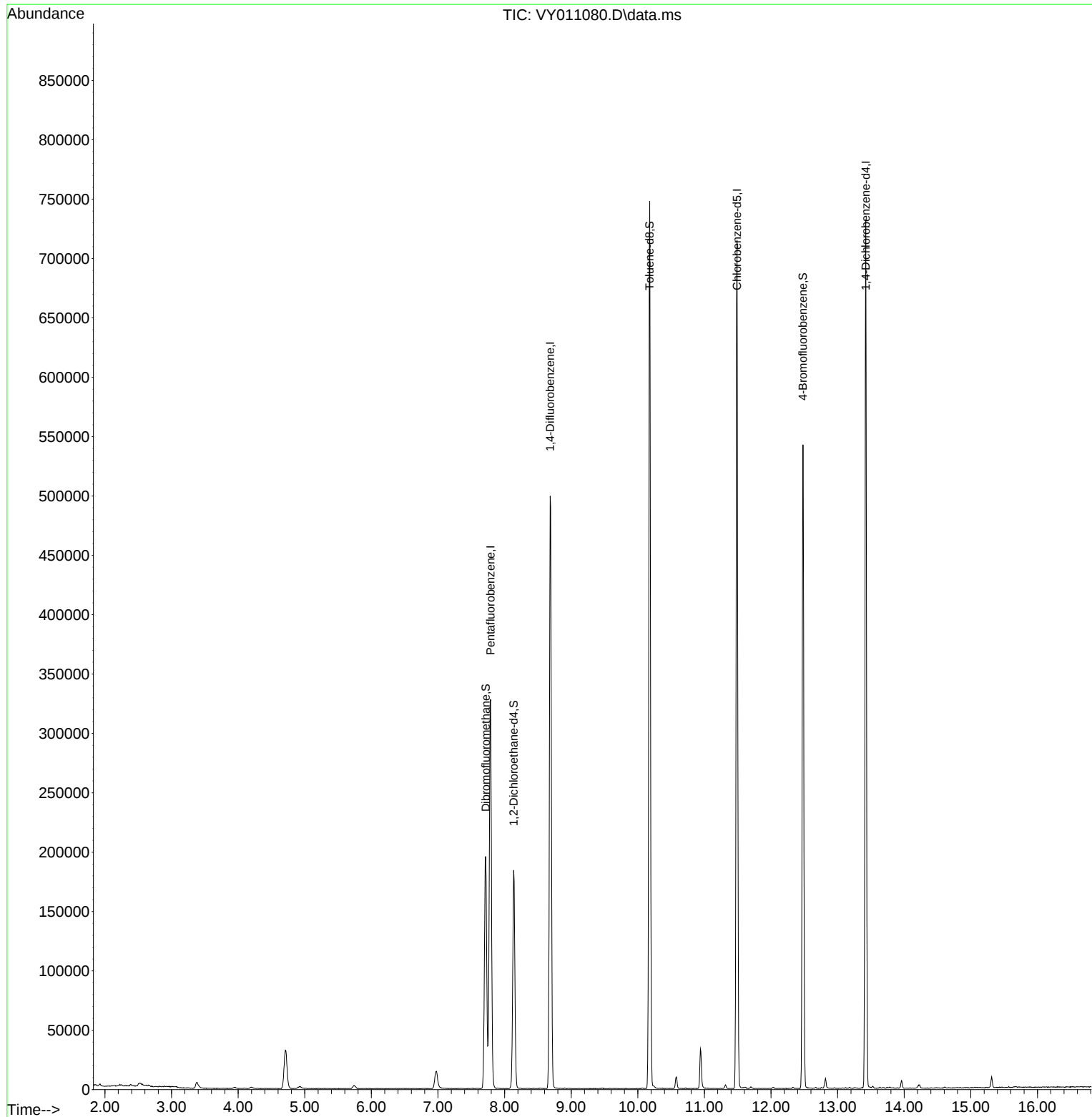
Target Compounds	Qvalue

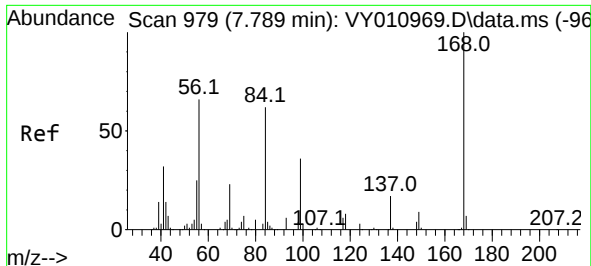
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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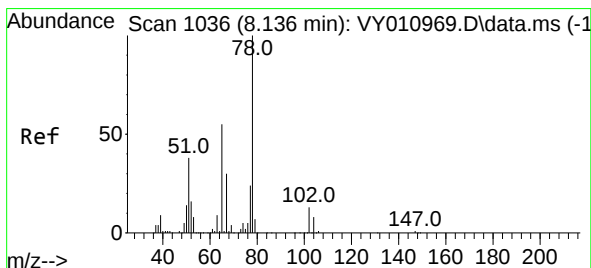
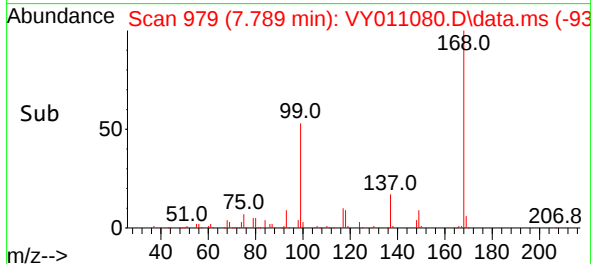
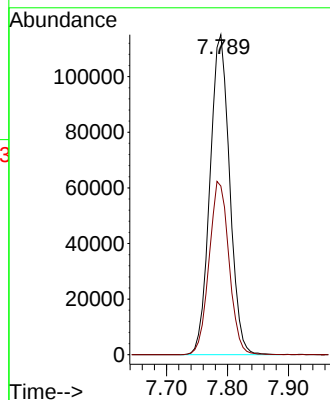
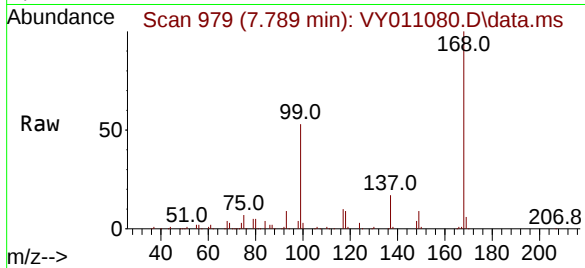




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011080.D
Acq: 24 Oct 2022 19:23

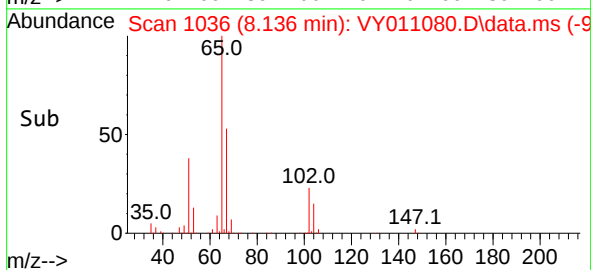
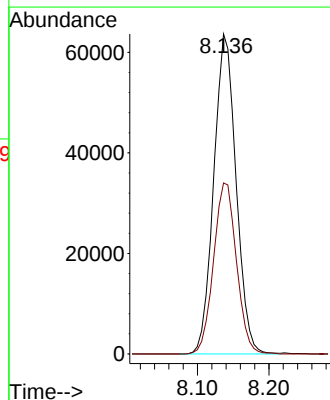
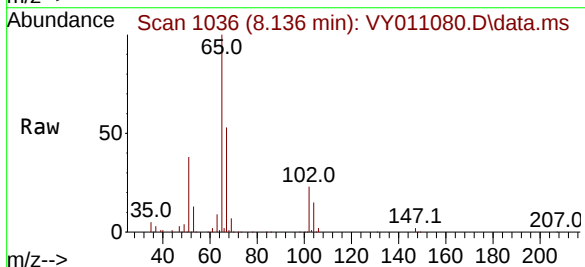
Instrument :
MSVOA_Y
ClientSampleId :
SB-F2-14.5-15.0

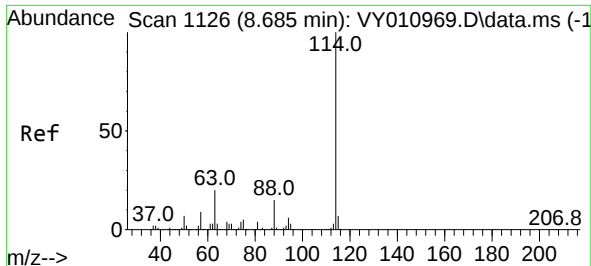
Tgt Ion:168 Resp: 258248
Ion Ratio Lower Upper
168 100
99 52.7 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 58.015 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY011080.D
Acq: 24 Oct 2022 19:23

Tgt Ion: 65 Resp: 138009
Ion Ratio Lower Upper
65 100
67 54.8 0.0 99.4

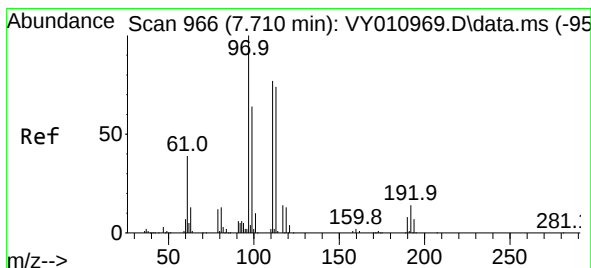
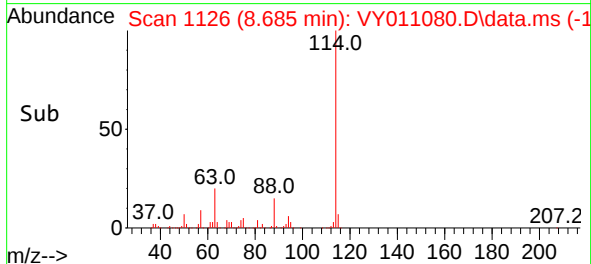
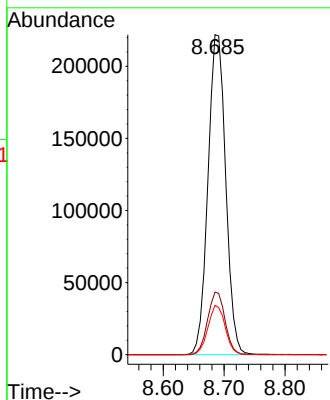
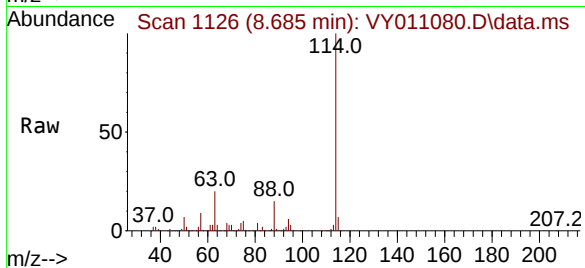




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY011080.D
Acq: 24 Oct 2022 19:23

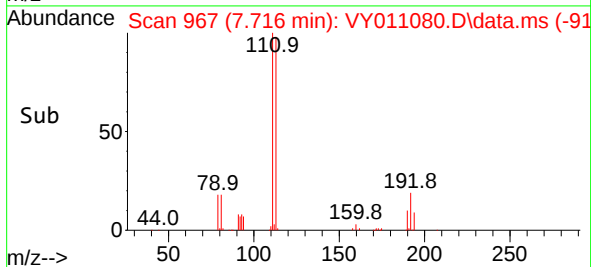
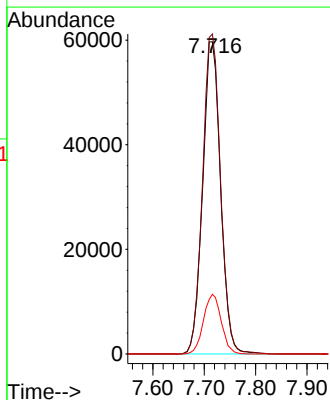
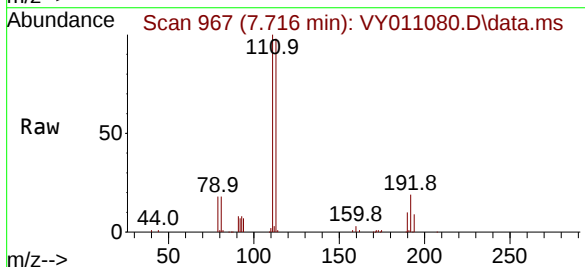
Instrument :
MSVOA_Y
ClientSampleId :
SB-F2-14.5-15.0

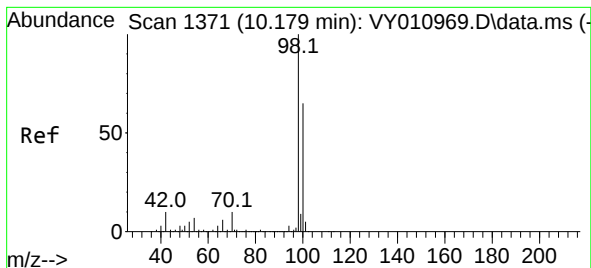
Tgt Ion:114 Resp: 449256
Ion Ratio Lower Upper
114 100
63 19.5 0.0 43.2
88 15.4 0.0 31.8



#35
Dibromofluoromethane
Concen: 57.969 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.006 min
Lab File: VY011080.D
Acq: 24 Oct 2022 19:23

Tgt Ion:113 Resp: 144309
Ion Ratio Lower Upper
113 100
111 103.2 82.6 124.0
192 19.0 17.6 26.4





#50

Toluene-d8

Concen: 53.162 ug/l

RT: 10.179 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY011080.D

Acq: 24 Oct 2022 19:23

Instrument :

MSVOA_Y

ClientSampleId :

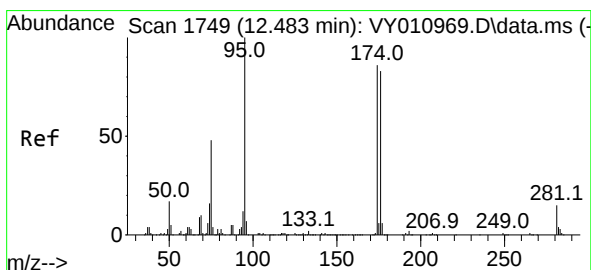
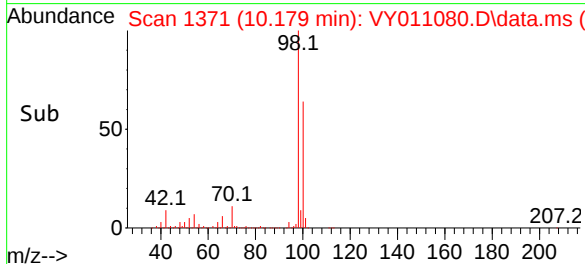
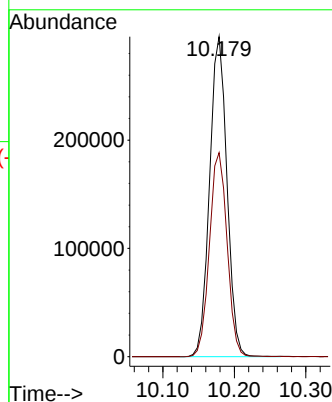
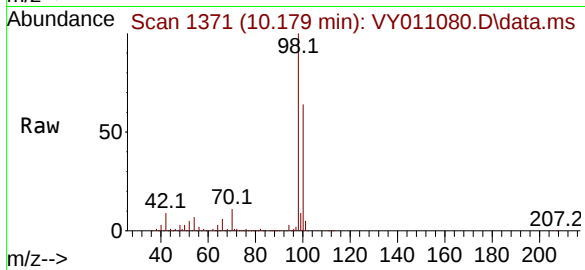
SB-F2-14.5-15.0

Tgt Ion: 98 Resp: 498688

Ion Ratio Lower Upper

98 100

100 64.8 50.2 75.2



#62

4-Bromofluorobenzene

Concen: 51.086 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.006 min

Lab File: VY011080.D

Acq: 24 Oct 2022 19:23

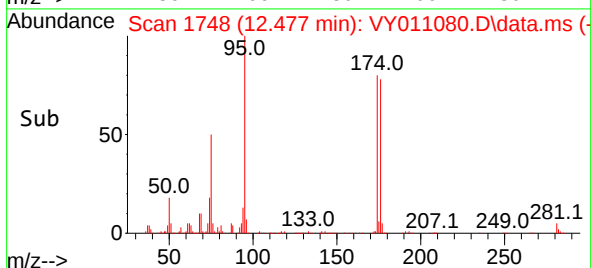
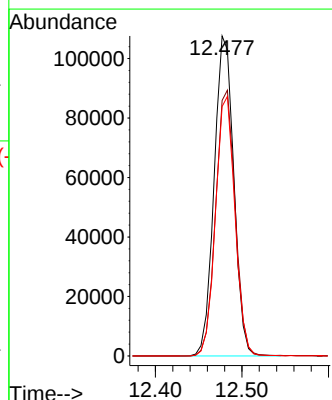
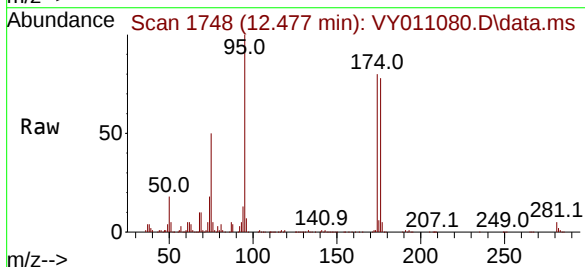
Tgt Ion: 95 Resp: 169530

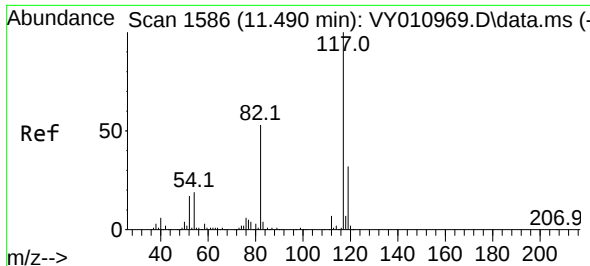
Ion Ratio Lower Upper

95 100

174 82.8 0.0 177.0

176 80.2 0.0 175.8

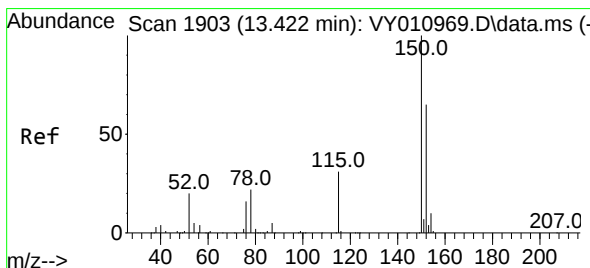
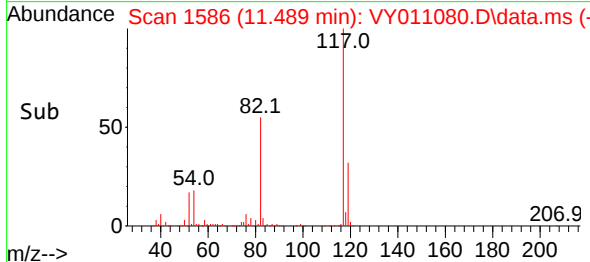
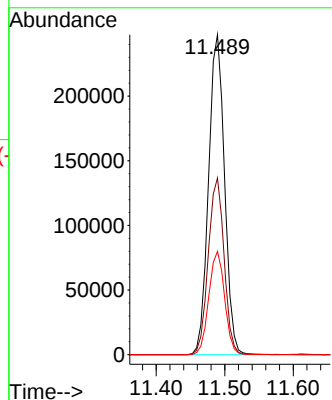
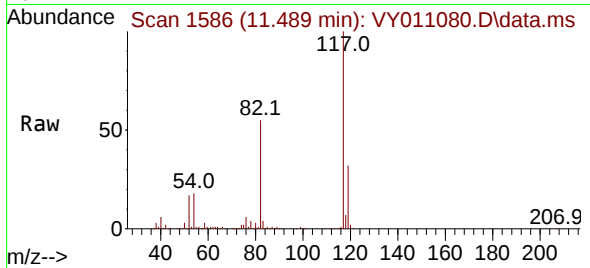




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY011080.D
Acq: 24 Oct 2022 19:23

Instrument :
MSVOA_Y
ClientSampleId :
SB-F2-14.5-15.0

Tgt Ion:117 Resp: 401868
Ion Ratio Lower Upper
117 100
82 55.2 43.0 64.4
119 32.3 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: VY011080.D
Acq: 24 Oct 2022 19:23

Tgt Ion:152 Resp: 187076
Ion Ratio Lower Upper
152 100
115 57.8 28.2 84.7
150 156.9 0.0 347.6

