

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102622\
 Data File : VY011121.D
 Acq On : 26 Oct 2022 17:05
 Operator : KP/MD
 Sample : N5281-10
 Misc : 3.69g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-10

Quant Time: Oct 27 04:40:10 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	7.783	168	332985	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	603834	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	537097	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	245258	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	127798	41.665	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	83.320%
35) Dibromofluoromethane	7.710	113	137869	40.553	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	81.100%
50) Toluene-d8	10.173	98	444049	35.219	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	70.440%
62) 4-Bromofluorobenzene	12.477	95	160050	34.909	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	69.820%

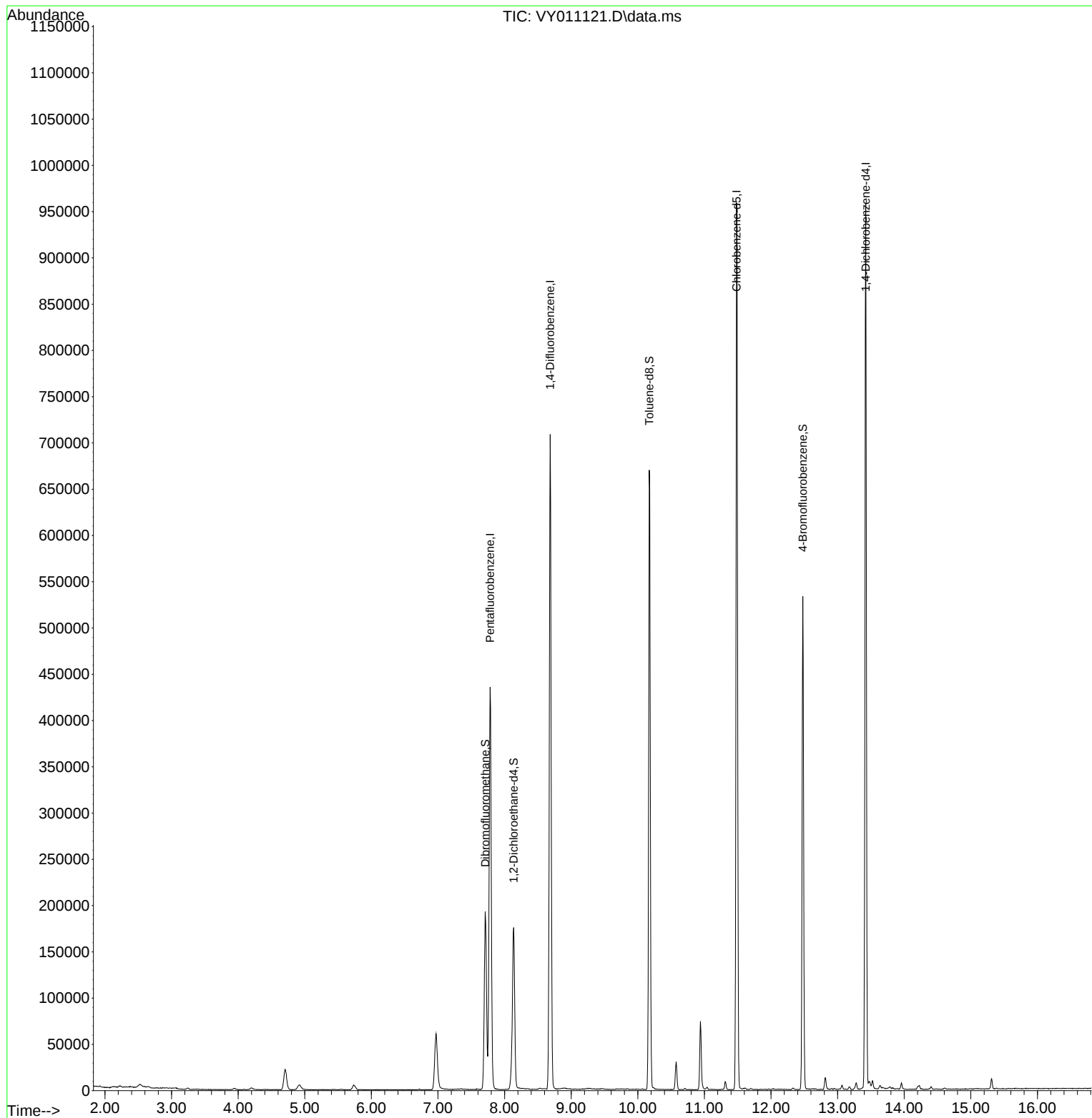
Target Compounds	Qvalue

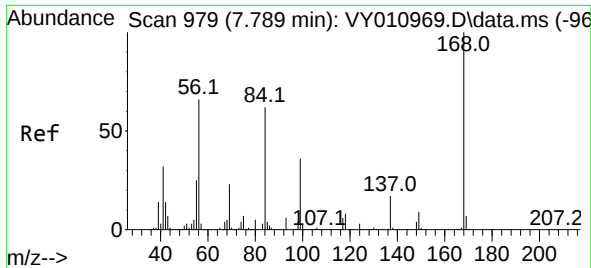
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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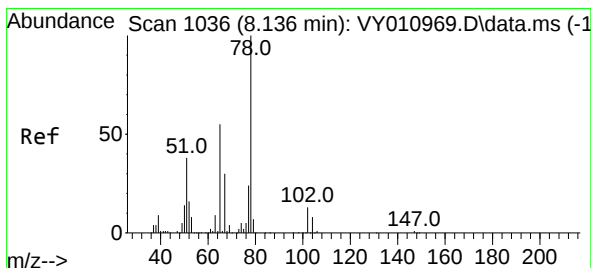
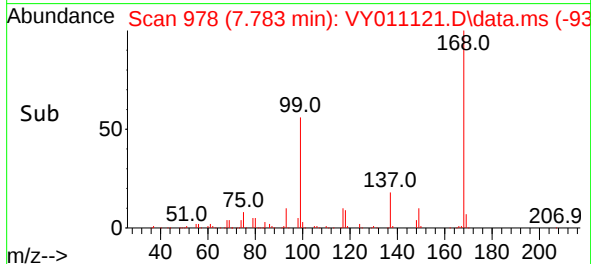
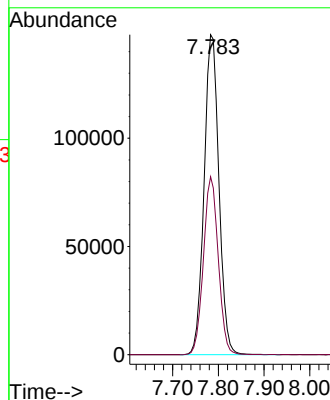
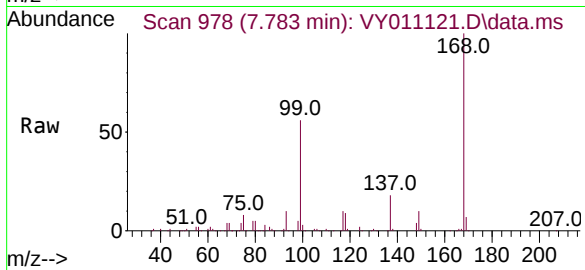




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY011121.D
Acq: 26 Oct 2022 17:05

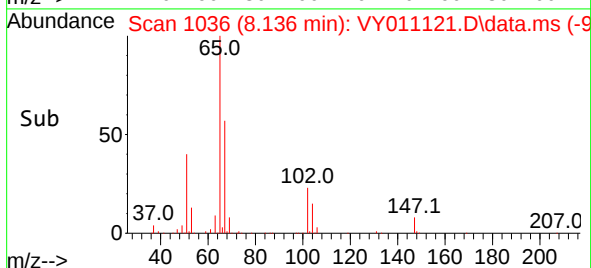
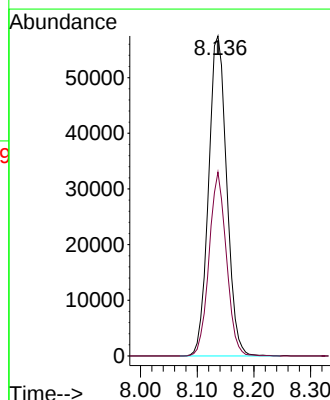
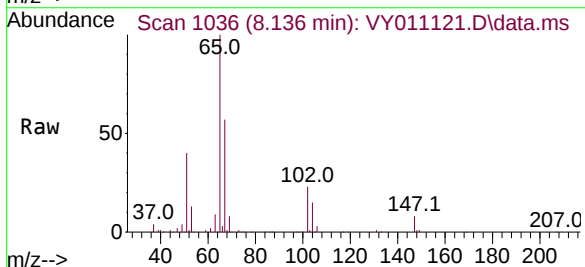
Instrument :
MSVOA_Y
ClientSampleId :
SB-10

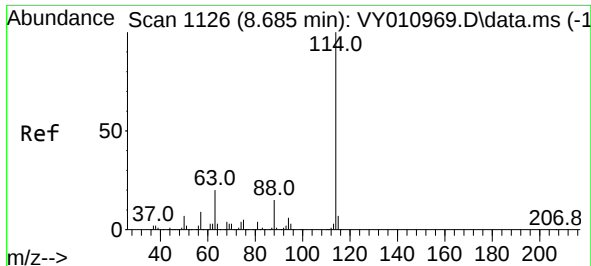
Tgt Ion:168 Resp: 332985
Ion Ratio Lower Upper
168 100
99 55.6 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 41.665 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY011121.D
Acq: 26 Oct 2022 17:05

Tgt Ion: 65 Resp: 127798
Ion Ratio Lower Upper
65 100
67 54.8 0.0 99.4

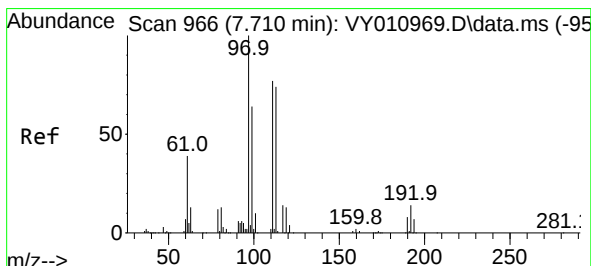
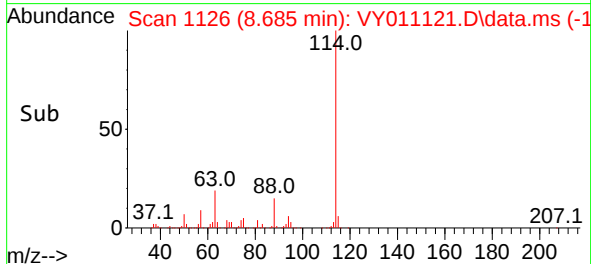
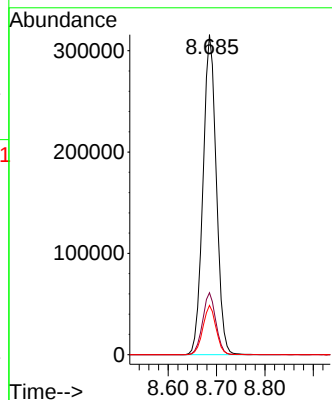
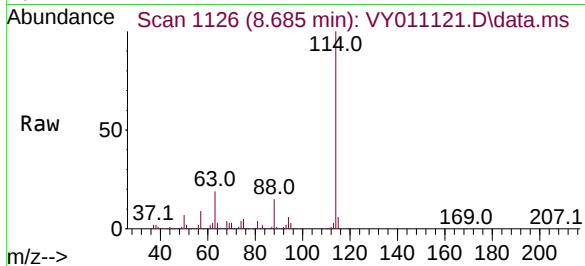




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY011121.D
Acq: 26 Oct 2022 17:05

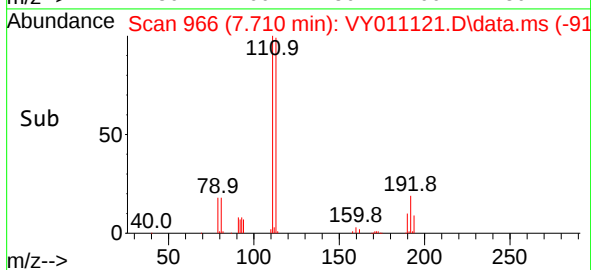
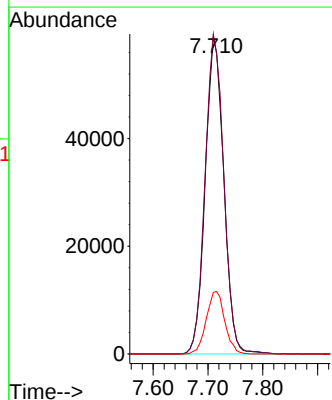
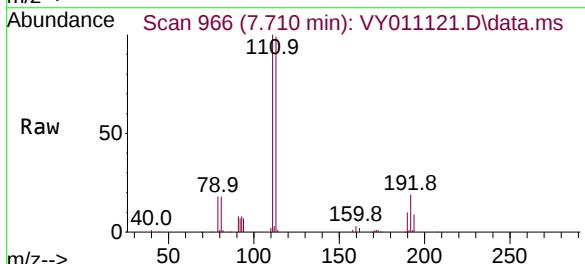
Instrument :
MSVOA_Y
ClientSampleId :
SB-10

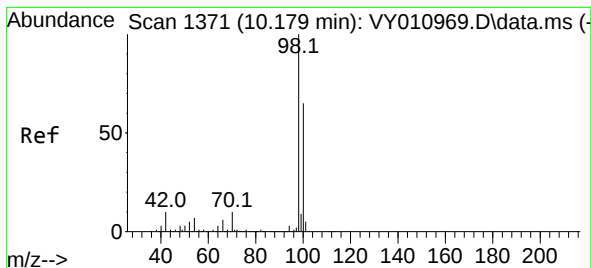
Tgt Ion:114 Resp: 603834
Ion Ratio Lower Upper
114 100
63 19.4 0.0 43.2
88 15.4 0.0 31.8



#35
Dibromofluoromethane
Concen: 40.553 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.000 min
Lab File: VY011121.D
Acq: 26 Oct 2022 17:05

Tgt Ion:113 Resp: 137869
Ion Ratio Lower Upper
113 100
111 102.1 82.6 124.0
192 19.6 17.6 26.4





#50

Toluene-d8

Concen: 35.219 ug/l

RT: 10.173 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY011121.D

Acq: 26 Oct 2022 17:05

Instrument :

MSVOA_Y

ClientSampleId :

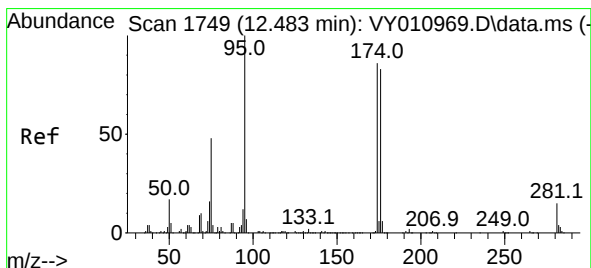
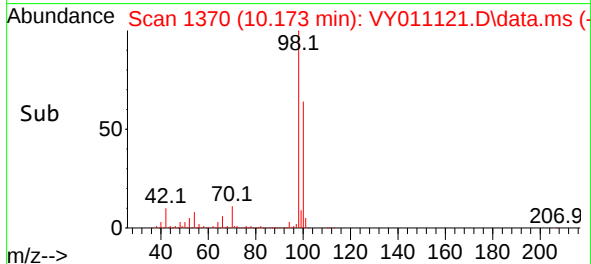
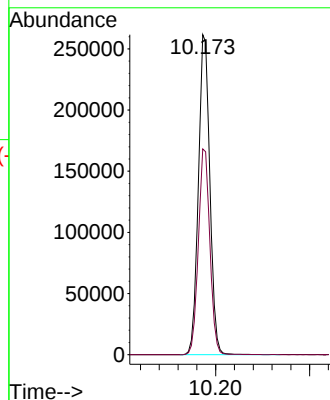
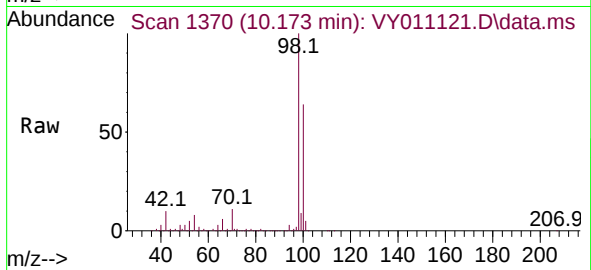
SB-10

Tgt Ion: 98 Resp: 444049

Ion Ratio Lower Upper

98 100

100 64.5 50.2 75.2



#62

4-Bromofluorobenzene

Concen: 34.909 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.006 min

Lab File: VY011121.D

Acq: 26 Oct 2022 17:05

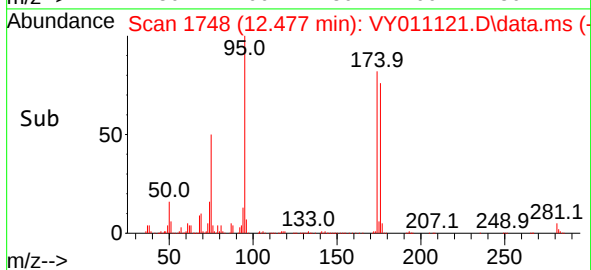
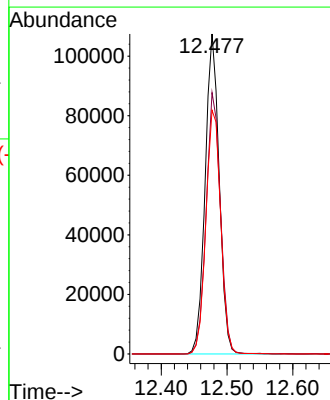
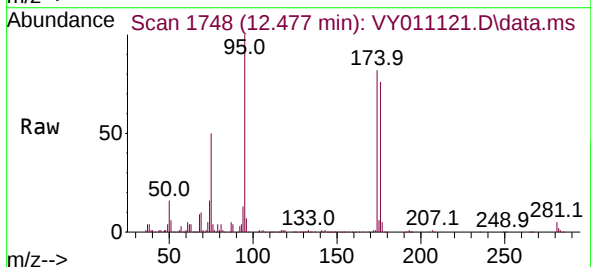
Tgt Ion: 95 Resp: 160050

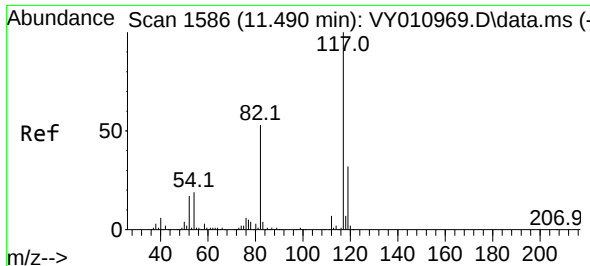
Ion Ratio Lower Upper

95 100

174 83.3 0.0 177.0

176 80.2 0.0 175.8

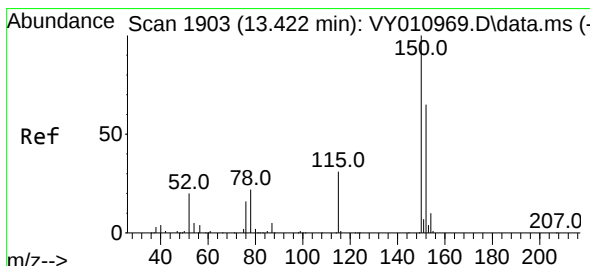
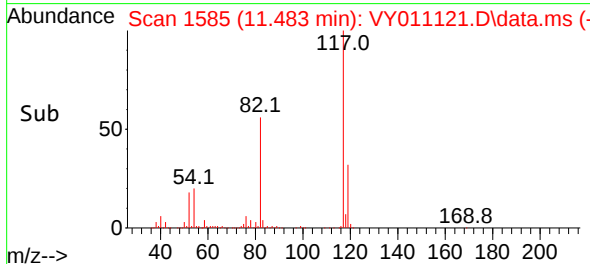
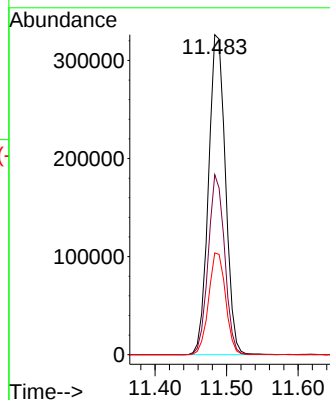
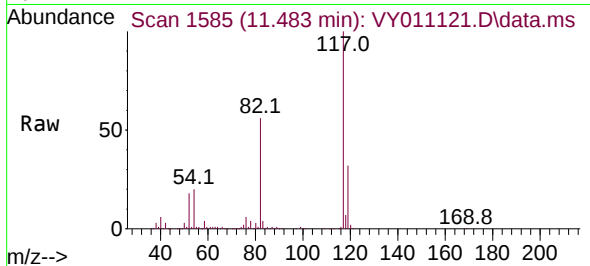




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 11
Delta R.T. -0.007 min
Lab File: VY011121.D
Acq: 26 Oct 2022 17:05

Instrument :
MSVOA_Y
ClientSampleId :
SB-10

Tgt Ion:117 Resp: 537097
Ion Ratio Lower Upper
117 100
82 56.3 43.0 64.4
119 31.8 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: VY011121.D
Acq: 26 Oct 2022 17:05

Tgt Ion:152 Resp: 245258
Ion Ratio Lower Upper
152 100
115 58.6 28.2 84.7
150 156.9 0.0 347.6

