

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080922\
 Data File : VY009927.D
 Acq On : 09 Aug 2022 18:10
 Operator : KP/MD
 Sample : N4101-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP1-8-8

Quant Time: Aug 09 23:08:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080822S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 08 17:55:50 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	61517	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	128309	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	138191	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	64795	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	26309	55.231	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.460%
35) Dibromofluoromethane	7.704	113	23969	34.413	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	68.820%
50) Toluene-d8	10.173	98	90177	41.613	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	83.220%
62) 4-Bromofluorobenzene	12.477	95	31643	32.536	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	65.080%

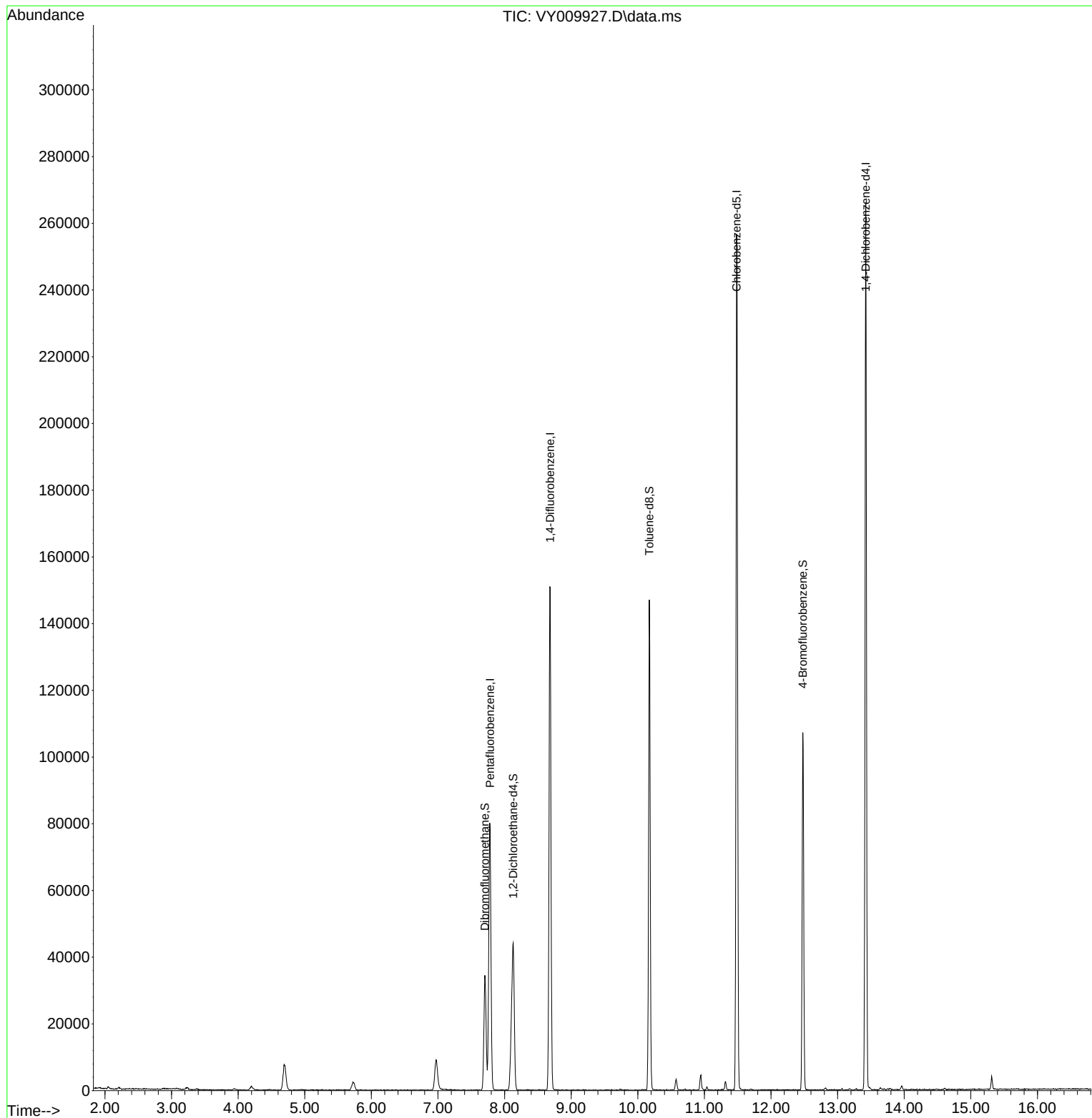
Target Compounds	Qvalue

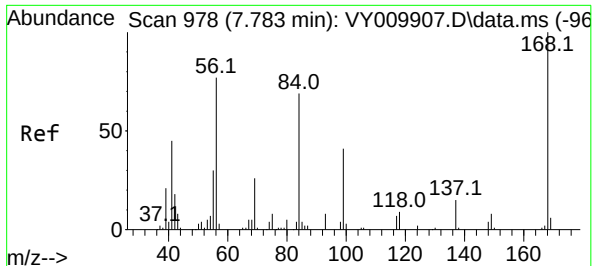
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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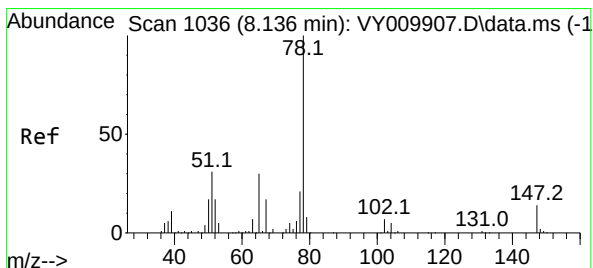
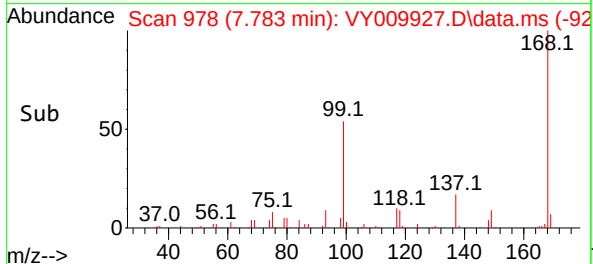
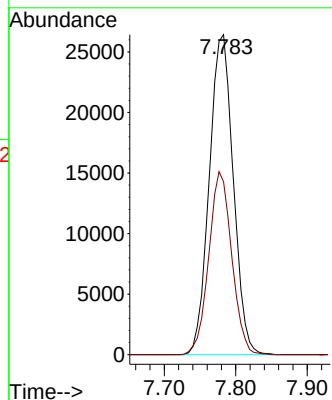
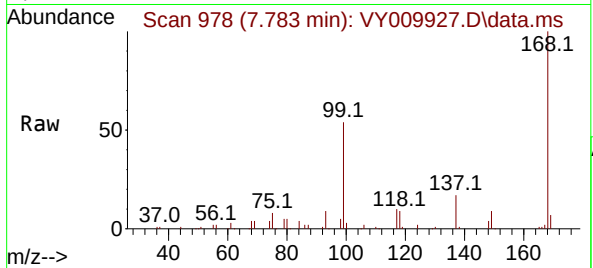




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.001 min
Lab File: VY009927.D
Acq: 09 Aug 2022 18:10

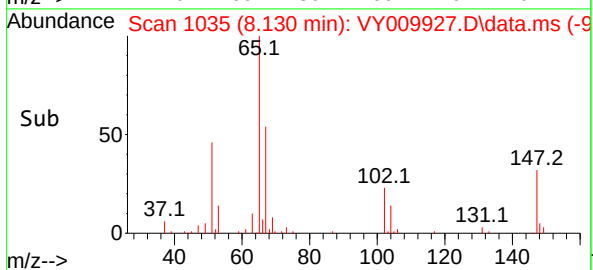
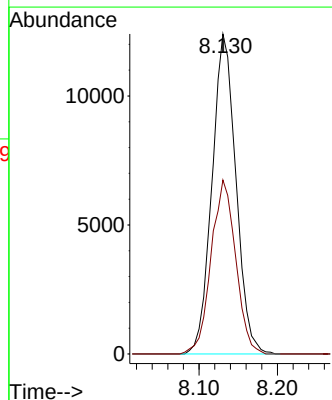
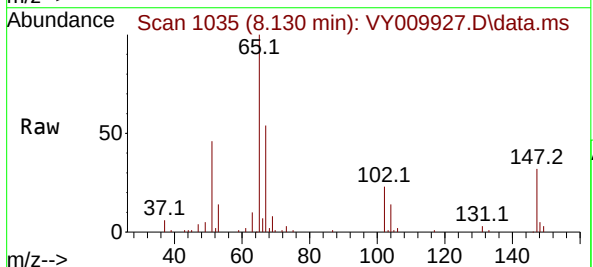
Instrument :
MSVOA_Y
ClientSampleId :
TP1-8-8

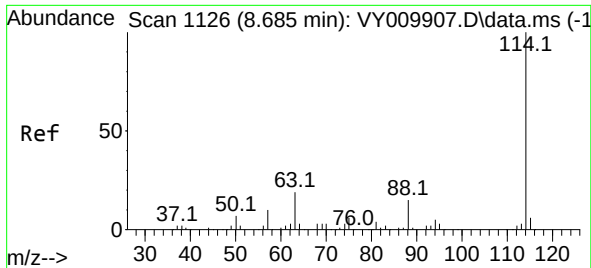
Tgt Ion:168 Resp: 61517
Ion Ratio Lower Upper
168 100
99 54.1 42.1 63.1



#33
1,2-Dichloroethane-d4
Concen: 55.231 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. 0.000 min
Lab File: VY009927.D
Acq: 09 Aug 2022 18:10

Tgt Ion: 65 Resp: 26309
Ion Ratio Lower Upper
65 100
67 55.8 0.0 108.4

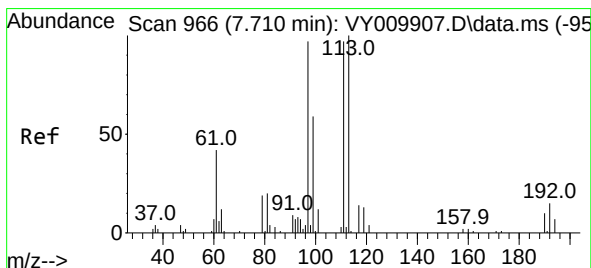
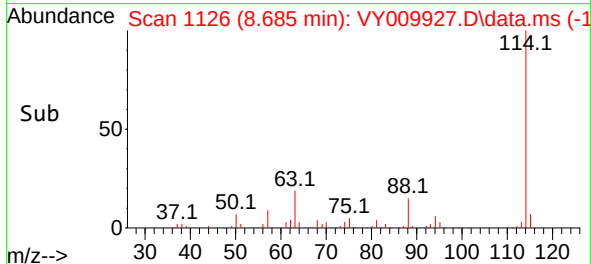
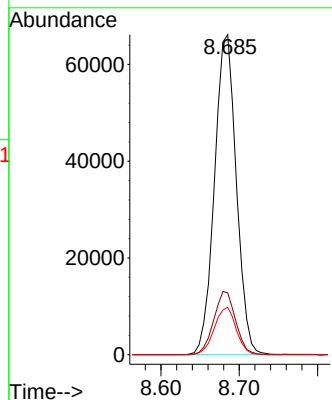
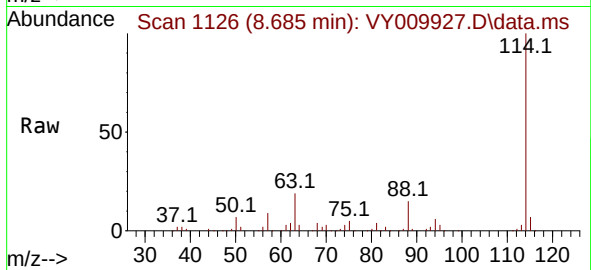




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY009927.D
Acq: 09 Aug 2022 18:10

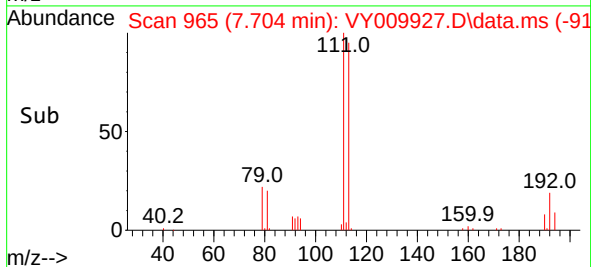
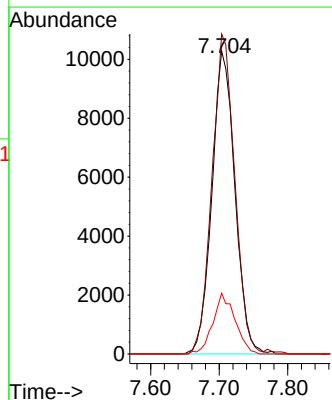
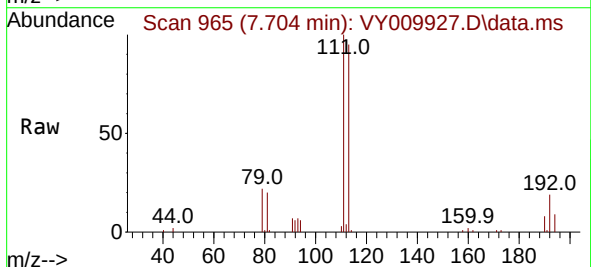
Instrument :
MSVOA_Y
ClientSampleId :
TP1-8-8

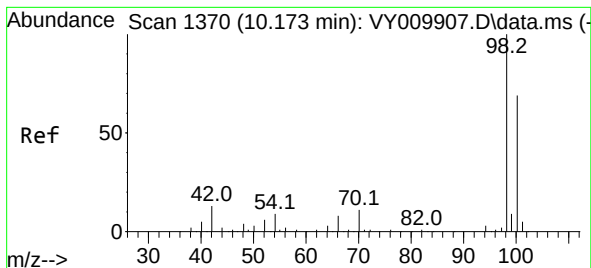
Tgt Ion:114 Resp: 128309
Ion Ratio Lower Upper
114 100
63 19.3 0.0 38.0
88 14.8 0.0 30.0



#35
Dibromofluoromethane
Concen: 34.413 ug/l
RT: 7.704 min Scan# 965
Delta R.T. -0.005 min
Lab File: VY009927.D
Acq: 09 Aug 2022 18:10

Tgt Ion:113 Resp: 23969
Ion Ratio Lower Upper
113 100
111 104.0 80.6 120.8
192 19.3 16.2 24.4





#50

Toluene-d8

Concen: 41.613 ug/l

RT: 10.173 min Scan# 11

Delta R.T. 0.001 min

Lab File: VY009927.D

Acq: 09 Aug 2022 18:10

Instrument :

MSVOA_Y

ClientSampleId :

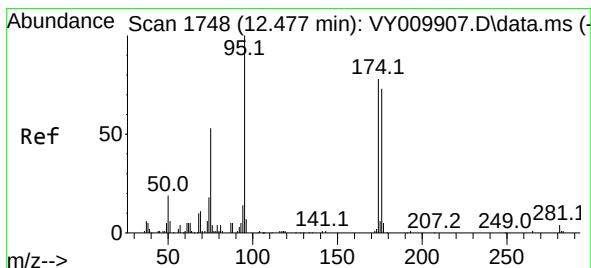
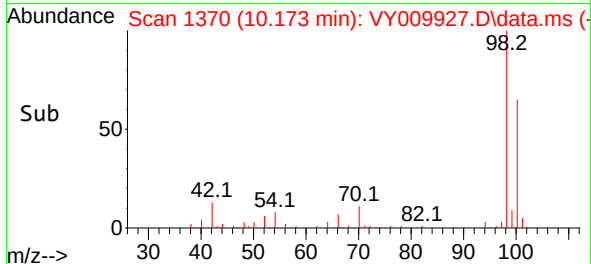
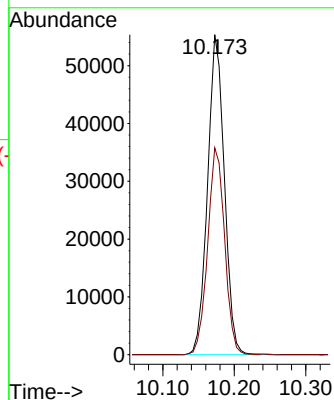
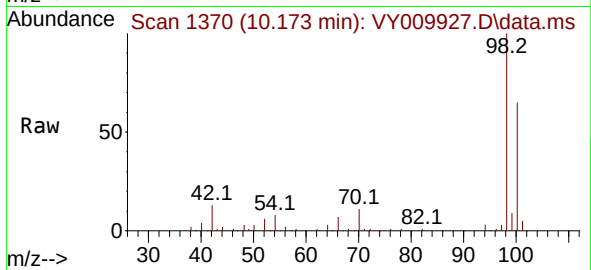
TP1-8-8

Tgt Ion: 98 Resp: 90177

Ion Ratio Lower Upper

98 100

100 65.3 52.9 79.3



#62

4-Bromofluorobenzene

Concen: 32.536 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. 0.000 min

Lab File: VY009927.D

Acq: 09 Aug 2022 18:10

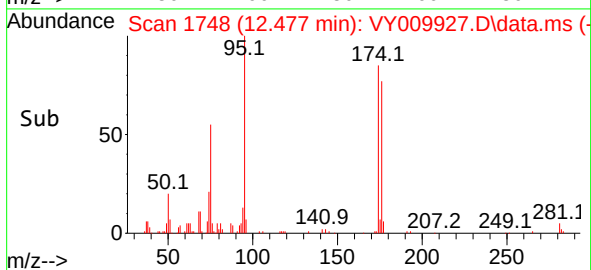
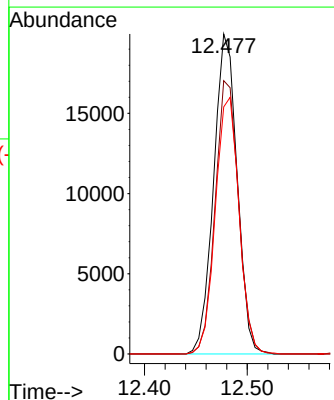
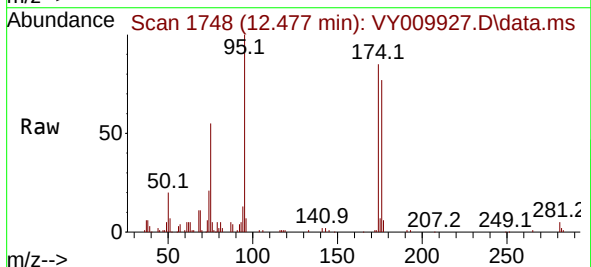
Tgt Ion: 95 Resp: 31643

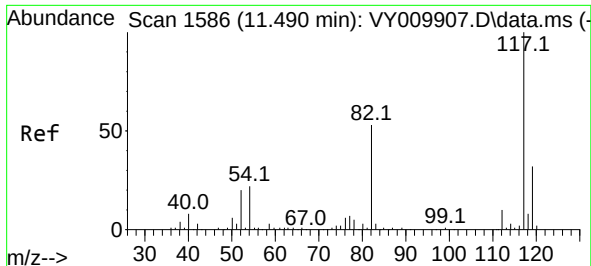
Ion Ratio Lower Upper

95 100

174 84.9 0.0 173.8

176 80.9 0.0 167.0

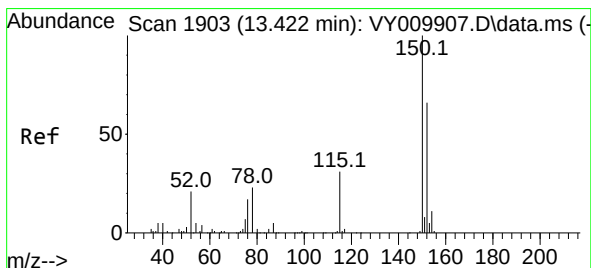
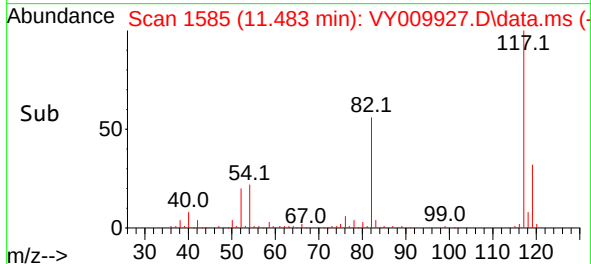
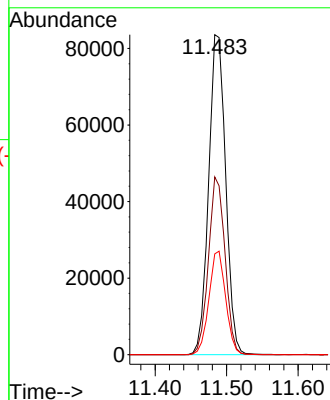
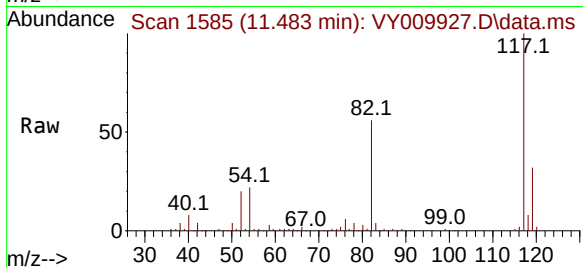




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY009927.D
Acq: 09 Aug 2022 18:10

Instrument :
MSVOA_Y
ClientSampleId :
TP1-8-8

Tgt Ion:117 Resp: 138191
Ion Ratio Lower Upper
117 100
82 55.6 41.8 62.6
119 31.5 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY009927.D
Acq: 09 Aug 2022 18:10

Tgt Ion:152 Resp: 64795
Ion Ratio Lower Upper
152 100
115 57.6 28.6 85.9
150 156.9 0.0 349.8

