

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080822\
 Data File : VY009900.D
 Acq On : 09 Aug 2022 03:09
 Operator : KP/MD
 Sample : N4016-07
 Misc : 4.73g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-ED

Quant Time: Aug 09 07:00:36 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	51163	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	97807	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	100248	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	45251	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	23741	60.478	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	120.960%
35) Dibromofluoromethane	7.710	113	21951	41.344	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	82.680%
50) Toluene-d8	10.179	98	82938	51.812	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.620%
62) 4-Bromofluorobenzene	12.477	95	25373	34.226	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	68.460%

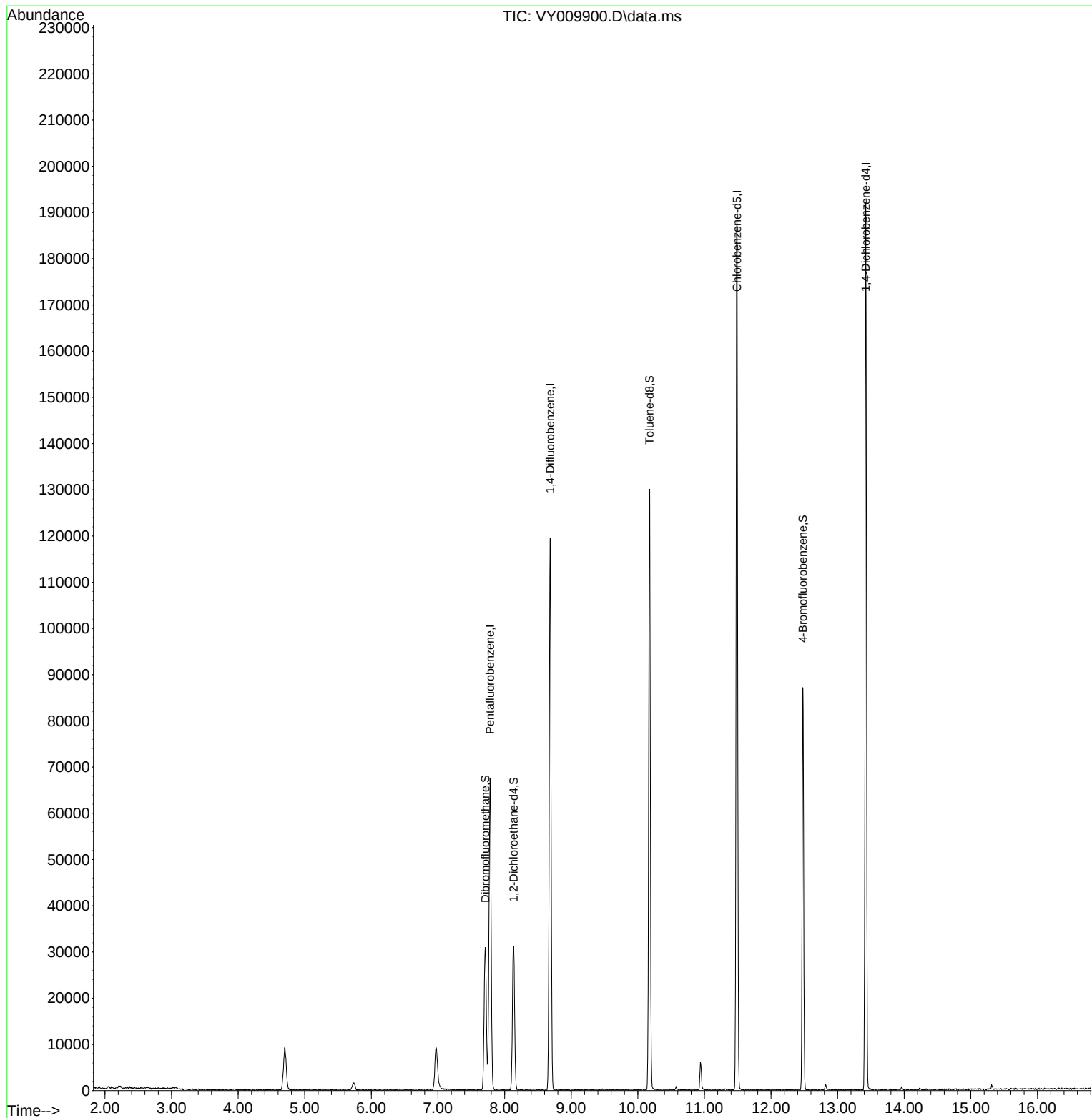
Target Compounds	Qvalue

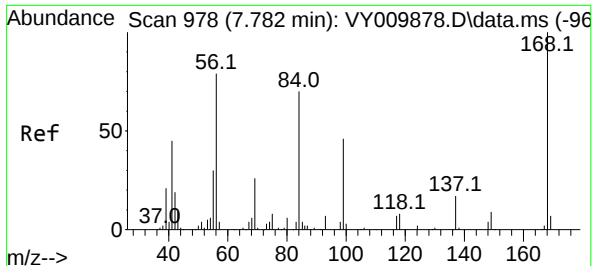
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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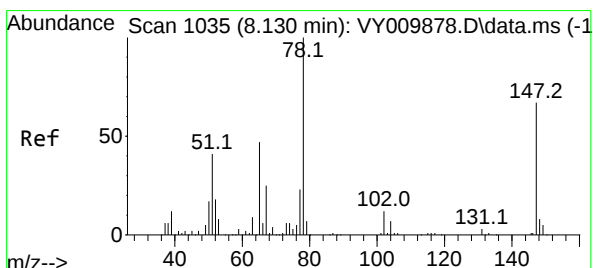
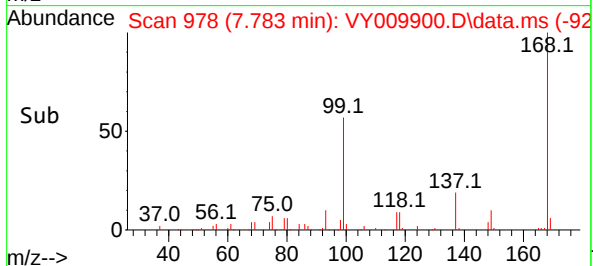
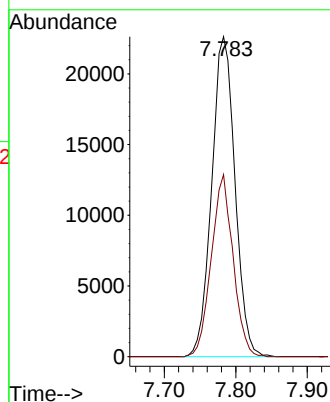
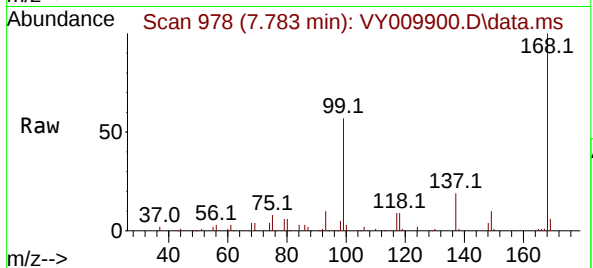




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.001 min
Lab File: VY009900.D
Acq: 09 Aug 2022 03:09

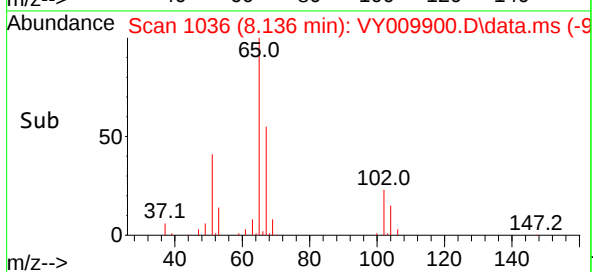
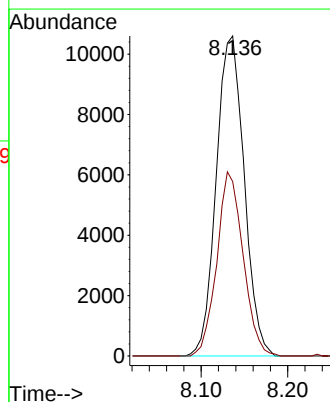
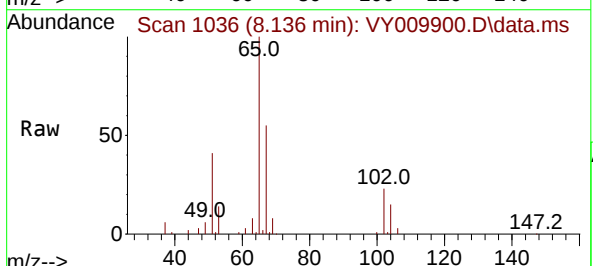
Instrument :
MSVOA_Y
ClientSampleId :
MH-ED

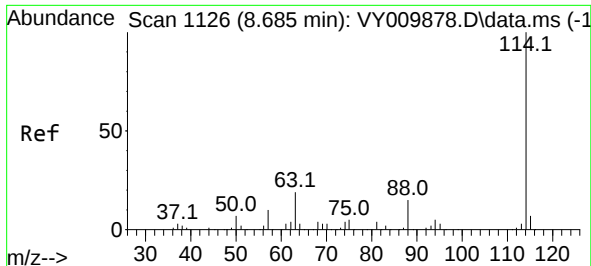
Tgt Ion:168 Resp: 51163
Ion Ratio Lower Upper
168 100
99 56.9 42.1 63.1



#33
1,2-Dichloroethane-d4
Concen: 60.478 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.006 min
Lab File: VY009900.D
Acq: 09 Aug 2022 03:09

Tgt Ion: 65 Resp: 23741
Ion Ratio Lower Upper
65 100
67 54.1 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: VY009900.D

Acq: 09 Aug 2022 03:09

Instrument :

MSVOA_Y

ClientSampleId :

MH-ED

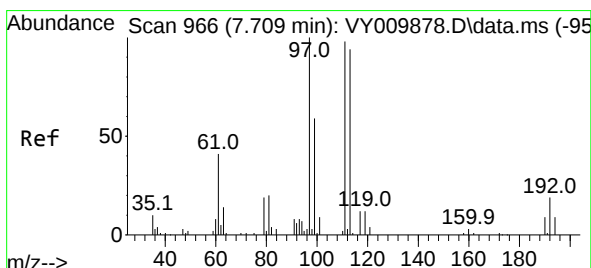
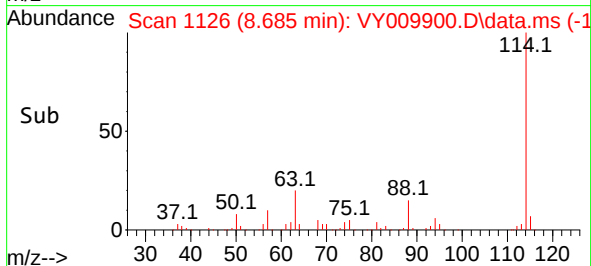
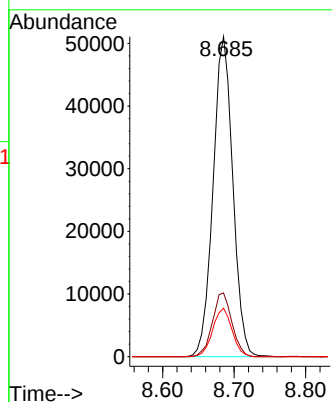
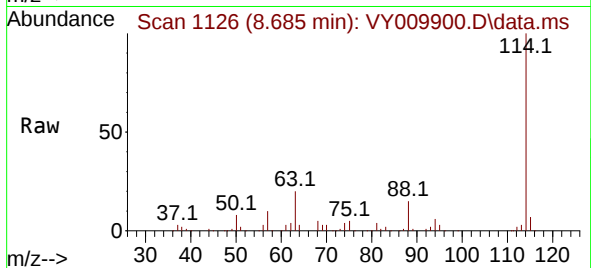
Tgt Ion:114 Resp: 97807

Ion Ratio Lower Upper

114 100

63 19.9 0.0 38.0

88 15.2 0.0 30.0



#35

Dibromofluoromethane

Concen: 41.344 ug/l

RT: 7.710 min Scan# 966

Delta R.T. 0.001 min

Lab File: VY009900.D

Acq: 09 Aug 2022 03:09

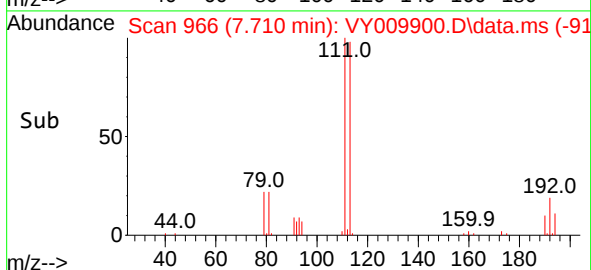
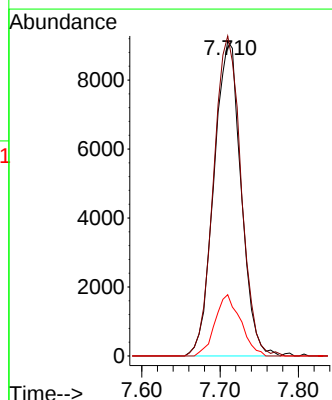
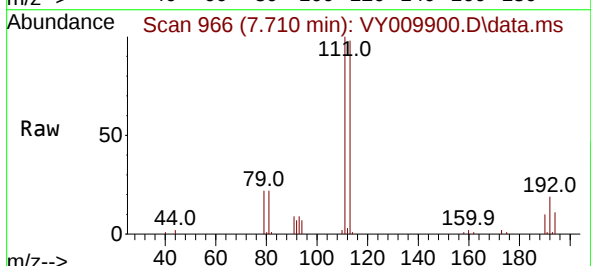
Tgt Ion:113 Resp: 21951

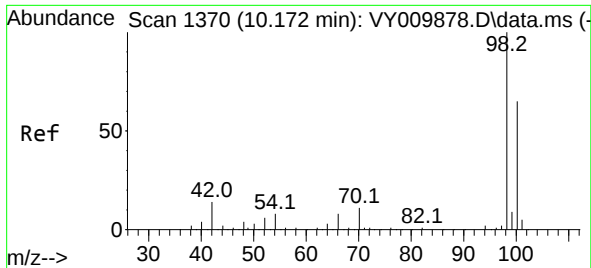
Ion Ratio Lower Upper

113 100

111 102.9 80.6 120.8

192 18.4 16.2 24.4

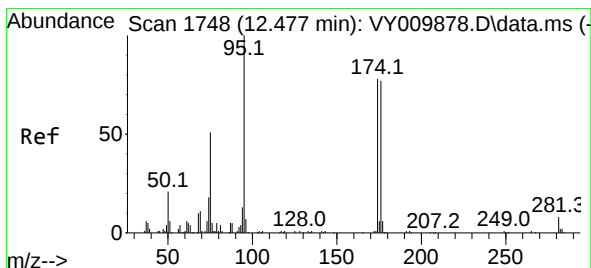
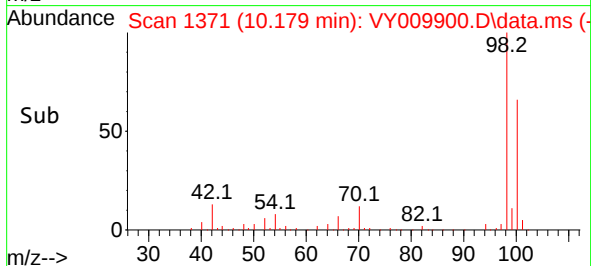
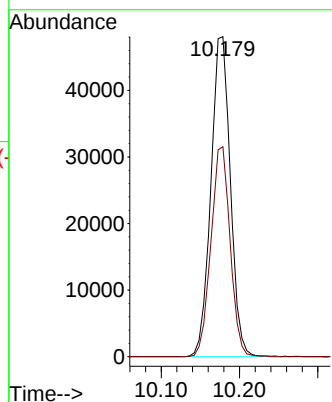
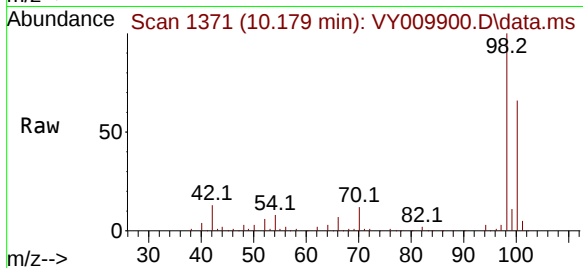




#50
Toluene-d8
Concen: 51.812 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.007 min
Lab File: VY009900.D
Acq: 09 Aug 2022 03:09

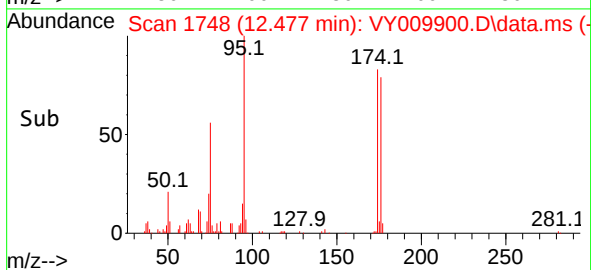
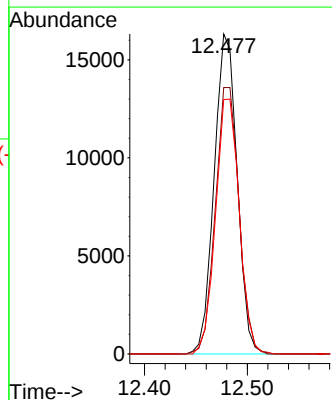
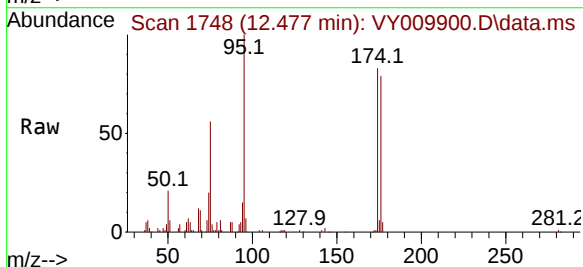
Instrument :
MSVOA_Y
ClientSampleId :
MH-ED

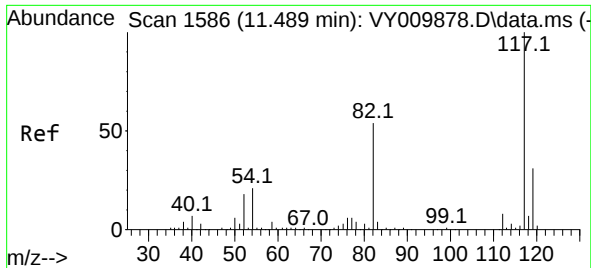
Tgt Ion: 98 Resp: 82938
Ion Ratio Lower Upper
98 100
100 64.7 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 34.226 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009900.D
Acq: 09 Aug 2022 03:09

Tgt Ion: 95 Resp: 25373
Ion Ratio Lower Upper
95 100
174 85.4 0.0 173.8
176 81.9 0.0 167.0

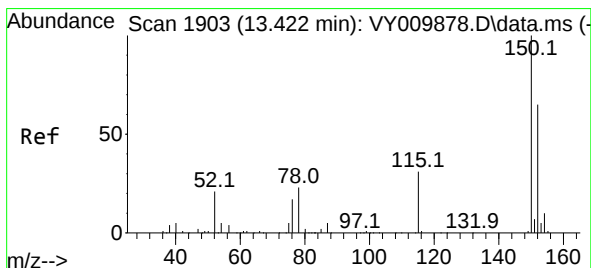
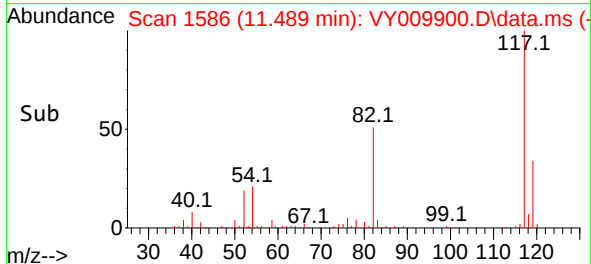
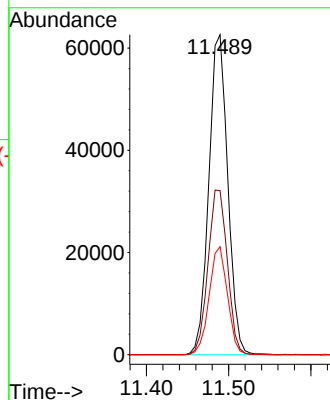
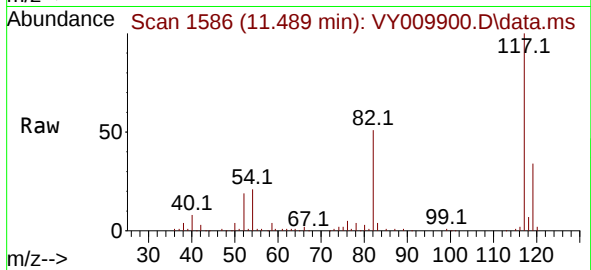




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009900.D
Acq: 09 Aug 2022 03:09

Instrument :
MSVOA_Y
ClientSampleId :
MH-ED

Tgt Ion:117 Resp: 100248
Ion Ratio Lower Upper
117 100
82 51.3 41.8 62.6
119 33.8 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: VY009900.D
Acq: 09 Aug 2022 03:09

Tgt Ion:152 Resp: 45251
Ion Ratio Lower Upper
152 100
115 57.8 28.6 85.9
150 160.8 0.0 349.8

