

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080922\
 Data File : VY009929.D
 Acq On : 09 Aug 2022 18:59
 Operator : KP/MD
 Sample : N4105-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EO-01-080822

Quant Time: Aug 09 23:09:23 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	58300	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	121175	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	126744	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	55561	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	24220	53.465	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	106.940%
35) Dibromofluoromethane	7.710	113	22613	34.377	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	68.760%
50) Toluene-d8	10.173	98	86192	42.209	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	84.420%
62) 4-Bromofluorobenzene	12.477	95	26690	29.059	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	58.120%

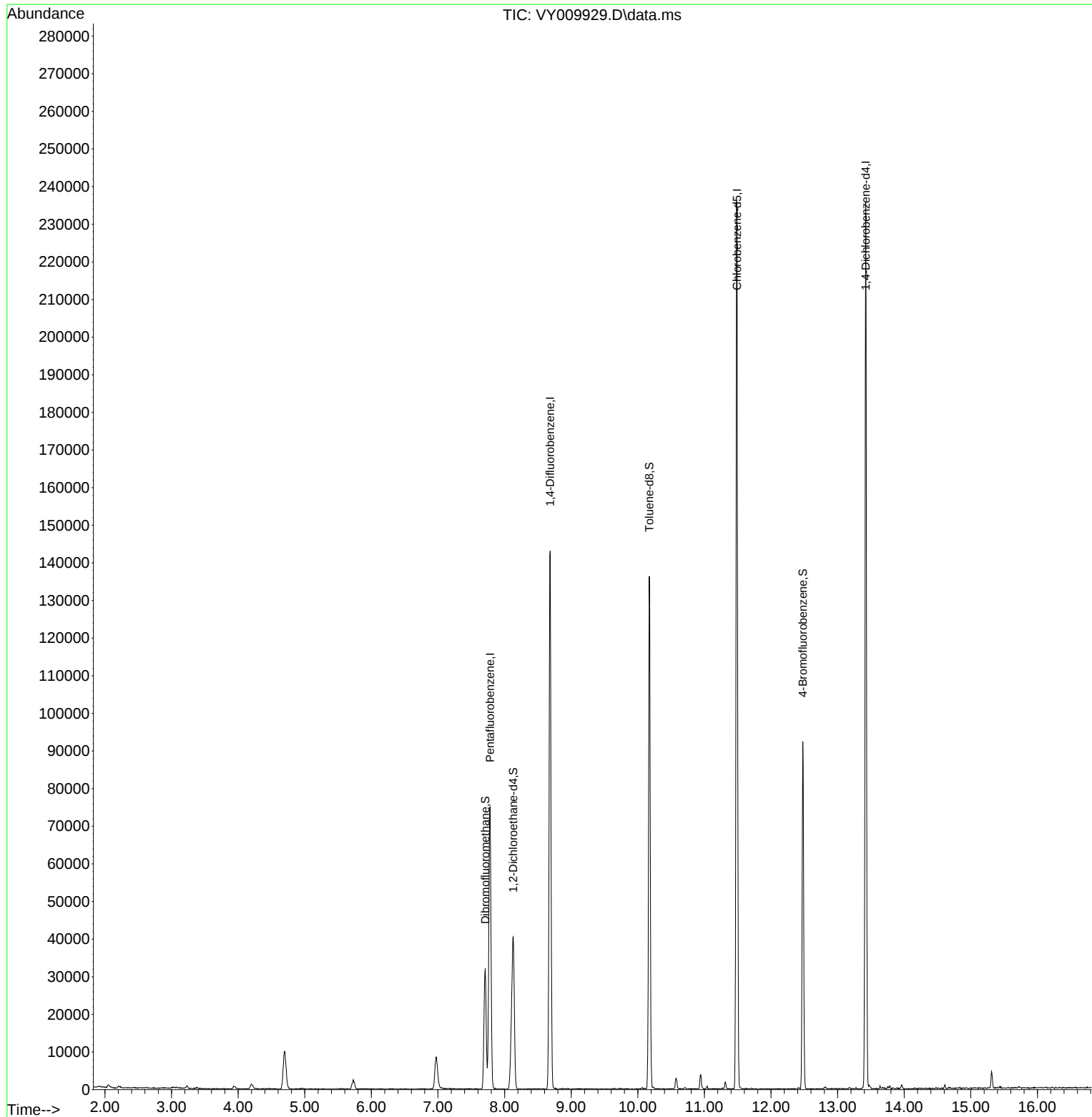
Target Compounds	Qvalue

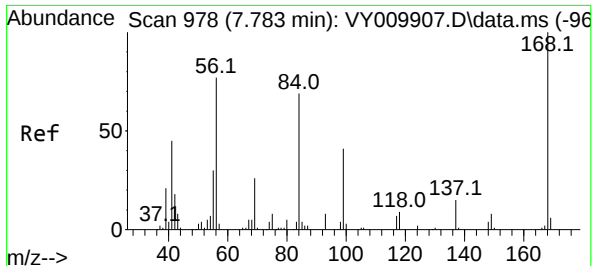
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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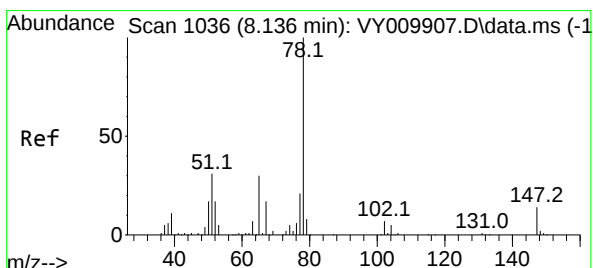
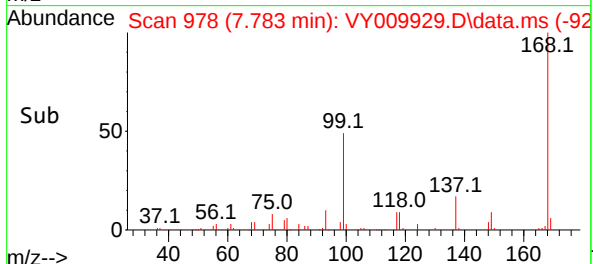
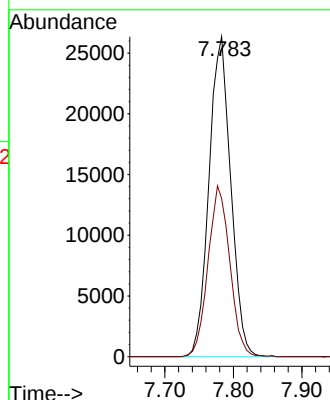
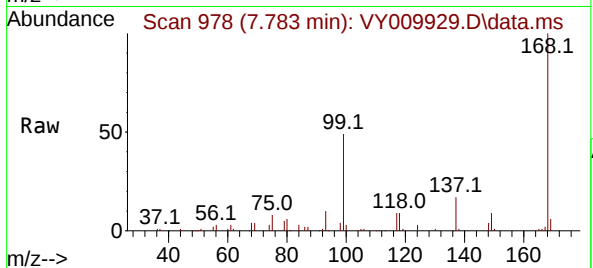




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.001 min
Lab File: VY009929.D
Acq: 09 Aug 2022 18:59

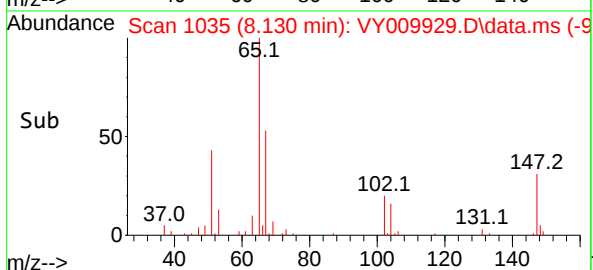
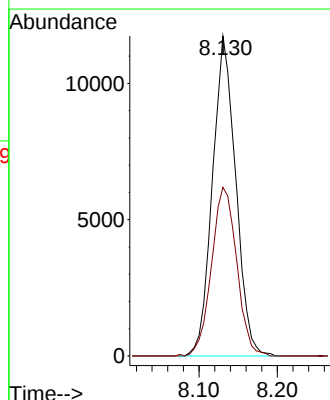
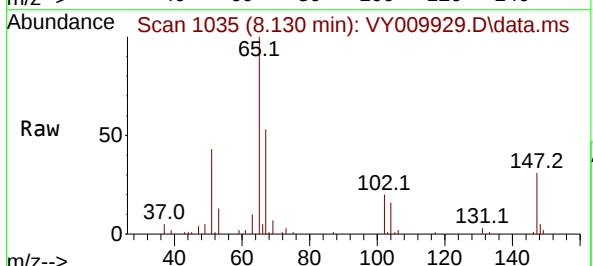
Instrument :
MSVOA_Y
ClientSampleId :
EO-01-080822

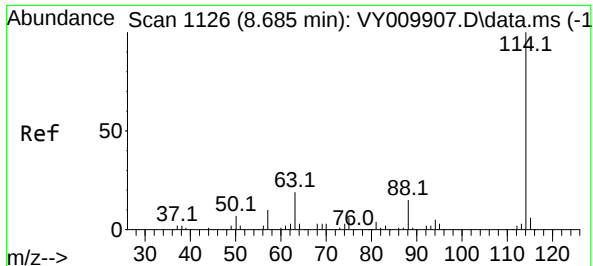
Tgt Ion:168 Resp: 58300
Ion Ratio Lower Upper
168 100
99 49.4 42.1 63.1



#33
1,2-Dichloroethane-d4
Concen: 53.465 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. 0.000 min
Lab File: VY009929.D
Acq: 09 Aug 2022 18:59

Tgt Ion: 65 Resp: 24220
Ion Ratio Lower Upper
65 100
67 57.1 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: VY009929.D

Acq: 09 Aug 2022 18:59

Instrument :

MSVOA_Y

ClientSampleId :

EO-01-080822

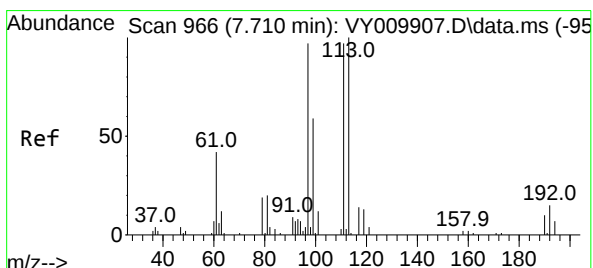
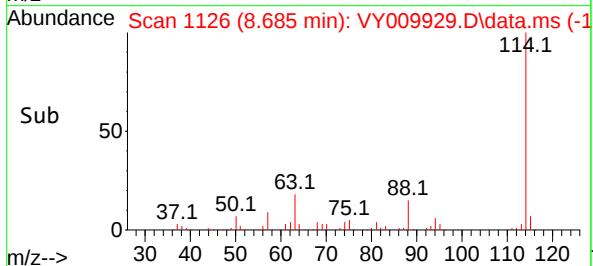
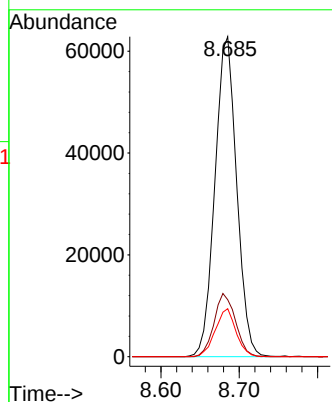
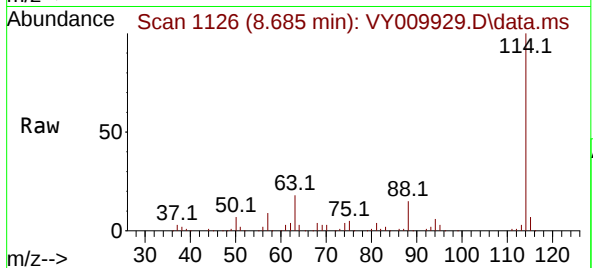
Tgt Ion:114 Resp: 121175

Ion Ratio Lower Upper

114 100

63 17.8 0.0 38.0

88 15.0 0.0 30.0



#35

Dibromofluoromethane

Concen: 34.377 ug/l

RT: 7.710 min Scan# 966

Delta R.T. 0.001 min

Lab File: VY009929.D

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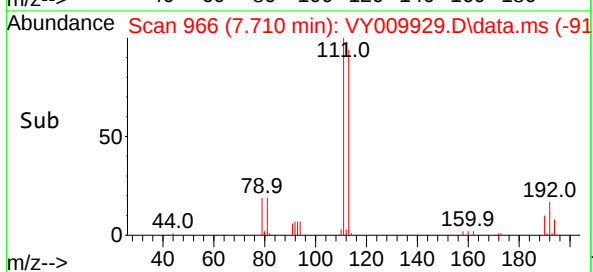
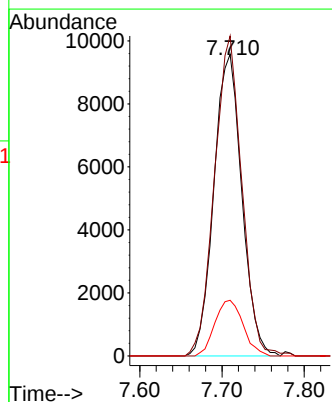
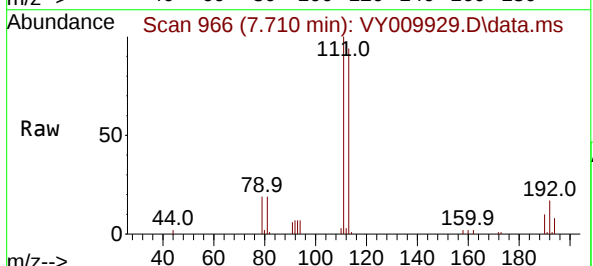
Tgt Ion:113 Resp: 22613

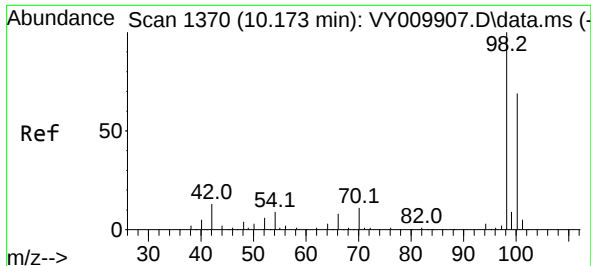
Ion Ratio Lower Upper

113 100

111 103.9 80.6 120.8

192 18.7 16.2 24.4

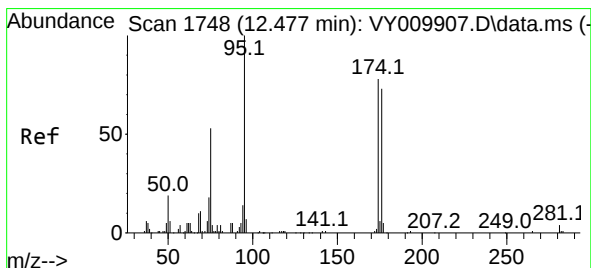
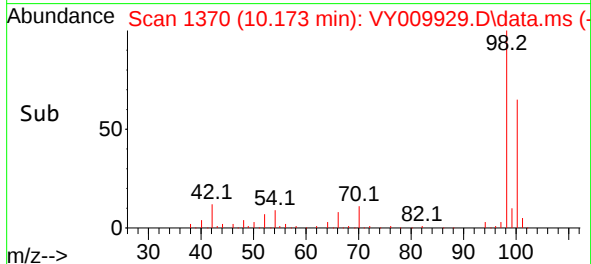
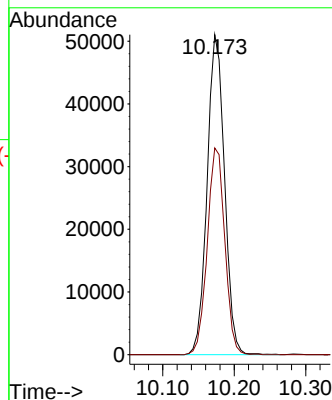
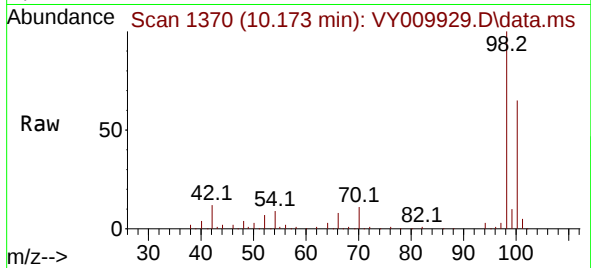




#50
Toluene-d8
Concen: 42.209 ug/l
RT: 10.173 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY009929.D
Acq: 09 Aug 2022 18:59

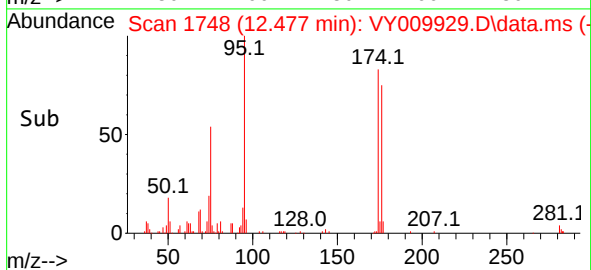
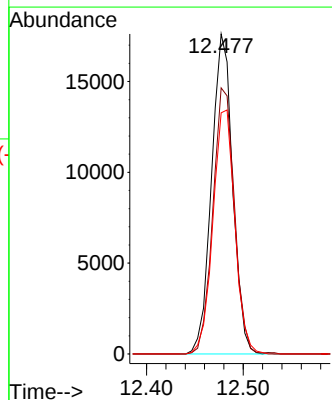
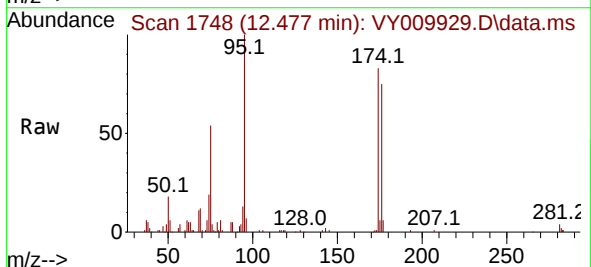
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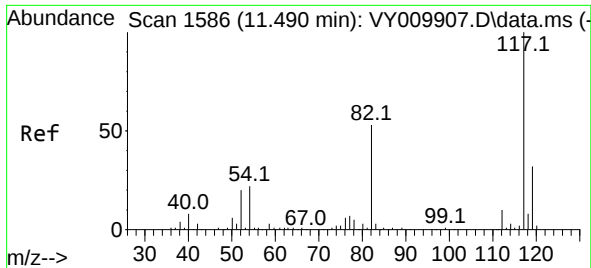
Tgt Ion: 98 Resp: 86192
Ion Ratio Lower Upper
98 100
100 65.2 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 29.059 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009929.D
Acq: 09 Aug 2022 18:59

Tgt Ion: 95 Resp: 26690
Ion Ratio Lower Upper
95 100
174 84.8 0.0 173.8
176 79.2 0.0 167.0

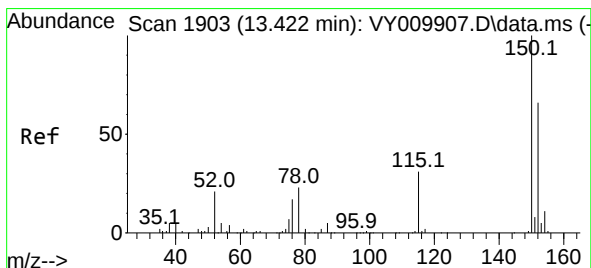
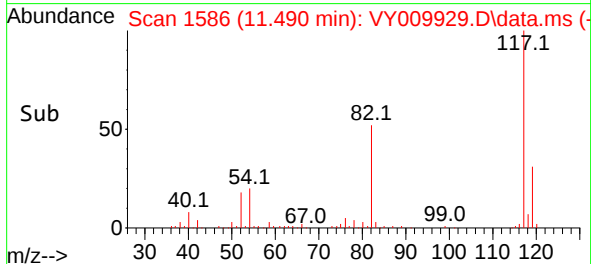
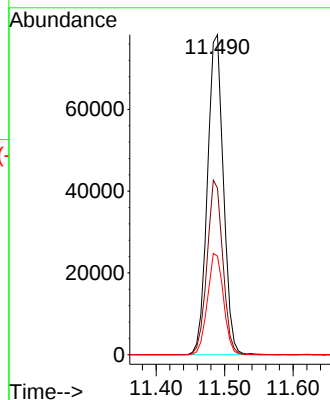
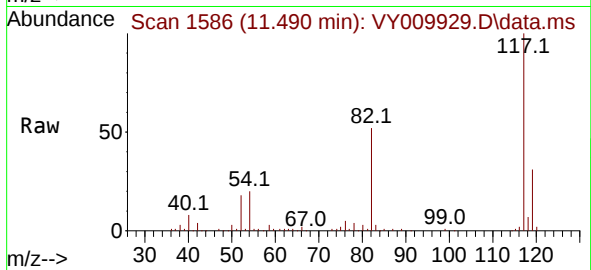




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.001 min
Lab File: VY009929.D
Acq: 09 Aug 2022 18:59

Instrument :
MSVOA_Y
ClientSampleId :
EO-01-080822

Tgt Ion:117 Resp: 126744
Ion Ratio Lower Upper
117 100
82 52.1 41.8 62.6
119 30.8 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: VY009929.D
Acq: 09 Aug 2022 18:59

Tgt Ion:152 Resp: 55561
Ion Ratio Lower Upper
152 100
115 60.0 28.6 85.9
150 160.7 0.0 349.8

