

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY103023\
 Data File : VY016128.D
 Acq On : 30 Oct 2023 13:03
 Operator : SY/MD
 Sample : 05078-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EO-03-102323

Quant Time: Oct 31 01:29:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102623S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 27 04:12:29 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	150385	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	252143	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	232556	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	110073	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	90129	60.272	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	120.540%
35) Dibromofluoromethane	7.715	113	80866	50.803	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.600%
50) Toluene-d8	10.178	98	292766	49.654	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.300%
62) 4-Bromofluorobenzene	12.483	95	101016	49.945	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	99.900%

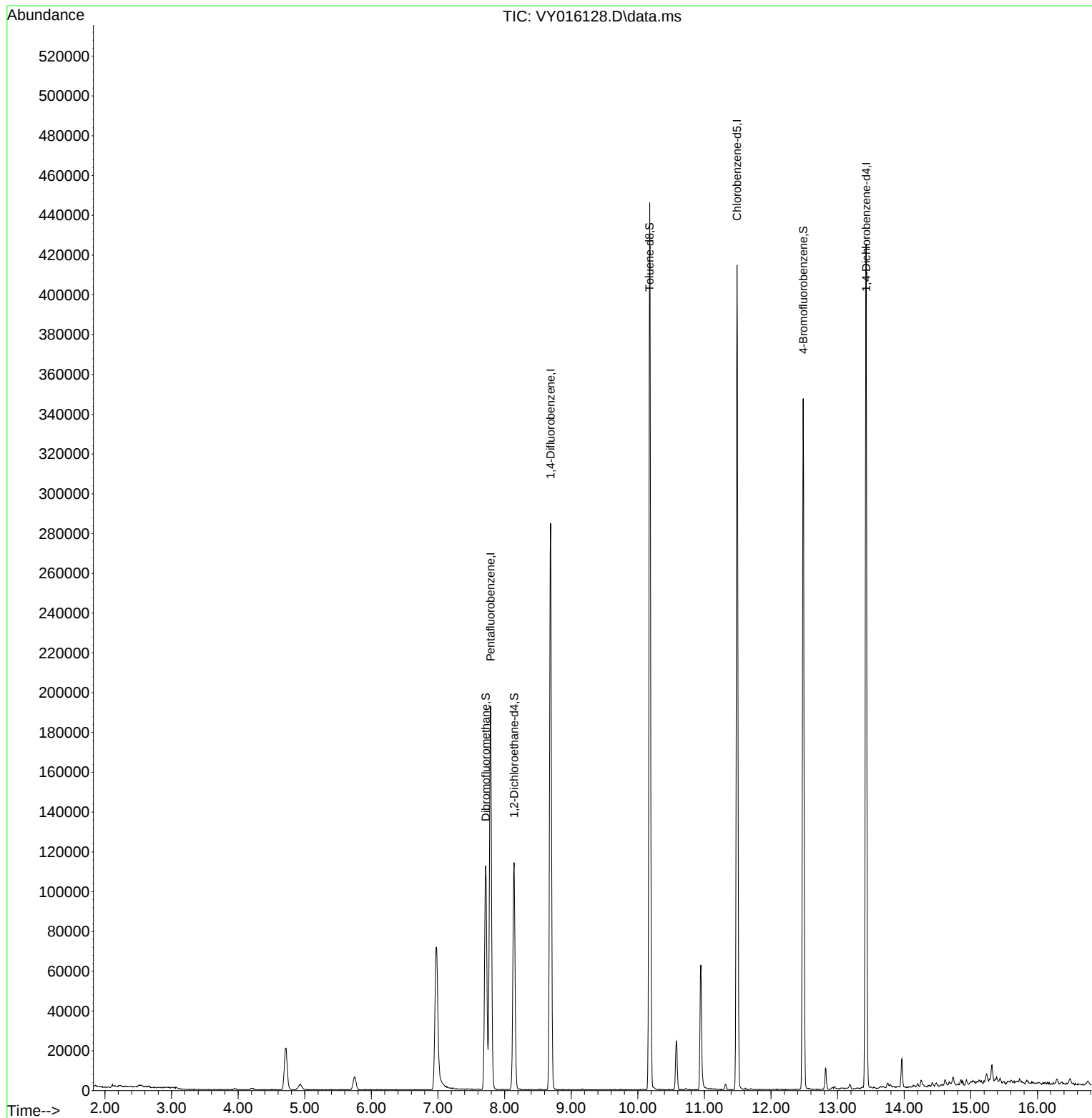
Target Compounds	Qvalue

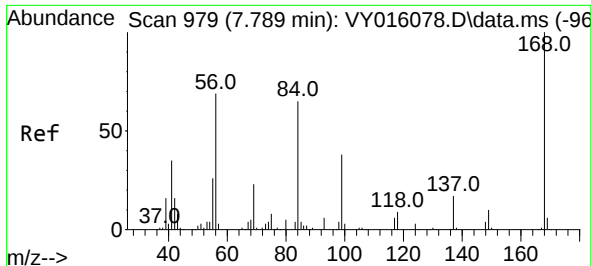
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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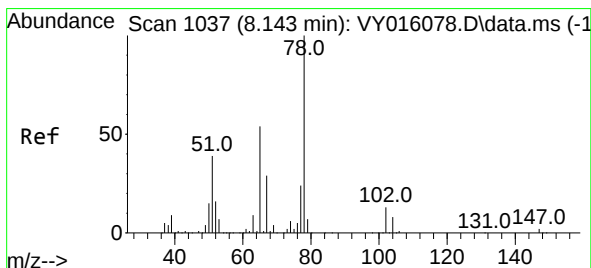
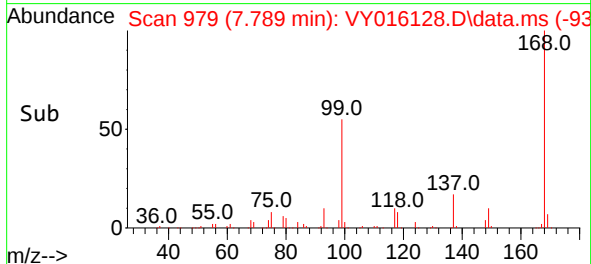
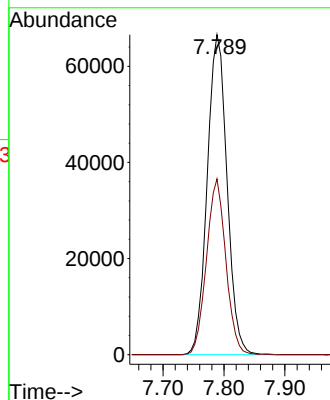
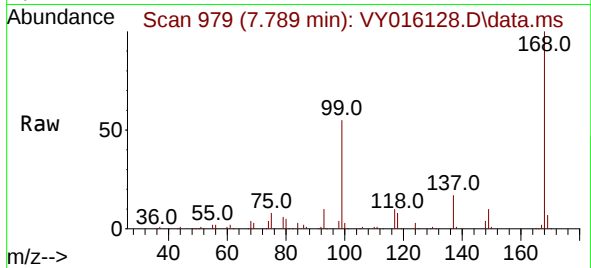




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY016128.D
Acq: 30 Oct 2023 13:03

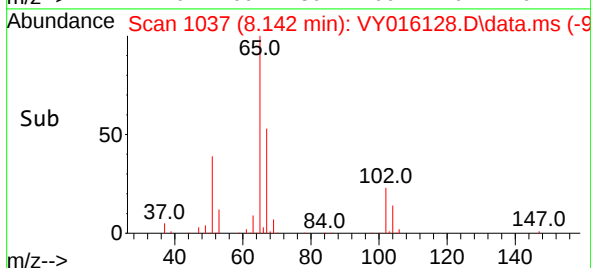
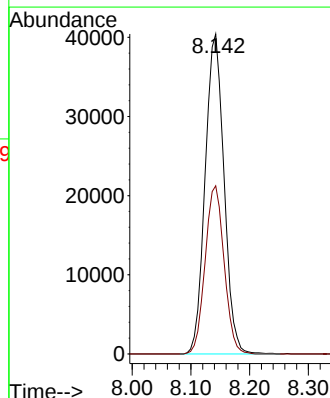
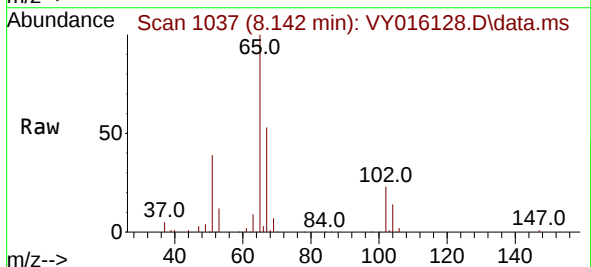
Instrument :
MSVOA_Y
ClientSampleId :
EO-03-102323

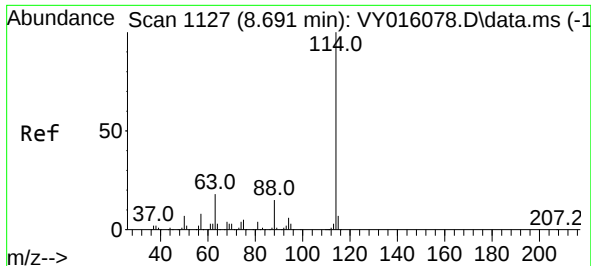
Tgt Ion:168 Resp: 150385
Ion Ratio Lower Upper
168 100
99 55.0 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 60.272 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY016128.D
Acq: 30 Oct 2023 13:03

Tgt Ion: 65 Resp: 90129
Ion Ratio Lower Upper
65 100
67 52.8 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY016128.D

Acq: 30 Oct 2023 13:03

Instrument :

MSVOA_Y

ClientSampleId :

EO-03-102323

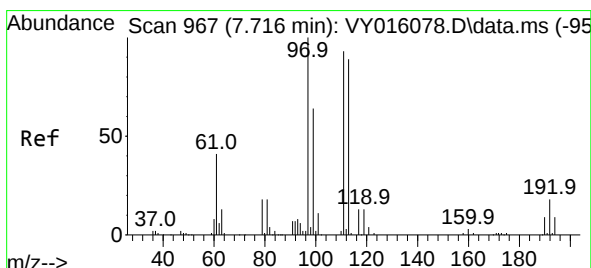
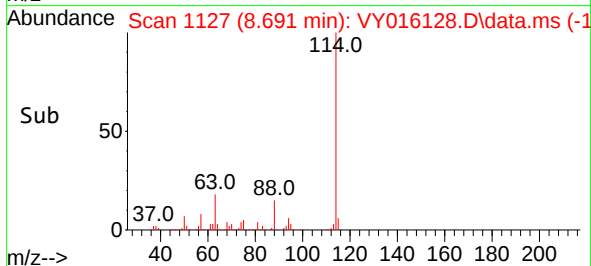
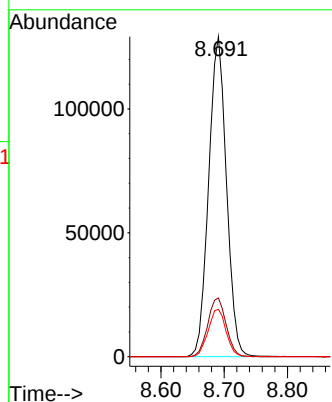
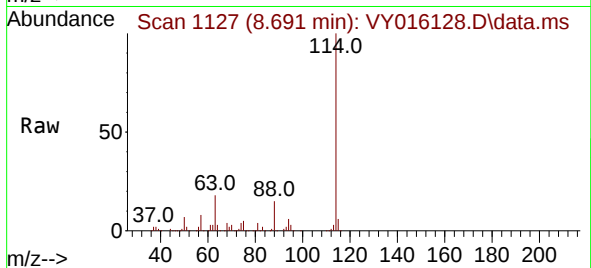
Tgt Ion:114 Resp: 252143

Ion Ratio Lower Upper

114 100

63 18.4 0.0 42.4

88 14.8 0.0 30.6



#35

Dibromofluoromethane

Concen: 50.803 ug/l

RT: 7.715 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY016128.D

Acq: 30 Oct 2023 13:03

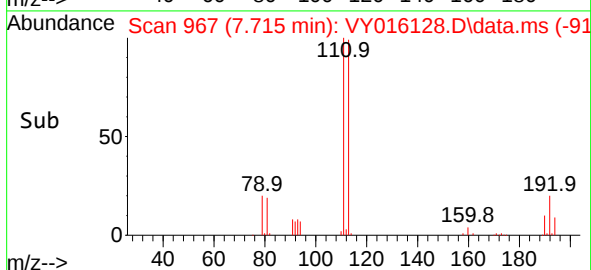
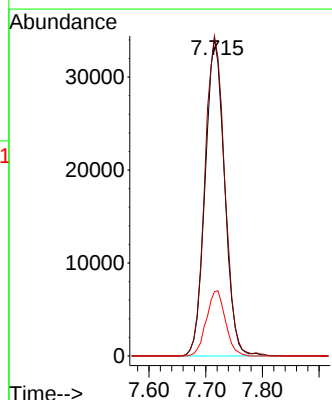
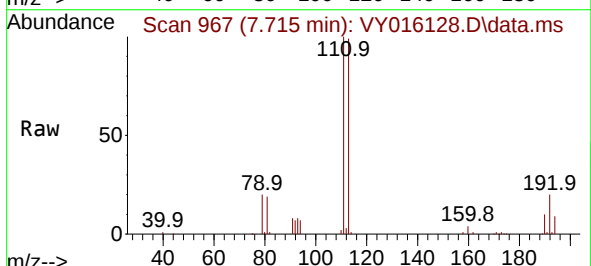
Tgt Ion:113 Resp: 80866

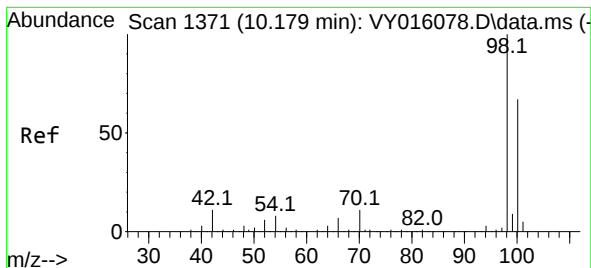
Ion Ratio Lower Upper

113 100

111 103.5 81.3 121.9

192 20.3 16.9 25.3





#50

Toluene-d8

Concen: 49.654 ug/l

RT: 10.178 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY016128.D

Acq: 30 Oct 2023 13:03

Instrument :

MSVOA_Y

ClientSampleId :

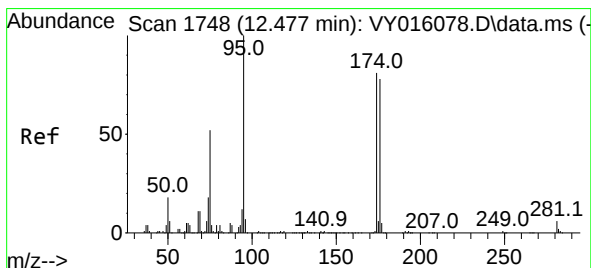
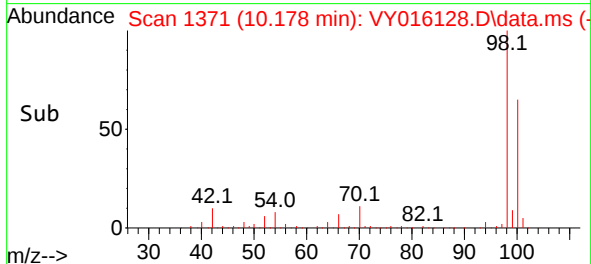
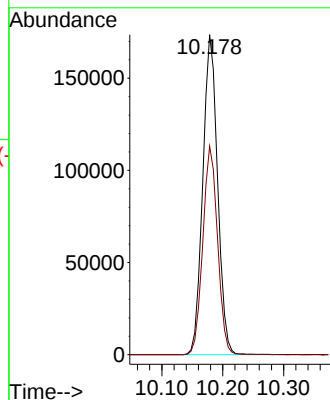
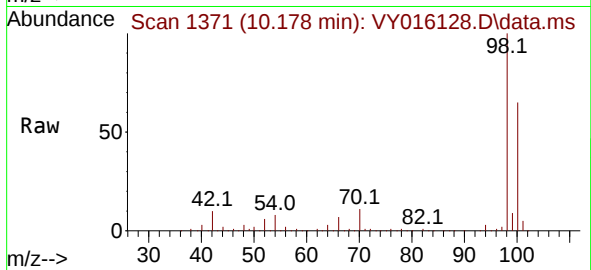
EO-03-102323

Tgt Ion: 98 Resp: 292766

Ion Ratio Lower Upper

98 100

100 64.9 50.1 75.1



#62

4-Bromofluorobenzene

Concen: 49.945 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.006 min

Lab File: VY016128.D

Acq: 30 Oct 2023 13:03

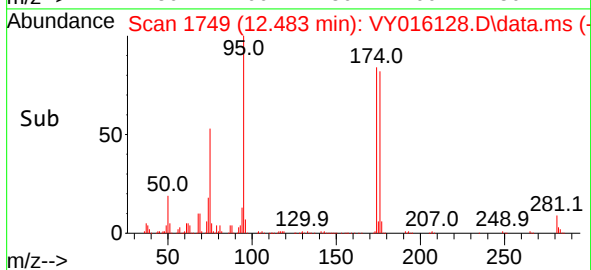
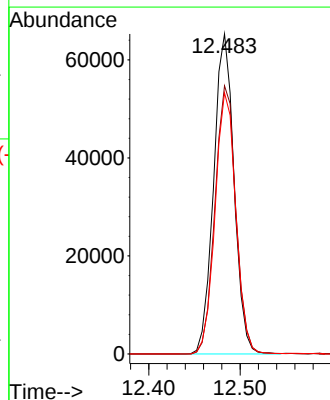
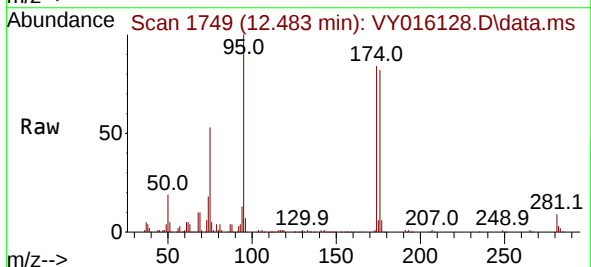
Tgt Ion: 95 Resp: 101016

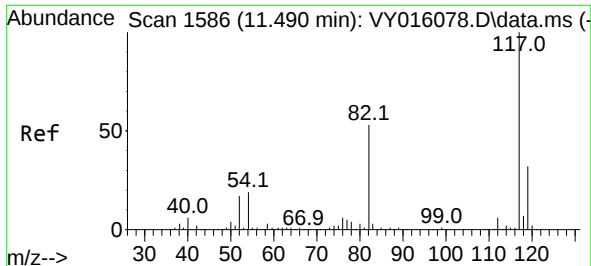
Ion Ratio Lower Upper

95 100

174 86.2 0.0 178.2

176 83.2 0.0 173.8

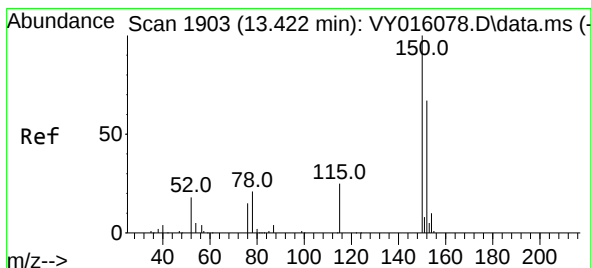
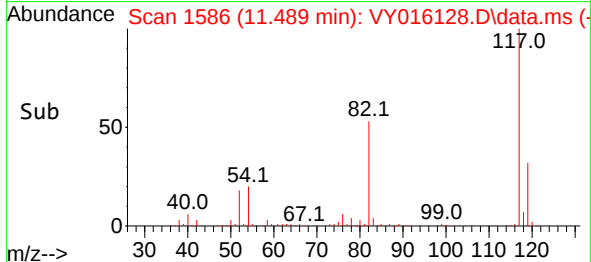
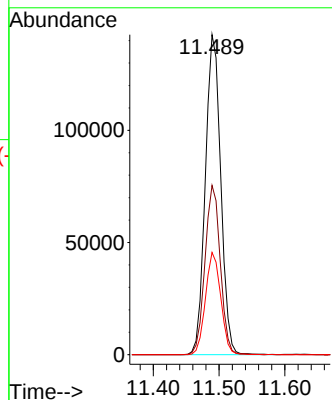
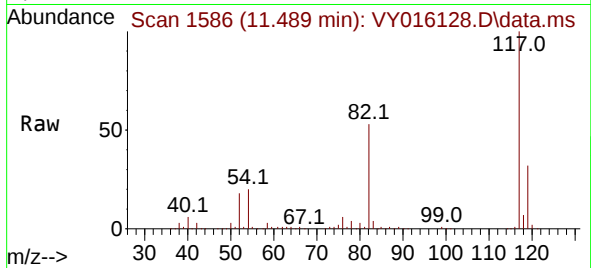




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016128.D
Acq: 30 Oct 2023 13:03

Instrument :
MSVOA_Y
ClientSampleId :
EO-03-102323

Tgt Ion:117 Resp: 232556
Ion Ratio Lower Upper
117 100
82 52.9 43.4 65.0
119 31.9 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY016128.D
Acq: 30 Oct 2023 13:03

Tgt Ion:152 Resp: 110073
Ion Ratio Lower Upper
152 100
115 57.4 28.8 86.5
150 156.7 0.0 348.8

