

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122922\
 Data File : VY012028.D
 Acq On : 29 Dec 2022 15:15
 Operator : KP/MD
 Sample : N6228-04
 Misc : 4.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-2

Quant Time: Dec 30 03:59:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122022S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 20 12:37:37 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	135119	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	238249	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	226979	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	98319	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	84709	62.227	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	124.460%
35) Dibromofluoromethane	7.716	113	75940	52.945	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.880%
50) Toluene-d8	10.179	98	286128	49.168	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.340%
62) 4-Bromofluorobenzene	12.483	95	88807	45.375	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	90.740%

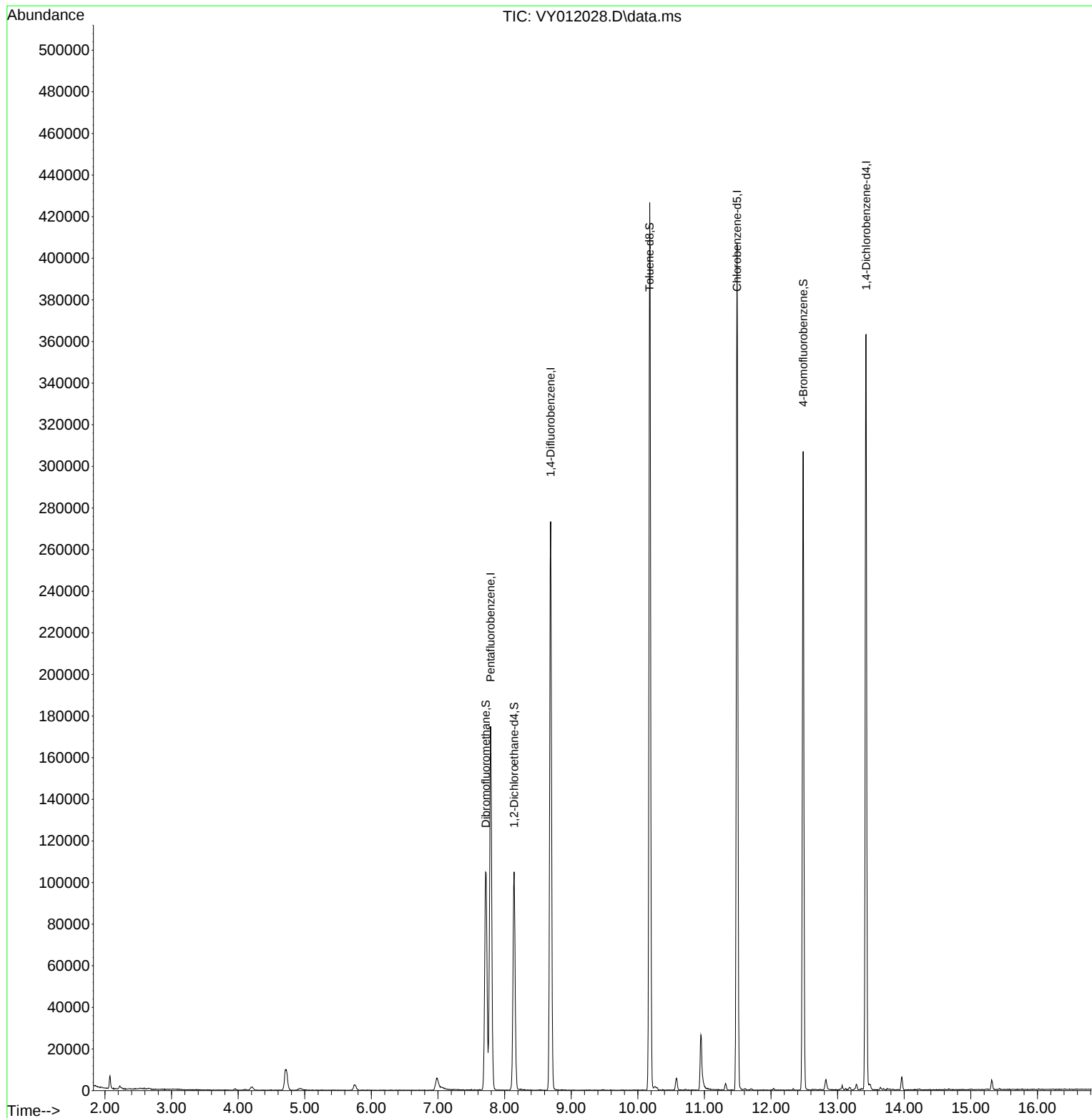
Target Compounds	Qvalue

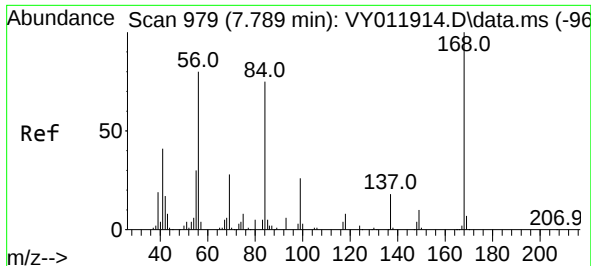
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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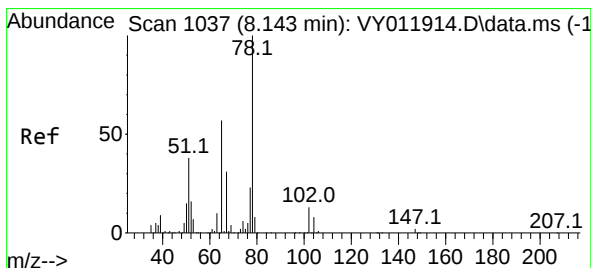
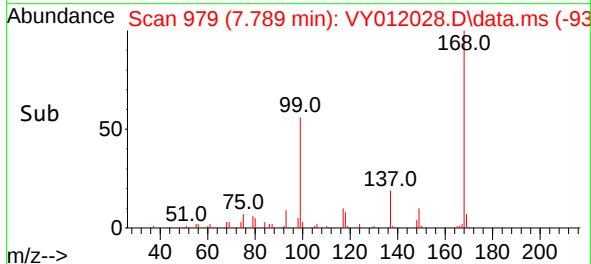
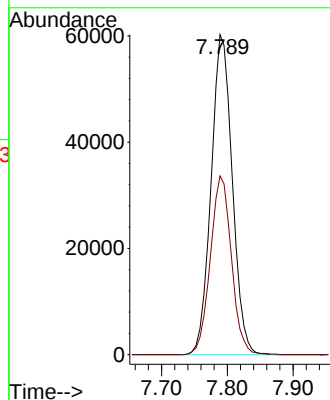
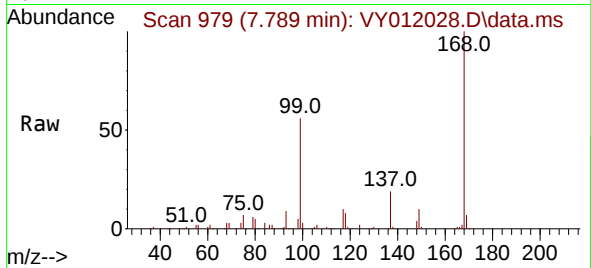




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012028.D
Acq: 29 Dec 2022 15:15

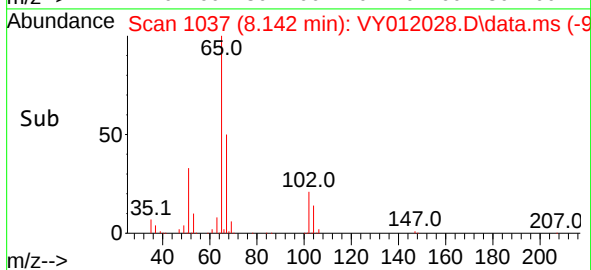
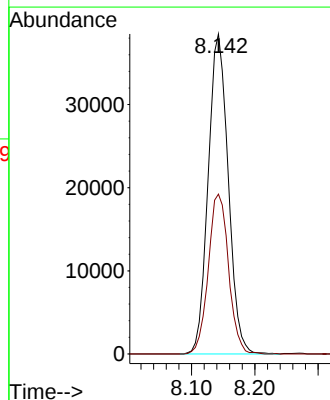
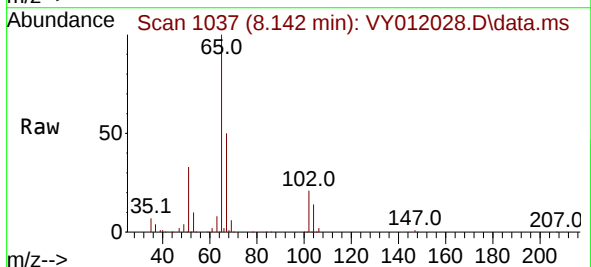
Instrument :
MSVOA_Y
ClientSampleId :
TP-2

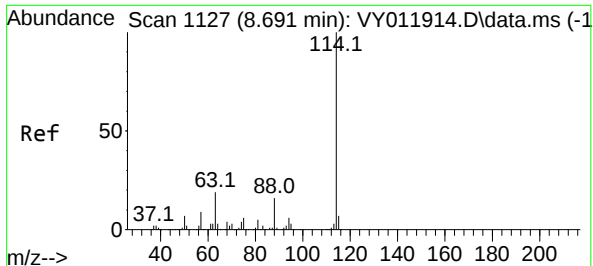
Tgt Ion:168 Resp: 135119
Ion Ratio Lower Upper
168 100
99 55.8 44.0 66.0



#33
1,2-Dichloroethane-d4
Concen: 62.227 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY012028.D
Acq: 29 Dec 2022 15:15

Tgt Ion: 65 Resp: 84709
Ion Ratio Lower Upper
65 100
67 50.5 0.0 103.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY012028.D

Acq: 29 Dec 2022 15:15

Instrument :

MSVOA_Y

ClientSampleId :

TP-2

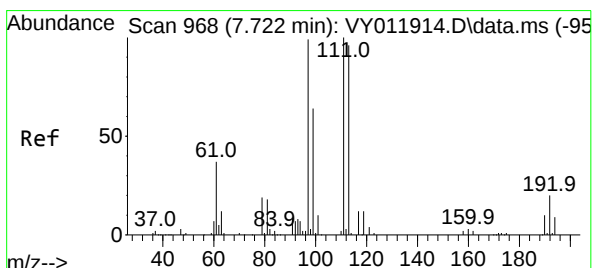
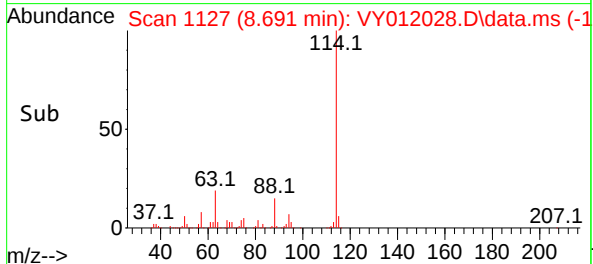
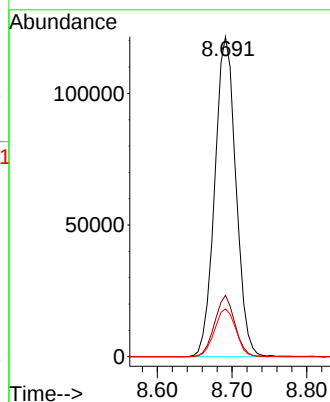
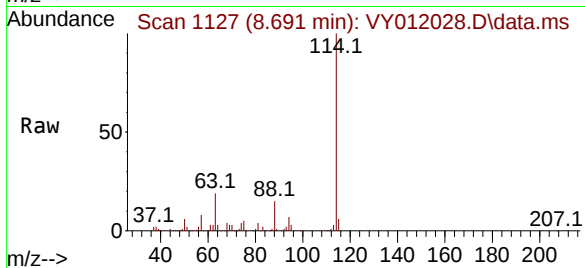
Tgt Ion:114 Resp: 238249

Ion Ratio Lower Upper

114 100

63 19.2 0.0 39.6

88 14.9 0.0 32.2



#35

Dibromofluoromethane

Concen: 52.945 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY012028.D

Acq: 29 Dec 2022 15:15

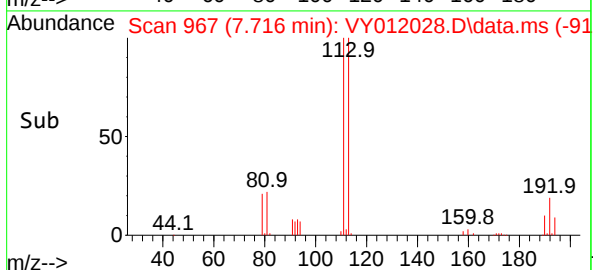
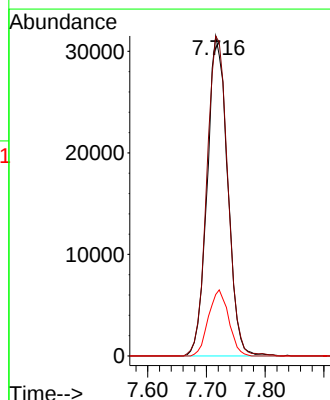
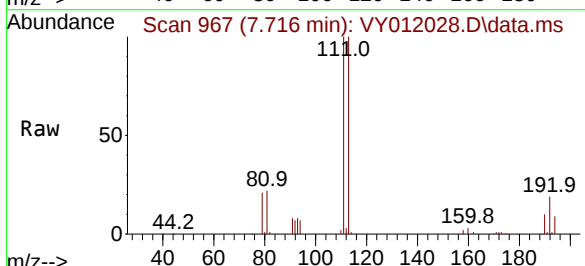
Tgt Ion:113 Resp: 75940

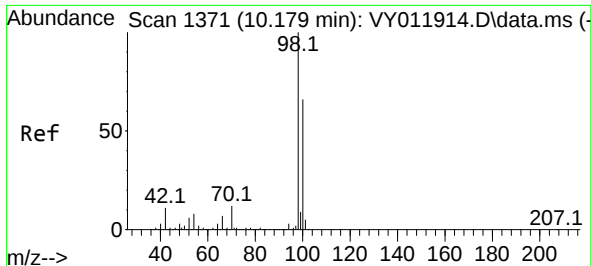
Ion Ratio Lower Upper

113 100

111 102.5 83.0 124.4

192 20.5 16.0 24.0

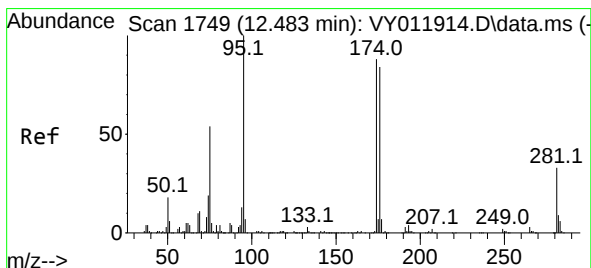
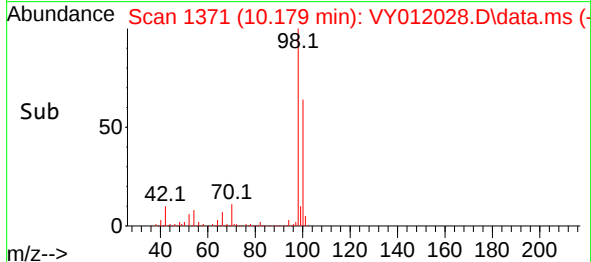
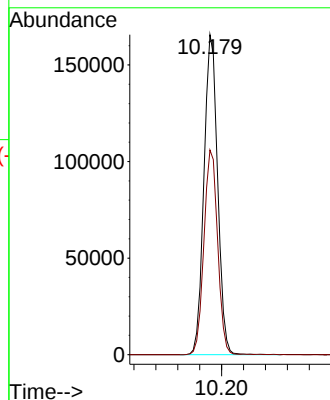
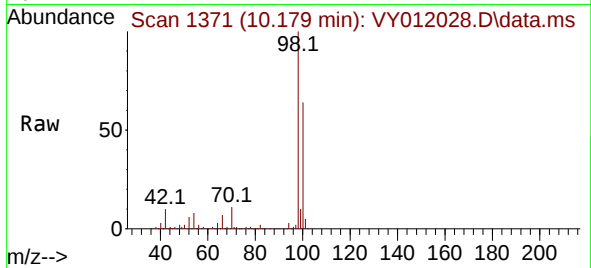




#50
Toluene-d8
Concen: 49.168 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012028.D
Acq: 29 Dec 2022 15:15

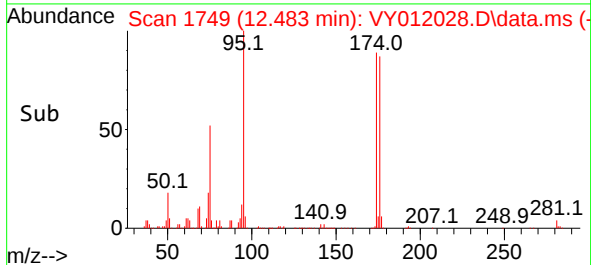
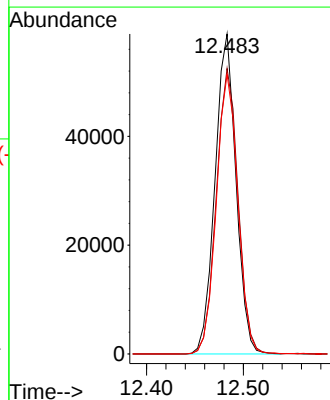
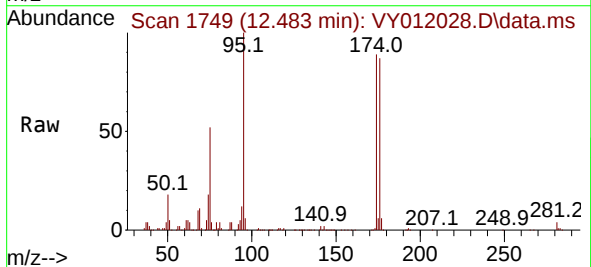
Instrument :
MSVOA_Y
ClientSampleId :
TP-2

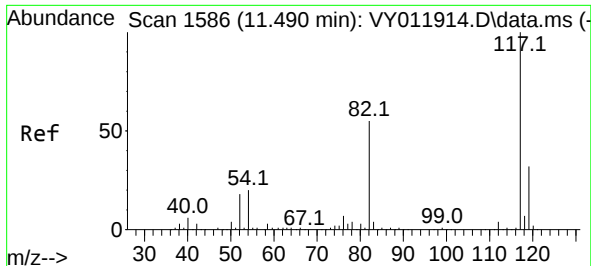
Tgt Ion: 98 Resp: 286128
Ion Ratio Lower Upper
98 100
100 64.1 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 45.375 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012028.D
Acq: 29 Dec 2022 15:15

Tgt Ion: 95 Resp: 88807
Ion Ratio Lower Upper
95 100
174 92.2 0.0 172.0
176 89.3 0.0 167.6

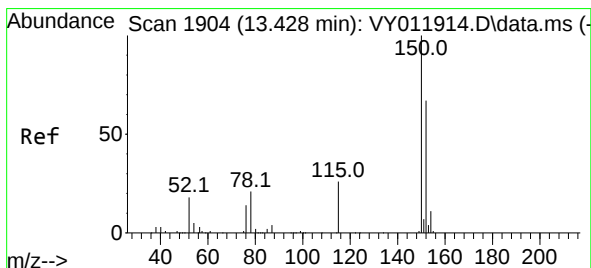
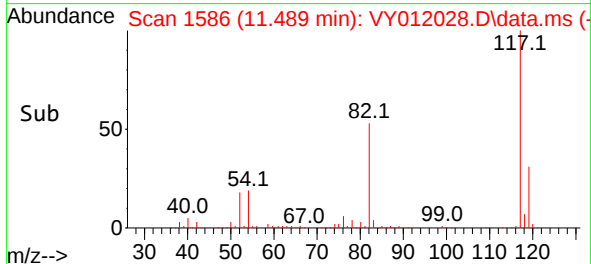
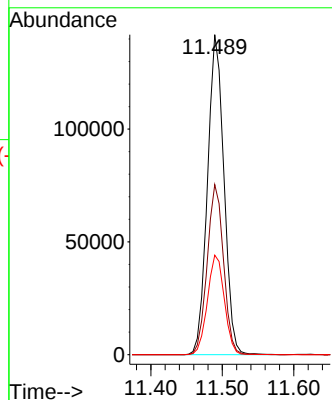
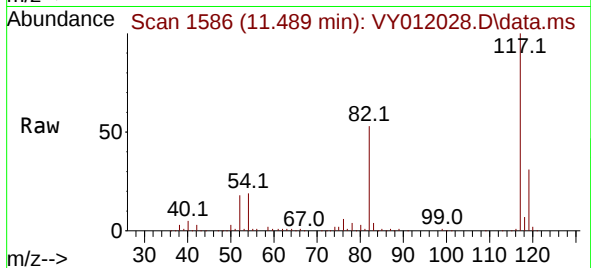




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012028.D
Acq: 29 Dec 2022 15:15

Instrument :
MSVOA_Y
ClientSampleId :
TP-2

Tgt Ion:117 Resp: 226979
Ion Ratio Lower Upper
117 100
82 53.2 44.8 67.2
119 31.1 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY012028.D
Acq: 29 Dec 2022 15:15

Tgt Ion:152 Resp: 98319
Ion Ratio Lower Upper
152 100
115 57.6 29.1 87.3
150 155.9 0.0 342.6

