

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010423\
 Data File : VY012067.D
 Acq On : 04 Jan 2023 13:37
 Operator : KP/MD
 Sample : 01008-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EO-1-010323

Quant Time: Jan 05 00:41:14 2023
 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	7.783	168	18215	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	29585	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	27505	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	11933	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	12082	65.838	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	131.680%
35) Dibromofluoromethane	7.716	113	10130	56.875	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	113.740%
50) Toluene-d8	10.179	98	34676	47.986	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	95.980%
62) 4-Bromofluorobenzene	12.483	95	10192	41.936	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	83.880%

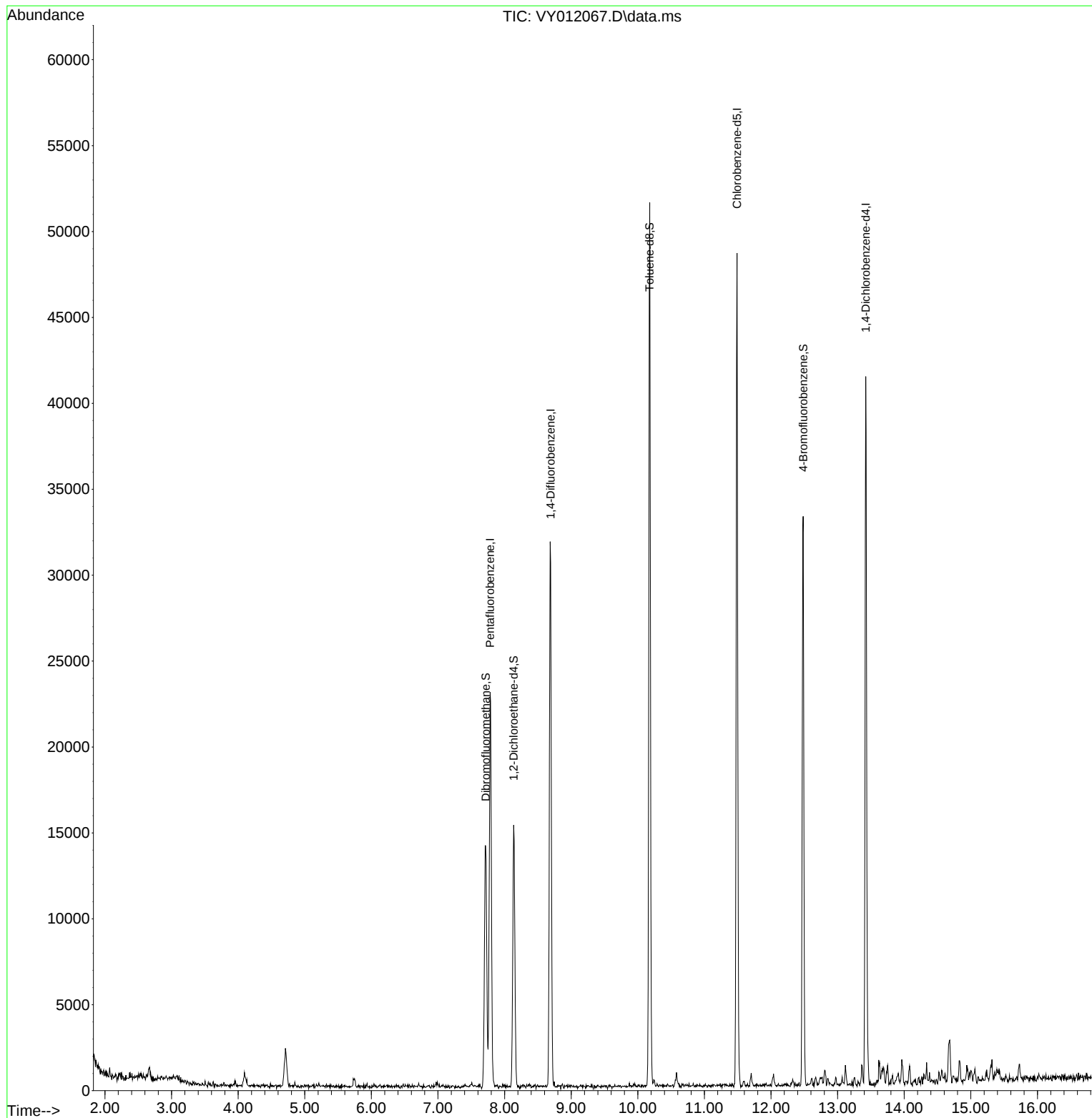
Target Compounds	Qvalue

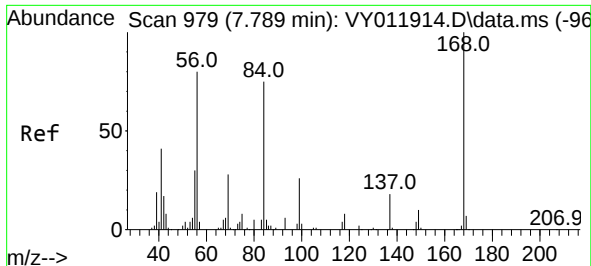
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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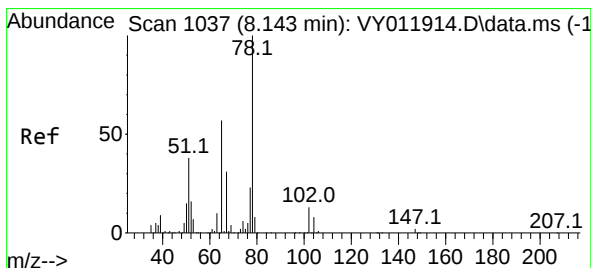
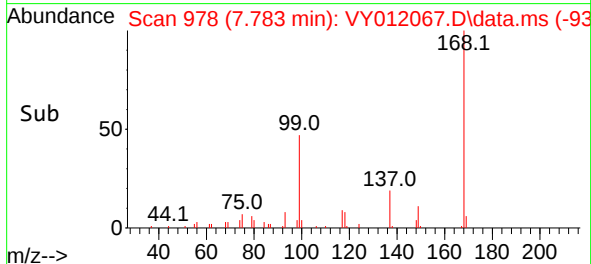
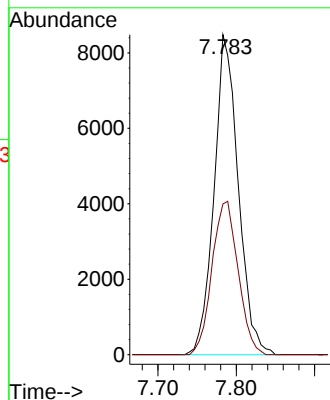
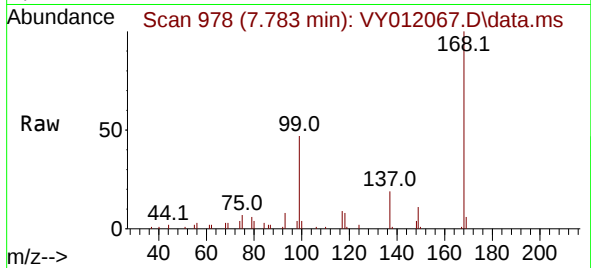




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY012067.D
Acq: 04 Jan 2023 13:37

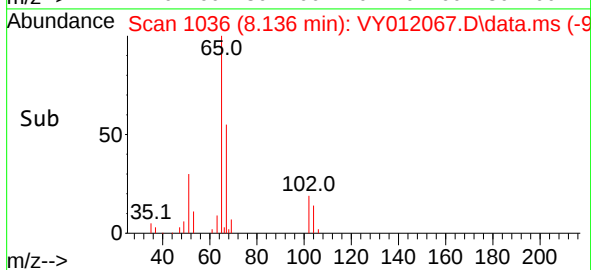
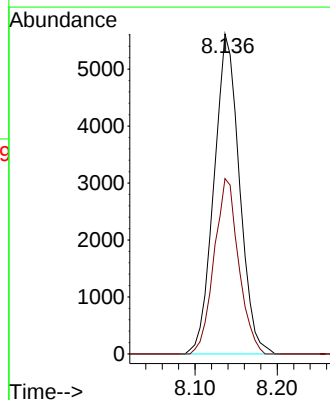
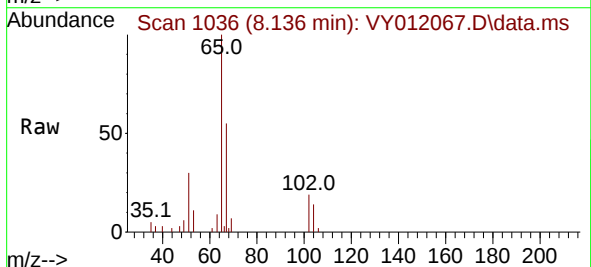
Instrument :
MSVOA_Y
ClientSampleId :
EO-1-010323

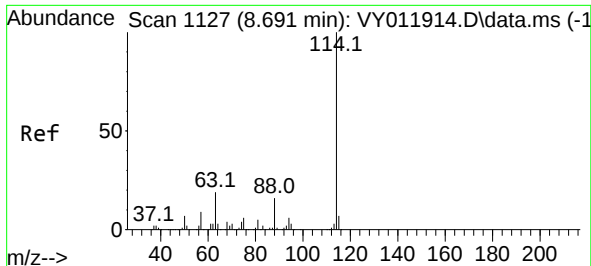
Tgt Ion:168 Resp: 18215
Ion Ratio Lower Upper
168 100
99 47.1 44.0 66.0



#33
1,2-Dichloroethane-d4
Concen: 65.838 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.007 min
Lab File: VY012067.D
Acq: 04 Jan 2023 13:37

Tgt Ion: 65 Resp: 12082
Ion Ratio Lower Upper
65 100
67 52.8 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: VY012067.D

Acq: 04 Jan 2023 13:37

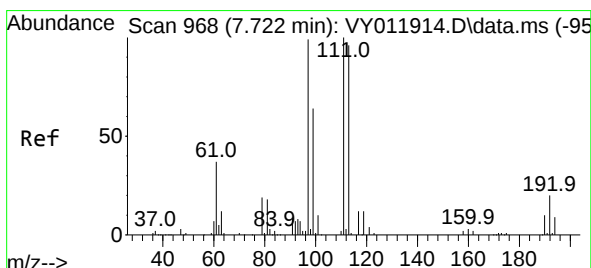
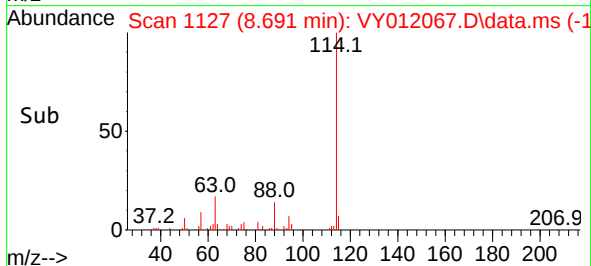
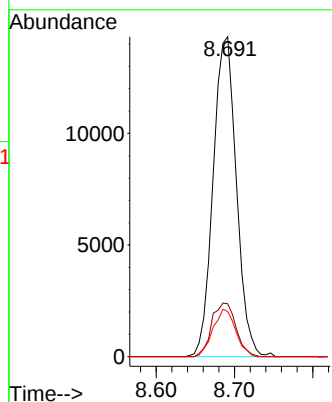
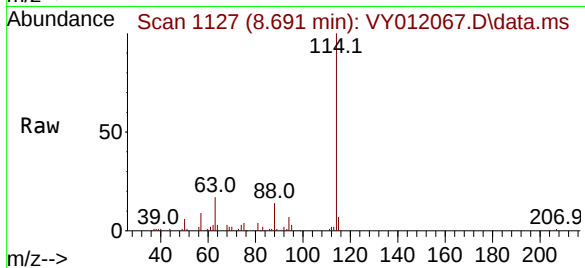
Instrument :

MSVOA_Y

ClientSampleId :

EO-1-010323

Tgt Ion:114	Resp:	29585
Ion	Ratio	Lower Upper
114	100	
63	16.5	0.0 39.6
88	14.2	0.0 32.2



#35

Dibromofluoromethane

Concen: 56.875 ug/l

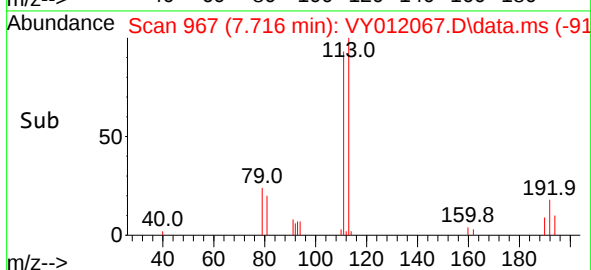
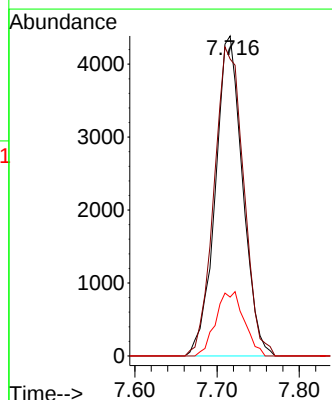
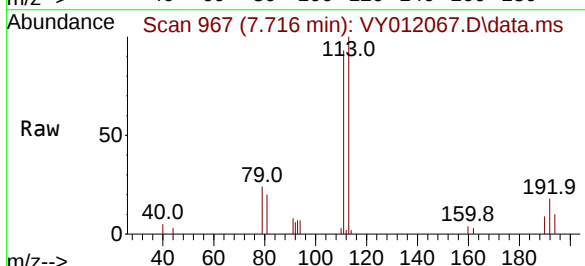
RT: 7.716 min Scan# 967

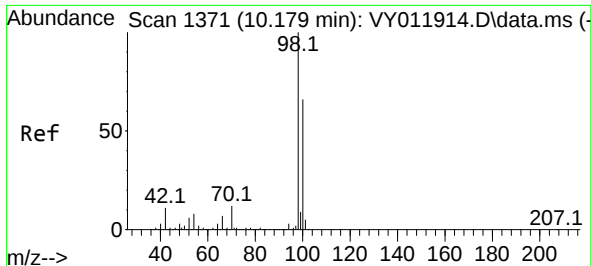
Delta R.T. -0.000 min

Lab File: VY012067.D

Acq: 04 Jan 2023 13:37

Tgt Ion:113	Resp:	10130
Ion	Ratio	Lower Upper
113	100	
111	104.2	83.0 124.4
192	20.9	16.0 24.0

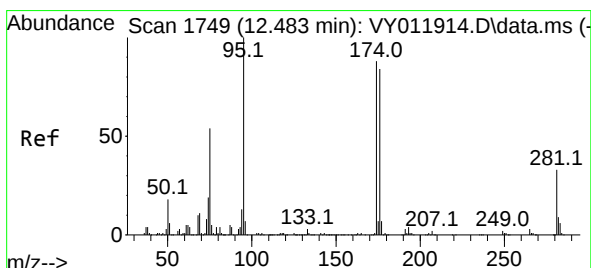
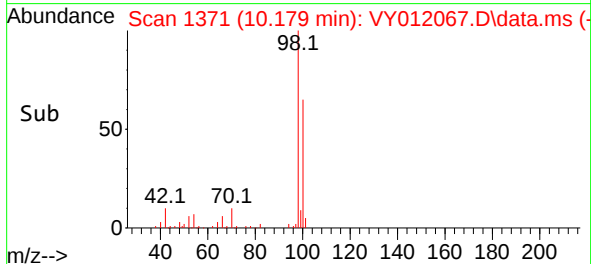
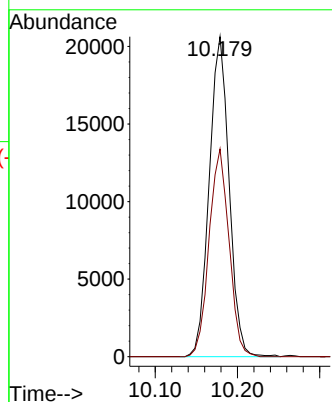
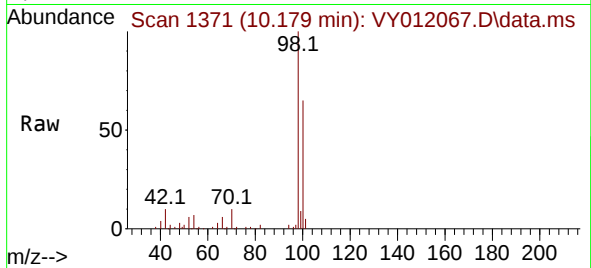




#50
Toluene-d8
Concen: 47.986 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012067.D
Acq: 04 Jan 2023 13:37

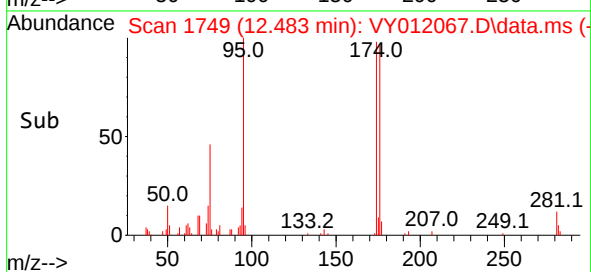
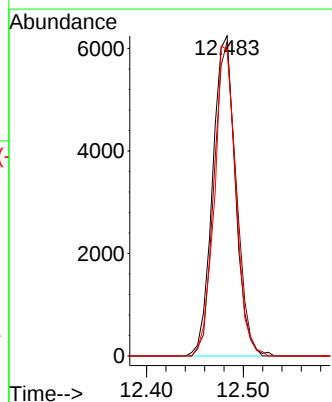
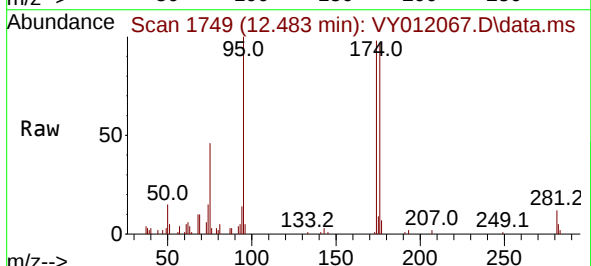
Instrument :
MSVOA_Y
ClientSampleId :
EO-1-010323

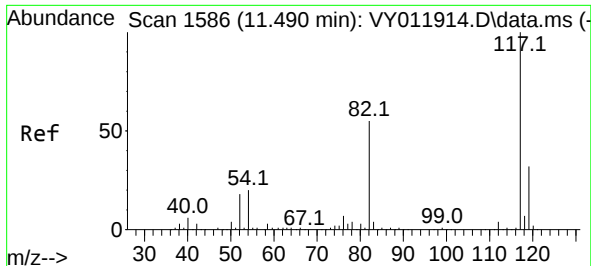
Tgt Ion: 98 Resp: 34676
Ion Ratio Lower Upper
98 100
100 65.1 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 41.936 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012067.D
Acq: 04 Jan 2023 13:37

Tgt Ion: 95 Resp: 10192
Ion Ratio Lower Upper
95 100
174 95.5 0.0 172.0
176 91.9 0.0 167.6

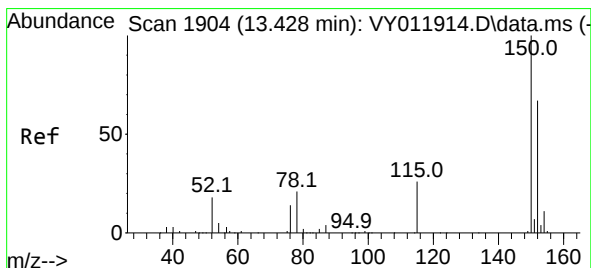
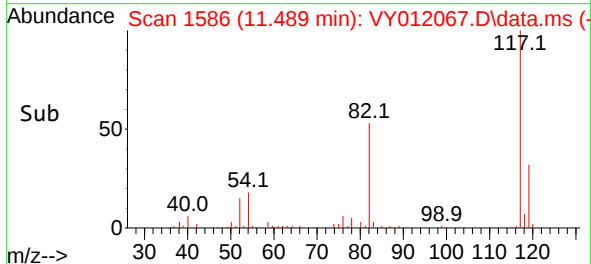
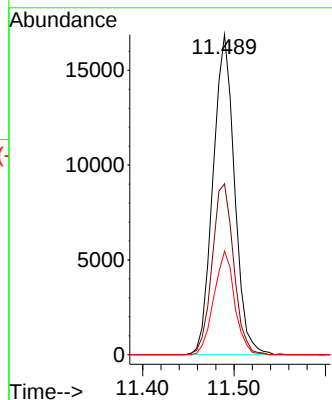
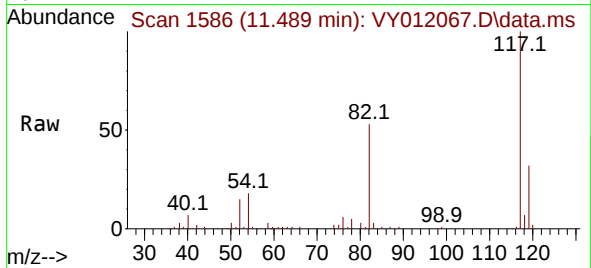




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012067.D
Acq: 04 Jan 2023 13:37

Instrument :
MSVOA_Y
ClientSampleId :
EO-1-010323

Tgt Ion:117 Resp: 27505
Ion Ratio Lower Upper
117 100
82 53.4 44.8 67.2
119 32.3 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY012067.D
Acq: 04 Jan 2023 13:37

Tgt Ion:152 Resp: 11933
Ion Ratio Lower Upper
152 100
115 55.6 29.1 87.3
150 156.7 0.0 342.6

