

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101623\
 Data File : VY015990.D
 Acq On : 16 Oct 2023 17:27
 Operator : SY/MD
 Sample : 04892-05
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EO-03-10132023-B

Quant Time: Oct 17 05:45:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 13 13:13:02 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	12772	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	19587	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	17951	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	8462	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	7026	48.201	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.400%
35) Dibromofluoromethane	7.728	113	6471	52.477	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.960%
50) Toluene-d8	10.185	98	22856	49.494	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.980%
62) 4-Bromofluorobenzene	12.489	95	8044	48.919	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	97.840%

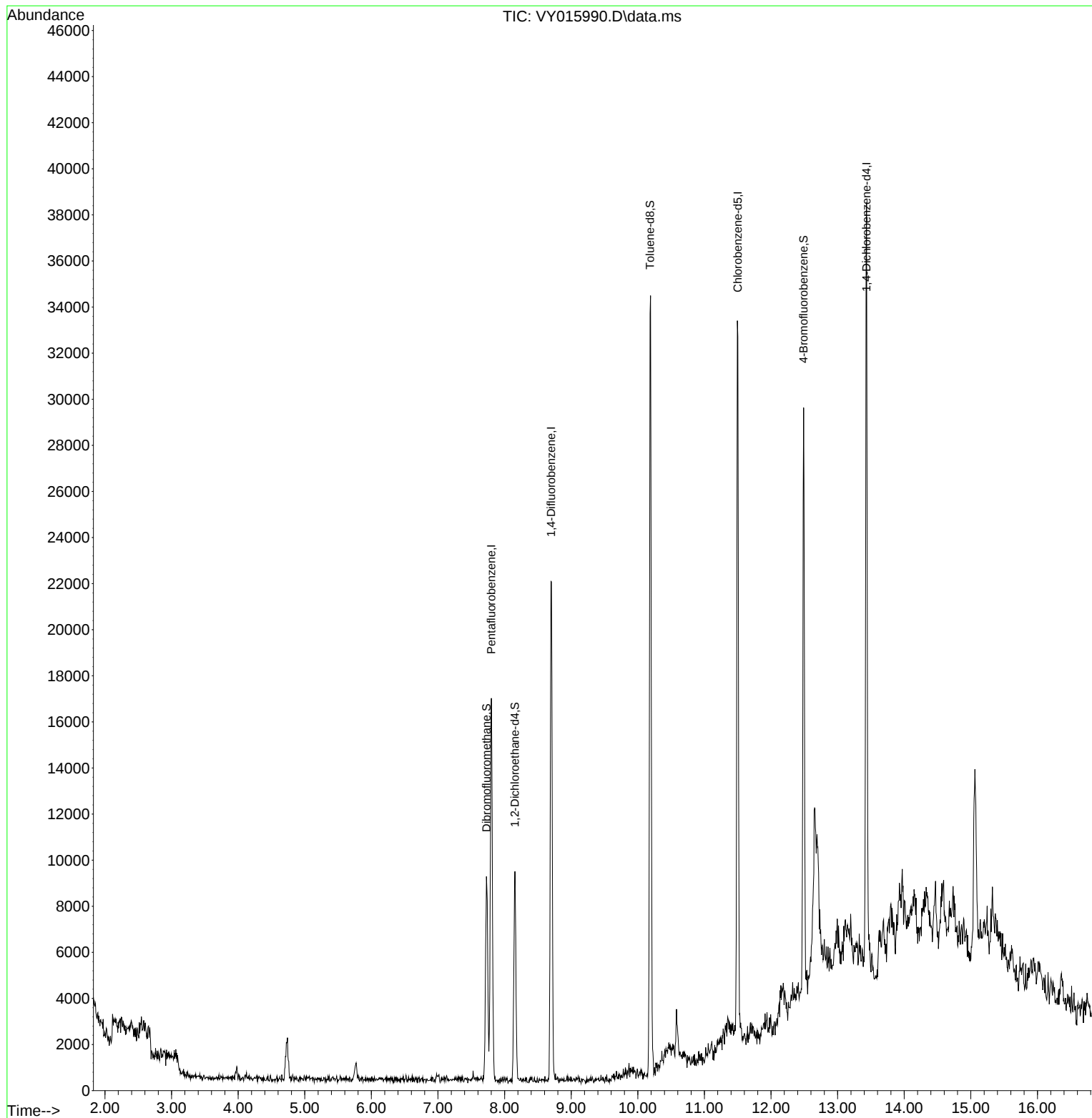
Target Compounds	Qvalue

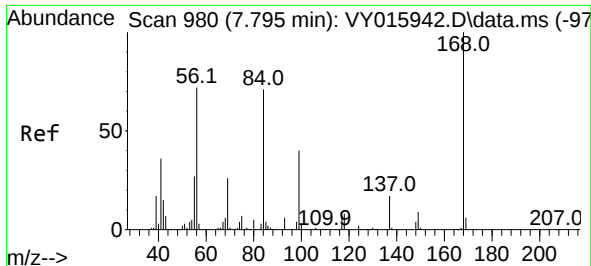
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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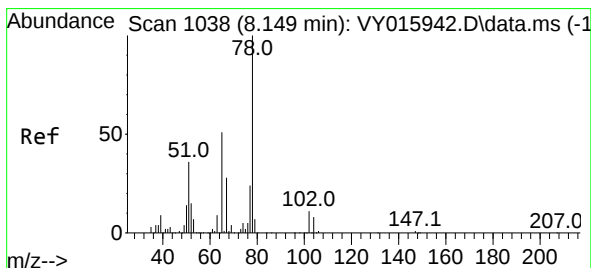
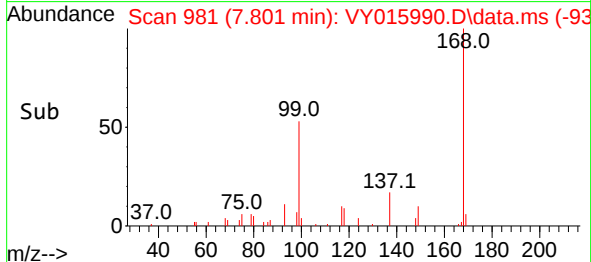
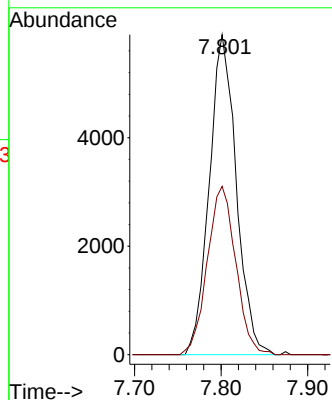
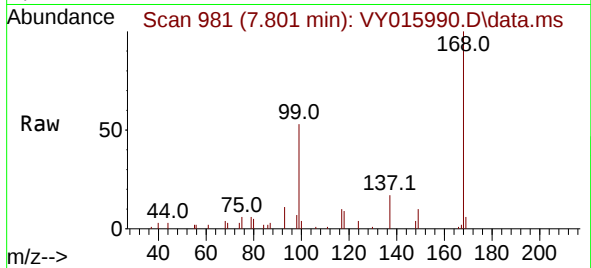




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015990.D
Acq: 16 Oct 2023 17:27

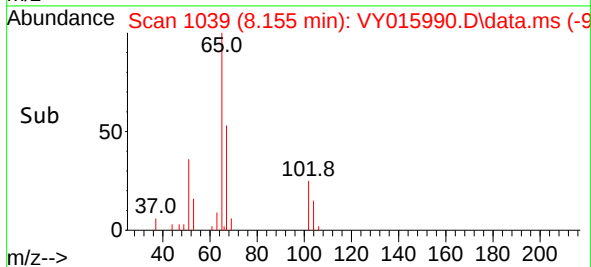
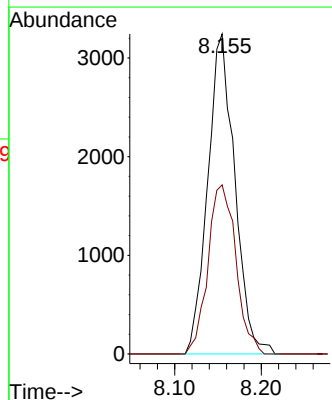
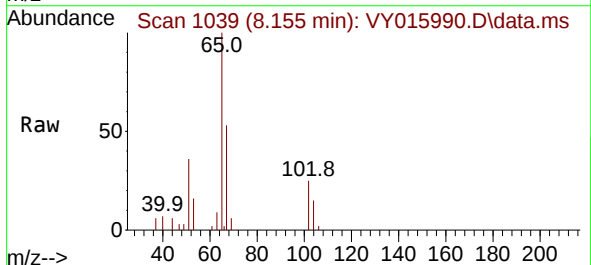
Instrument :
MSVOA_Y
ClientSampleId :
EO-03-10132023-B

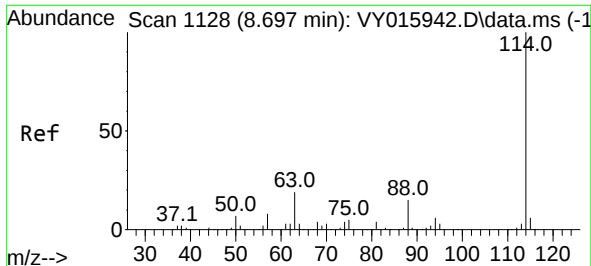
Tgt Ion:168 Resp: 12772
Ion Ratio Lower Upper
168 100
99 52.6 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 48.201 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY015990.D
Acq: 16 Oct 2023 17:27

Tgt Ion: 65 Resp: 7026
Ion Ratio Lower Upper
65 100
67 54.7 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VY015990.D

Acq: 16 Oct 2023 17:27

Instrument :

MSVOA_Y

ClientSampleId :

EO-03-10132023-B

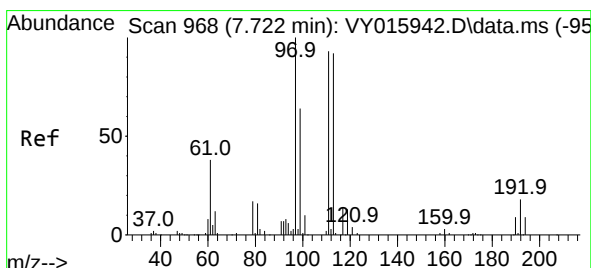
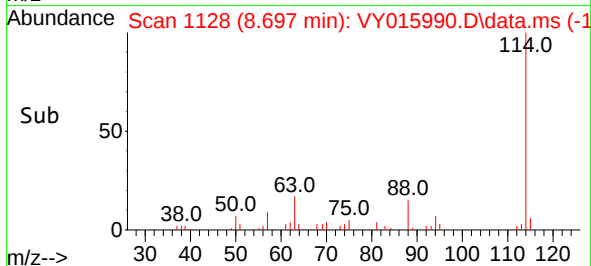
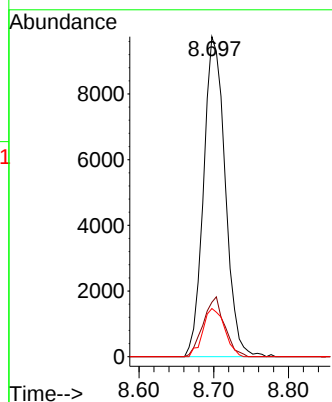
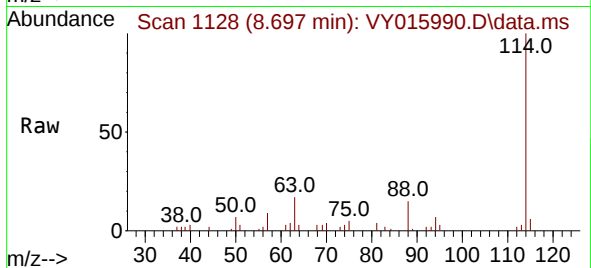
Tgt Ion:114 Resp: 19587

Ion Ratio Lower Upper

114 100

63 17.0 0.0 42.4

88 15.1 0.0 30.6



#35

Dibromofluoromethane

Concen: 52.477 ug/l

RT: 7.728 min Scan# 969

Delta R.T. 0.006 min

Lab File: VY015990.D

Acq: 16 Oct 2023 17:27

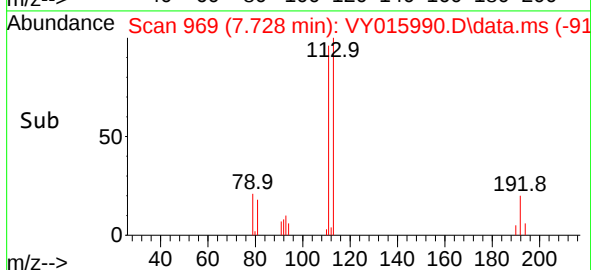
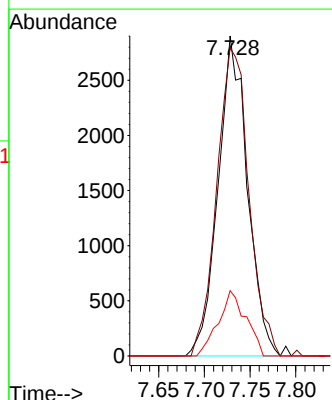
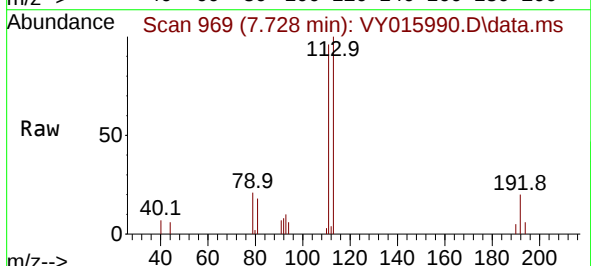
Tgt Ion:113 Resp: 6471

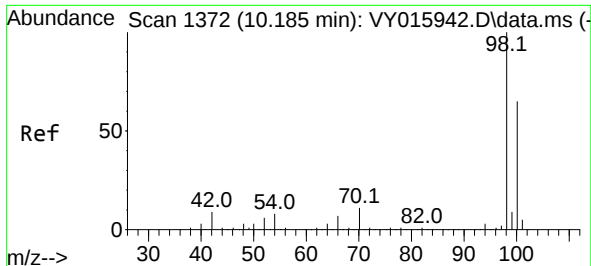
Ion Ratio Lower Upper

113 100

111 105.3 81.3 121.9

192 19.3 16.9 25.3

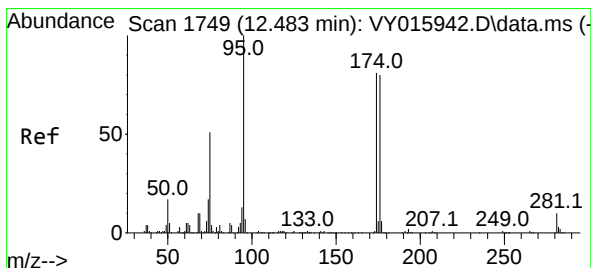
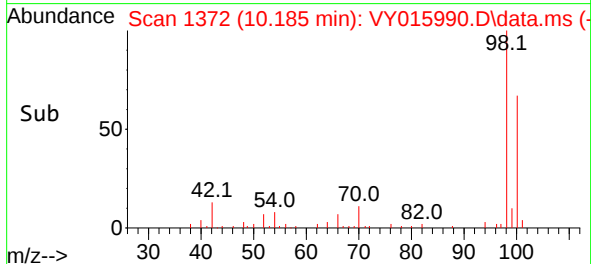
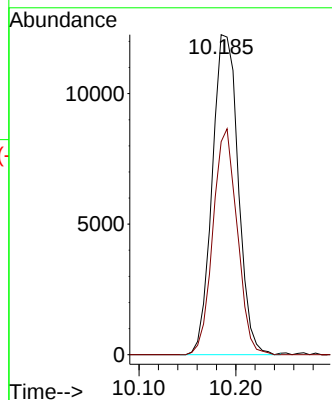
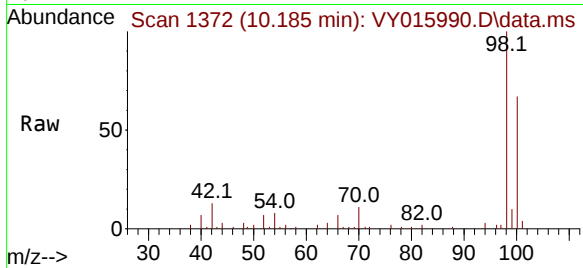




#50
Toluene-d8
Concen: 49.494 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015990.D
Acq: 16 Oct 2023 17:27

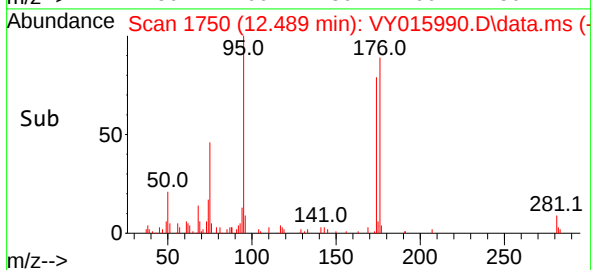
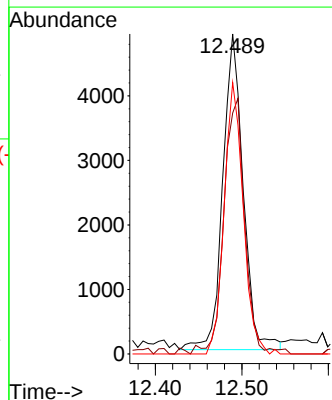
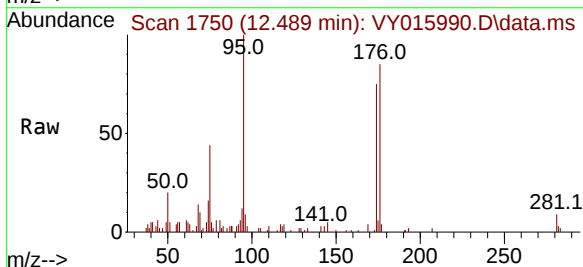
Instrument :
MSVOA_Y
ClientSampleId :
EO-03-10132023-B

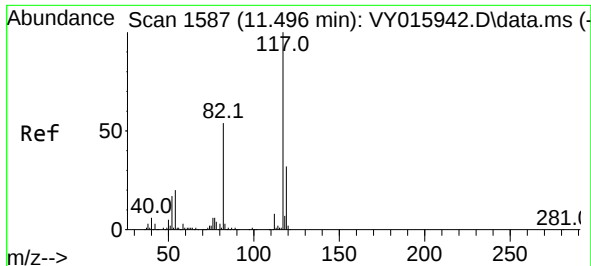
Tgt Ion: 98 Resp: 22856
Ion Ratio Lower Upper
98 100
100 65.9 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 48.919 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY015990.D
Acq: 16 Oct 2023 17:27

Tgt Ion: 95 Resp: 8044
Ion Ratio Lower Upper
95 100
174 82.8 0.0 178.2
176 80.1 0.0 173.8

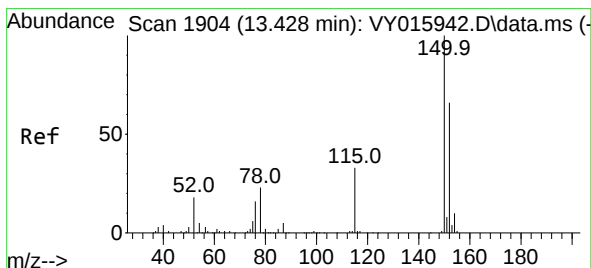
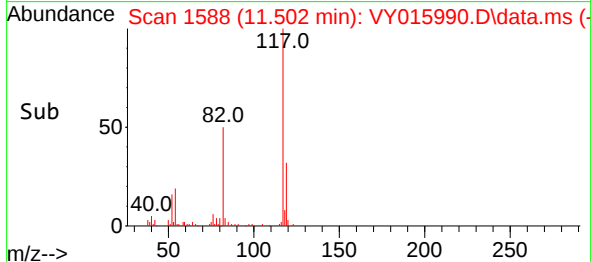
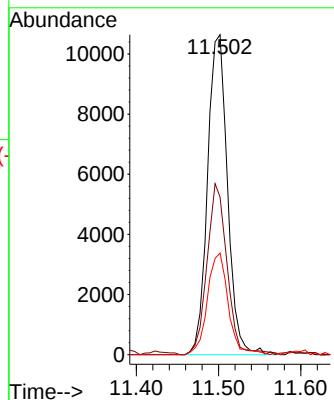
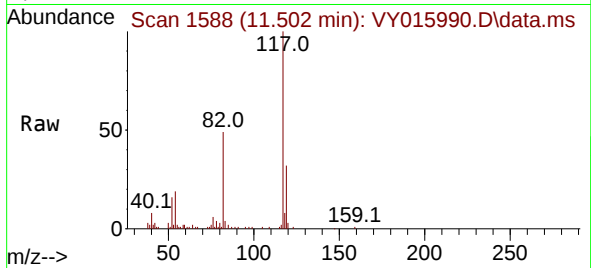




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015990.D
Acq: 16 Oct 2023 17:27

Instrument :
MSVOA_Y
ClientSampleId :
EO-03-10132023-B

Tgt Ion:117	Resp:	17951
Ion Ratio	Lower	Upper
117	100	
82	49.3	43.4 65.0
119	31.8	26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. 0.006 min
Lab File: VY015990.D
Acq: 16 Oct 2023 17:27

Tgt Ion:152	Resp:	8462
Ion Ratio	Lower	Upper
152	100	
115	61.8	28.8 86.5
150	154.5	0.0 348.8

