

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101623\
 Data File : VY015989.D
 Acq On : 16 Oct 2023 17:03
 Operator : SY/MD
 Sample : 04892-03
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

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

Quant Time: Oct 17 05:45:18 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	131032	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	221010	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	206549	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	106208	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	83469	55.816	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.640%
35) Dibromofluoromethane	7.728	113	72414	52.045	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.080%
50) Toluene-d8	10.185	98	261889	50.261	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.520%
62) 4-Bromofluorobenzene	12.489	95	92090	49.633	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	99.260%

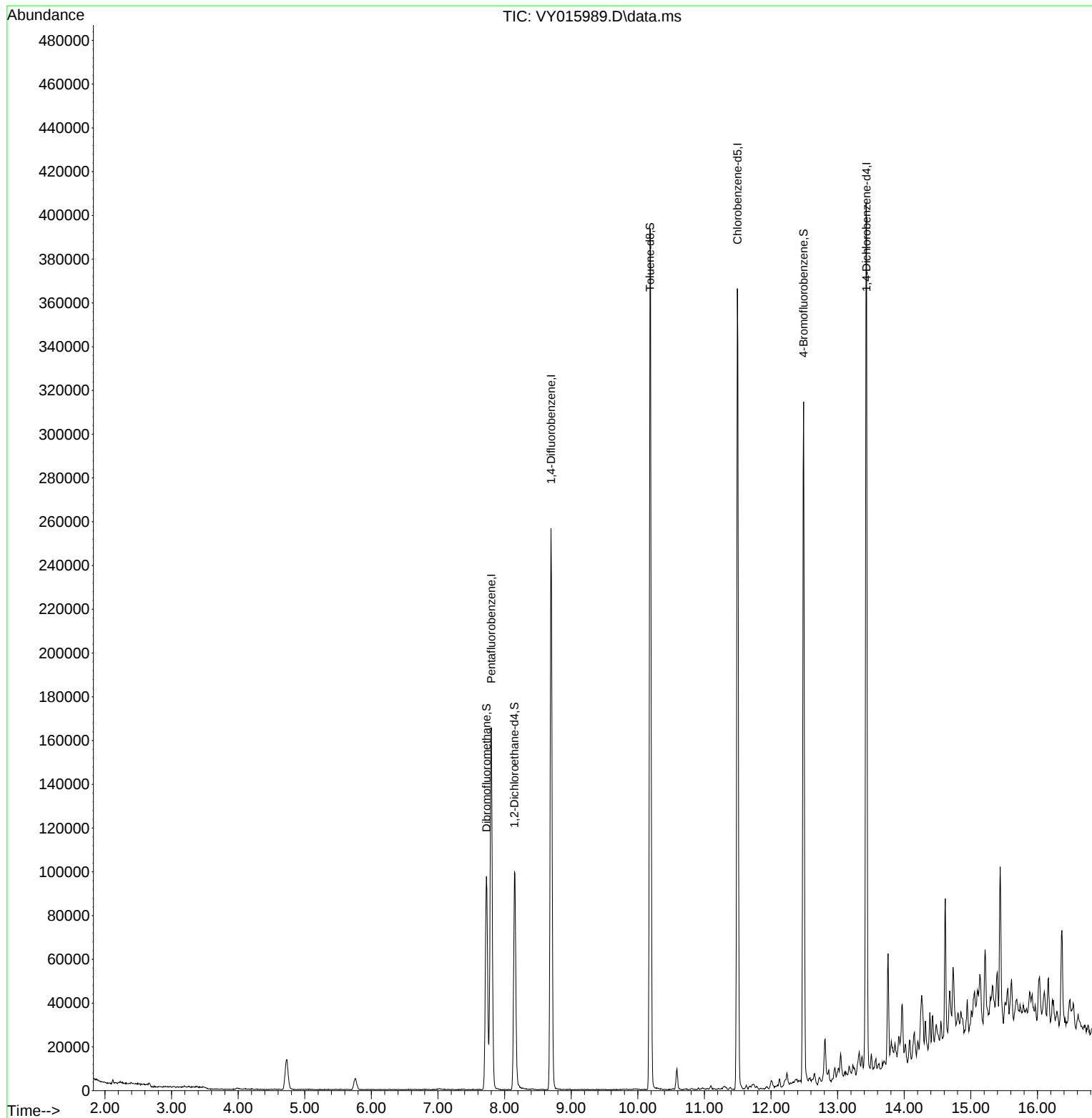
Target Compounds	Qvalue

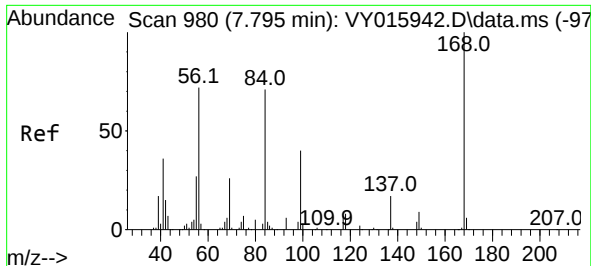
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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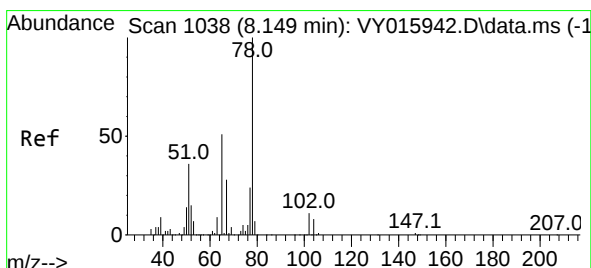
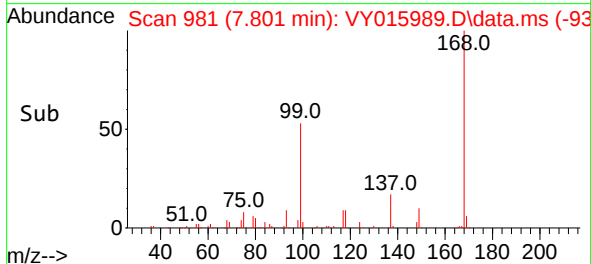
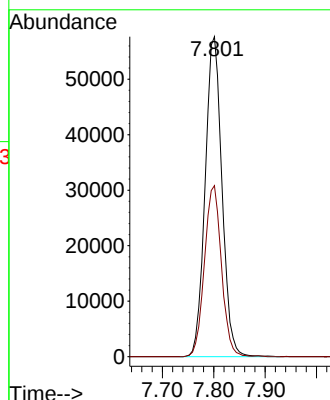
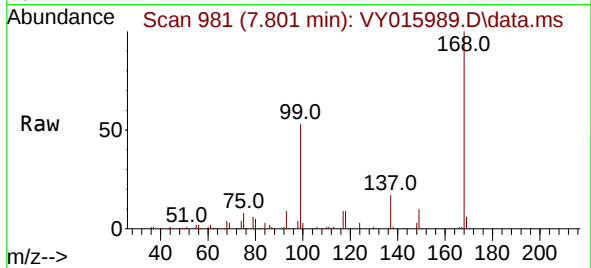




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015989.D
Acq: 16 Oct 2023 17:03

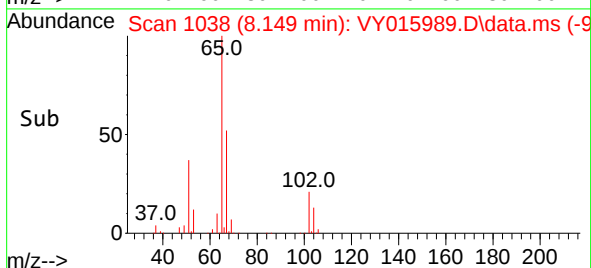
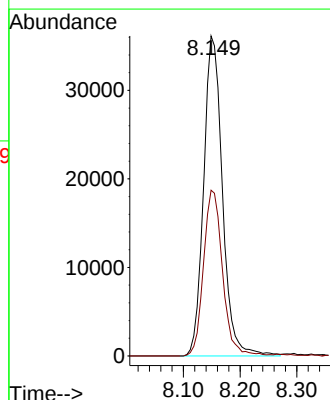
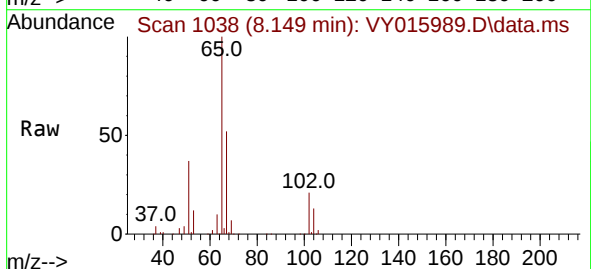
Instrument :
MSVOA_Y
ClientSampleId :
EO-03-10132023-A

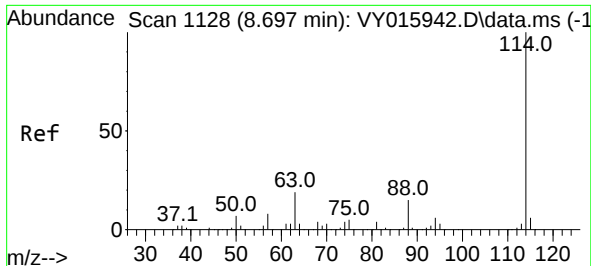
Tgt Ion:168 Resp: 131032
Ion Ratio Lower Upper
168 100
99 53.4 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 55.816 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY015989.D
Acq: 16 Oct 2023 17:03

Tgt Ion: 65 Resp: 83469
Ion Ratio Lower Upper
65 100
67 52.2 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: VY015989.D

Acq: 16 Oct 2023 17:03

Instrument :

MSVOA_Y

ClientSampleId :

EO-03-10132023-A

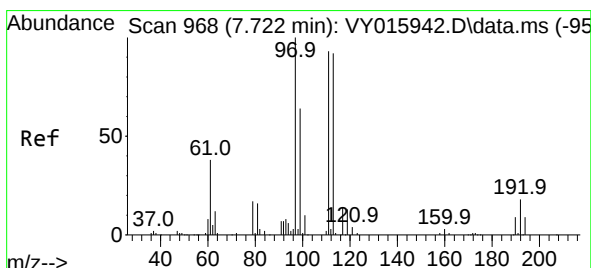
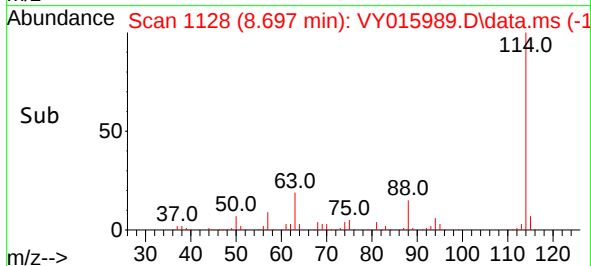
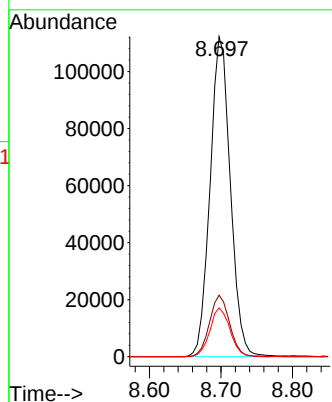
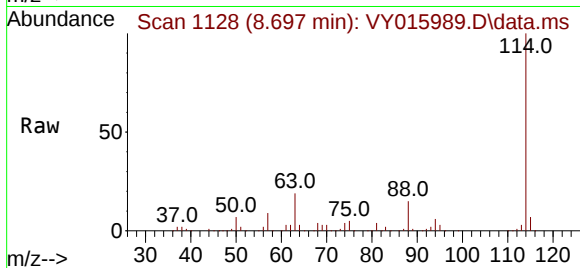
Tgt Ion:114 Resp: 221010

Ion Ratio Lower Upper

114 100

63 19.2 0.0 42.4

88 15.2 0.0 30.6



#35

Dibromofluoromethane

Concen: 52.045 ug/l

RT: 7.728 min Scan# 969

Delta R.T. 0.006 min

Lab File: VY015989.D

Acq: 16 Oct 2023 17:03

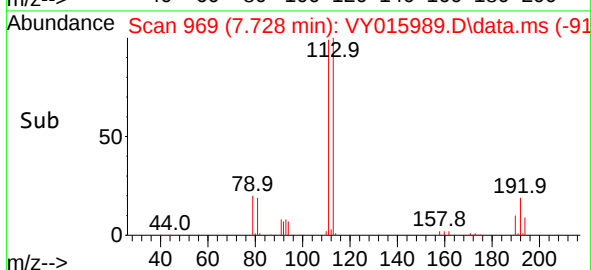
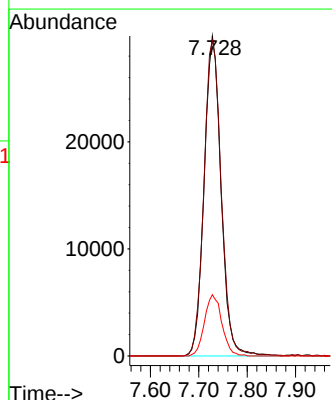
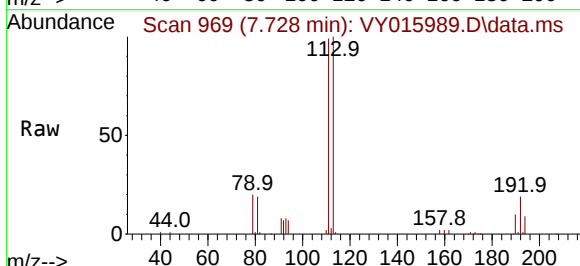
Tgt Ion:113 Resp: 72414

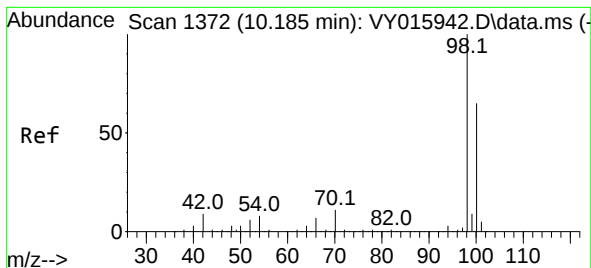
Ion Ratio Lower Upper

113 100

111 101.7 81.3 121.9

192 19.7 16.9 25.3

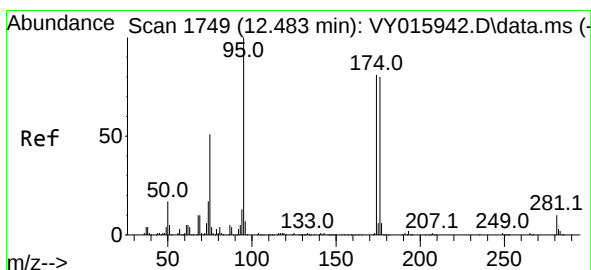
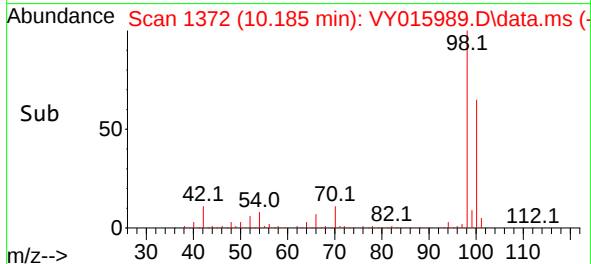
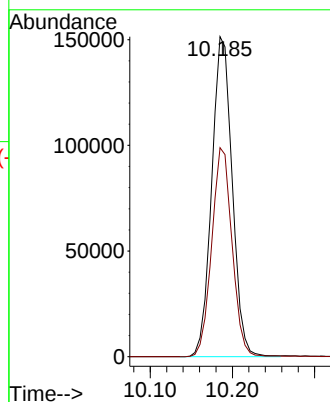
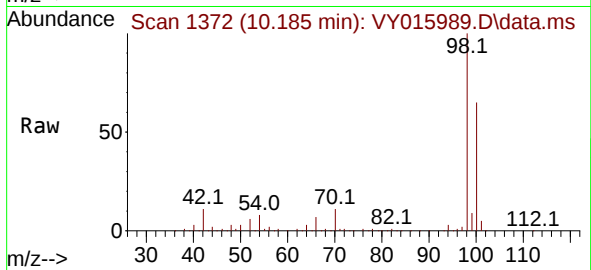




#50
Toluene-d8
Concen: 50.261 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015989.D
Acq: 16 Oct 2023 17:03

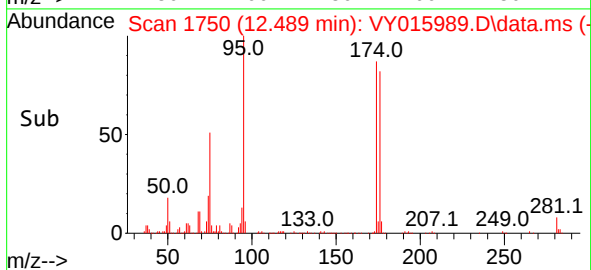
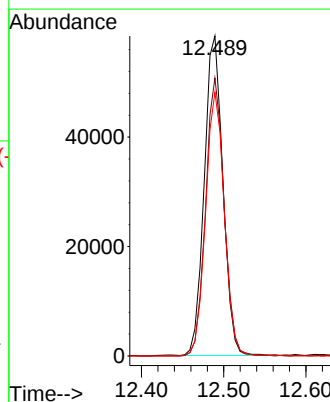
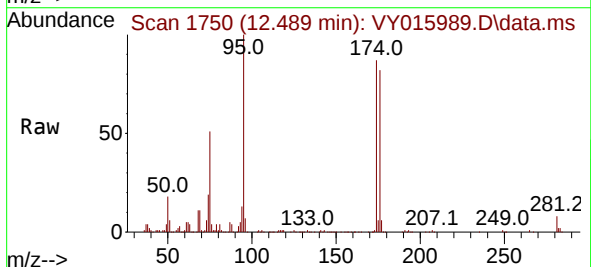
Instrument :
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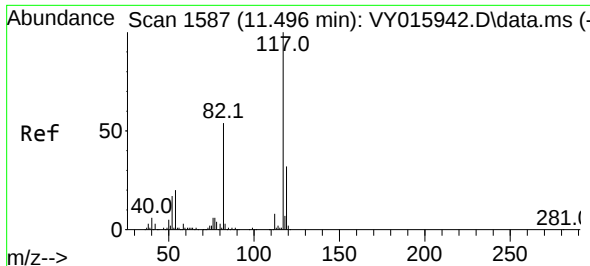
Tgt Ion: 98 Resp: 261889
Ion Ratio Lower Upper
98 100
100 64.9 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 49.633 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY015989.D
Acq: 16 Oct 2023 17:03

Tgt Ion: 95 Resp: 92090
Ion Ratio Lower Upper
95 100
174 86.3 0.0 178.2
176 82.7 0.0 173.8

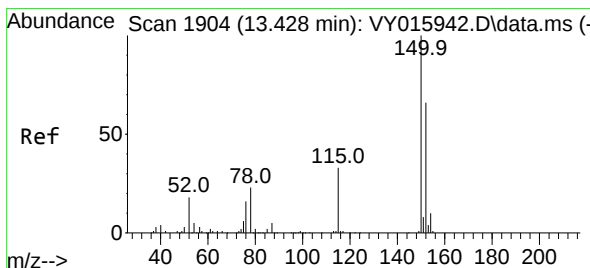
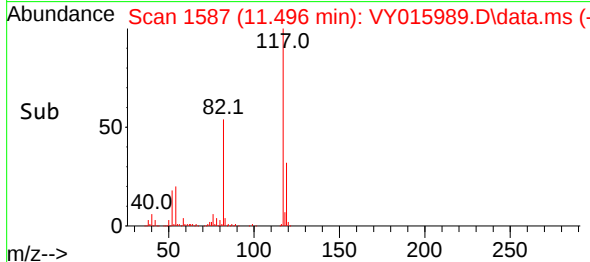
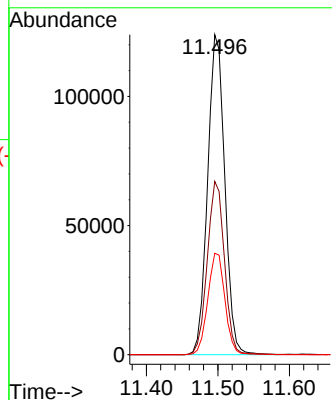
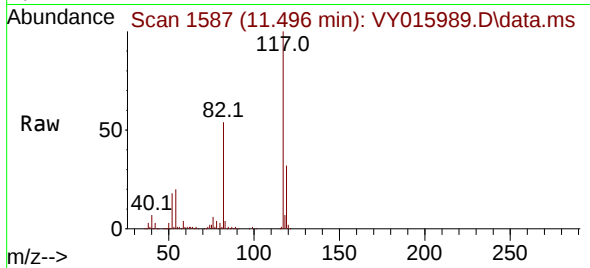




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015989.D
Acq: 16 Oct 2023 17:03

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

Tgt Ion:117 Resp: 206549
Ion Ratio Lower Upper
117 100
82 54.2 43.4 65.0
119 31.7 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: VY015989.D
Acq: 16 Oct 2023 17:03

Tgt Ion:152 Resp: 106208
Ion Ratio Lower Upper
152 100
115 57.2 28.8 86.5
150 156.3 0.0 348.8

