

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092823\
 Data File : VY015750.D
 Acq On : 28 Sep 2023 17:54
 Operator : SY/MD
 Sample : 04627-15RE
 Misc : 3.26g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 280-300FB-BACKFILL-08RE

Quant Time: Sep 29 01:27:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 20 01:39:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	116302	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.697	114	208622	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.496	117	194777	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	88948	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	81305	63.537	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 127.080%	
35) Dibromofluoromethane	7.728	113	69057	55.304	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.600%	
50) Toluene-d8	10.185	98	249638	58.963	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 117.920%	
62) 4-Bromofluorobenzene	12.483	95	82577	49.701	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 99.400%	

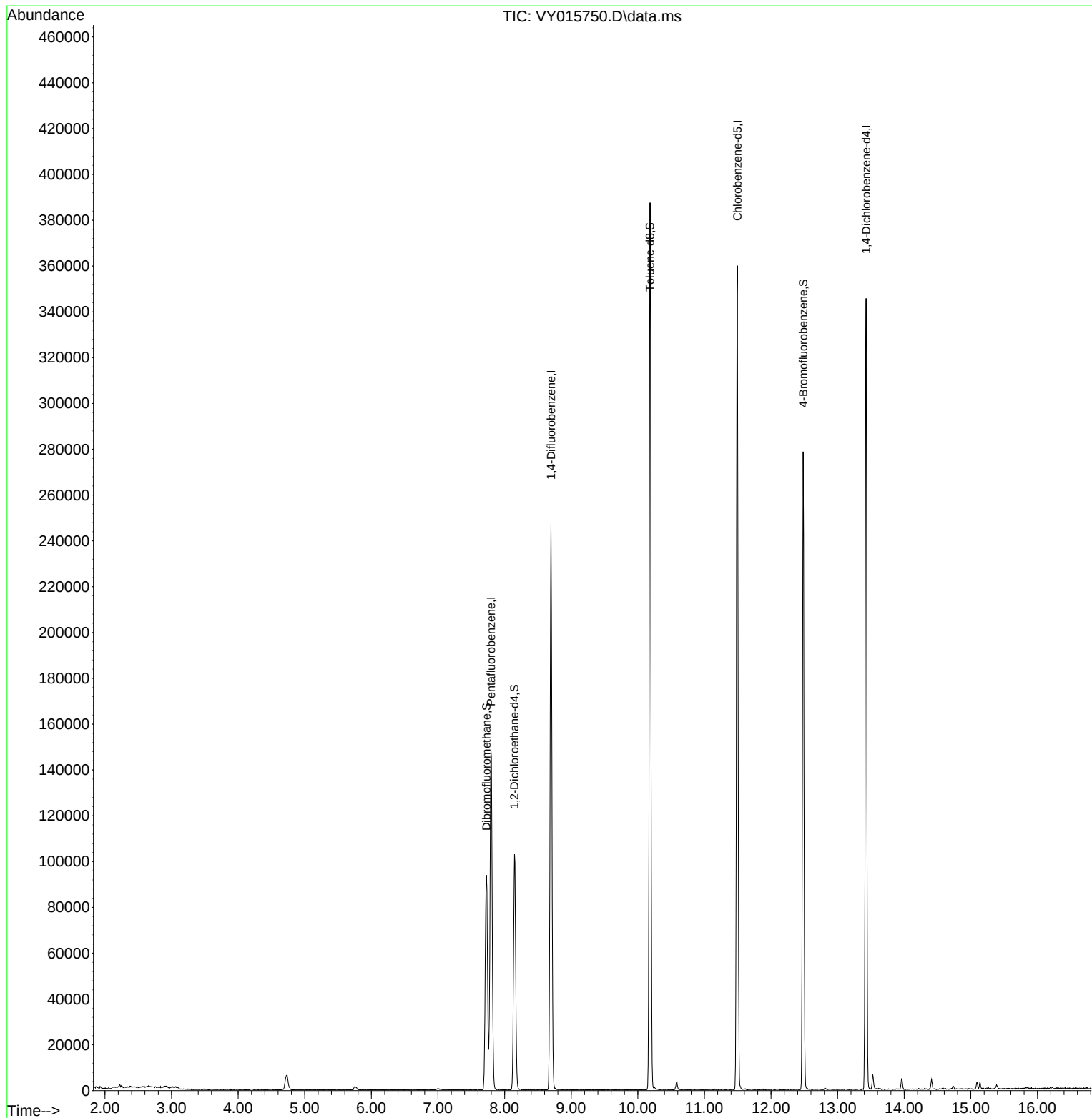
Target Compounds	Qvalue

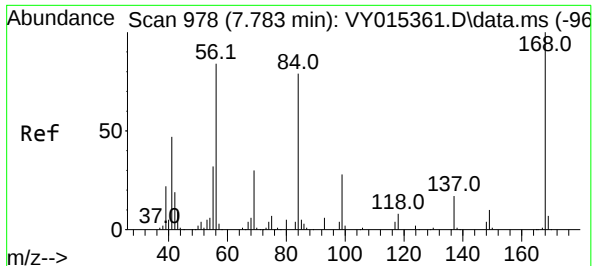
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092823\
Data File : VY015750.D
Acq On : 28 Sep 2023 17:54
Operator : SY/MD
Sample : 04627-15RE
Misc : 3.26g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
280-300FB-BACKFILL-08RE

Quant Time: Sep 29 01:27:29 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
Quant Title : SW846 8260
QLast Update : Wed Sep 20 01:39:40 2023
Response via : Initial Calibration

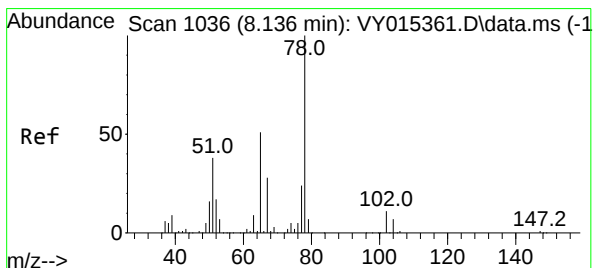
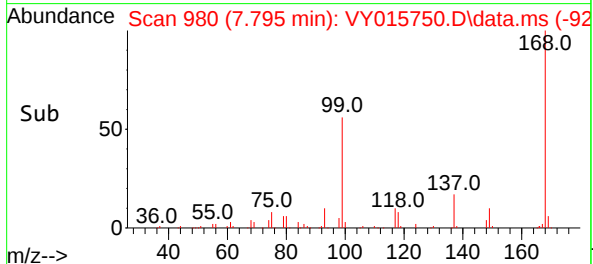
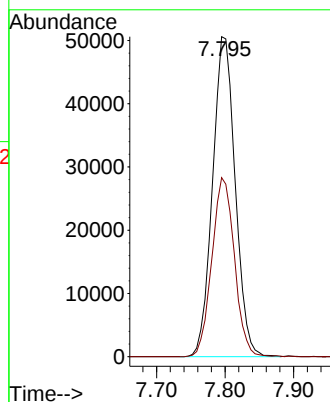
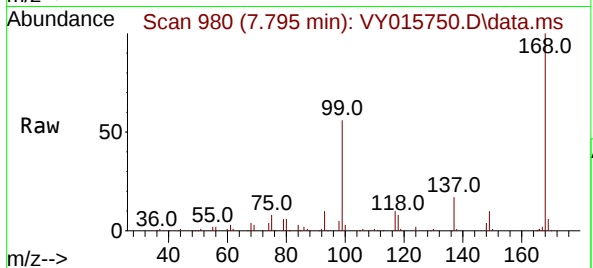




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY015750.D
Acq: 28 Sep 2023 17:54

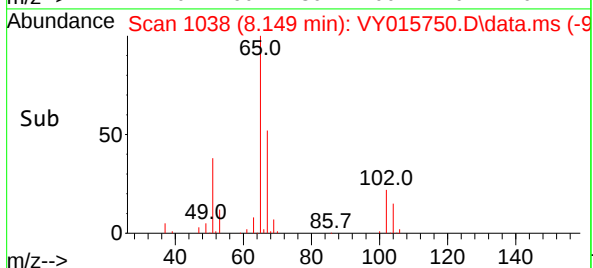
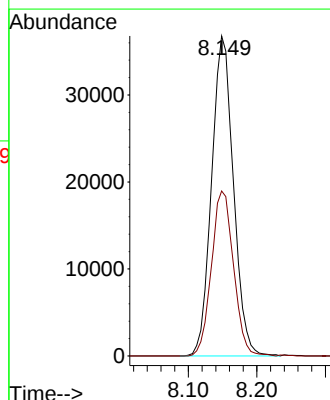
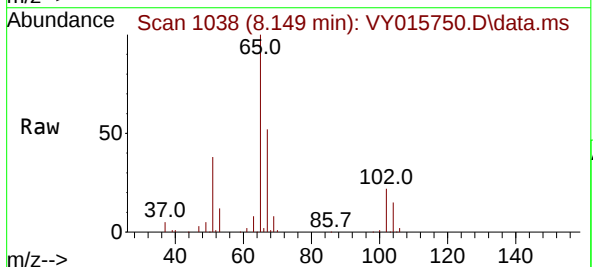
Instrument :
MSVOA_Y
ClientSampleId :
280-300FB-BACKFILL-08RE

Tgt Ion:168 Resp: 116302
Ion Ratio Lower Upper
168 100
99 55.9 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 63.537 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.013 min
Lab File: VY015750.D
Acq: 28 Sep 2023 17:54

Tgt Ion: 65 Resp: 81305
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. 0.012 min

Lab File: VY015750.D

Acq: 28 Sep 2023 17:54

Instrument :

MSVOA_Y

ClientSampleId :

280-300FB-BACKFILL-08RE

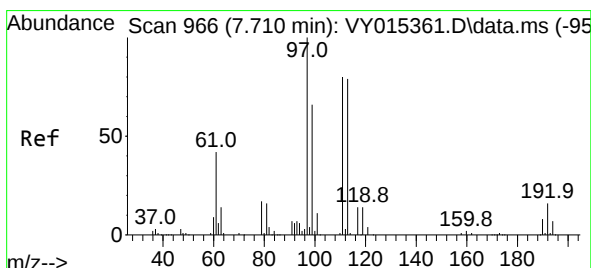
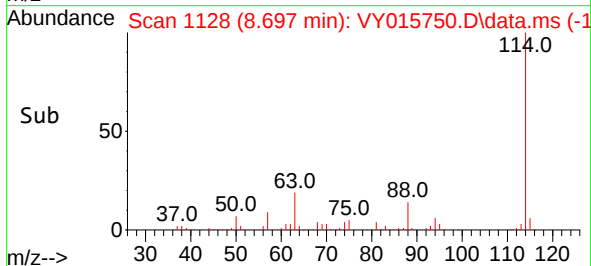
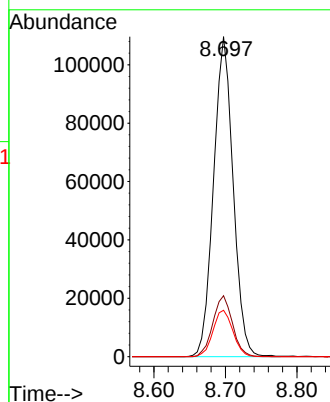
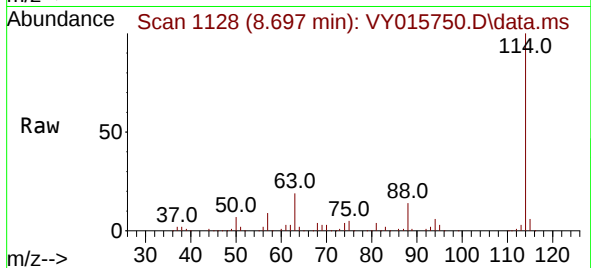
Tgt Ion:114 Resp: 208622

Ion Ratio Lower Upper

114 100

63 19.1 0.0 42.4

88 14.5 0.0 30.6



#35

Dibromofluoromethane

Concen: 55.304 ug/l

RT: 7.728 min Scan# 969

Delta R.T. 0.012 min

Lab File: VY015750.D

Acq: 28 Sep 2023 17:54

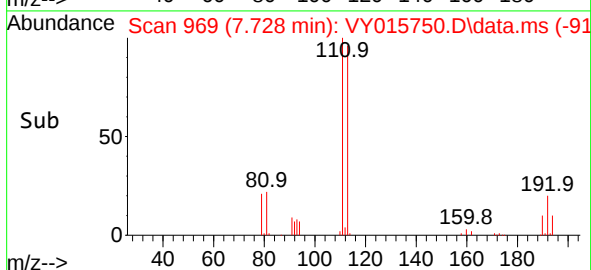
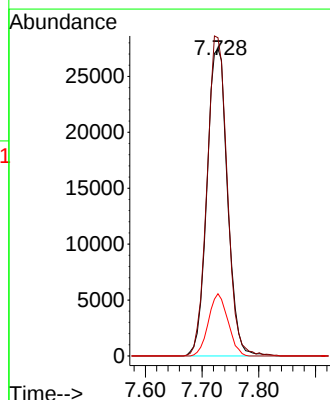
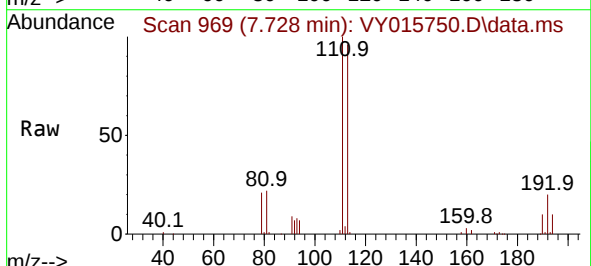
Tgt Ion:113 Resp: 69057

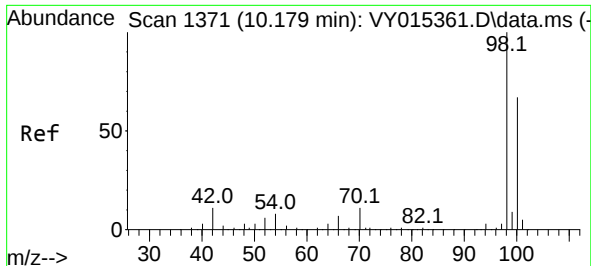
Ion Ratio Lower Upper

113 100

111 102.3 81.3 121.9

192 19.2 16.9 25.3

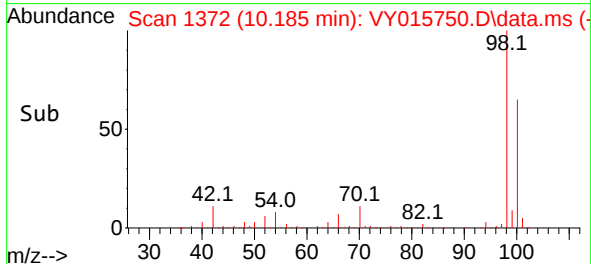
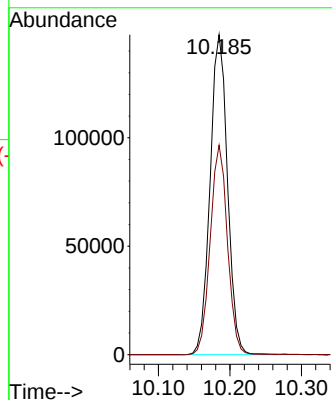
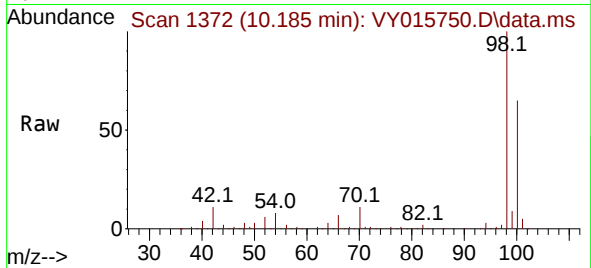




#50
Toluene-d8
Concen: 58.963 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015750.D
Acq: 28 Sep 2023 17:54

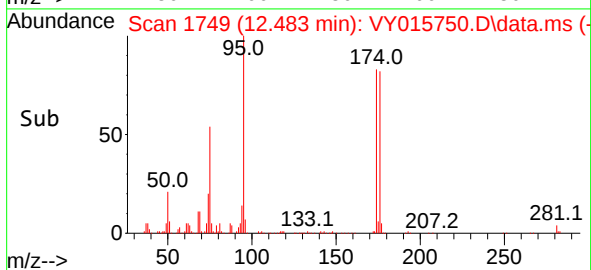
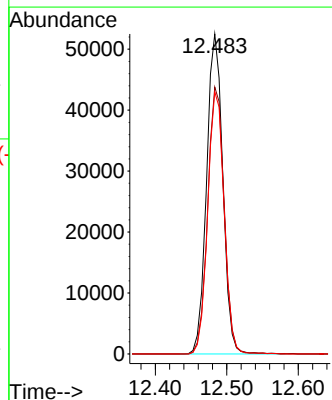
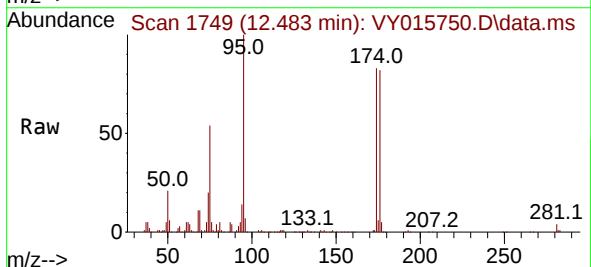
Instrument :
MSVOA_Y
ClientSampleId :
280-300FB-BACKFILL-08RE

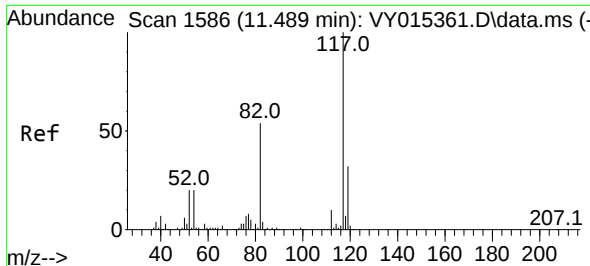
Tgt Ion: 98 Resp: 249638
Ion Ratio Lower Upper
98 100
100 64.8 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 49.701 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015750.D
Acq: 28 Sep 2023 17:54

Tgt Ion: 95 Resp: 82577
Ion Ratio Lower Upper
95 100
174 85.1 0.0 178.2
176 82.8 0.0 173.8

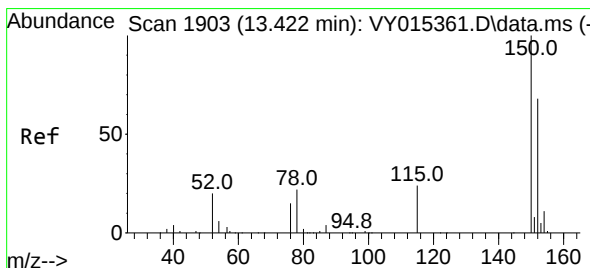
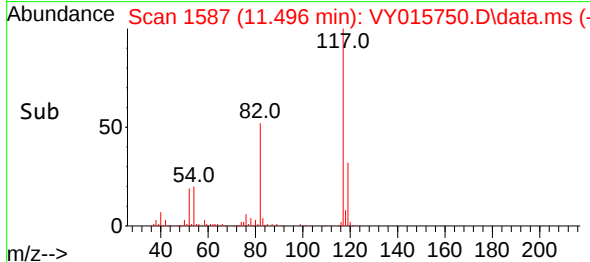
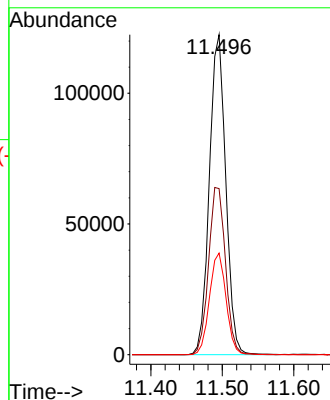
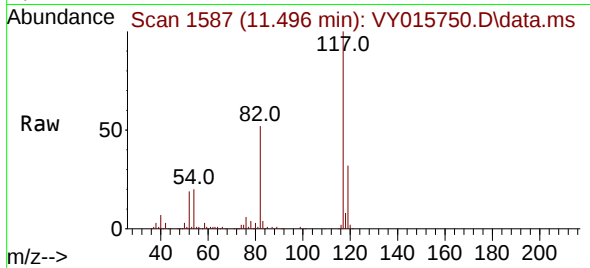




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. 0.007 min
Lab File: VY015750.D
Acq: 28 Sep 2023 17:54

Instrument :
MSVOA_Y
ClientSampleId :
280-300FB-BACKFILL-08RE

Tgt Ion:117 Resp: 194777
Ion Ratio Lower Upper
117 100
82 51.9 43.4 65.0
119 31.8 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: VY015750.D
Acq: 28 Sep 2023 17:54

Tgt Ion:152 Resp: 88948
Ion Ratio Lower Upper
152 100
115 58.0 28.8 86.5
150 156.4 0.0 348.8

