

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092723\
 Data File : VY015729.D
 Acq On : 27 Sep 2023 17:07
 Operator : SY/MD
 Sample : 04627-07
 Misc : 4.55g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 280-300FB-BACKFILL-04

Quant Time: Sep 28 00:47:46 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	129177	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.697	114	226201	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.495	117	211010	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	99512	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	89201	62.760	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	125.520%
35) Dibromofluoromethane	7.722	113	74114	54.741	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.480%
50) Toluene-d8	10.185	98	270523	58.930	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	117.860%
62) 4-Bromofluorobenzene	12.483	95	91588	50.840	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	101.680%

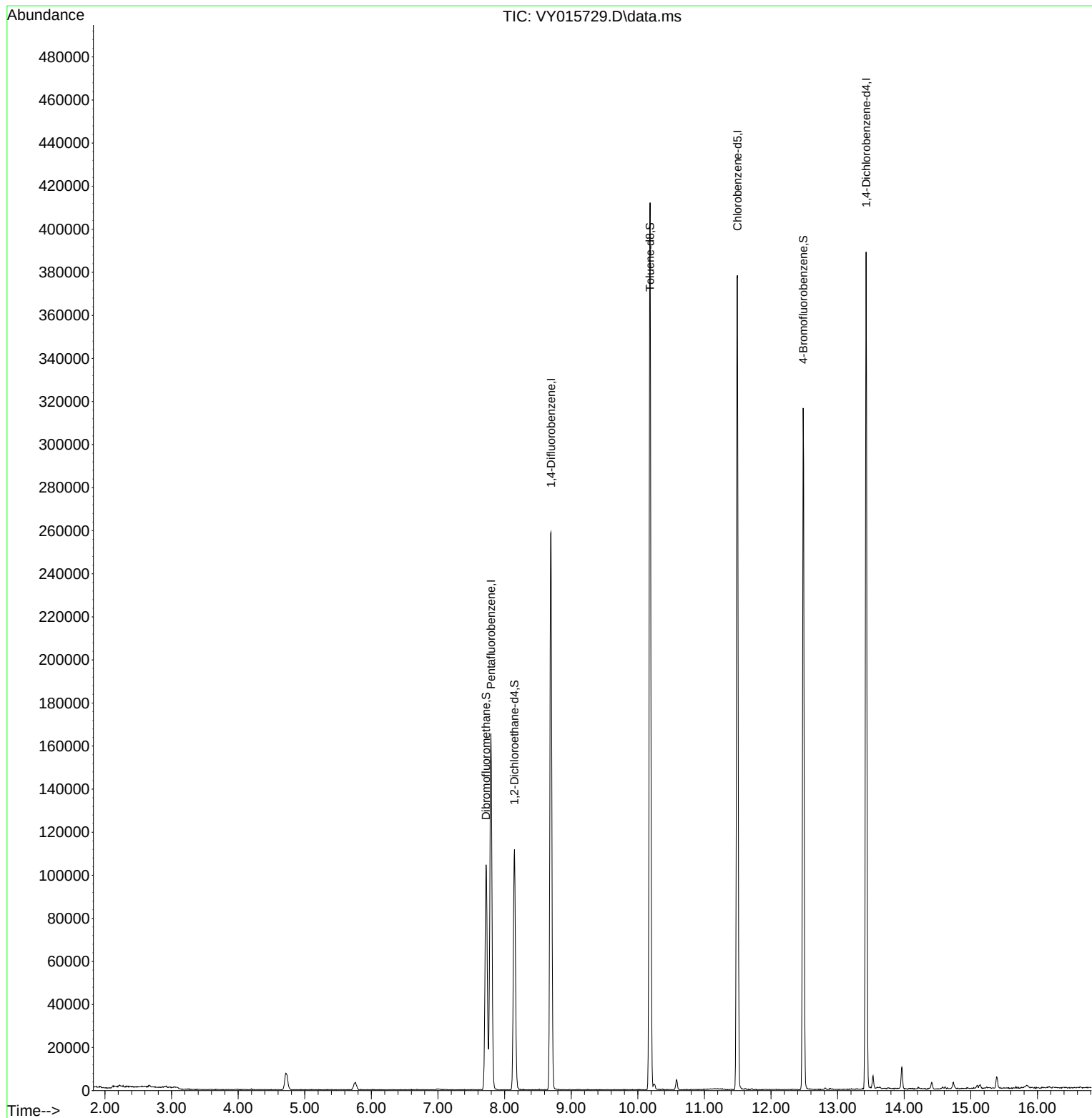
Target Compounds	Qvalue

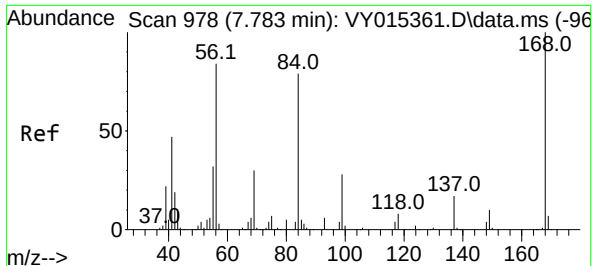
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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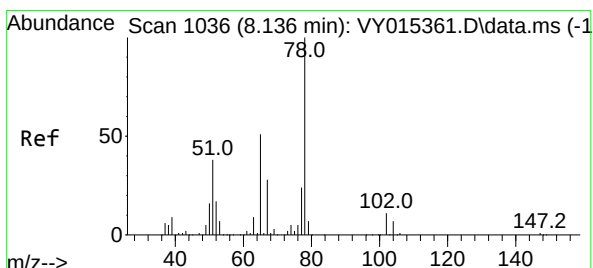
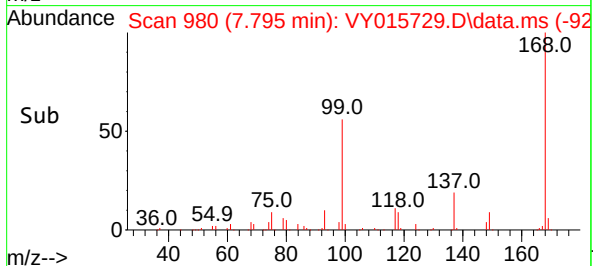
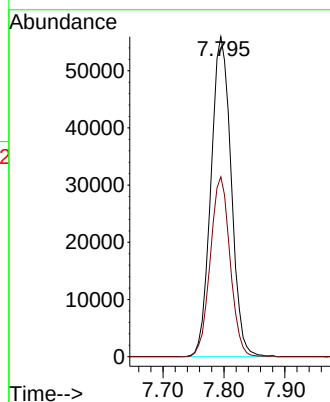
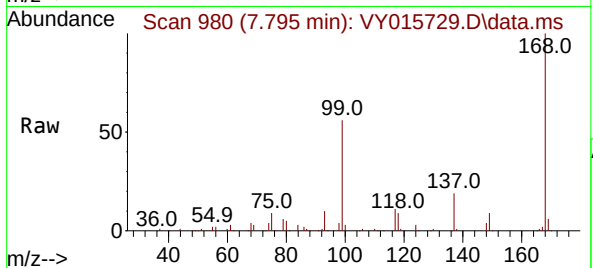




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY015729.D
Acq: 27 Sep 2023 17:07

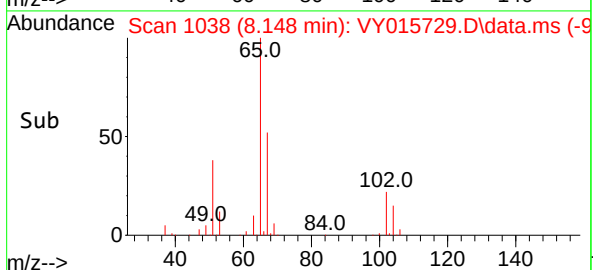
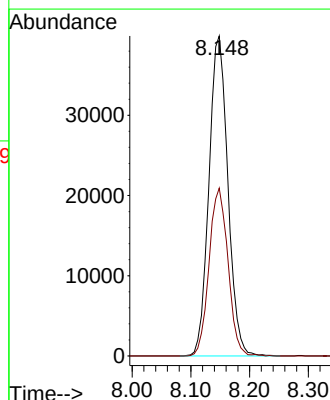
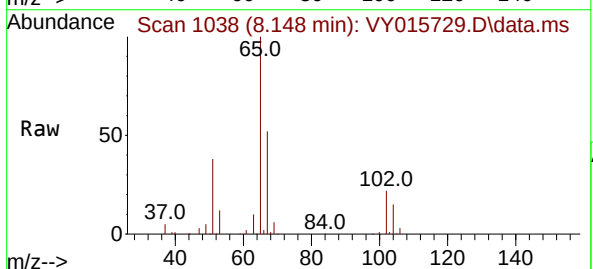
Instrument :
MSVOA_Y
ClientSampleId :
280-300FB-BACKFILL-04

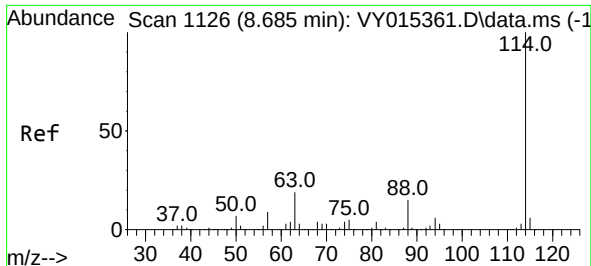
Tgt Ion:168 Resp: 129177
Ion Ratio Lower Upper
168 100
99 56.2 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 62.760 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. 0.012 min
Lab File: VY015729.D
Acq: 27 Sep 2023 17:07

Tgt Ion: 65 Resp: 89201
Ion Ratio Lower Upper
65 100
67 52.4 0.0 101.8

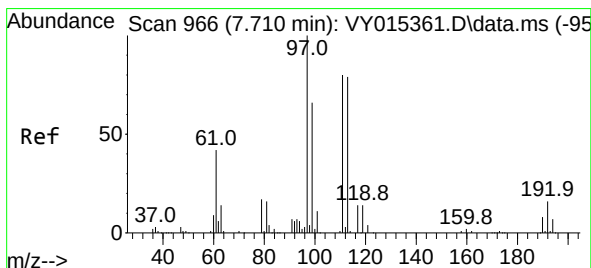
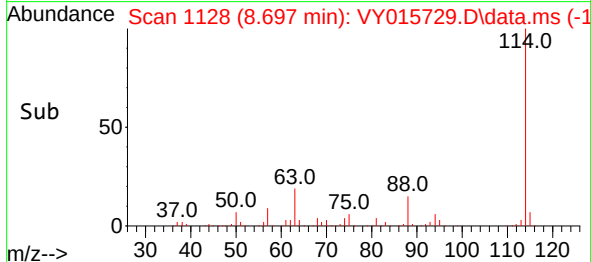
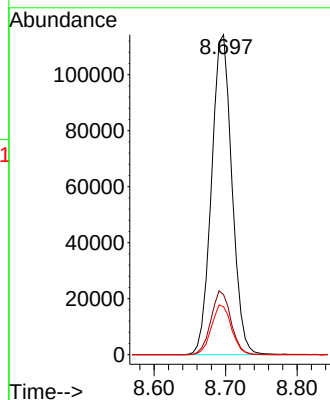
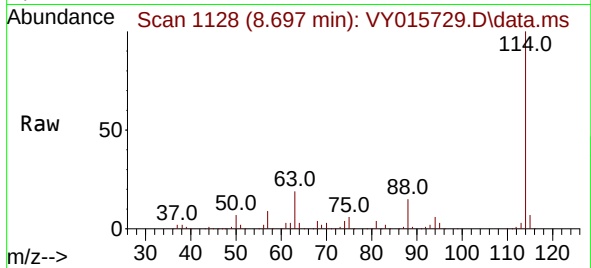




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.012 min
Lab File: VY015729.D
Acq: 27 Sep 2023 17:07

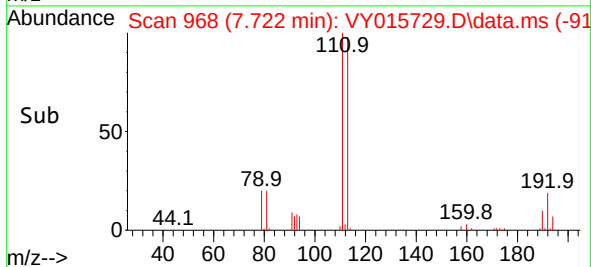
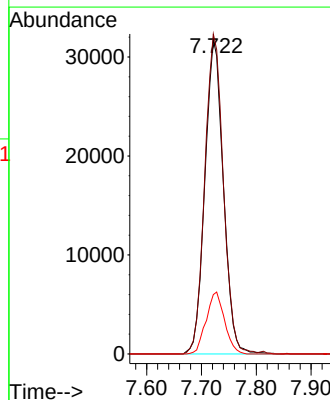
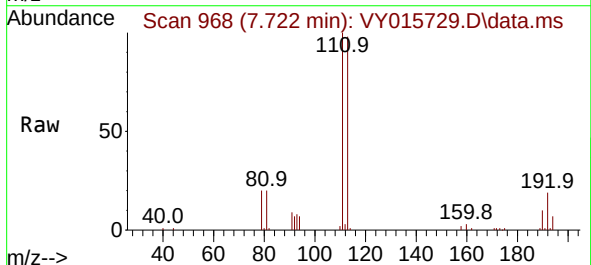
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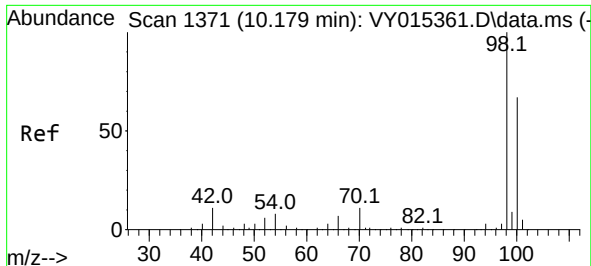
Tgt Ion:114 Resp: 226201
Ion Ratio Lower Upper
114 100
63 18.8 0.0 42.4
88 15.0 0.0 30.6



#35
Dibromofluoromethane
Concen: 54.741 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY015729.D
Acq: 27 Sep 2023 17:07

Tgt Ion:113 Resp: 74114
Ion Ratio Lower Upper
113 100
111 102.3 81.3 121.9
192 19.6 16.9 25.3

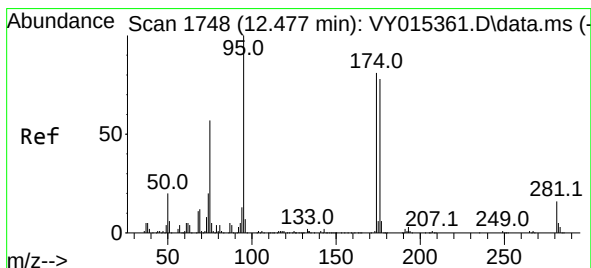
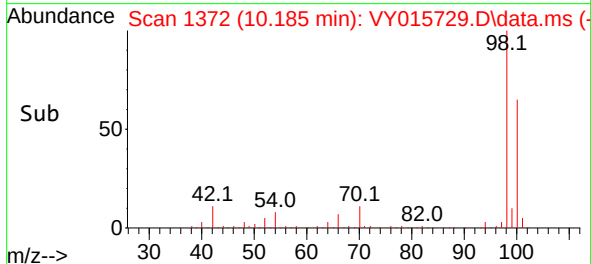
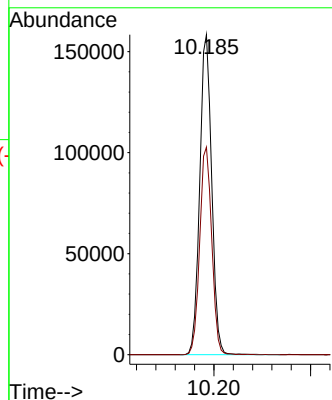
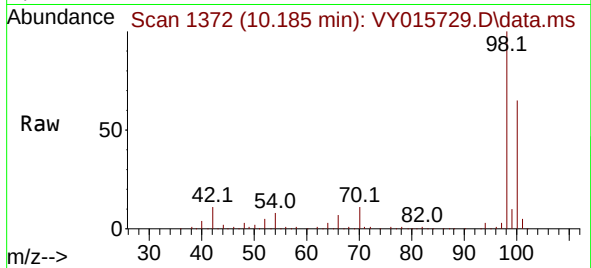




#50
Toluene-d8
Concen: 58.930 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015729.D
Acq: 27 Sep 2023 17:07

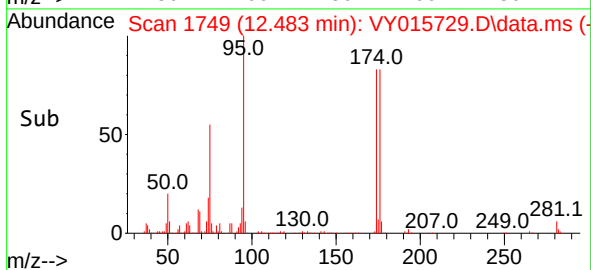
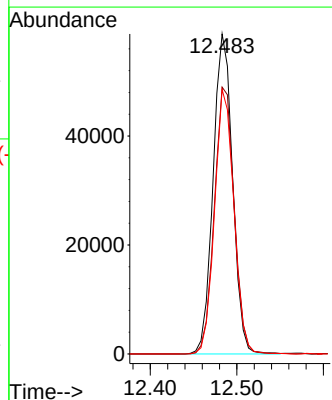
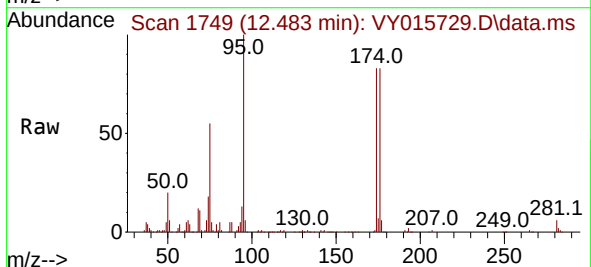
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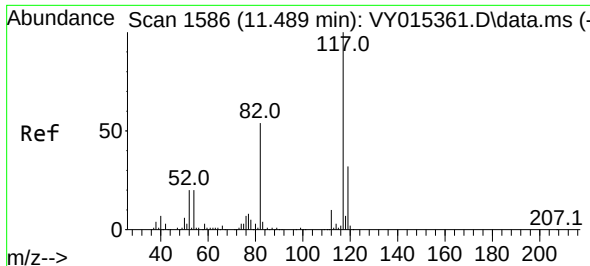
Tgt Ion: 98 Resp: 270523
Ion Ratio Lower Upper
98 100
100 65.5 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 50.840 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015729.D
Acq: 27 Sep 2023 17:07

Tgt Ion: 95 Resp: 91588
Ion Ratio Lower Upper
95 100
174 85.4 0.0 178.2
176 82.1 0.0 173.8

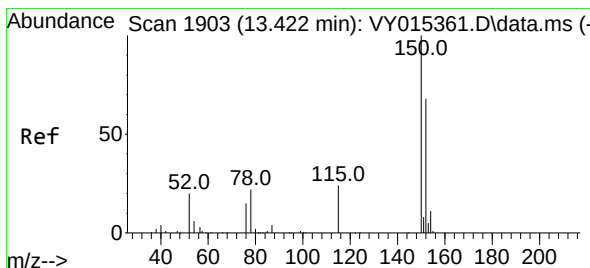
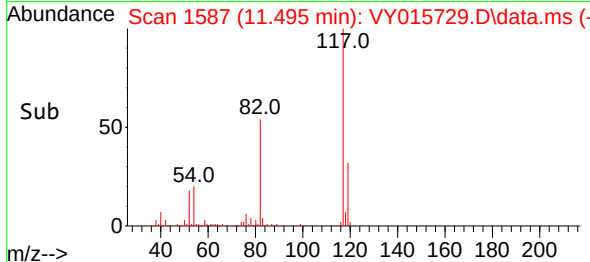
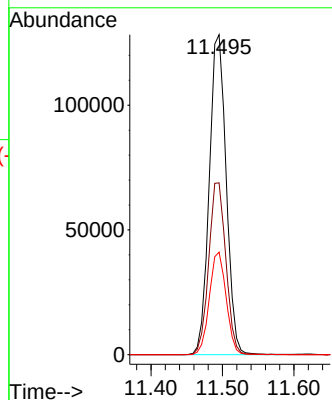
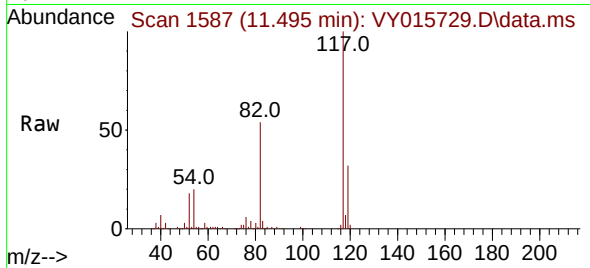




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015729.D
Acq: 27 Sep 2023 17:07

Instrument :
MSVOA_Y
ClientSampleId :
280-300FB-BACKFILL-04

Tgt Ion:117 Resp: 211010
Ion Ratio Lower Upper
117 100
82 53.7 43.4 65.0
119 32.1 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: VY015729.D
Acq: 27 Sep 2023 17:07

Tgt Ion:152 Resp: 99512
Ion Ratio Lower Upper
152 100
115 56.7 28.8 86.5
150 155.9 0.0 348.8

