

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092823\
 Data File : VY015749.D
 Acq On : 28 Sep 2023 17:31
 Operator : SY/MD
 Sample : 04627-11RE
 Misc : 3.80g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 280-300FB-BACKFILL-06RE

Quant Time: Sep 29 01:27:10 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	115839	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.697	114	209727	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.496	117	194884	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	85994	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	79064	62.033	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	124.060%
35) Dibromofluoromethane	7.728	113	68416	54.502	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.000%
50) Toluene-d8	10.185	98	249142	58.536	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	117.080%
62) 4-Bromofluorobenzene	12.483	95	79962	47.873	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	95.740%

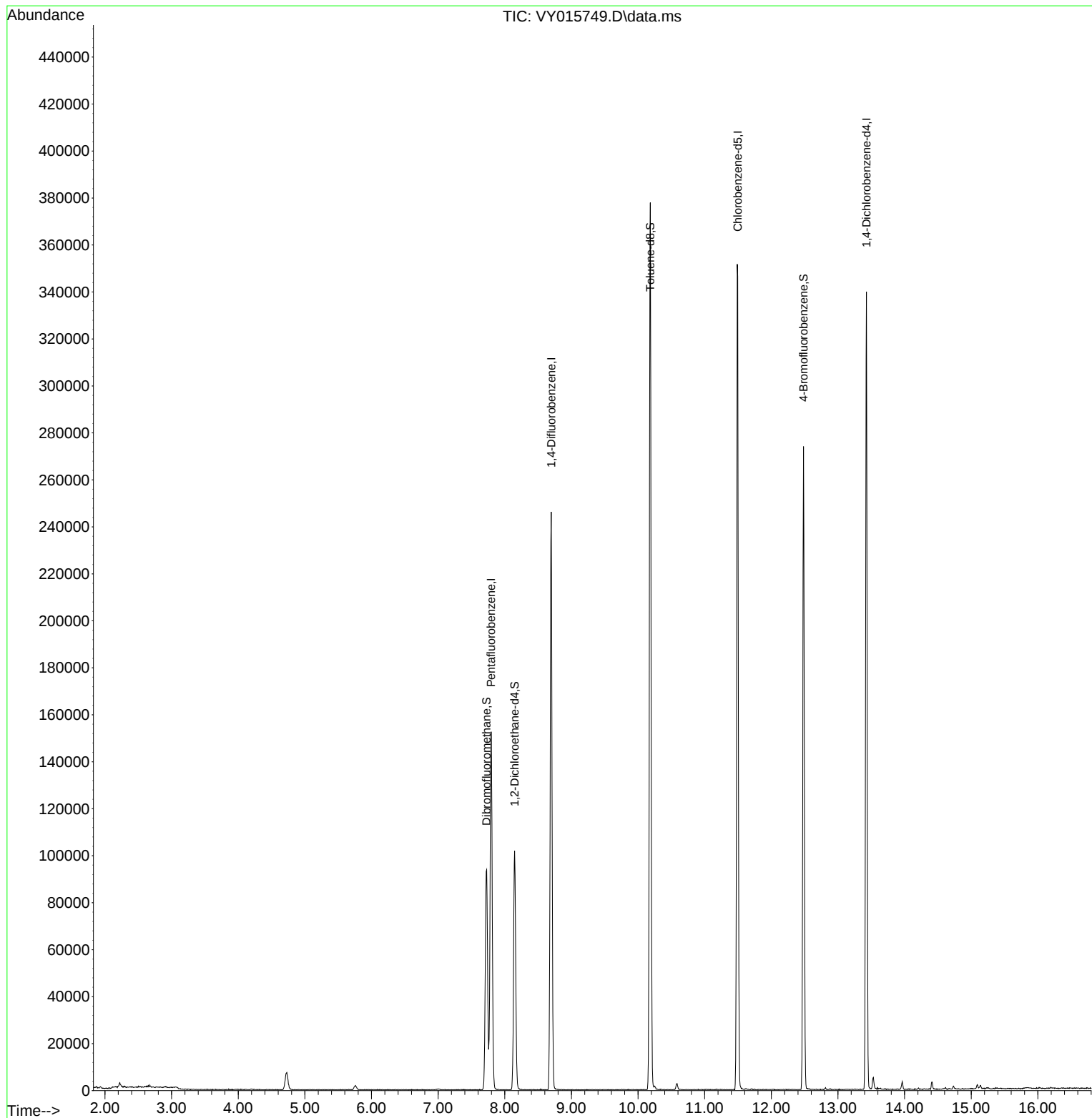
Target Compounds	Qvalue

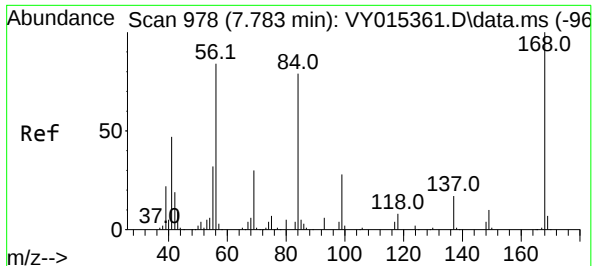
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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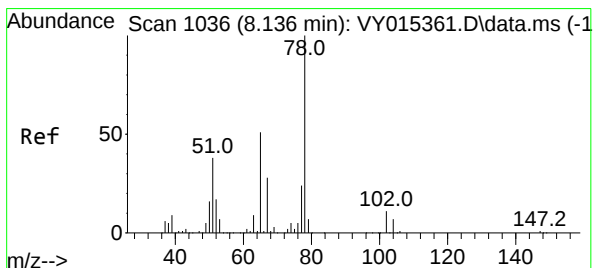
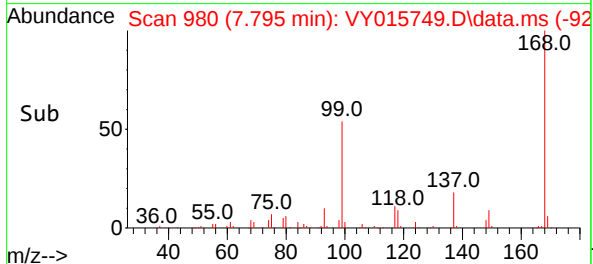
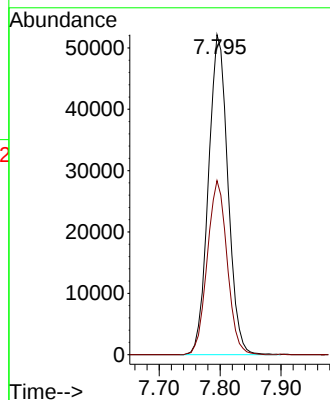
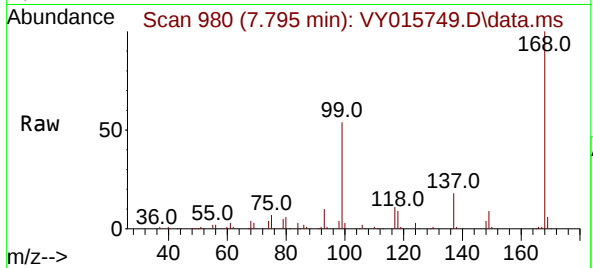




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY015749.D
Acq: 28 Sep 2023 17:31

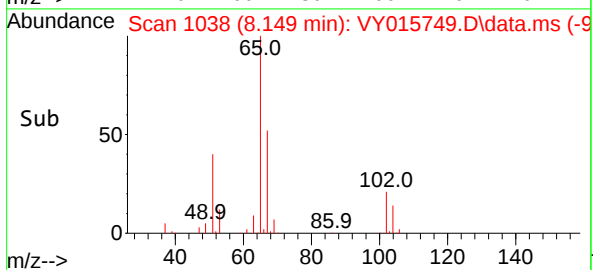
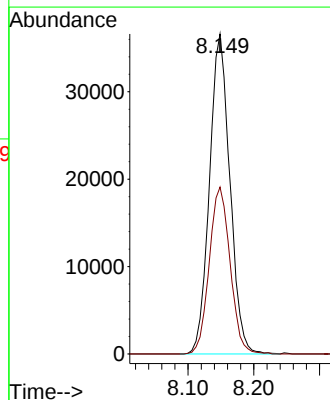
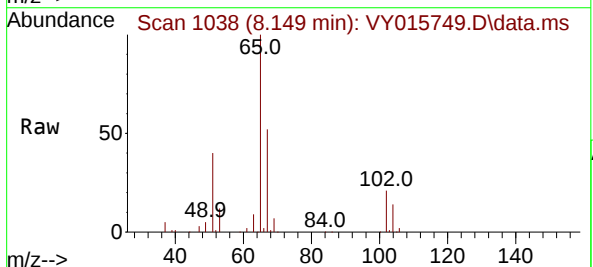
Instrument :
MSVOA_Y
ClientSampleId :
280-300FB-BACKFILL-06RE

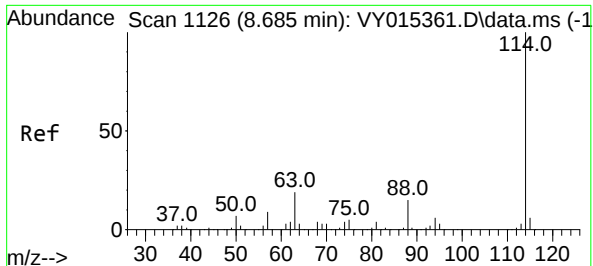
Tgt Ion:168 Resp: 115839
Ion Ratio Lower Upper
168 100
99 54.4 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 62.033 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.013 min
Lab File: VY015749.D
Acq: 28 Sep 2023 17:31

Tgt Ion: 65 Resp: 79064
Ion Ratio Lower Upper
65 100
67 53.3 0.0 101.8

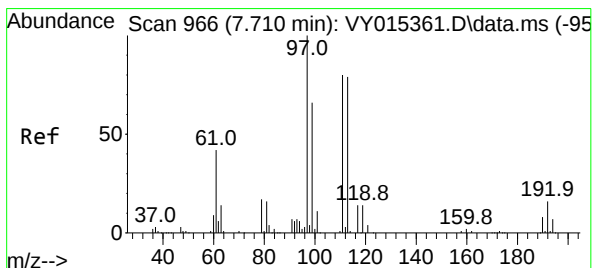
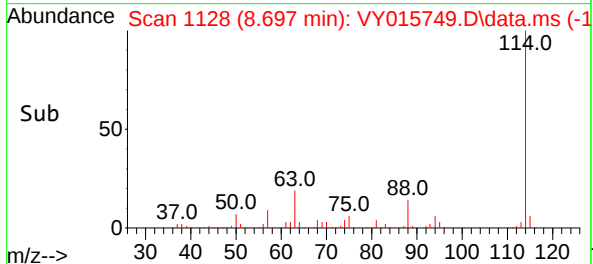
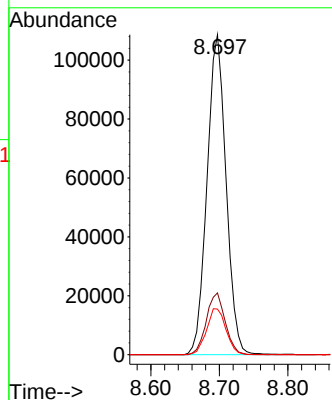
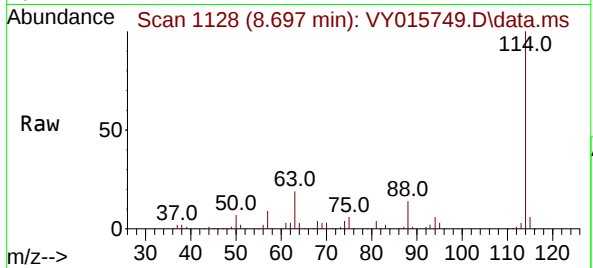




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.012 min
Lab File: VY015749.D
Acq: 28 Sep 2023 17:31

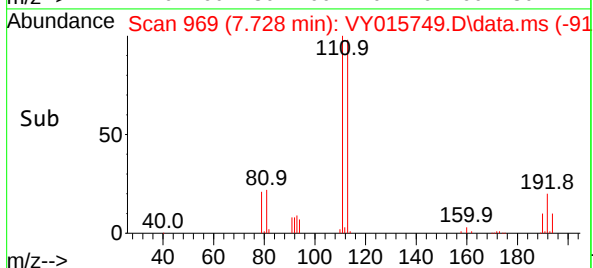
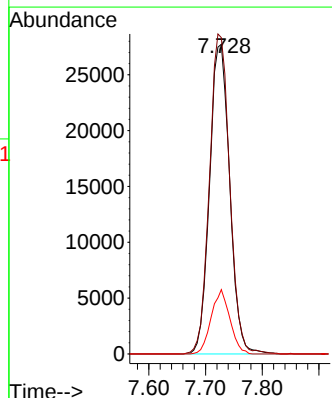
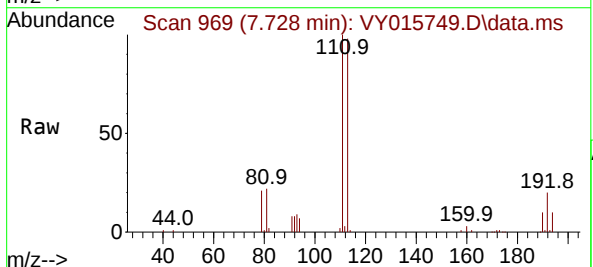
Instrument :
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ClientSampleId :
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Tgt Ion:114 Resp: 209727
Ion Ratio Lower Upper
114 100
63 19.3 0.0 42.4
88 14.2 0.0 30.6



#35
Dibromofluoromethane
Concen: 54.502 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.012 min
Lab File: VY015749.D
Acq: 28 Sep 2023 17:31

Tgt Ion:113 Resp: 68416
Ion Ratio Lower Upper
113 100
111 103.7 81.3 121.9
192 19.2 16.9 25.3

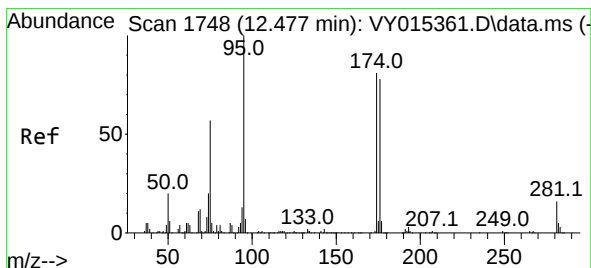
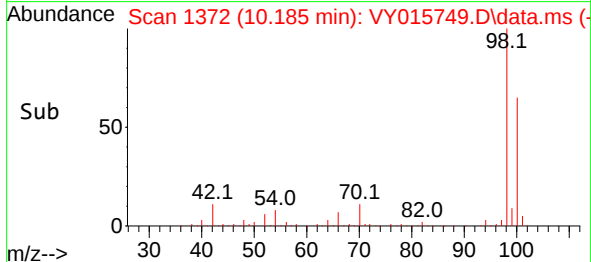
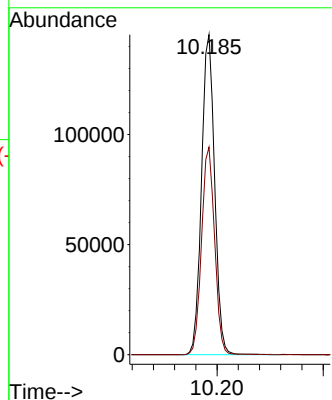
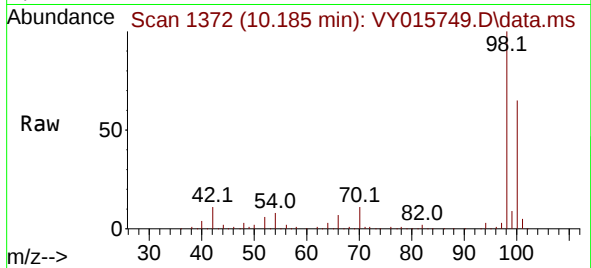




#50
Toluene-d8
Concen: 58.536 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015749.D
Acq: 28 Sep 2023 17:31

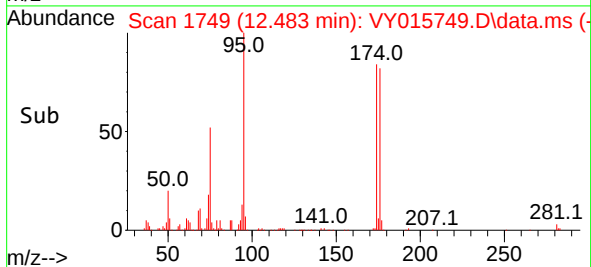
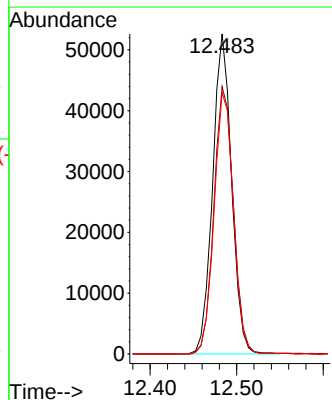
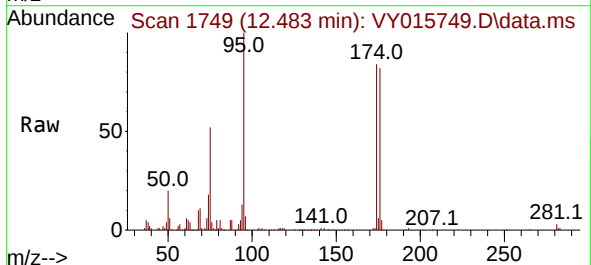
Instrument :
MSVOA_Y
ClientSampleId :
280-300FB-BACKFILL-06RE

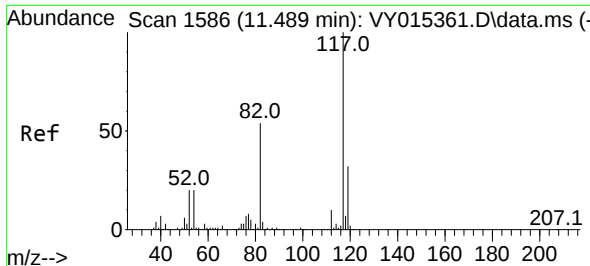
Tgt Ion: 98 Resp: 249142
Ion Ratio Lower Upper
98 100
100 64.8 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 47.873 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015749.D
Acq: 28 Sep 2023 17:31

Tgt Ion: 95 Resp: 79962
Ion Ratio Lower Upper
95 100
174 86.2 0.0 178.2
176 83.4 0.0 173.8

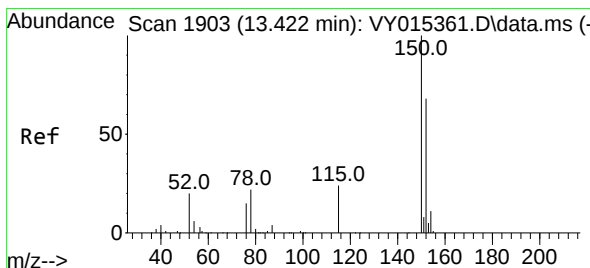
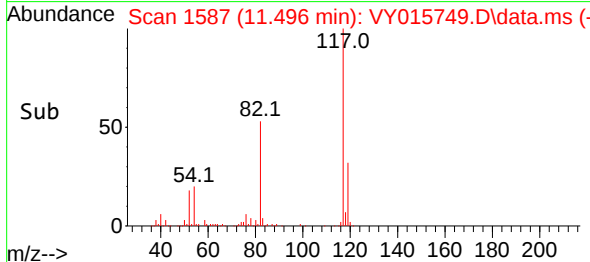
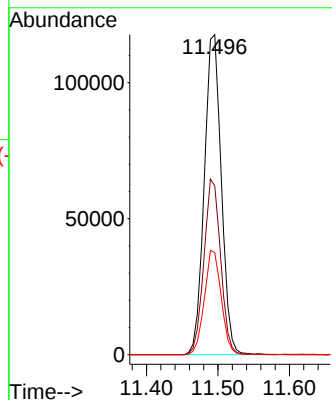
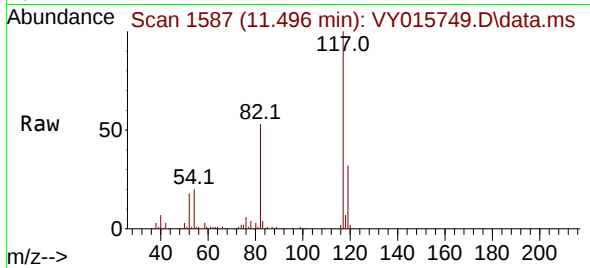




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015749.D
Acq: 28 Sep 2023 17:31

Instrument :
MSVOA_Y
ClientSampleId :
280-300FB-BACKFILL-06RE

Tgt Ion:117 Resp: 194884
Ion Ratio Lower Upper
117 100
82 52.7 43.4 65.0
119 31.9 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: VY015749.D
Acq: 28 Sep 2023 17:31

Tgt Ion:152 Resp: 85994
Ion Ratio Lower Upper
152 100
115 57.7 28.8 86.5
150 156.4 0.0 348.8

