

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081523\
 Data File : VY015124.D
 Acq On : 16 Aug 2023 00:08
 Operator : SY/MD
 Sample : 03956-02
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-PP23A

Quant Time: Aug 16 04:25:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 14 12:43:26 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	17586	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.691	114	27258	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	22377	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	7487	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	7778	36.844	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	73.680%
35) Dibromofluoromethane	7.722	113	7065	40.289	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	80.580%
50) Toluene-d8	10.185	98	31083	47.616	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.240%
62) 4-Bromofluorobenzene	12.483	95	7790	32.672	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	65.340%

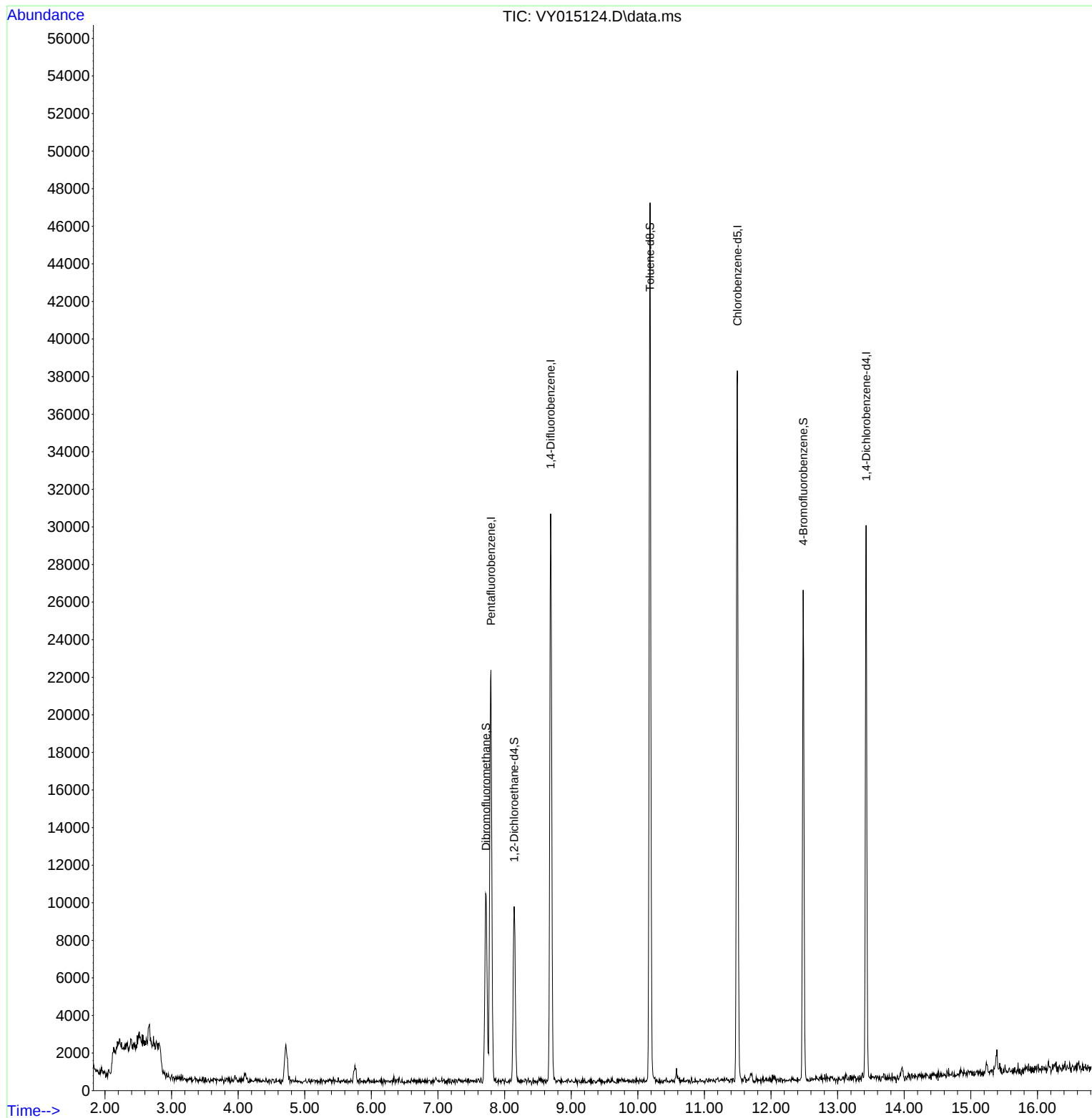
Target Compounds	Qvalue

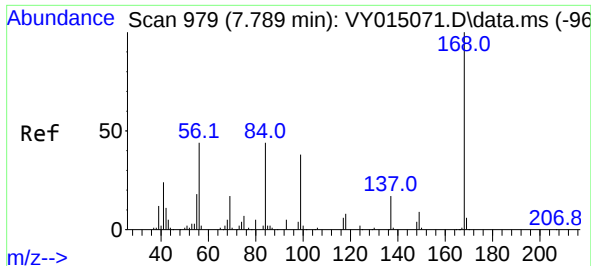
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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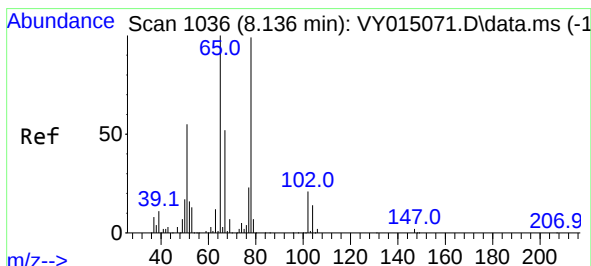
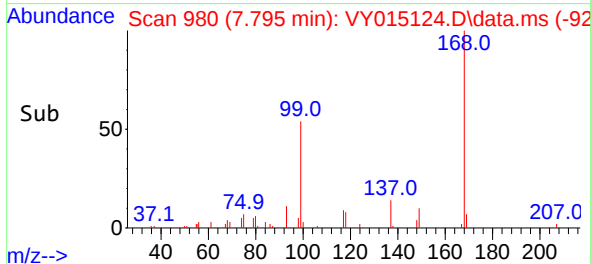
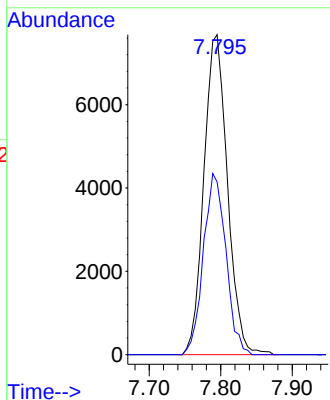
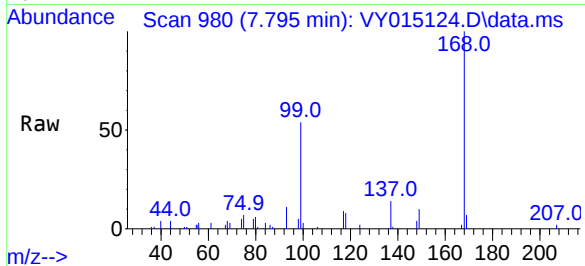




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY015124.D
Acq: 16 Aug 2023 00:08

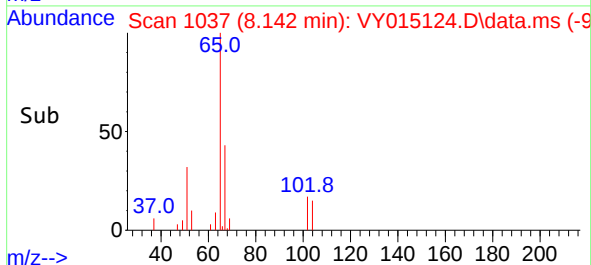
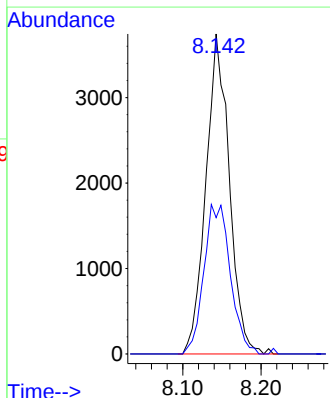
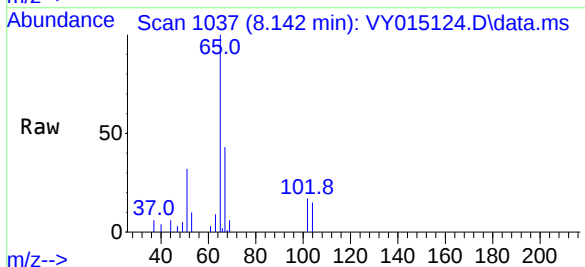
Instrument :
MSVOA_Y
ClientSampleId :
B-PP23A

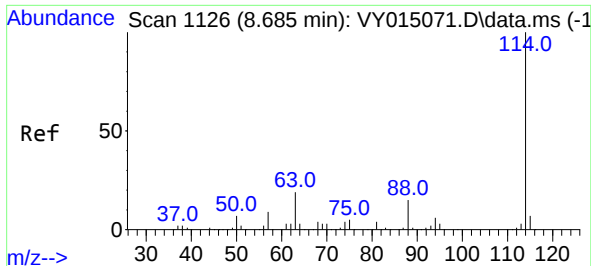
Tgt Ion:168 Resp: 17586
Ion Ratio Lower Upper
168 100
99 54.0 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 36.844 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY015124.D
Acq: 16 Aug 2023 00:08

Tgt Ion: 65 Resp: 7778
Ion Ratio Lower Upper
65 100
67 52.8 0.0 101.8

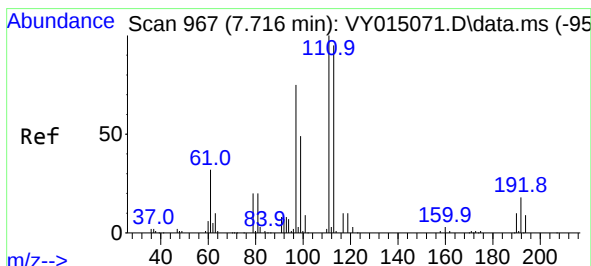
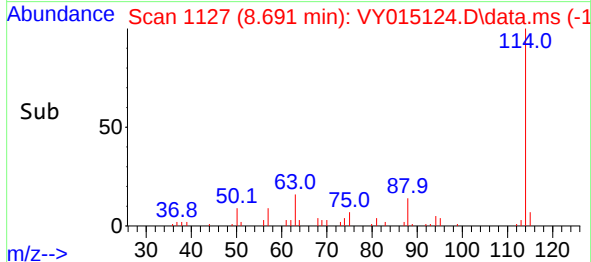
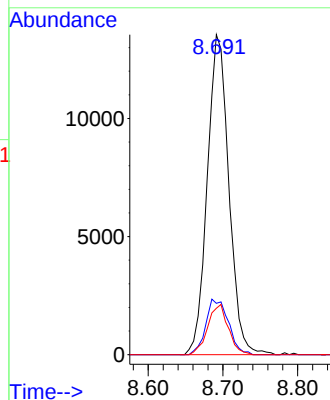
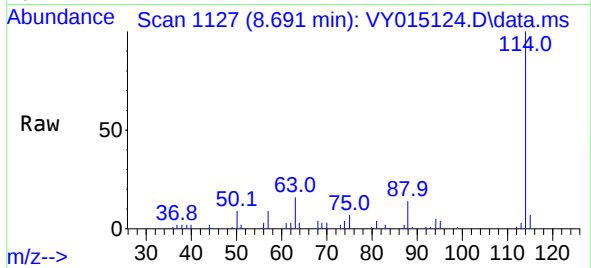




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VY015124.D
Acq: 16 Aug 2023 00:08

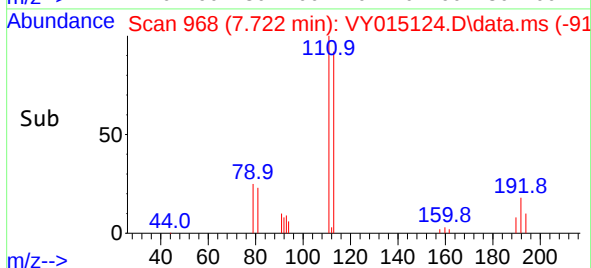
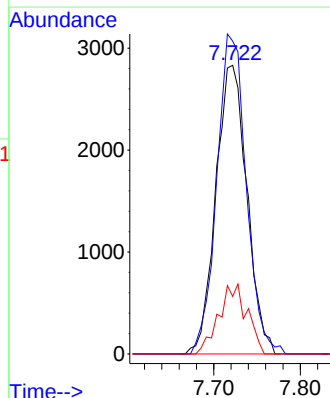
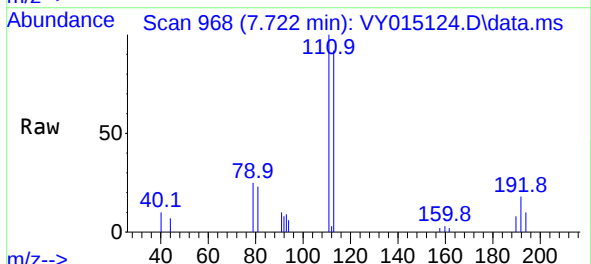
Instrument :
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ClientSampleId :
B-PP23A

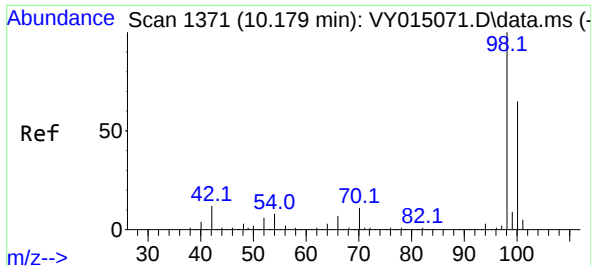
Tgt Ion:114 Resp: 27258
Ion Ratio Lower Upper
114 100
63 16.1 0.0 42.4
88 14.5 0.0 30.6



#35
Dibromofluoromethane
Concen: 40.289 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY015124.D
Acq: 16 Aug 2023 00:08

Tgt Ion:113 Resp: 7065
Ion Ratio Lower Upper
113 100
111 104.8 81.3 121.9
192 21.9 16.9 25.3

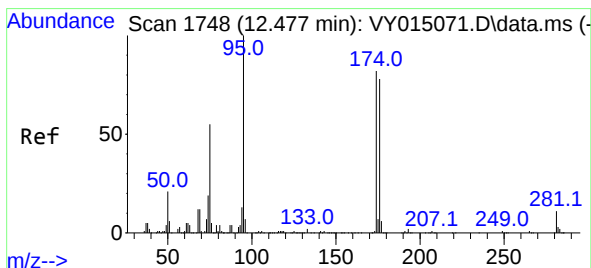
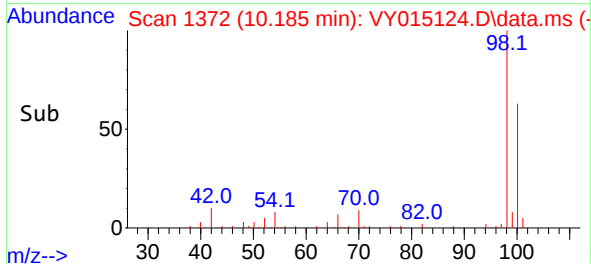
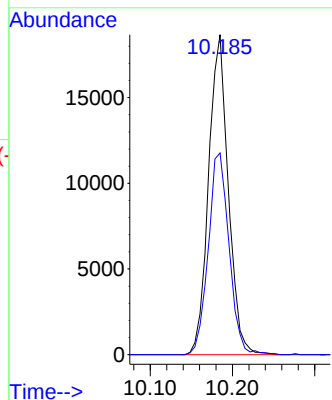
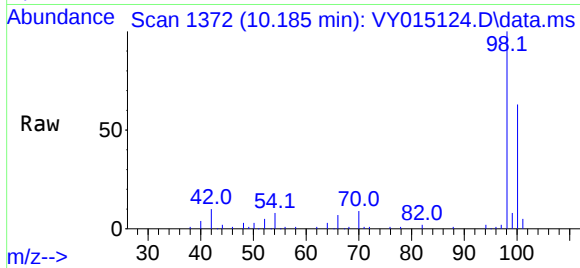




#50
Toluene-d8
Concen: 47.616 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015124.D
Acq: 16 Aug 2023 00:08

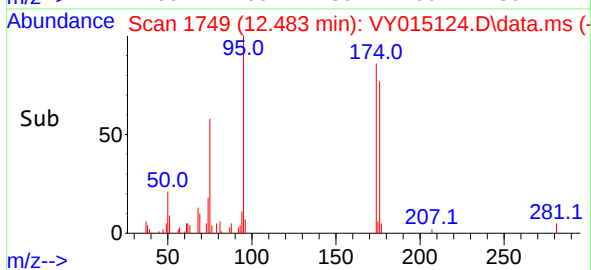
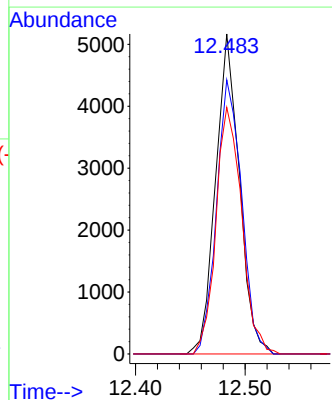
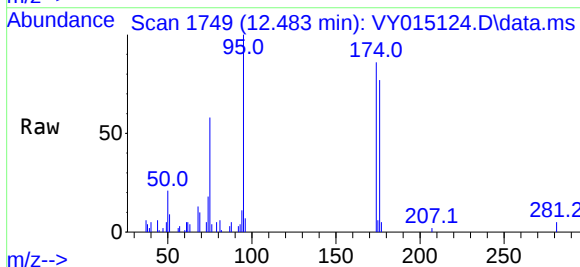
Instrument :
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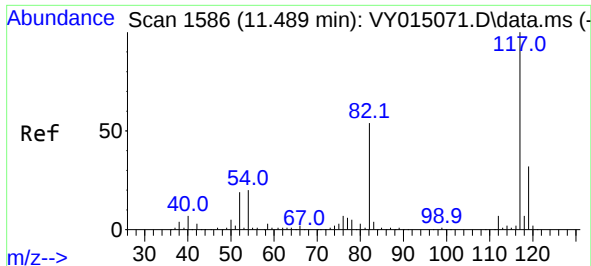
Tgt Ion: 98 Resp: 31083
Ion Ratio Lower Upper
98 100
100 66.6 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 32.672 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015124.D
Acq: 16 Aug 2023 00:08

Tgt Ion: 95 Resp: 7790
Ion Ratio Lower Upper
95 100
174 90.4 0.0 178.2
176 83.4 0.0 173.8

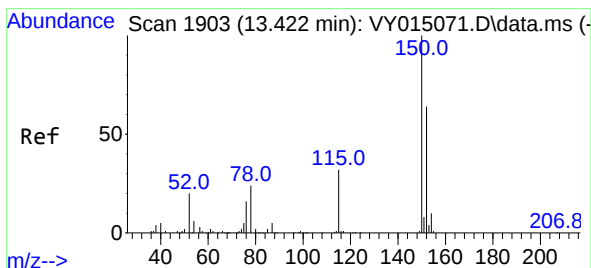
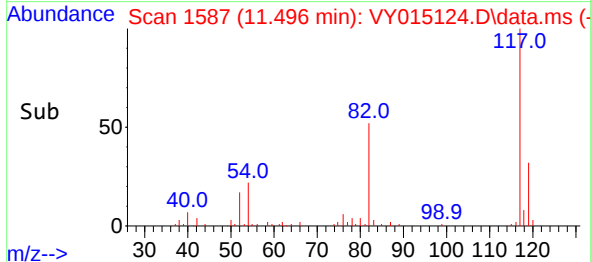
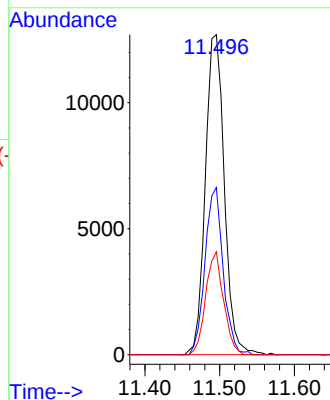
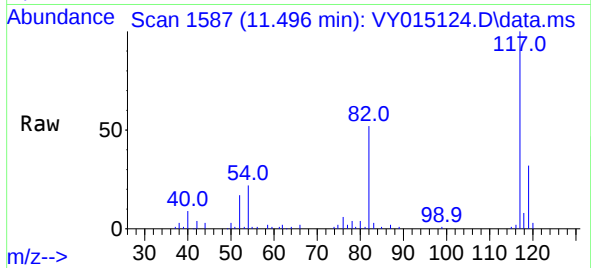




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015124.D
Acq: 16 Aug 2023 00:08

Instrument :
MSVOA_Y
ClientSampleId :
B-PP23A

Tgt Ion:117 Resp: 22377
Ion Ratio Lower Upper
117 100
82 52.3 43.4 65.0
119 32.2 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: VY015124.D
Acq: 16 Aug 2023 00:08

Tgt Ion:152 Resp: 7487
Ion Ratio Lower Upper
152 100
115 60.1 28.8 86.5
150 156.8 0.0 348.8

