

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082223\
 Data File : VY015239.D
 Acq On : 22 Aug 2023 13:06
 Operator : SY/MD
 Sample : 04086-02RE
 Misc : 4.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-PP06BRE

Quant Time: Aug 22 14:27:50 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	7.789	168	94687	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	152324	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	138154	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	63569	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	58623	51.576	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	103.160%
35) Dibromofluoromethane	7.716	113	48279	49.267	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.540%
50) Toluene-d8	10.179	98	180538	49.490	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.980%
62) 4-Bromofluorobenzene	12.483	95	57151	42.893	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	85.780%

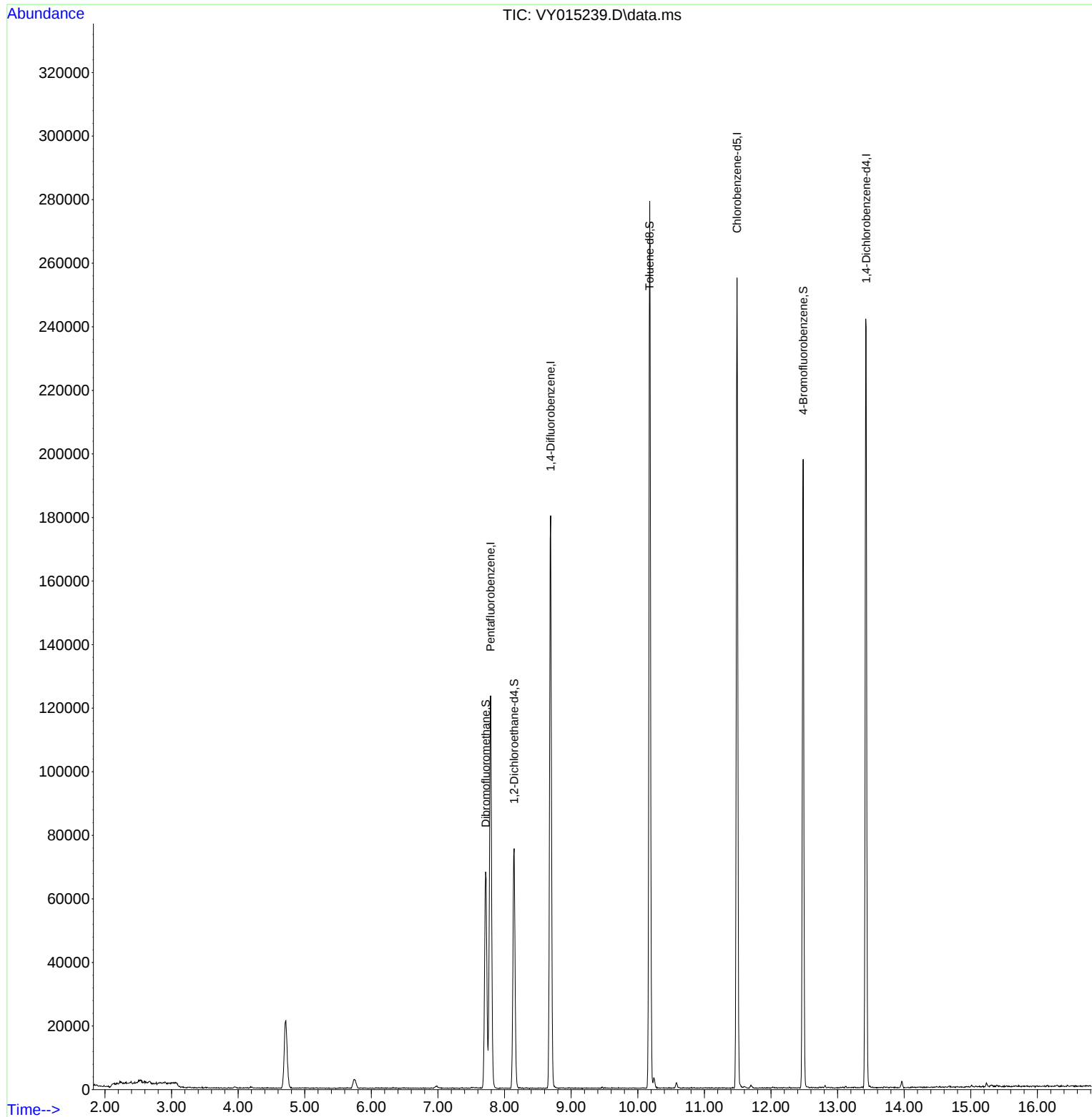
Target Compounds	Qvalue

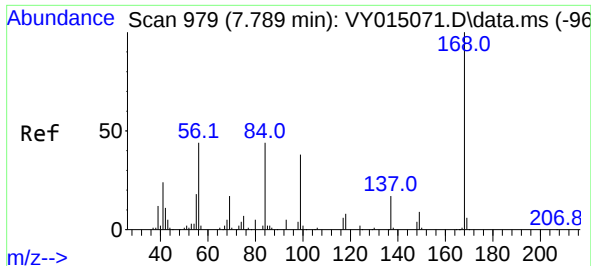
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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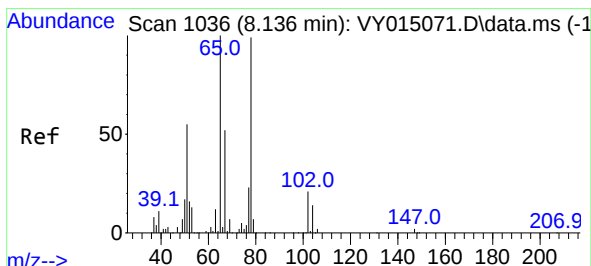
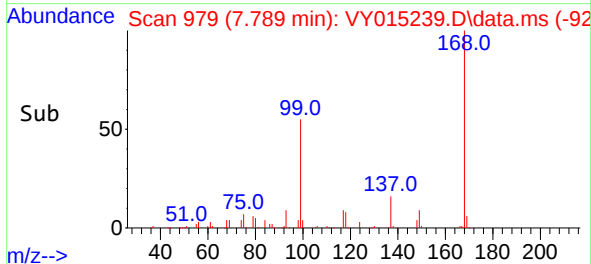
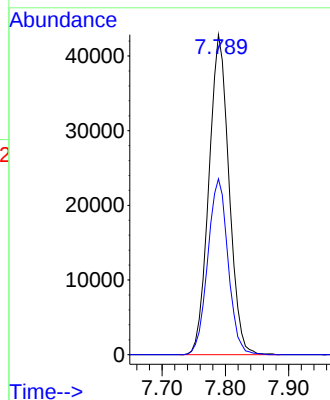
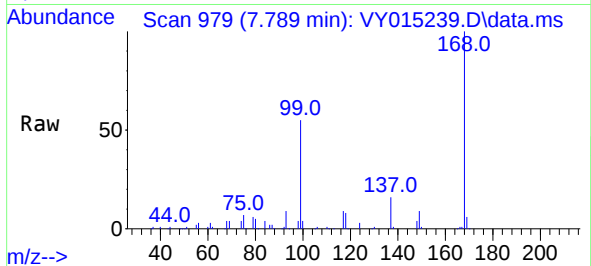




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015239.D
Acq: 22 Aug 2023 13:06

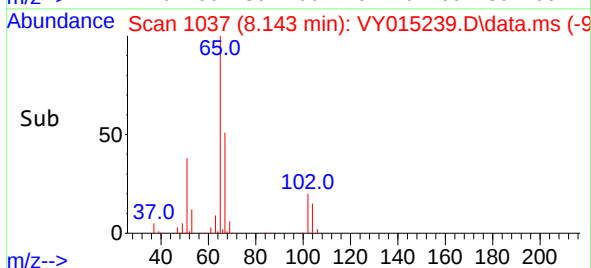
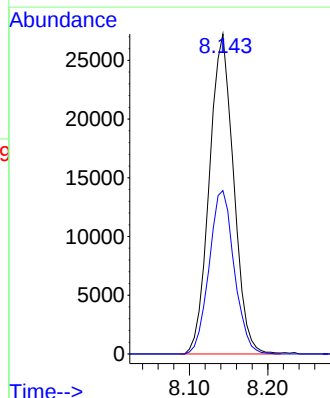
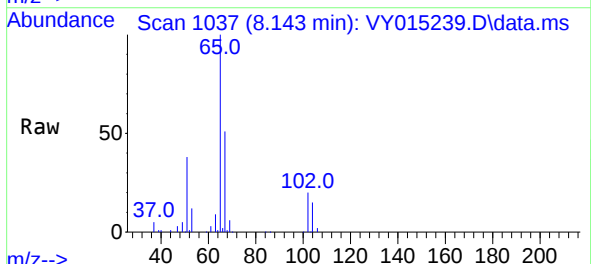
Instrument :
MSVOA_Y
ClientSampleId :
B-PP06BRE

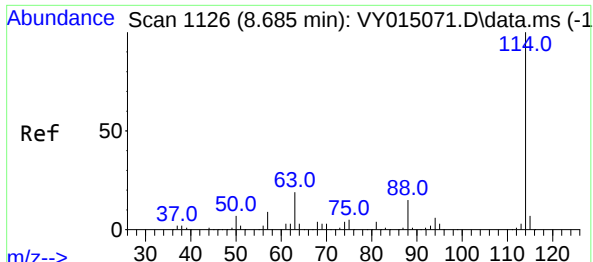
Tgt Ion:168 Resp: 94687
Ion Ratio Lower Upper
168 100
99 55.0 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 51.576 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY015239.D
Acq: 22 Aug 2023 13:06

Tgt Ion: 65 Resp: 58623
Ion Ratio Lower Upper
65 100
67 52.6 0.0 101.8

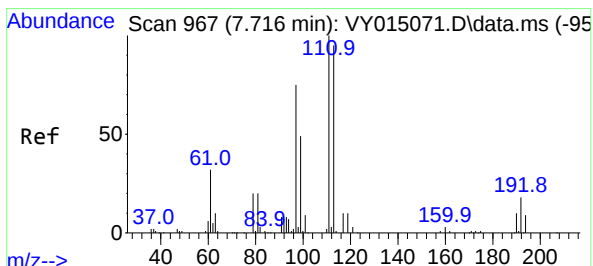
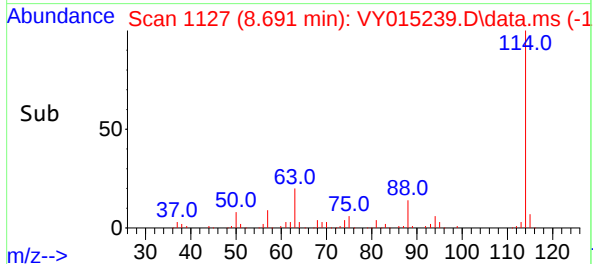
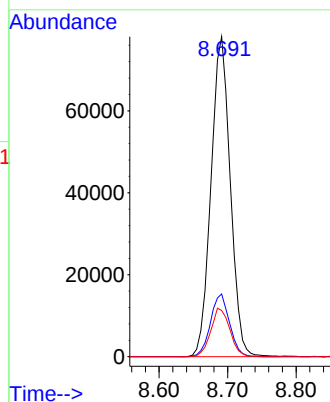
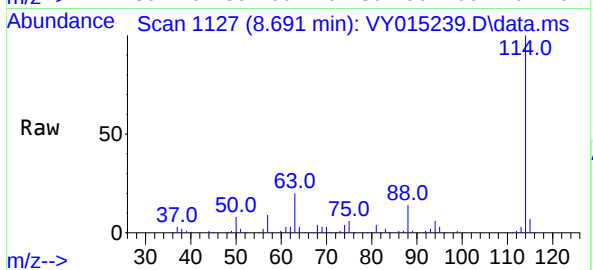




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VY015239.D
Acq: 22 Aug 2023 13:06

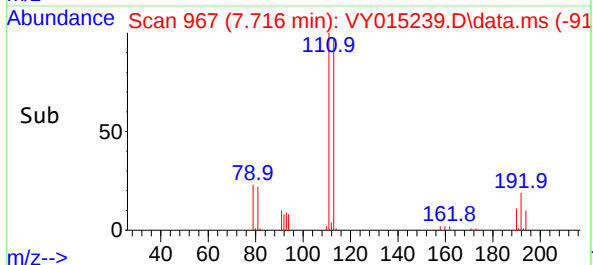
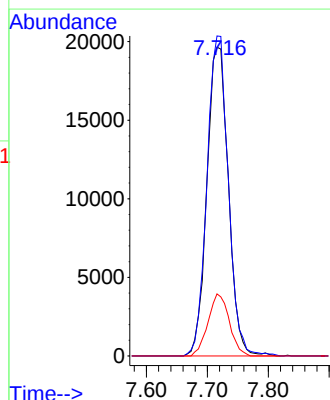
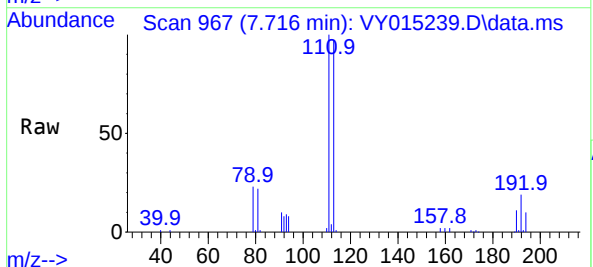
Instrument :
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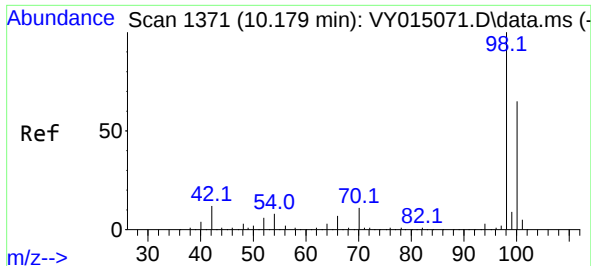
Tgt Ion:114 Resp: 152324
Ion Ratio Lower Upper
114 100
63 19.6 0.0 42.4
88 14.5 0.0 30.6



#35
Dibromofluoromethane
Concen: 49.267 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY015239.D
Acq: 22 Aug 2023 13:06

Tgt Ion:113 Resp: 48279
Ion Ratio Lower Upper
113 100
111 102.6 81.3 121.9
192 19.8 16.9 25.3

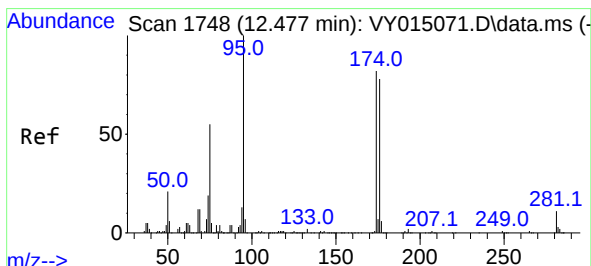
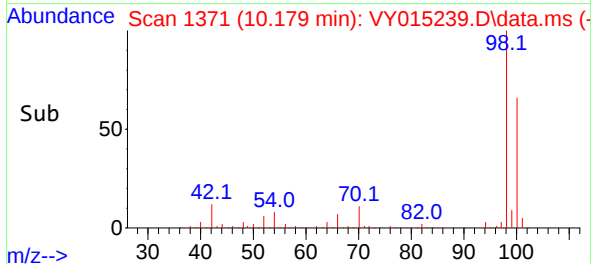
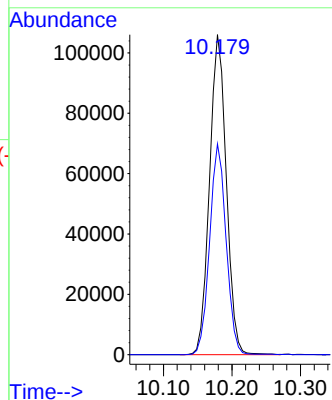
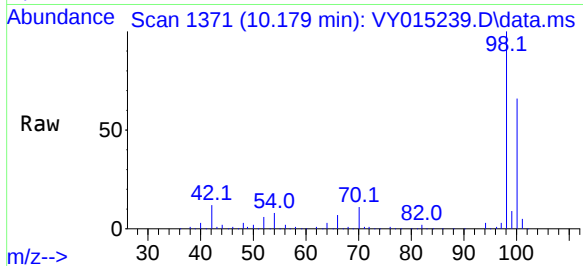




#50
Toluene-d8
Concen: 49.490 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015239.D
Acq: 22 Aug 2023 13:06

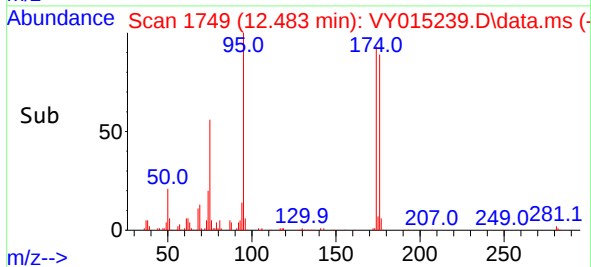
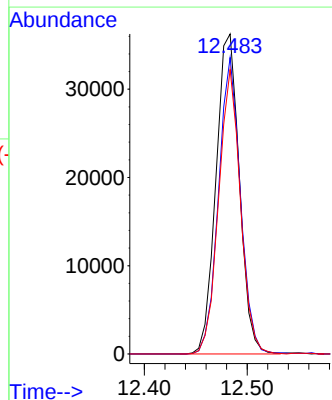
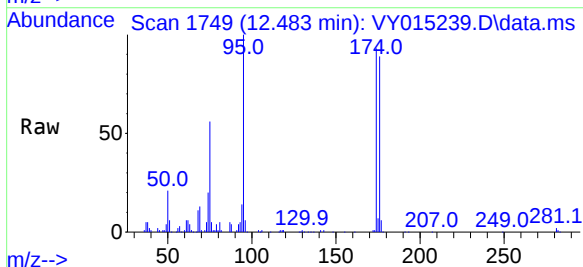
Instrument :
MSVOA_Y
ClientSampleId :
B-PP06BRE

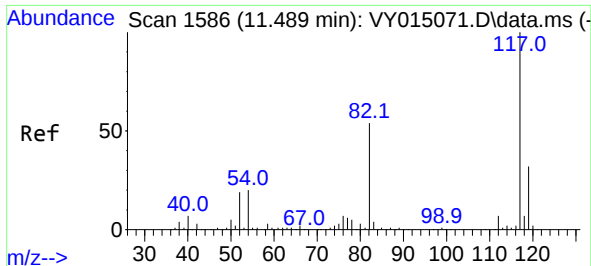
Tgt Ion: 98 Resp: 180538
Ion Ratio Lower Upper
98 100
100 64.7 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 42.893 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015239.D
Acq: 22 Aug 2023 13:06

Tgt Ion: 95 Resp: 57151
Ion Ratio Lower Upper
95 100
174 86.9 0.0 178.2
176 82.9 0.0 173.8

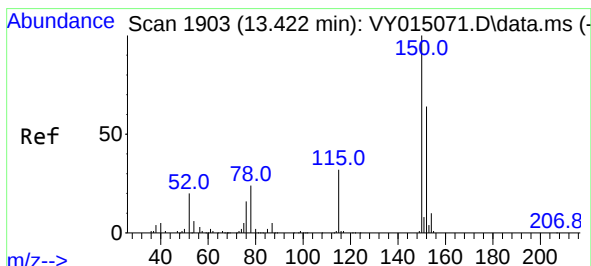
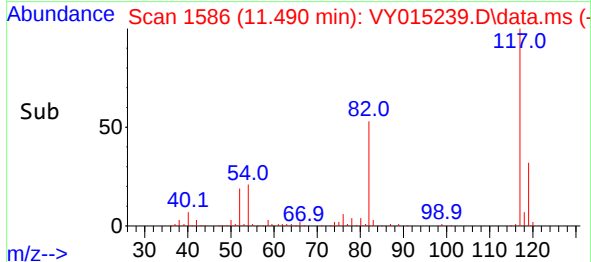
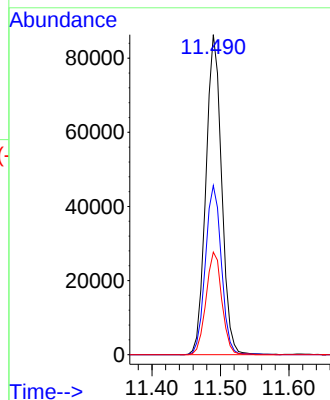
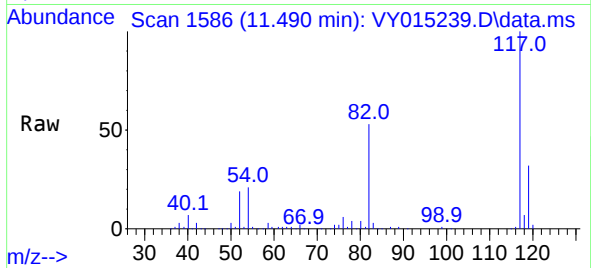




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015239.D
Acq: 22 Aug 2023 13:06

Instrument :
MSVOA_Y
ClientSampleId :
B-PP06BRE

Tgt Ion:117 Resp: 138154
Ion Ratio Lower Upper
117 100
82 52.8 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: VY015239.D
Acq: 22 Aug 2023 13:06

Tgt Ion:152 Resp: 63569
Ion Ratio Lower Upper
152 100
115 57.1 28.8 86.5
150 159.4 0.0 348.8

