

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081523\
 Data File : VY015104.D
 Acq On : 15 Aug 2023 15:30
 Operator : SY/MD
 Sample : 03989-03RE
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-PP24BRE

Quant Time: Aug 16 02:05:11 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	7203	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	11908	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	12350	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	5270	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	4221	48.817	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.640%
35) Dibromofluoromethane	7.722	113	2307	30.114	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	60.220%
50) Toluene-d8	10.179	98	13984	49.036	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.080%
62) 4-Bromofluorobenzene	12.477	95	5734	55.049	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	110.100%

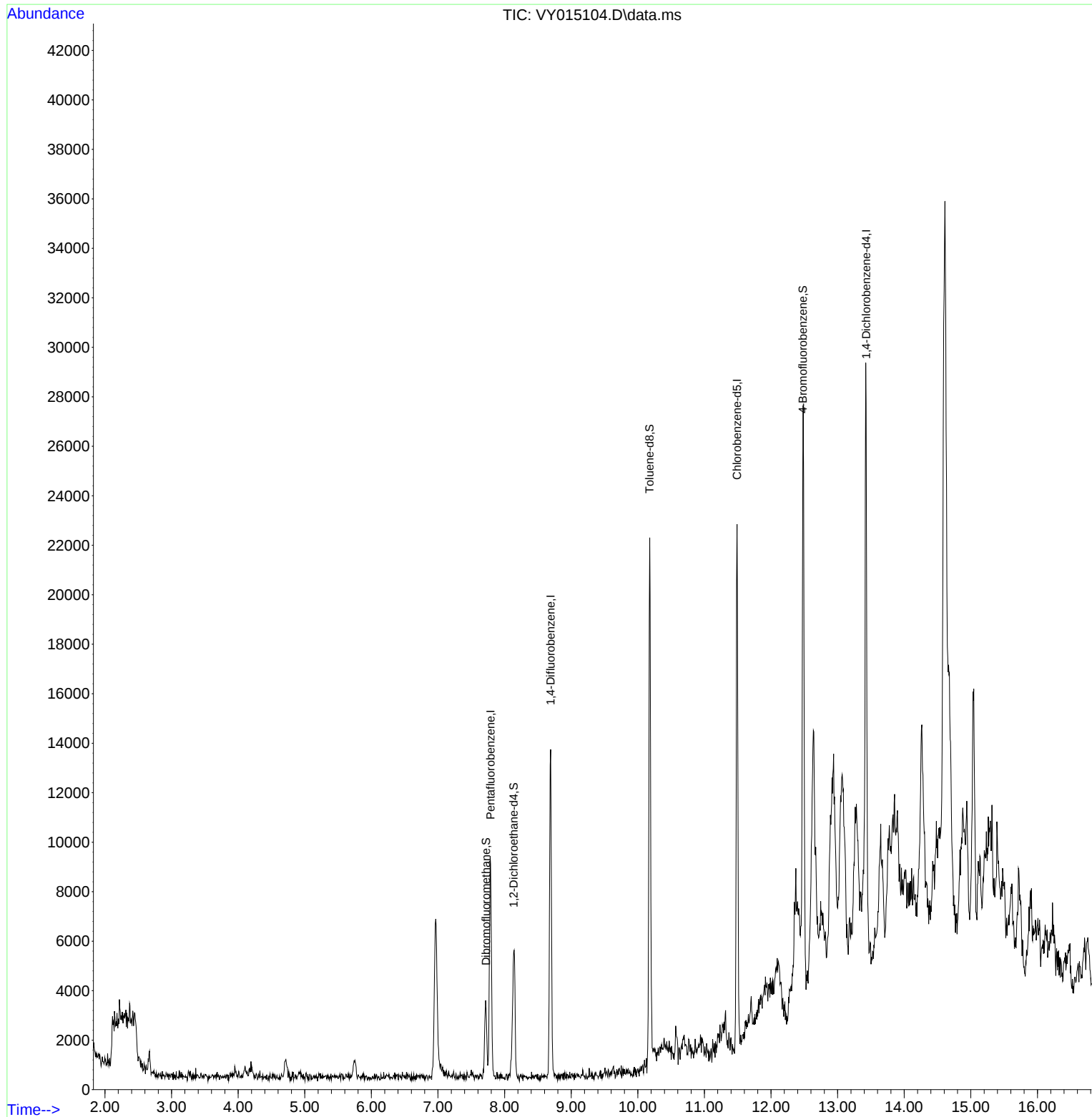
Target Compounds	Qvalue

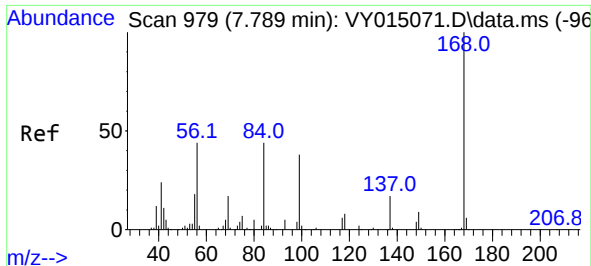
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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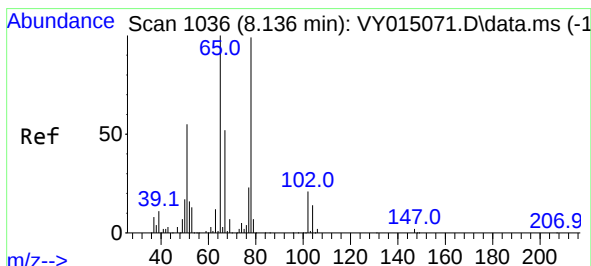
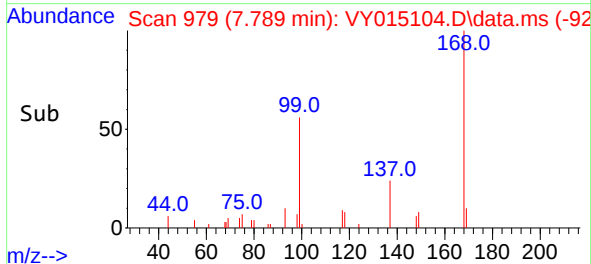
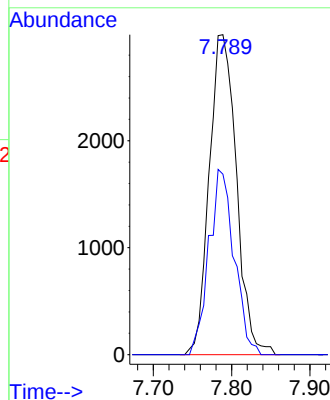
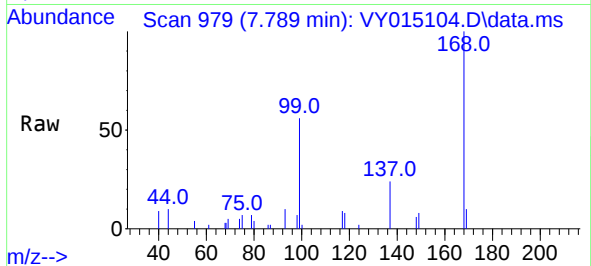




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015104.D
Acq: 15 Aug 2023 15:30

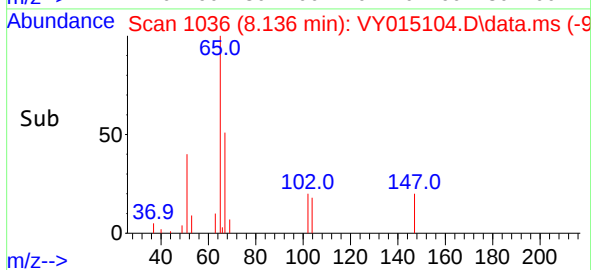
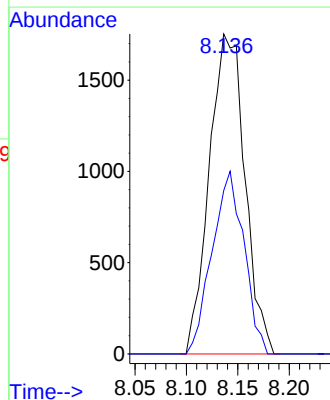
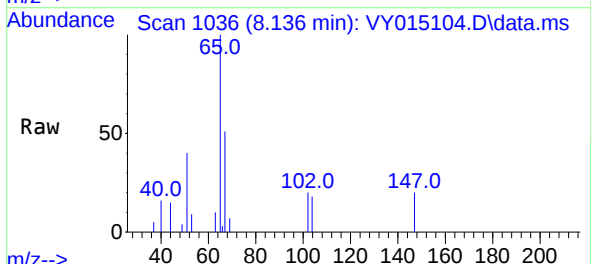
Instrument :
MSVOA_Y
ClientSampleId :
B-PP24BRE

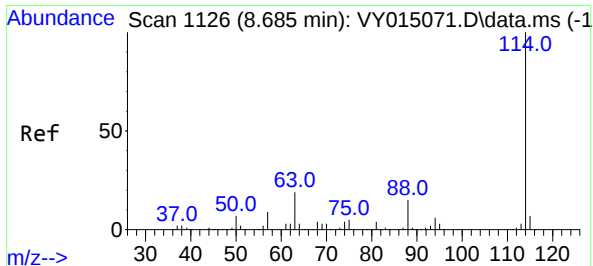
Tgt Ion:168 Resp: 7203
Ion Ratio Lower Upper
168 100
99 56.4 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 48.817 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY015104.D
Acq: 15 Aug 2023 15:30

Tgt Ion: 65 Resp: 4221
Ion Ratio Lower Upper
65 100
67 51.1 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: VY015104.D

Acq: 15 Aug 2023 15:30

Instrument :

MSVOA_Y

ClientSampleId :

B-PP24BRE

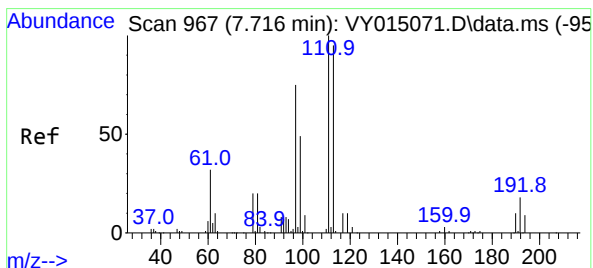
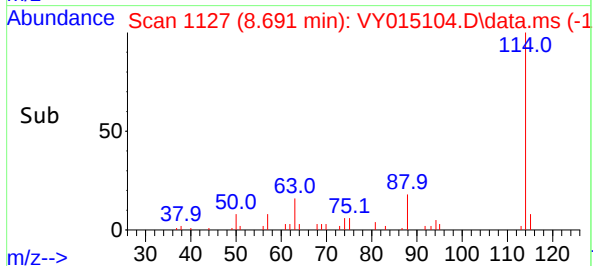
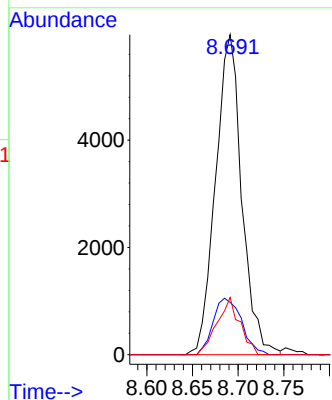
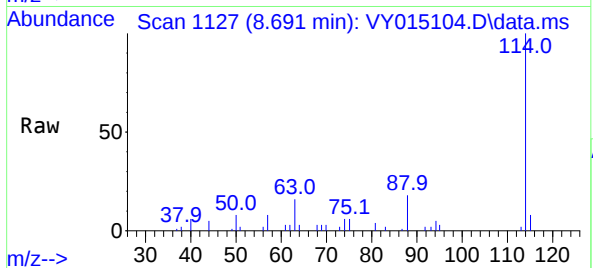
Tgt Ion:114 Resp: 11908

Ion Ratio Lower Upper

114 100

63 16.3 0.0 42.4

88 17.9 0.0 30.6



#35

Dibromofluoromethane

Concen: 30.114 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY015104.D

Acq: 15 Aug 2023 15:30

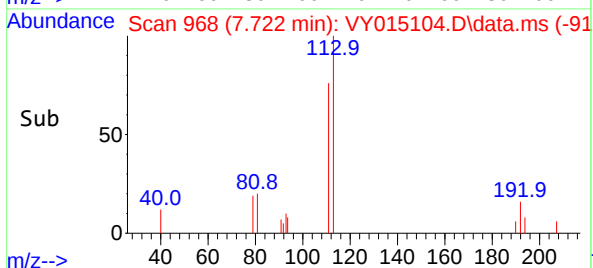
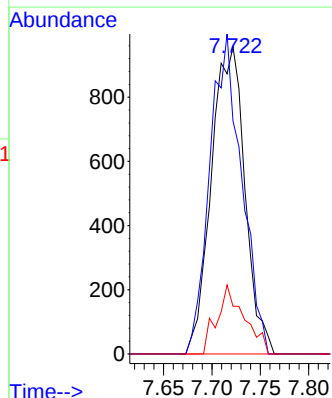
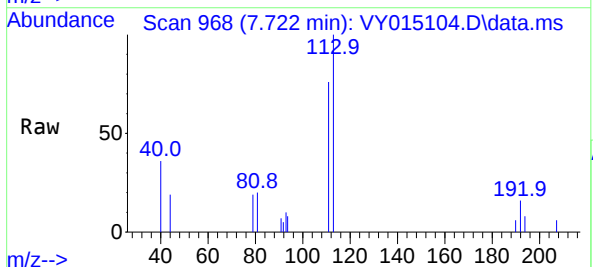
Tgt Ion:113 Resp: 2307

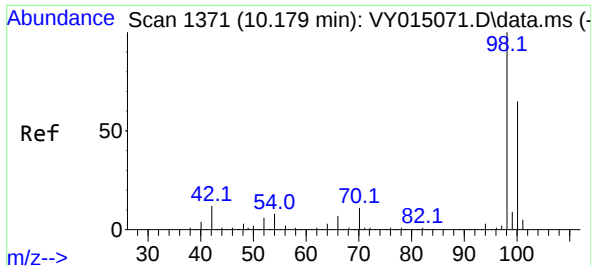
Ion Ratio Lower Upper

113 100

111 98.8 81.3 121.9

192 18.2 16.9 25.3

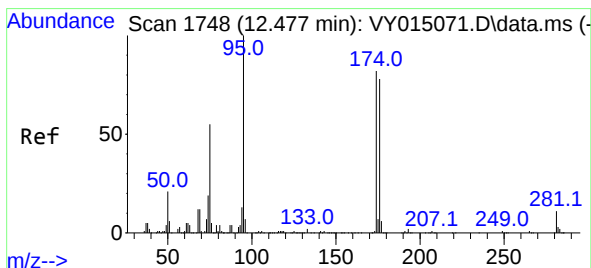
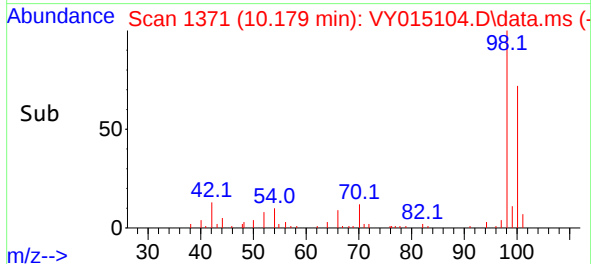
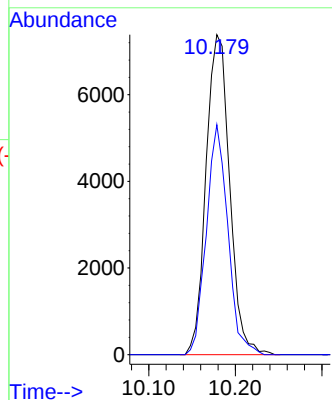
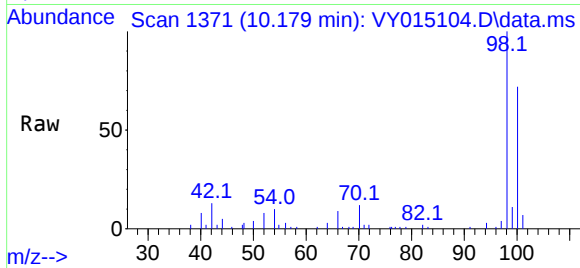




#50
Toluene-d8
Concen: 49.036 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY015104.D
Acq: 15 Aug 2023 15:30

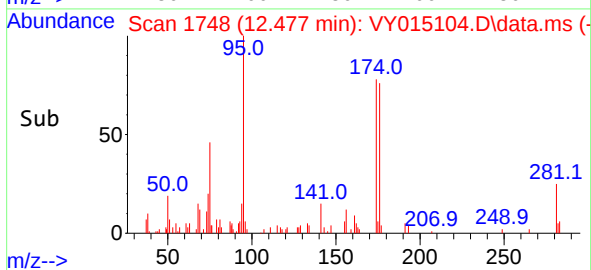
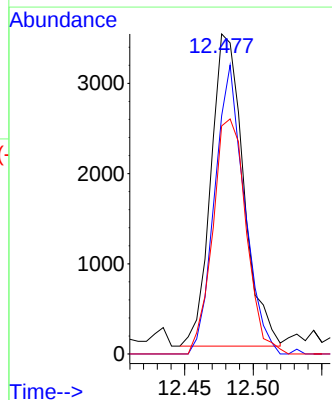
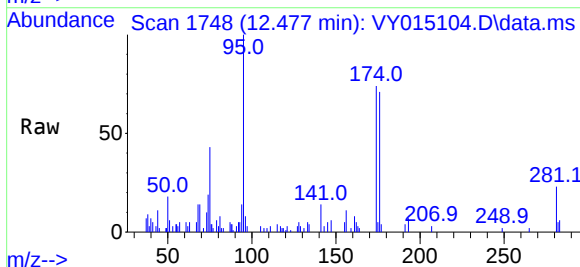
Instrument :
MSVOA_Y
ClientSampleId :
B-PP24BRE

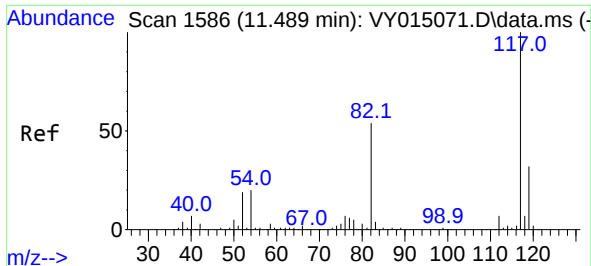
Tgt Ion: 98 Resp: 13984
Ion Ratio Lower Upper
98 100
100 65.7 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 55.049 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY015104.D
Acq: 15 Aug 2023 15:30

Tgt Ion: 95 Resp: 5734
Ion Ratio Lower Upper
95 100
174 84.2 0.0 178.2
176 77.1 0.0 173.8

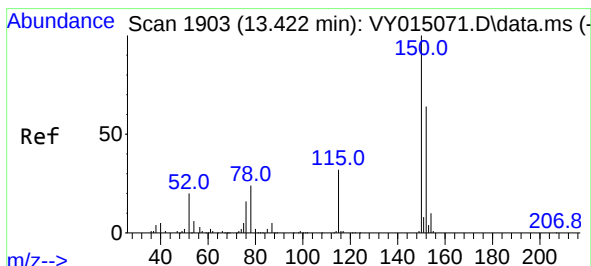
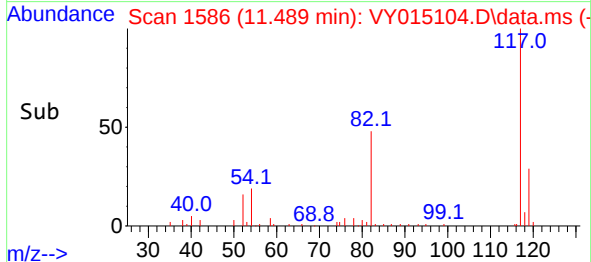
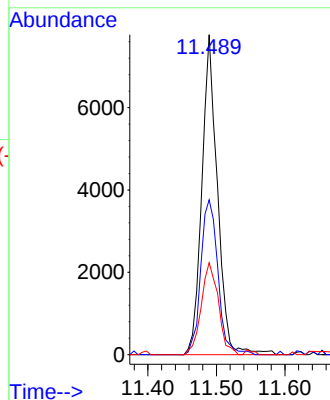
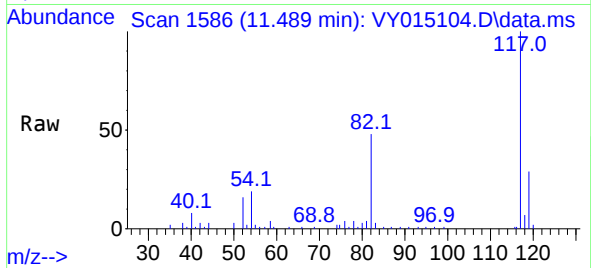




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY015104.D
Acq: 15 Aug 2023 15:30

Instrument :
MSVOA_Y
ClientSampleId :
B-PP24BRE

Tgt Ion:117 Resp: 12350
Ion Ratio Lower Upper
117 100
82 48.4 43.4 65.0
119 28.8 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: VY015104.D
Acq: 15 Aug 2023 15:30

Tgt Ion:152 Resp: 5270
Ion Ratio Lower Upper
152 100
115 63.3 28.8 86.5
150 160.1 0.0 348.8

