

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082223\
 Data File : VY015240.D
 Acq On : 22 Aug 2023 13:30
 Operator : SY/MD
 Sample : 04086-08
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-PP13A

Quant Time: Aug 22 14:28:00 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	13125	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.691	114	20618	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	19878	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	9043	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	9031	57.320	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.640%
35) Dibromofluoromethane	7.716	113	6617	49.886	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.780%
50) Toluene-d8	10.179	98	24344	49.302	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.600%
62) 4-Bromofluorobenzene	12.483	95	8113	44.985	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	89.980%

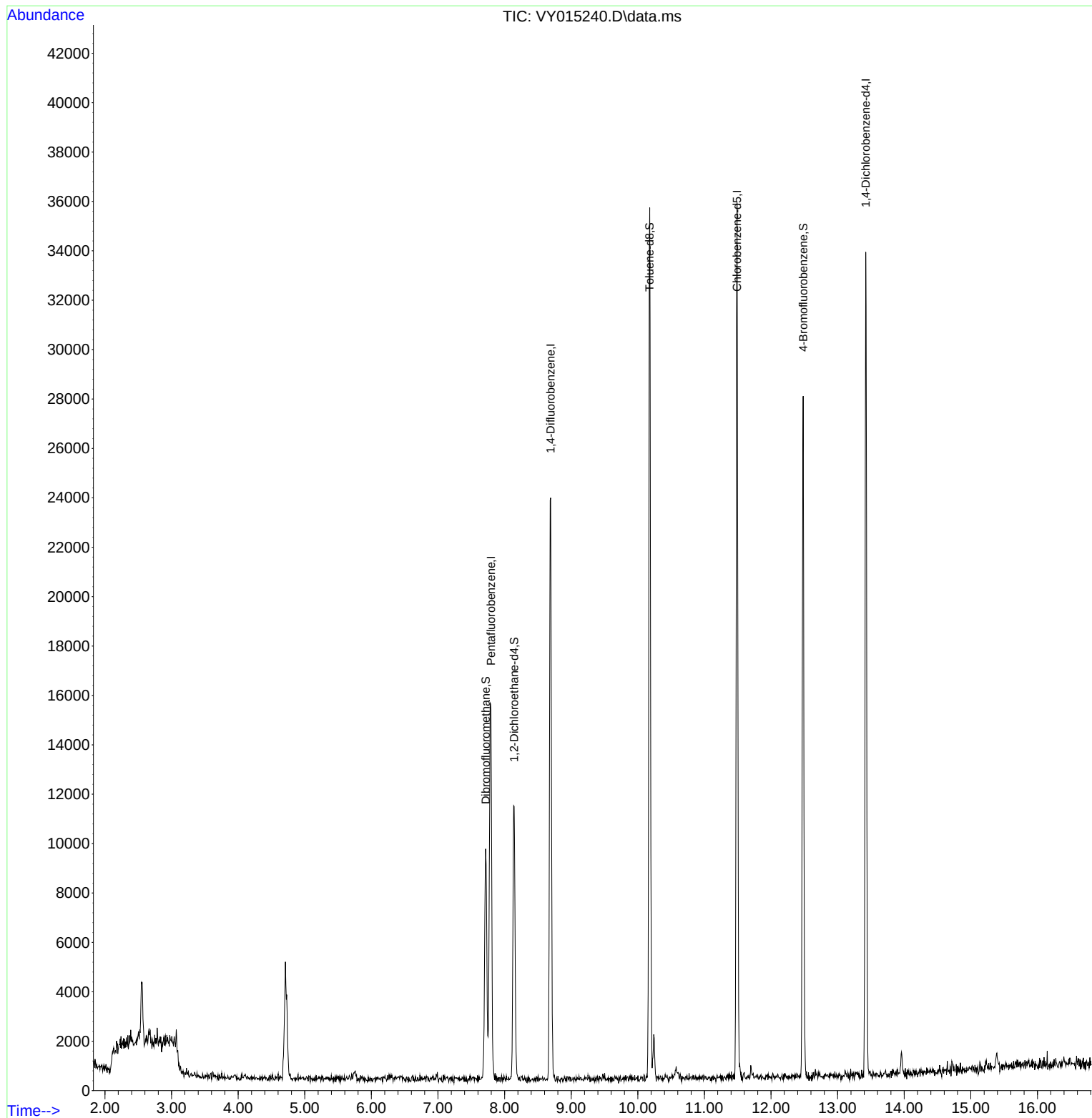
Target Compounds	Qvalue

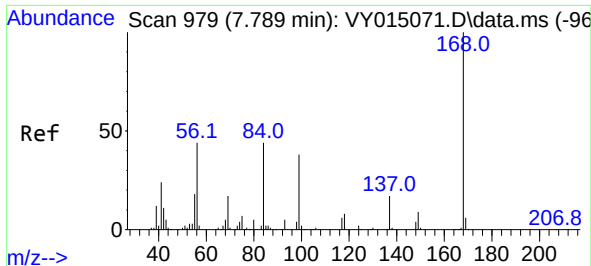
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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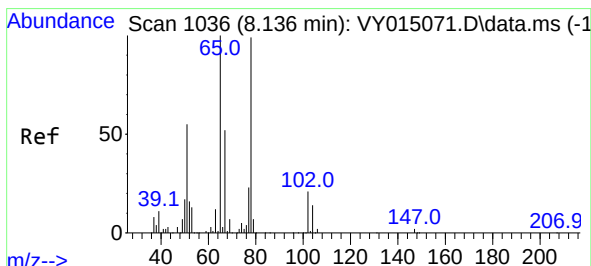
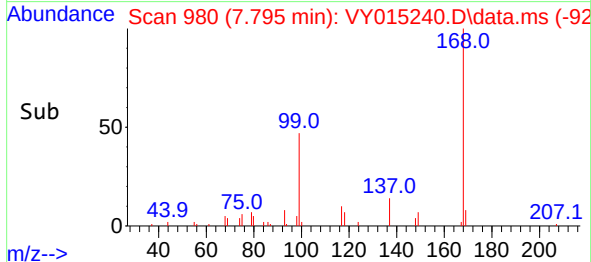
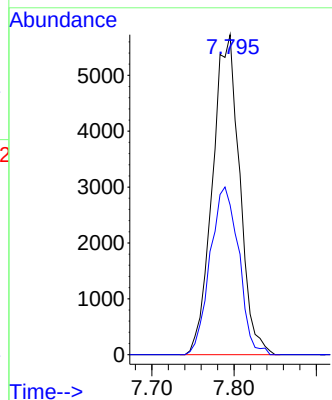
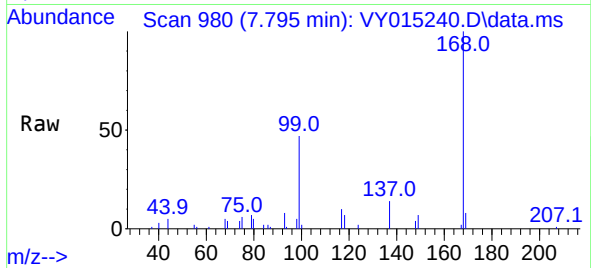




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY015240.D
Acq: 22 Aug 2023 13:30

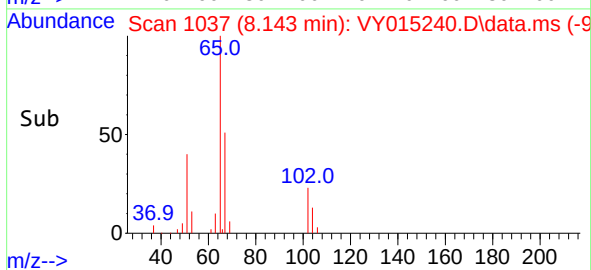
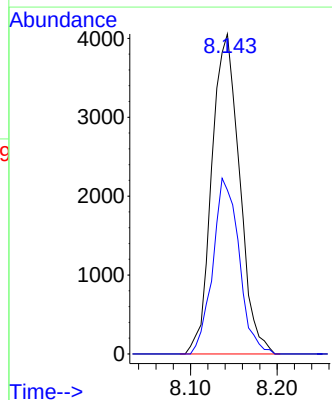
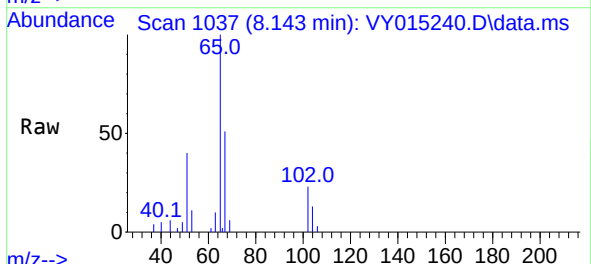
Instrument :
MSVOA_Y
ClientSampleId :
B-PP13A

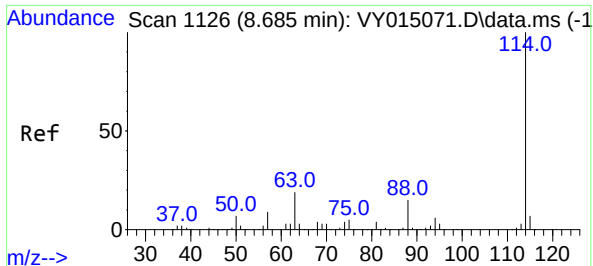
Tgt Ion:168 Resp: 13125
Ion Ratio Lower Upper
168 100
99 46.7 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 57.320 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY015240.D
Acq: 22 Aug 2023 13:30

Tgt Ion: 65 Resp: 9031
Ion Ratio Lower Upper
65 100
67 51.9 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: VY015240.D

Acq: 22 Aug 2023 13:30

Instrument :

MSVOA_Y

ClientSampleId :

B-PP13A

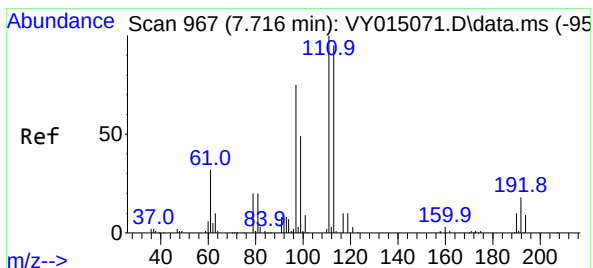
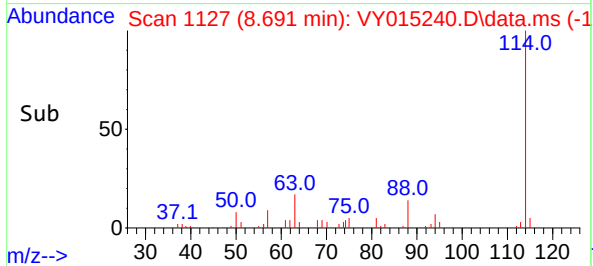
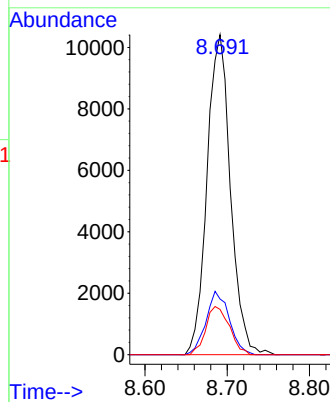
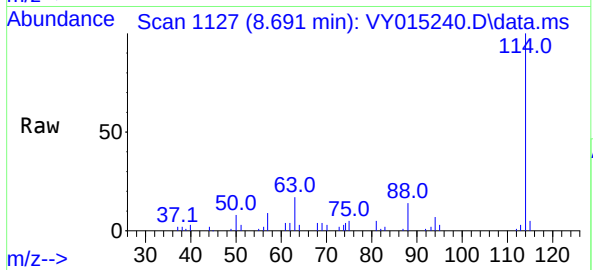
Tgt Ion:114 Resp: 20618

Ion Ratio Lower Upper

114 100

63 17.4 0.0 42.4

88 14.1 0.0 30.6



#35

Dibromofluoromethane

Concen: 49.886 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.000 min

Lab File: VY015240.D

Acq: 22 Aug 2023 13:30

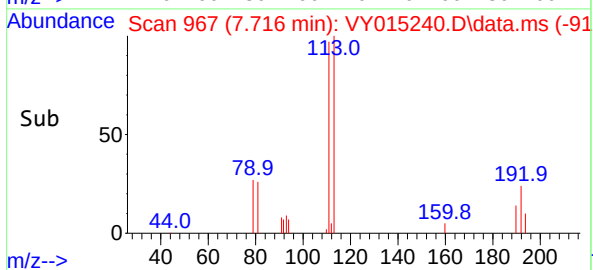
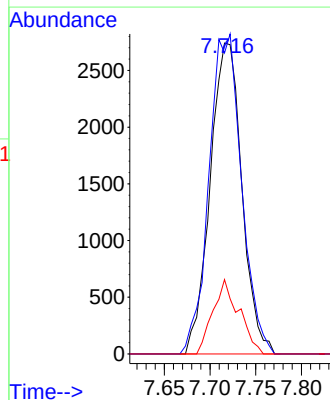
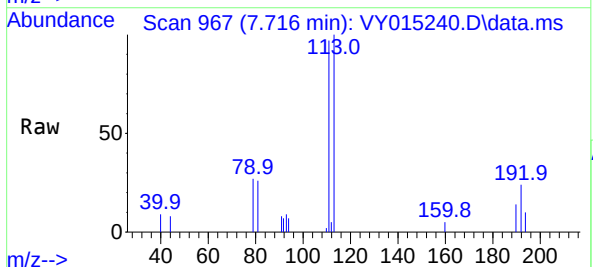
Tgt Ion:113 Resp: 6617

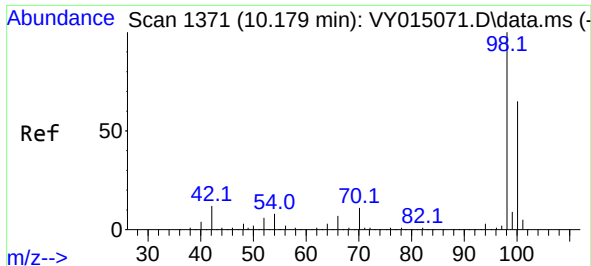
Ion Ratio Lower Upper

113 100

111 105.5 81.3 121.9

192 19.7 16.9 25.3

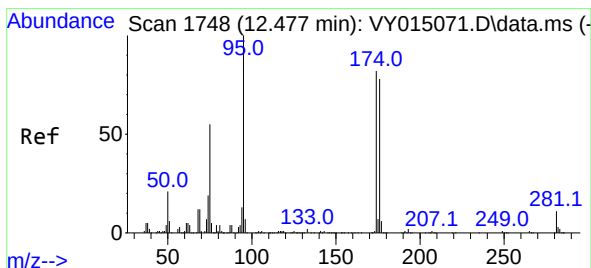
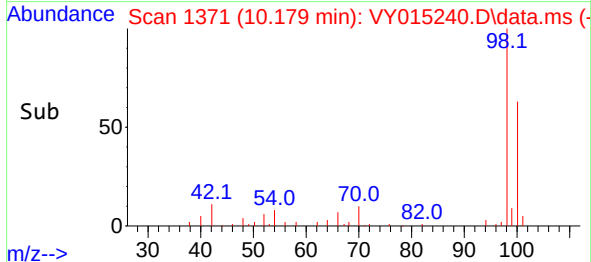
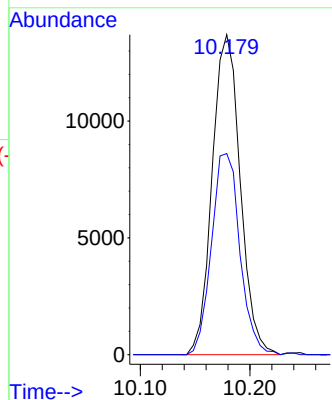
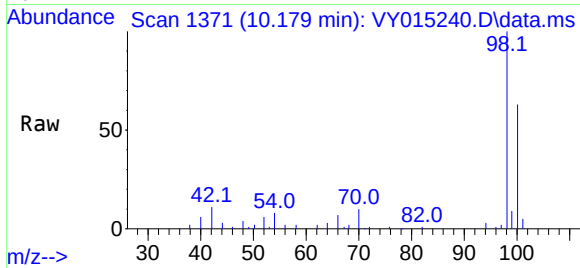




#50
Toluene-d8
Concen: 49.302 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015240.D
Acq: 22 Aug 2023 13:30

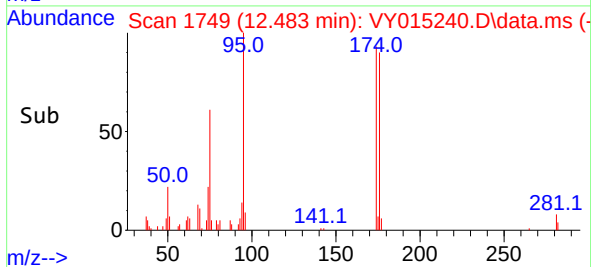
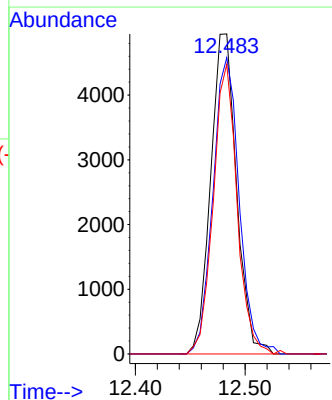
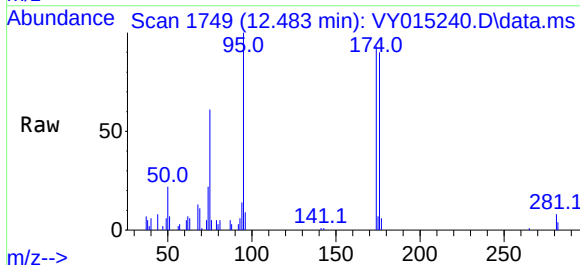
Instrument :
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B-PP13A

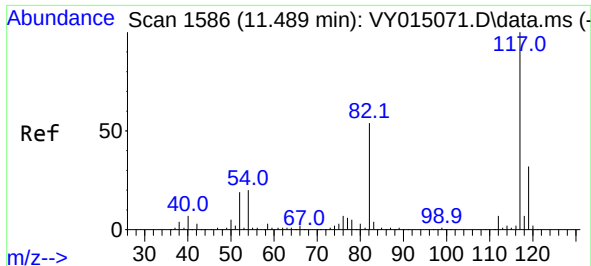
Tgt Ion: 98 Resp: 24344
Ion Ratio Lower Upper
98 100
100 63.8 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 44.985 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015240.D
Acq: 22 Aug 2023 13:30

Tgt Ion: 95 Resp: 8113
Ion Ratio Lower Upper
95 100
174 93.8 0.0 178.2
176 83.6 0.0 173.8

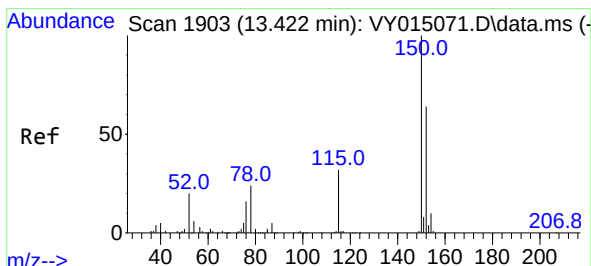
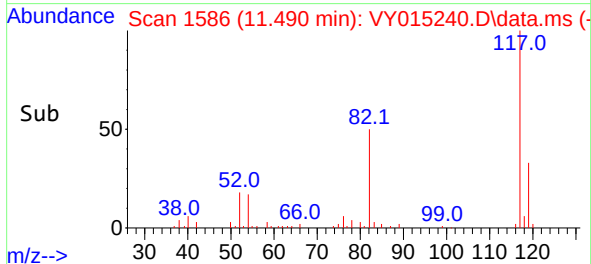
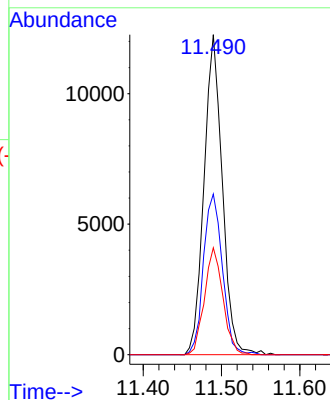
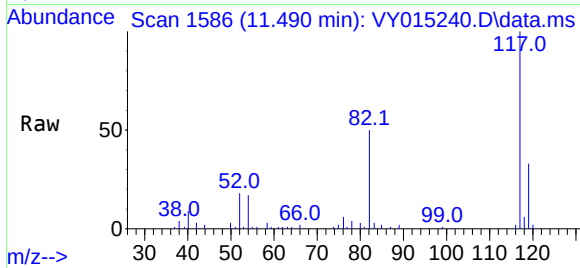




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015240.D
Acq: 22 Aug 2023 13:30

Instrument :
MSVOA_Y
ClientSampleId :
B-PP13A

Tgt Ion:	117	Resp:	19878
Ion	Ratio	Lower	Upper
117	100		
82	50.2	43.4	65.0
119	33.4	26.3	39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY015240.D
Acq: 22 Aug 2023 13:30

Tgt Ion:	152	Resp:	9043
Ion	Ratio	Lower	Upper
152	100		
115	57.1	28.8	86.5
150	152.9	0.0	348.8

