

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081623\
 Data File : VY015141.D
 Acq On : 16 Aug 2023 11:45
 Operator : SY/MD
 Sample : 04012-01RE
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HD-02-081423RE

Quant Time: Aug 17 05:28:16 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	90141	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	153844	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	153995	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	74357	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	57931	53.538	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	107.080%
35) Dibromofluoromethane	7.722	113	49832	50.349	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.700%
50) Toluene-d8	10.179	98	183756	49.875	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.740%
62) 4-Bromofluorobenzene	12.483	95	67456	50.127	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	100.260%

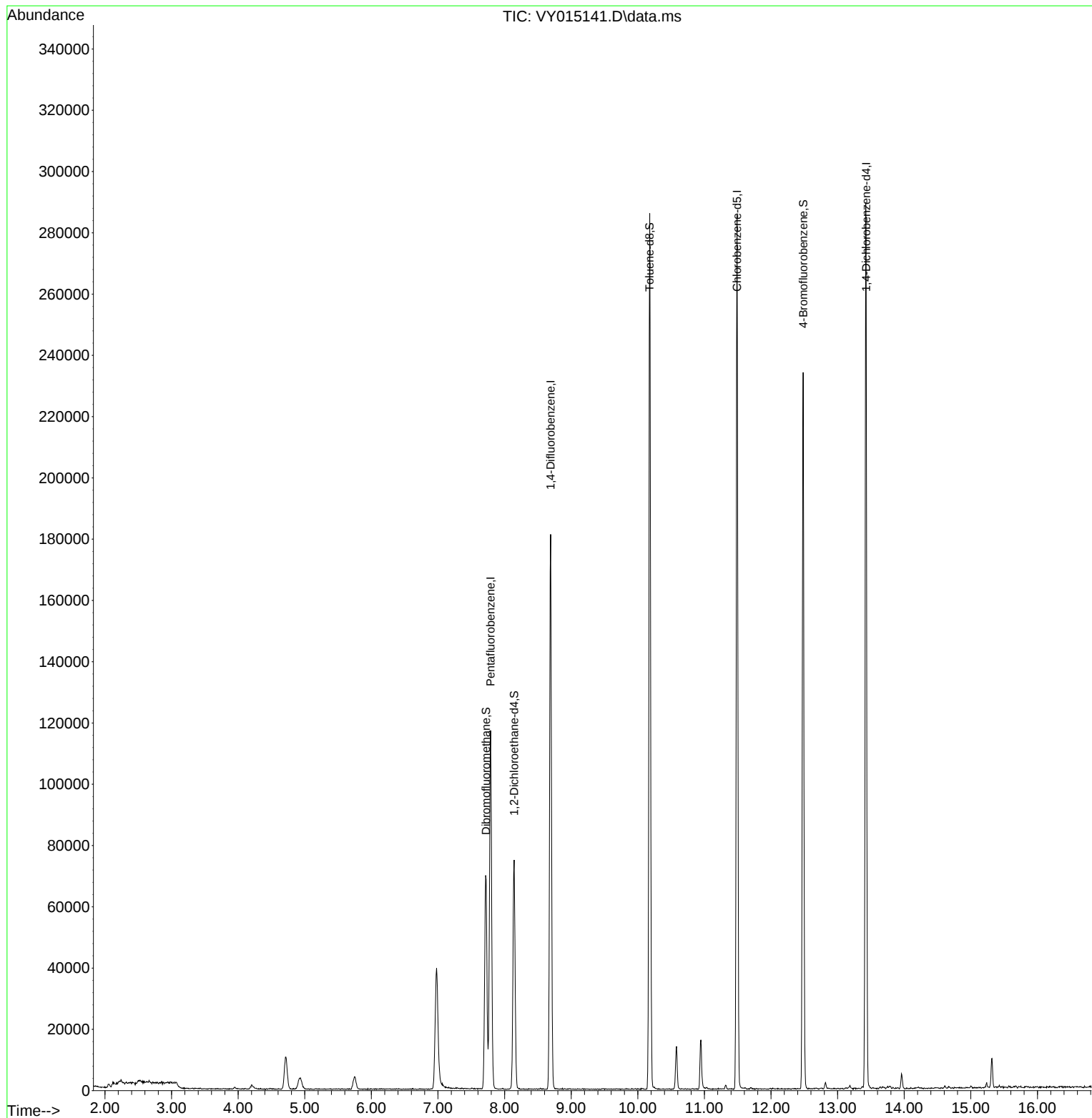
Target Compounds	Qvalue

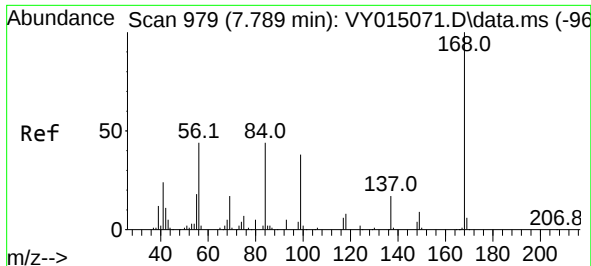
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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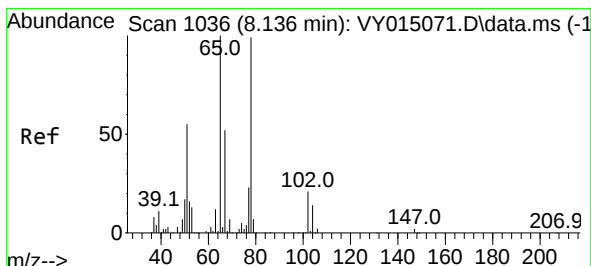
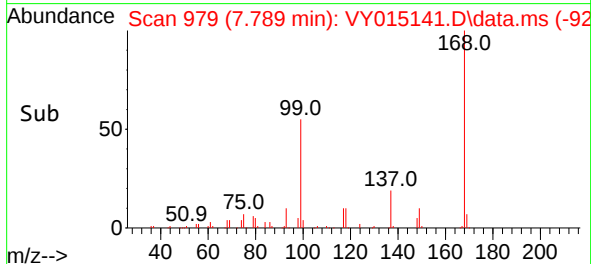
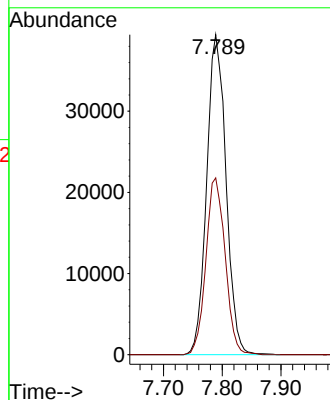
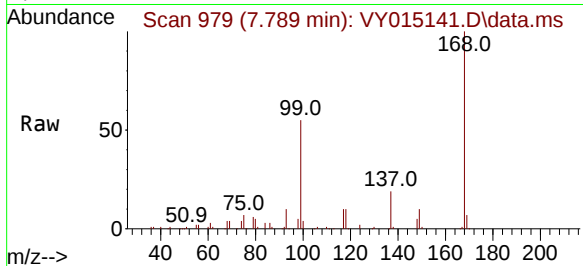




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015141.D
Acq: 16 Aug 2023 11:45

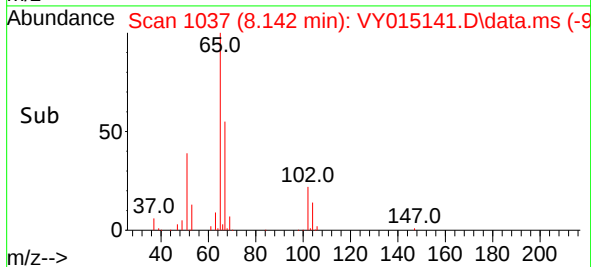
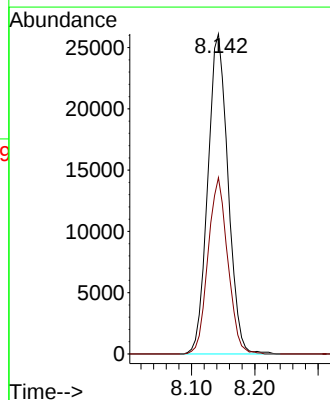
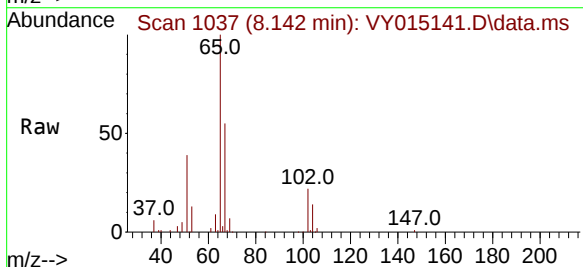
Instrument :
MSVOA_Y
ClientSampleId :
HD-02-081423RE

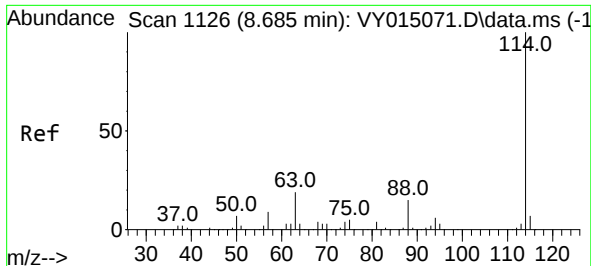
Tgt Ion:168 Resp: 90141
Ion Ratio Lower Upper
168 100
99 55.3 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 53.538 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY015141.D
Acq: 16 Aug 2023 11:45

Tgt Ion: 65 Resp: 57931
Ion Ratio Lower Upper
65 100
67 53.8 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: VY015141.D

Acq: 16 Aug 2023 11:45

Instrument :

MSVOA_Y

ClientSampleId :

HD-02-081423RE

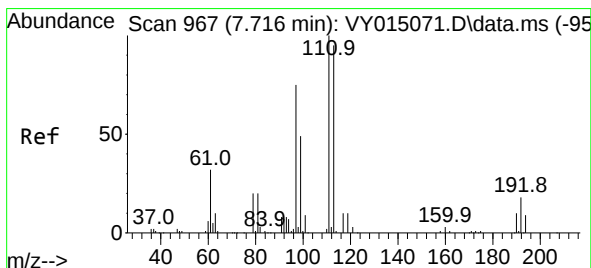
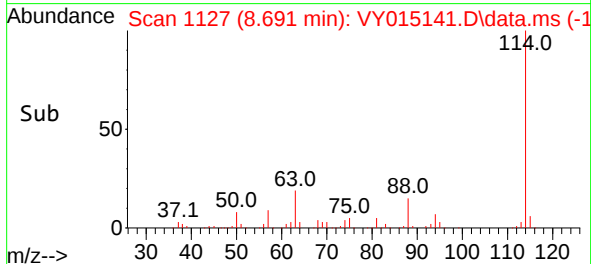
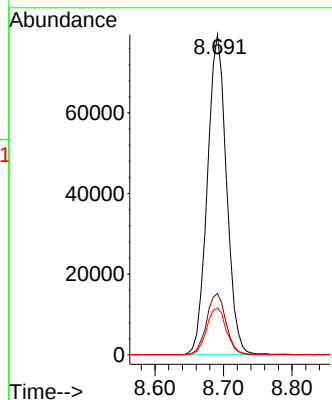
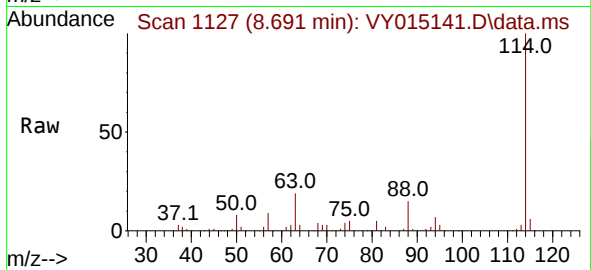
Tgt Ion:114 Resp: 153844

Ion Ratio Lower Upper

114 100

63 19.1 0.0 42.4

88 14.6 0.0 30.6



#35

Dibromofluoromethane

Concen: 50.349 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY015141.D

Acq: 16 Aug 2023 11:45

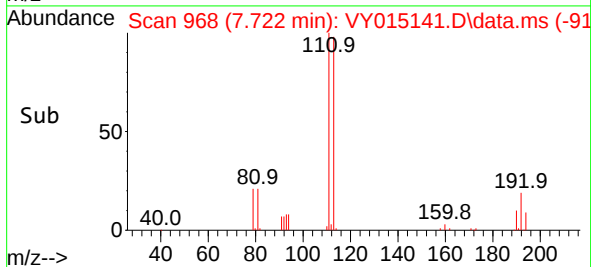
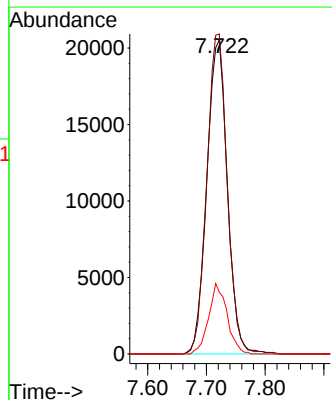
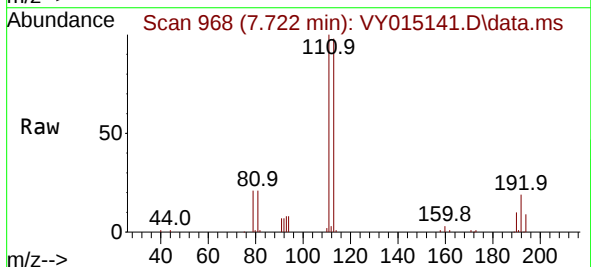
Tgt Ion:113 Resp: 49832

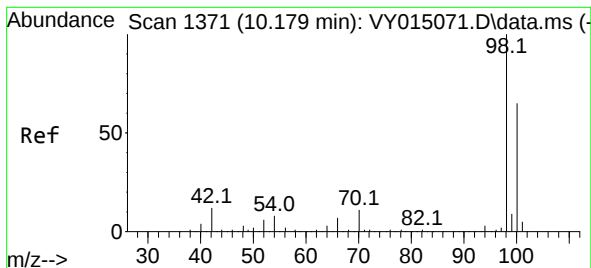
Ion Ratio Lower Upper

113 100

111 101.4 81.3 121.9

192 20.2 16.9 25.3





#50

Toluene-d8

Concen: 49.875 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY015141.D

Acq: 16 Aug 2023 11:45

Instrument :

MSVOA_Y

ClientSampleId :

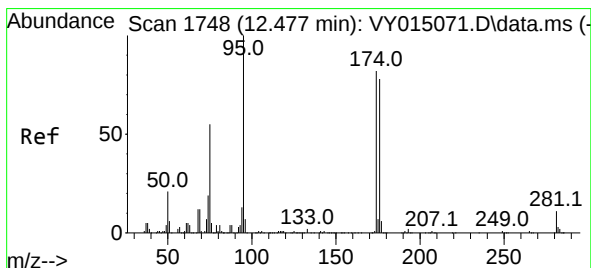
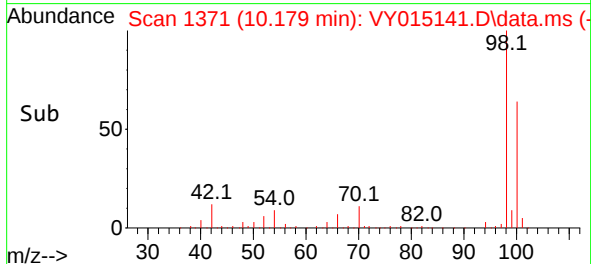
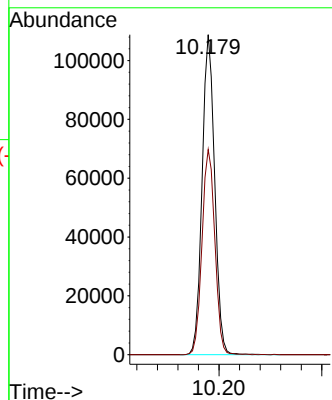
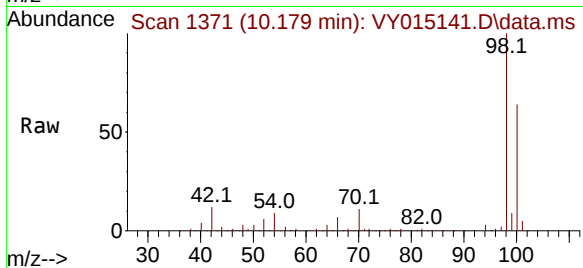
HD-02-081423RE

Tgt Ion: 98 Resp: 183756

Ion Ratio Lower Upper

98 100

100 65.8 50.1 75.1



#62

4-Bromofluorobenzene

Concen: 50.127 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.006 min

Lab File: VY015141.D

Acq: 16 Aug 2023 11:45

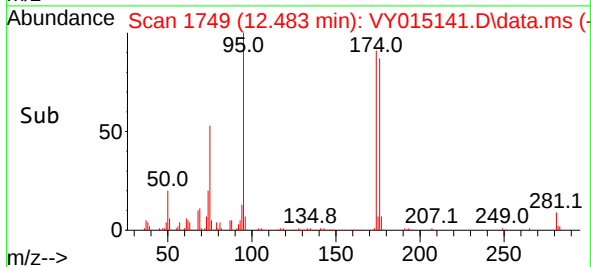
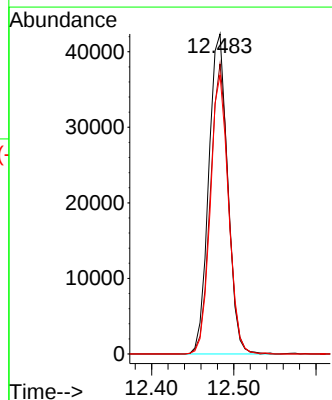
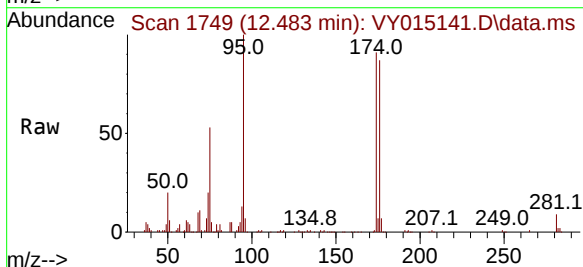
Tgt Ion: 95 Resp: 67456

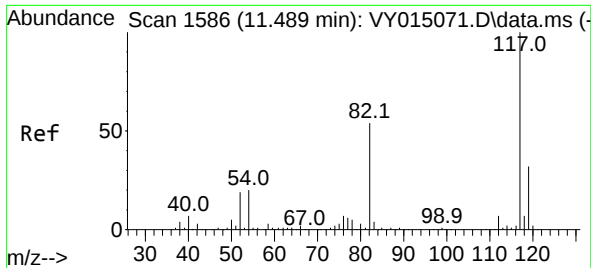
Ion Ratio Lower Upper

95 100

174 87.2 0.0 178.2

176 83.9 0.0 173.8

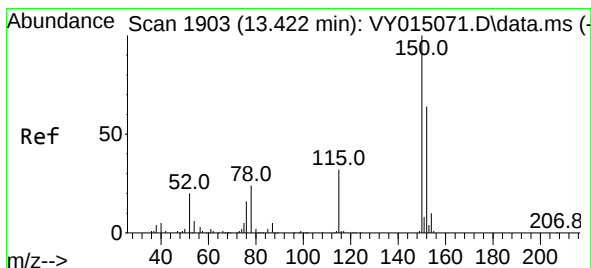
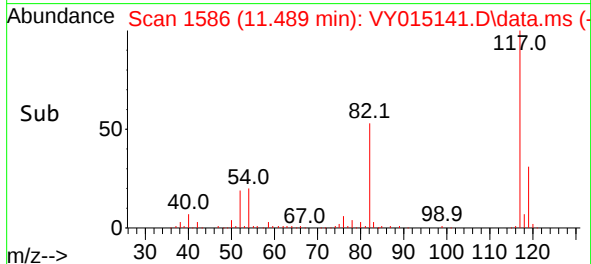
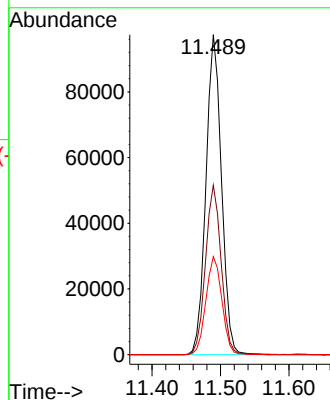
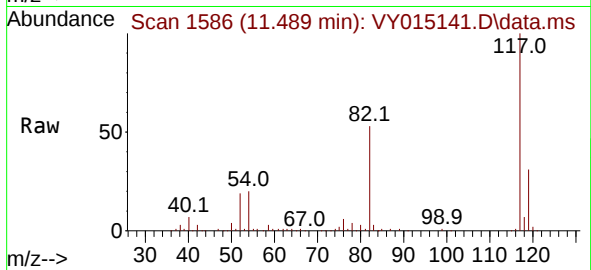




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015141.D
Acq: 16 Aug 2023 11:45

Instrument :
MSVOA_Y
ClientSampleId :
HD-02-081423RE

Tgt Ion:117 Resp: 153995
Ion Ratio Lower Upper
117 100
82 52.9 43.4 65.0
119 30.7 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: VY015141.D
Acq: 16 Aug 2023 11:45

Tgt Ion:152 Resp: 74357
Ion Ratio Lower Upper
152 100
115 58.9 28.8 86.5
150 158.3 0.0 348.8

