

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081722\
 Data File : VY010057.D
 Acq On : 17 Aug 2022 10:32
 Operator : KP/MD
 Sample : VY0817SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0817SBL01

Quant Time: Aug 17 14:56:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081522S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 17 05:12:02 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	70940	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	114510	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	118536	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	58786	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	42269	59.592	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	119.180%
35) Dibromofluoromethane	7.710	113	39716	53.483	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.960%
50) Toluene-d8	10.179	98	132792	48.333	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.660%
62) 4-Bromofluorobenzene	12.483	95	46370	48.052	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	96.100%

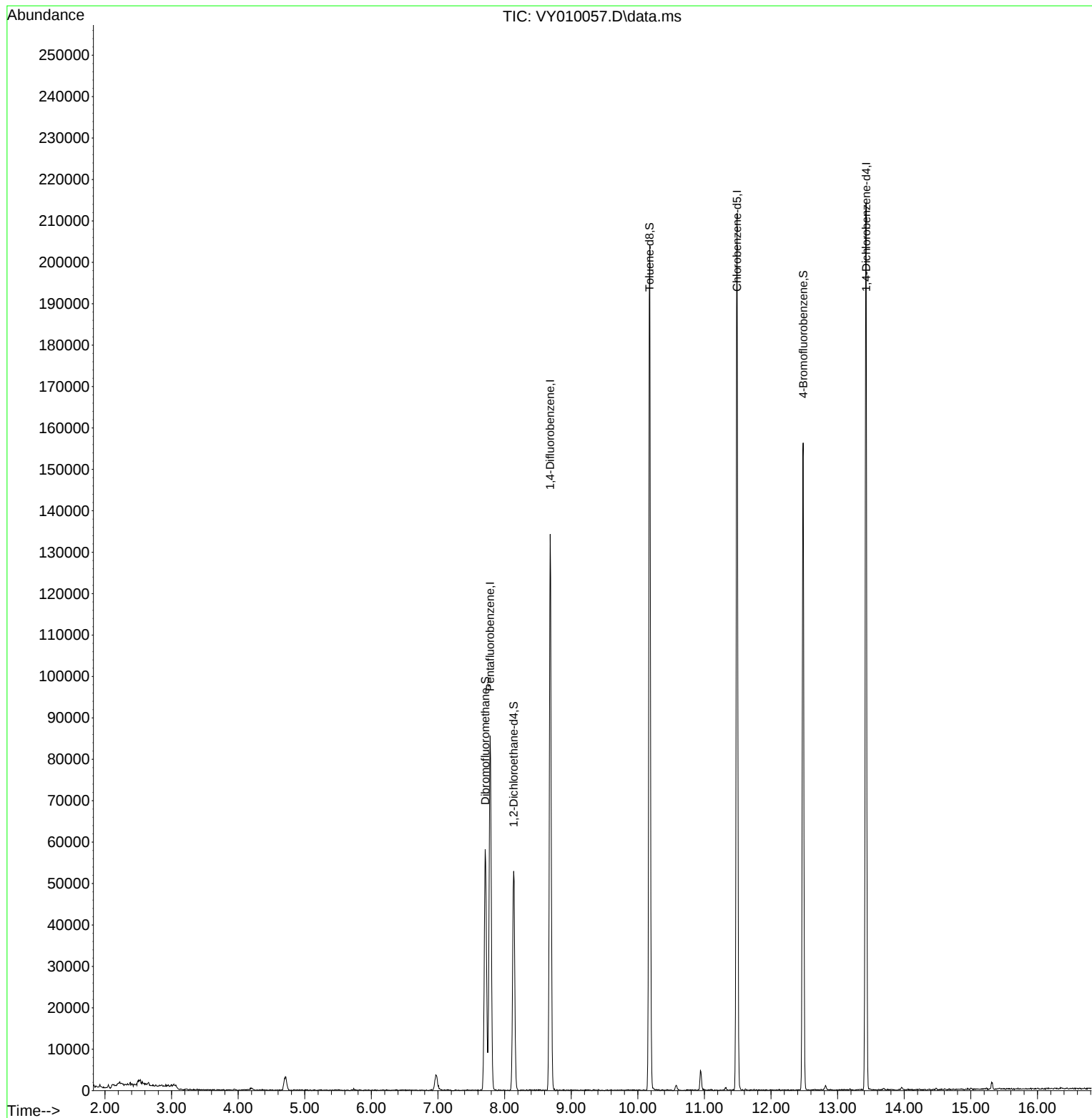
Target Compounds	Qvalue

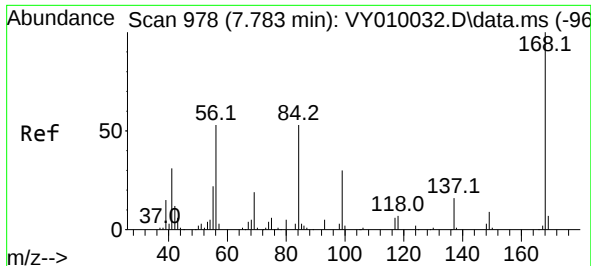
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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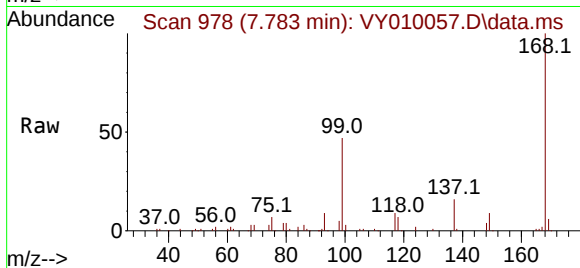
Quant Time: Aug 17 14:56:29 2022
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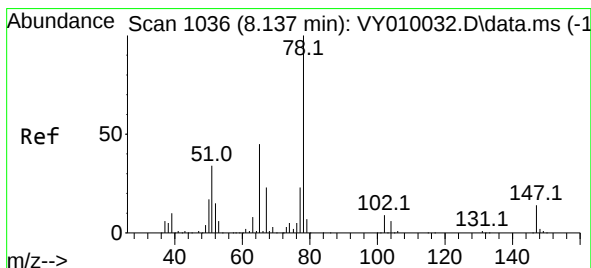
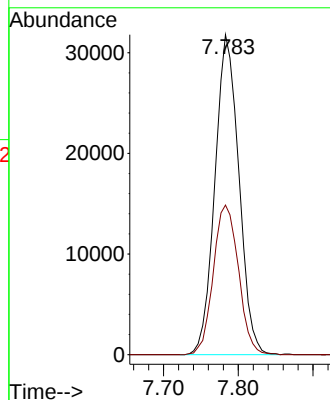
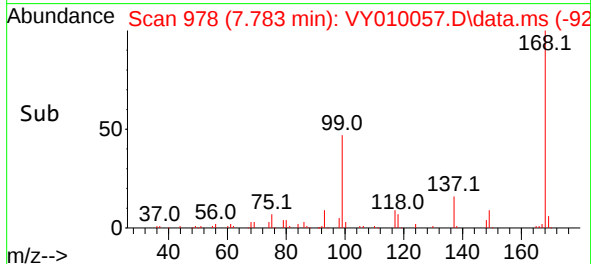


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010057.D
Acq: 17 Aug 2022 10:32

Instrument :
MSVOA_Y
ClientSampleId :
VY0817SBL01

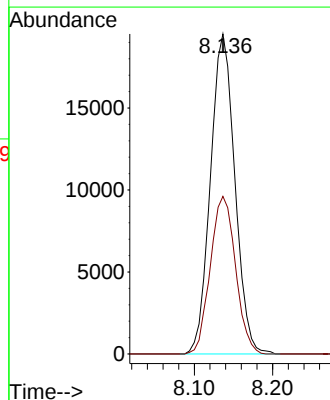
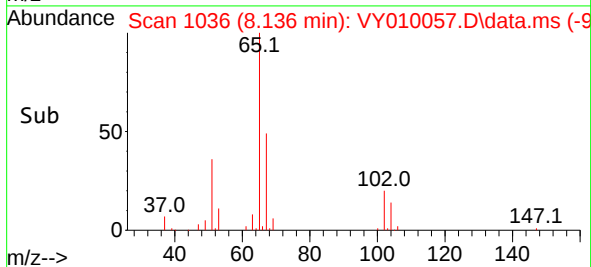
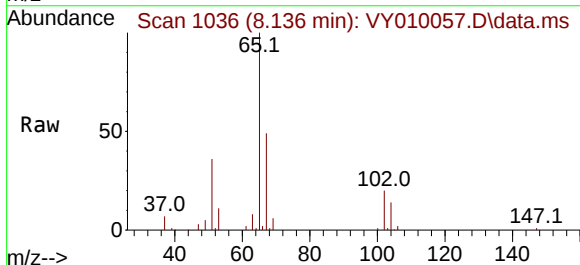


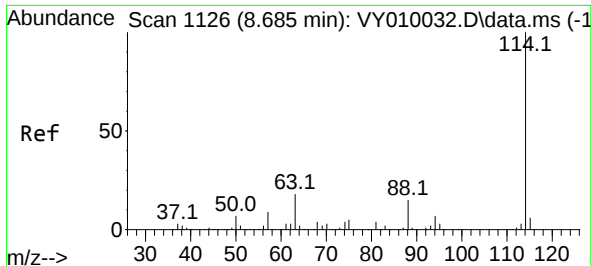
Tgt Ion:168 Resp: 70940
Ion Ratio Lower Upper
168 100
99 46.7 37.7 56.5



#33
1,2-Dichloroethane-d4
Concen: 59.592 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.001 min
Lab File: VY010057.D
Acq: 17 Aug 2022 10:32

Tgt Ion: 65 Resp: 42269
Ion Ratio Lower Upper
65 100
67 50.8 0.0 104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY010057.D

Acq: 17 Aug 2022 10:32

Instrument :

MSVOA_Y

ClientSampleId :

VY0817SBL01

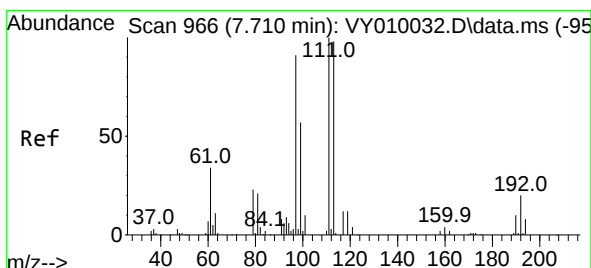
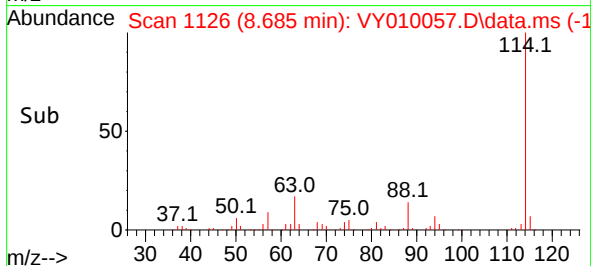
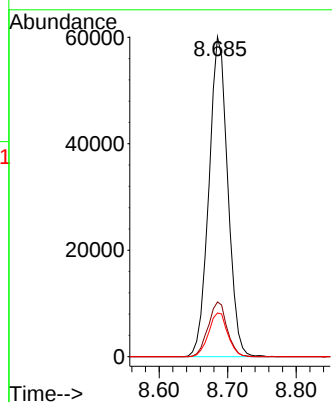
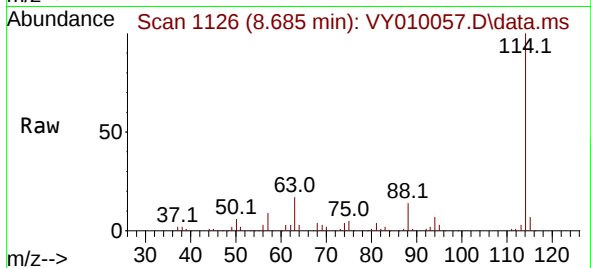
Tgt Ion:114 Resp: 114510

Ion Ratio Lower Upper

114 100

63 17.1 0.0 35.2

88 13.7 0.0 30.2



#35

Dibromofluoromethane

Concen: 53.483 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY010057.D

Acq: 17 Aug 2022 10:32

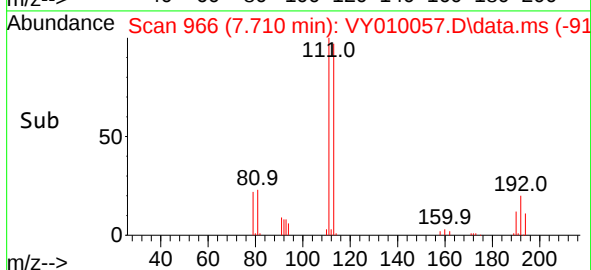
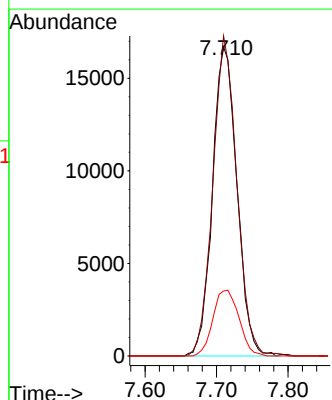
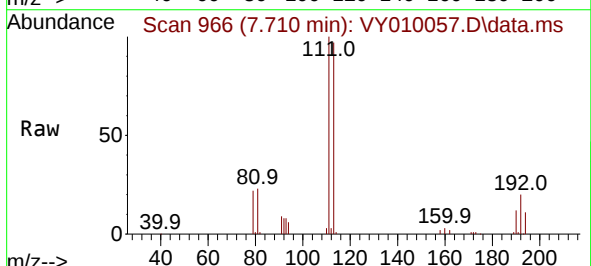
Tgt Ion:113 Resp: 39716

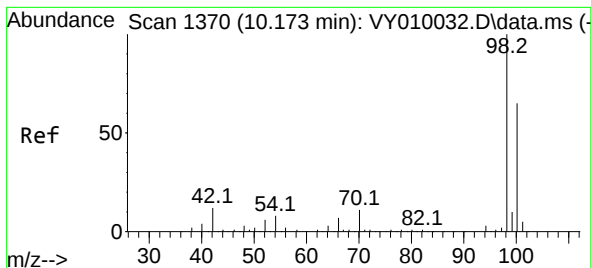
Ion Ratio Lower Upper

113 100

111 101.4 82.7 124.1

192 22.6 17.2 25.8





#50

Toluene-d8

Concen: 48.333 ug/l

RT: 10.179 min Scan# 1370

Delta R.T. 0.006 min

Lab File: VY010057.D

Acq: 17 Aug 2022 10:32

Instrument :

MSVOA_Y

ClientSampleId :

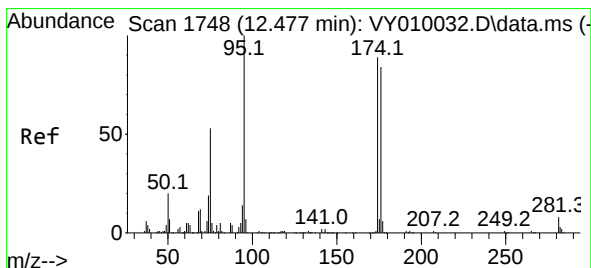
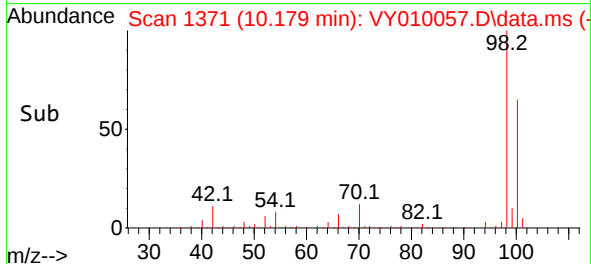
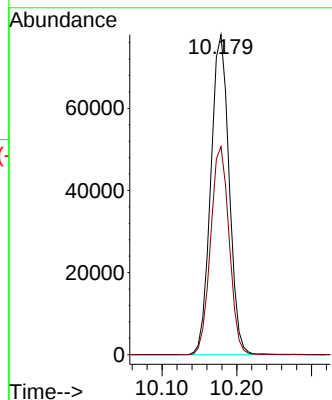
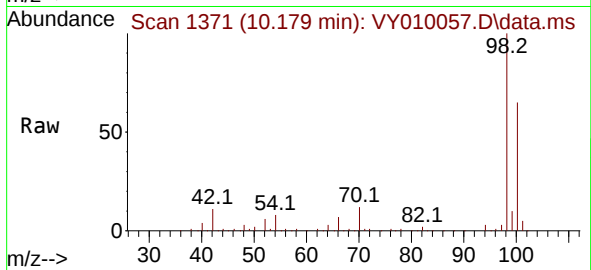
VY0817SBL01

Tgt Ion: 98 Resp: 132792

Ion Ratio Lower Upper

98 100

100 65.6 52.1 78.1



#62

4-Bromofluorobenzene

Concen: 48.052 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.006 min

Lab File: VY010057.D

Acq: 17 Aug 2022 10:32

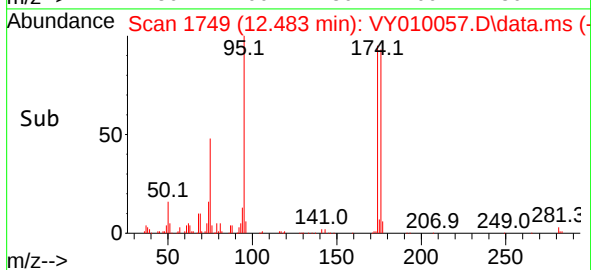
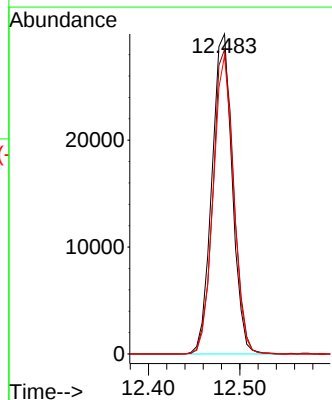
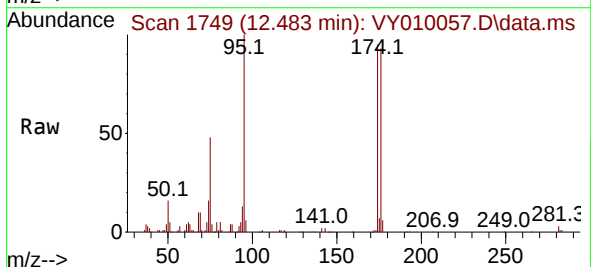
Tgt Ion: 95 Resp: 46370

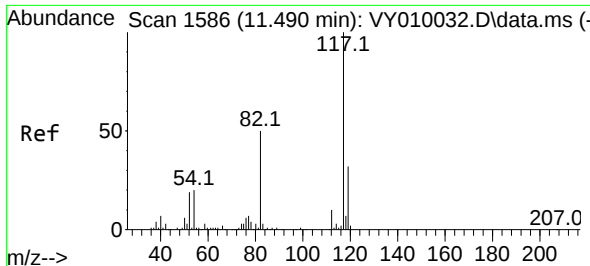
Ion Ratio Lower Upper

95 100

174 97.1 0.0 184.2

176 92.8 0.0 178.4

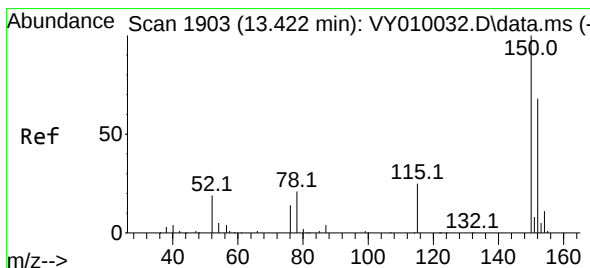
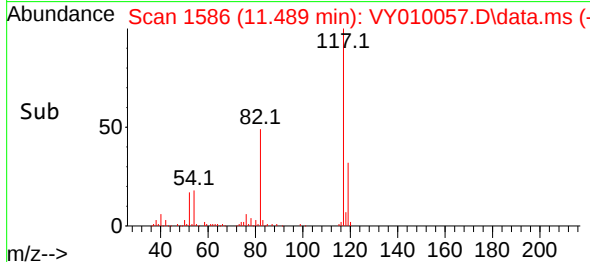
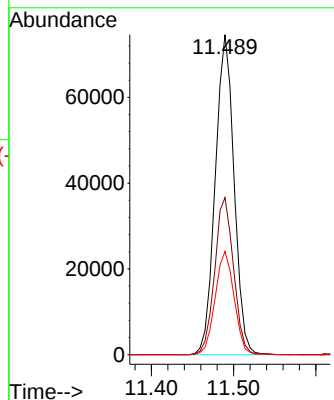
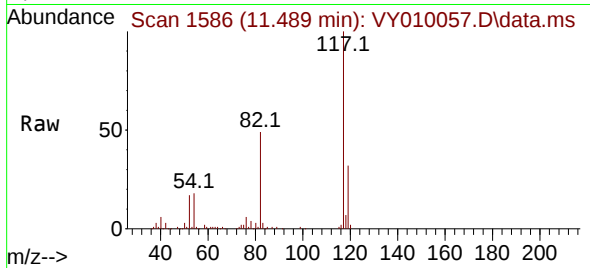




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 118536
Delta R.T. -0.001 min
Lab File: VY010057.D
Acq: 17 Aug 2022 10:32

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Tgt Ion:	117	Resp:	118536
Ion Ratio	Lower	Upper	
117	100		
82	49.1	39.8	59.6
119	32.3	25.6	38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY010057.D
Acq: 17 Aug 2022 10:32

Tgt Ion:	152	Resp:	58786
Ion Ratio	Lower	Upper	
152	100		
115	54.4	28.1	84.3
150	155.3	0.0	346.6

