

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081822\
 Data File : VY010085.D
 Acq On : 18 Aug 2022 15:59
 Operator : KP/MD
 Sample : N4188-01
 Misc : 13.92g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 S4

Quant Time: Aug 18 19:09:03 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	7.777	168	53954	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	100305	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	100741	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	44527	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	36249	67.194	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	134.380%
35) Dibromofluoromethane	7.710	113	34885	53.630	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.260%
50) Toluene-d8	10.173	98	120689	50.149	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.300%
62) 4-Bromofluorobenzene	12.477	95	39628	46.881	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	93.760%

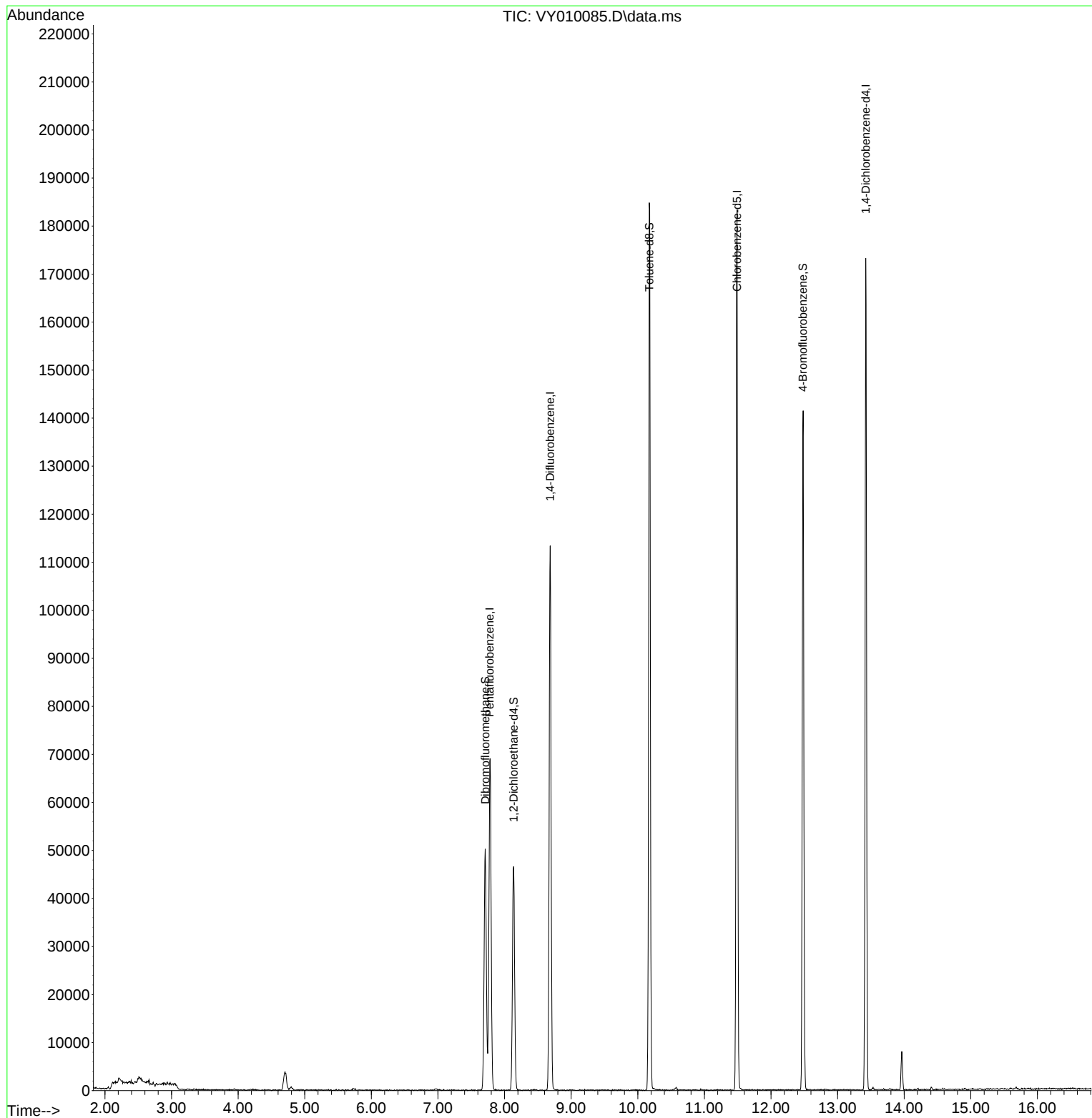
Target Compounds	Qvalue

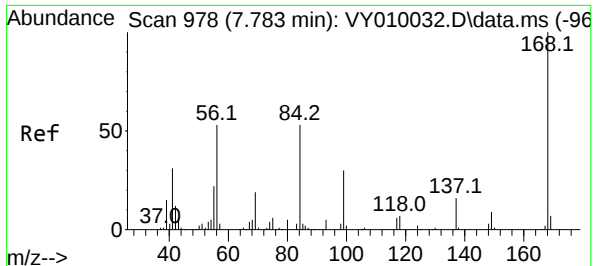
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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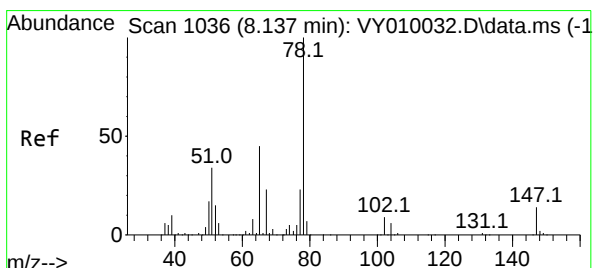
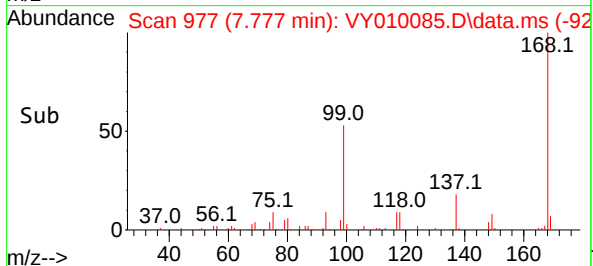
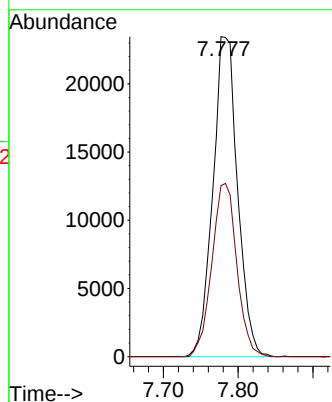
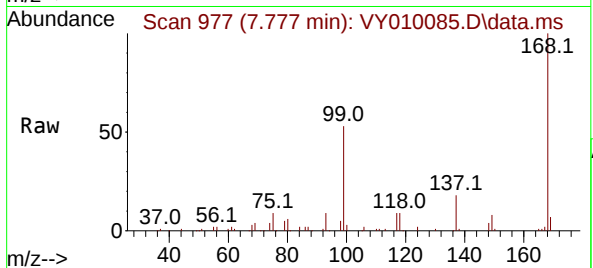




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY010085.D
Acq: 18 Aug 2022 15:59

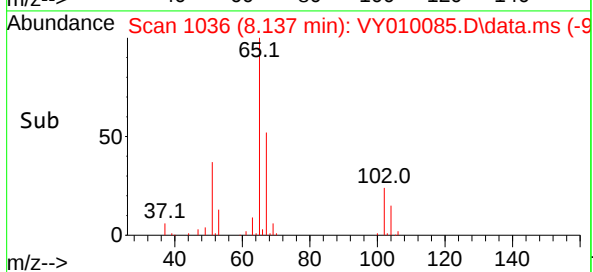
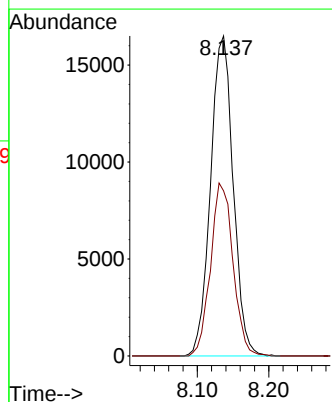
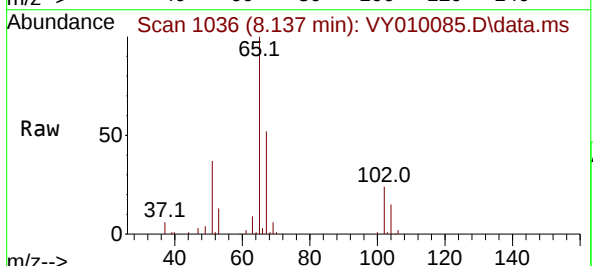
Instrument :
MSVOA_Y
ClientSampleId :
S4

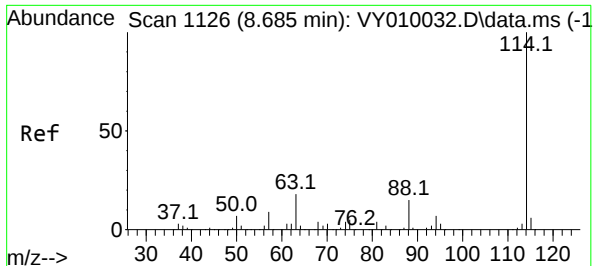
Tgt Ion:168 Resp: 53954
Ion Ratio Lower Upper
168 100
99 53.4 37.7 56.5



#33
1,2-Dichloroethane-d4
Concen: 67.194 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY010085.D
Acq: 18 Aug 2022 15:59

Tgt Ion: 65 Resp: 36249
Ion Ratio Lower Upper
65 100
67 53.7 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: VY010085.D

Acq: 18 Aug 2022 15:59

Instrument :

MSVOA_Y

ClientSampleId :

S4

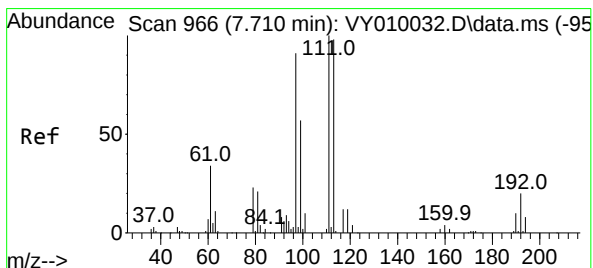
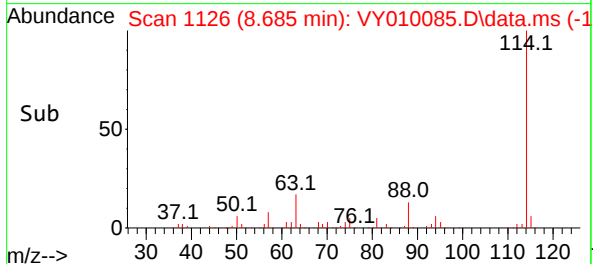
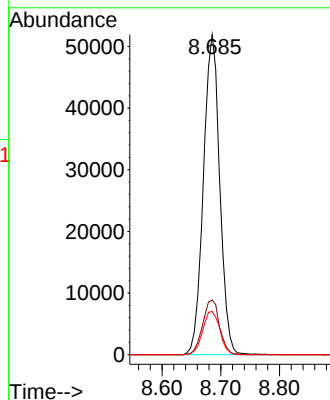
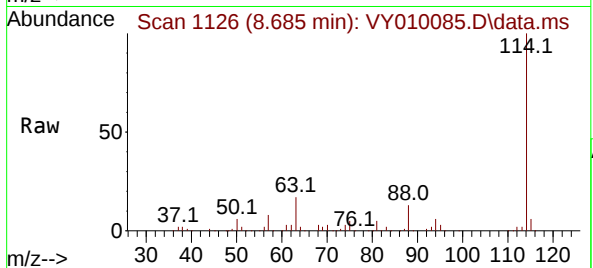
Tgt Ion:114 Resp: 100305

Ion Ratio Lower Upper

114 100

63 17.1 0.0 35.2

88 13.5 0.0 30.2



#35

Dibromofluoromethane

Concen: 53.630 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY010085.D

Acq: 18 Aug 2022 15:59

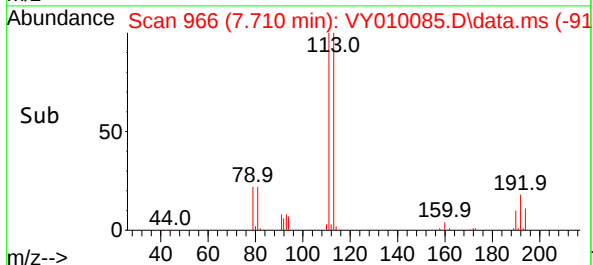
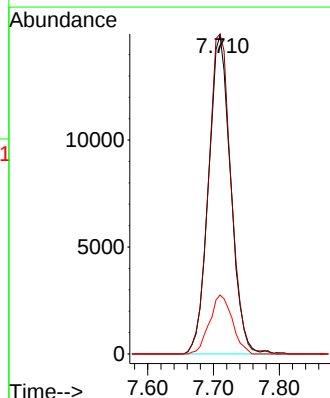
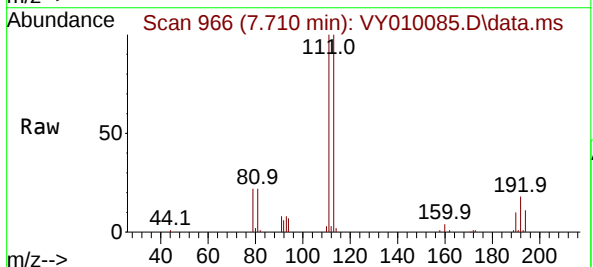
Tgt Ion:113 Resp: 34885

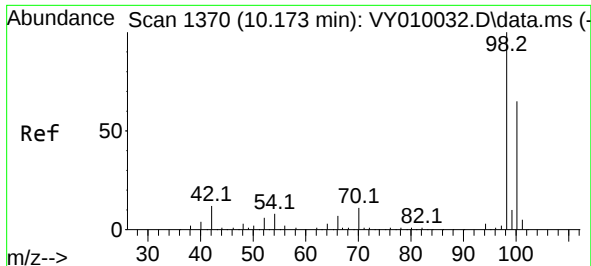
Ion Ratio Lower Upper

113 100

111 102.5 82.7 124.1

192 19.0 17.2 25.8

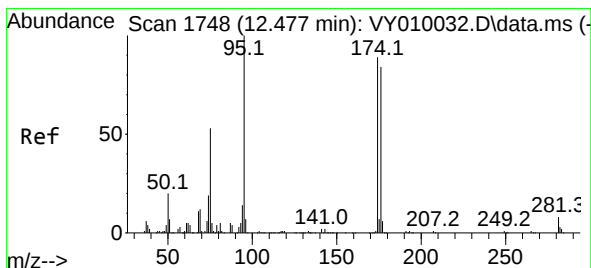
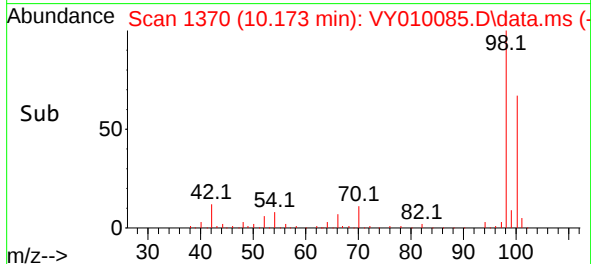
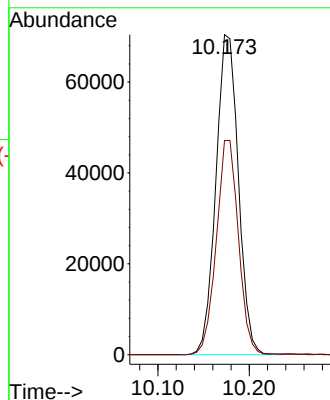
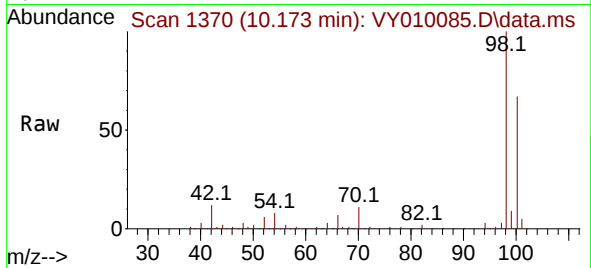




#50
Toluene-d8
Concen: 50.149 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010085.D
Acq: 18 Aug 2022 15:59

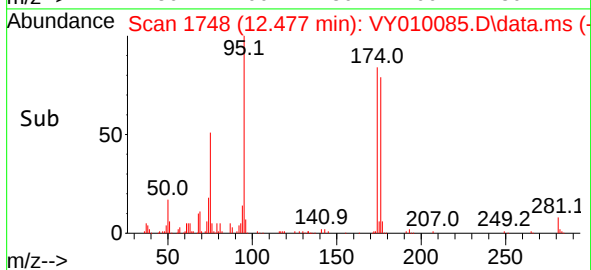
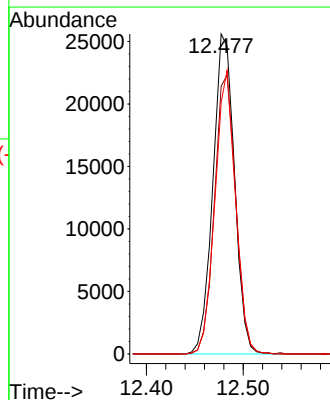
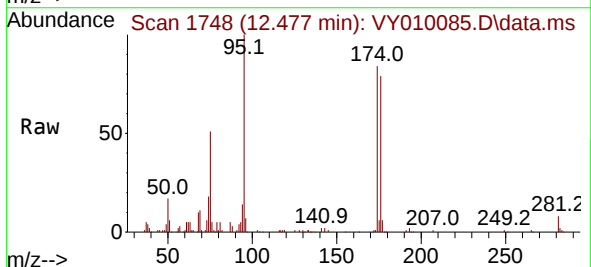
Instrument :
MSVOA_Y
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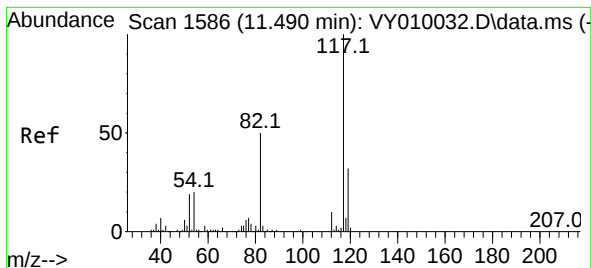
Tgt Ion: 98 Resp: 120689
Ion Ratio Lower Upper
98 100
100 65.9 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 46.881 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY010085.D
Acq: 18 Aug 2022 15:59

Tgt Ion: 95 Resp: 39628
Ion Ratio Lower Upper
95 100
174 86.1 0.0 184.2
176 84.6 0.0 178.4

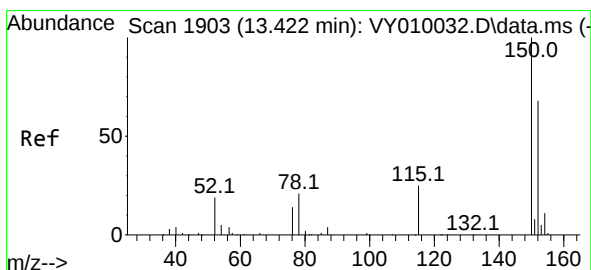
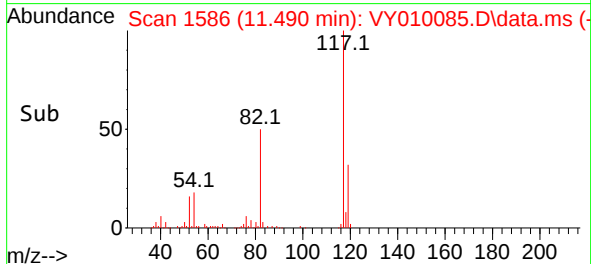
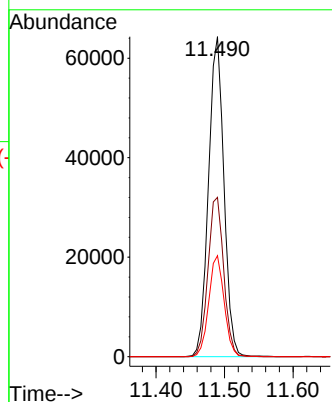
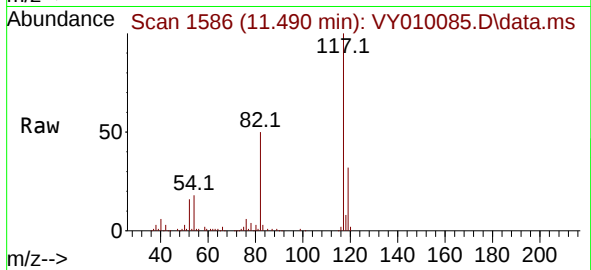




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010085.D
Acq: 18 Aug 2022 15:59

Instrument :
MSVOA_Y
ClientSampleId :
S4

Tgt Ion:117	Resp:	100741
Ion	Ratio	Lower Upper
117	100	
82	49.8	39.8 59.6
119	31.6	25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY010085.D
Acq: 18 Aug 2022 15:59

Tgt Ion:152	Resp:	44527
Ion	Ratio	Lower Upper
152	100	
115	57.6	28.1 84.3
150	156.3	0.0 346.6

