

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101421\
 Data File : VY006389.D
 Acq On : 14 Oct 2021 11:30
 Operator : SY/MD
 Sample : VY1014SBL01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1014SBL01

Quant Time: Oct 15 00:12:48 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y092821S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 28 17:44:36 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	126762	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	208936	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	198085	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	91903	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	79044	58.261	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	116.520%
35) Dibromofluoromethane	7.722	113	61744	55.313	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.620%
50) Toluene-d8	10.179	98	268162	57.401	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	114.800%
62) 4-Bromofluorobenzene	12.483	95	81950	51.636	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	103.280%

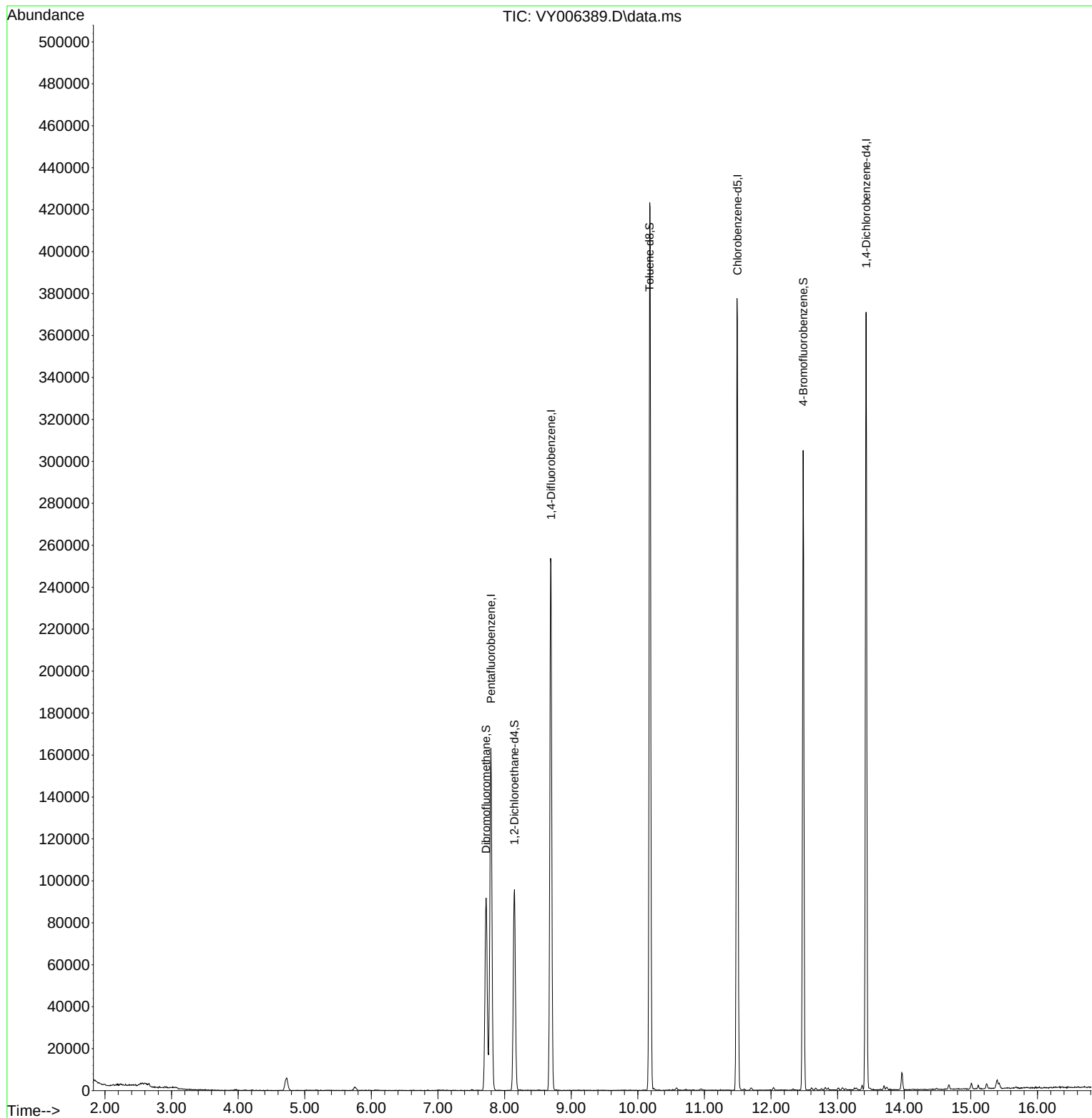
Target Compounds	Qvalue

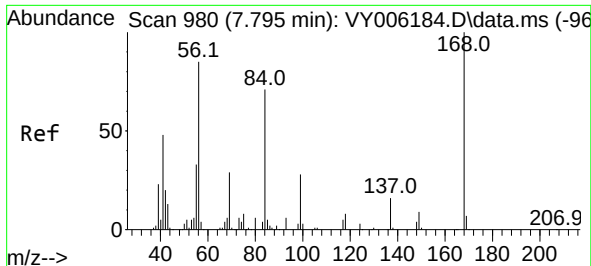
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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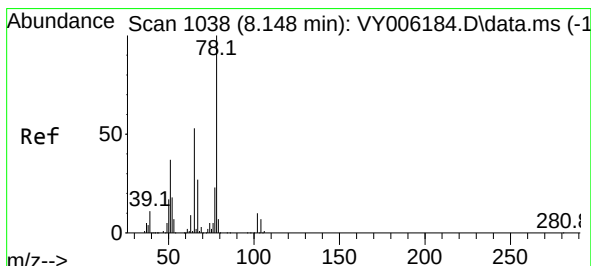
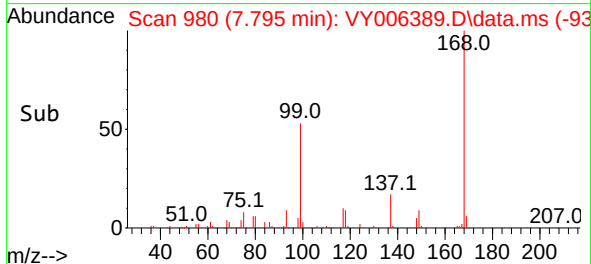
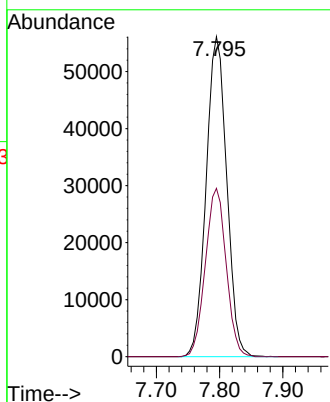
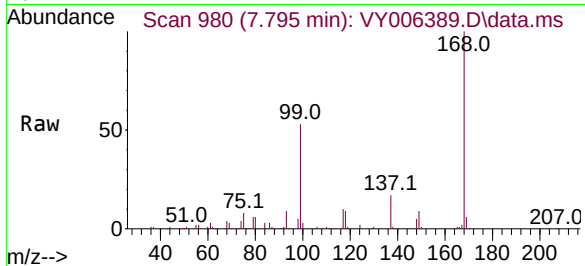




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY006389.D
Acq: 14 Oct 2021 11:30

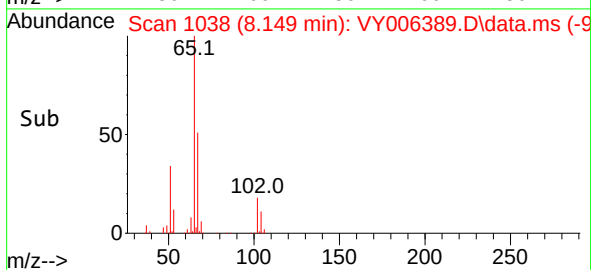
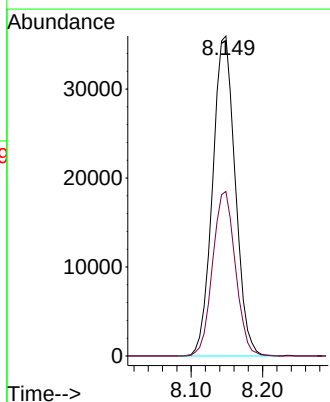
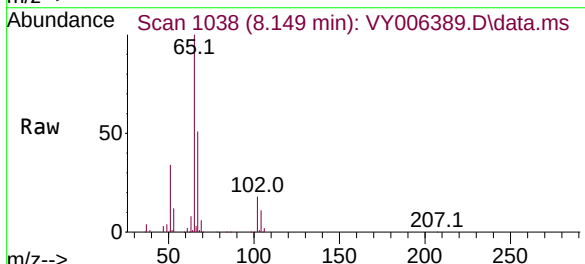
Instrument :
MSVOA_Y
ClientSampleId :
VY1014SBL01

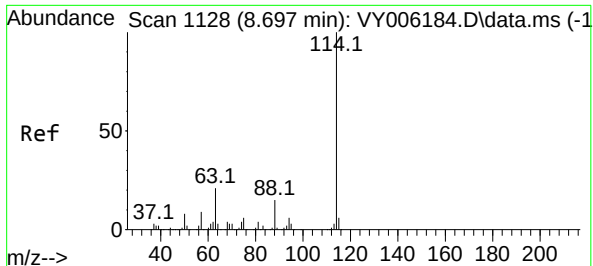
Tgt Ion:168 Resp: 126762
Ion Ratio Lower Upper
168 100
99 52.6 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 58.261 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY006389.D
Acq: 14 Oct 2021 11:30

Tgt Ion: 65 Resp: 79044
Ion Ratio Lower Upper
65 100
67 51.8 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VY006389.D

Acq: 14 Oct 2021 11:30

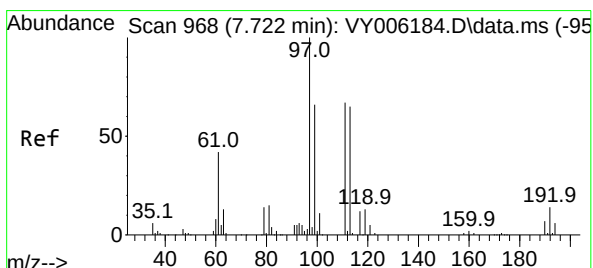
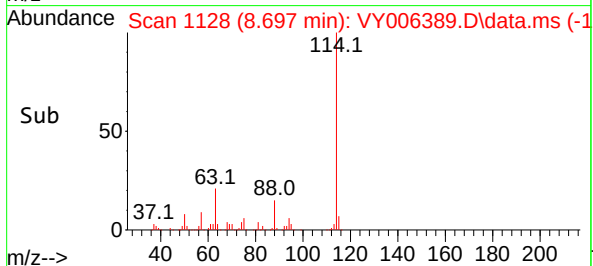
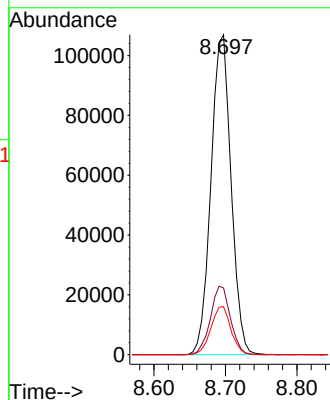
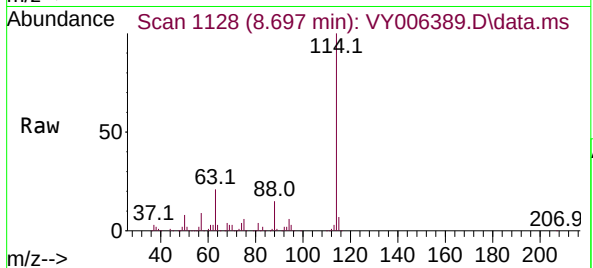
Tgt Ion:114 Resp: 208936

Ion Ratio Lower Upper

114 100

63 20.8 0.0 43.2

88 15.0 0.0 31.8



#35

Dibromofluoromethane

Concen: 55.313 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.000 min

Lab File: VY006389.D

Acq: 14 Oct 2021 11:30

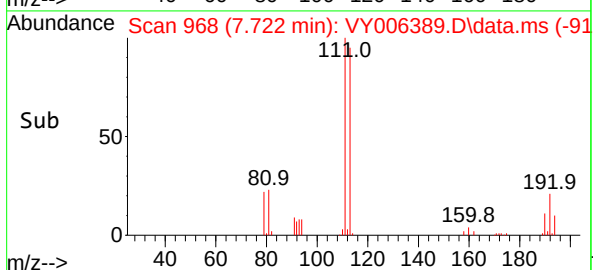
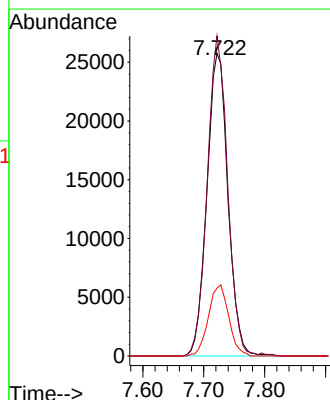
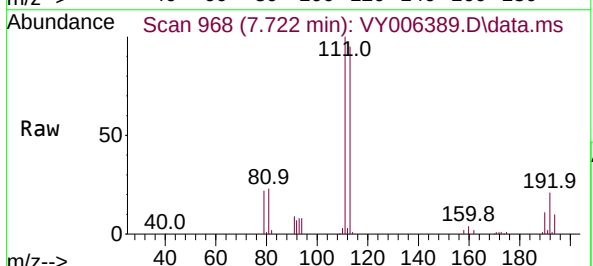
Tgt Ion:113 Resp: 61744

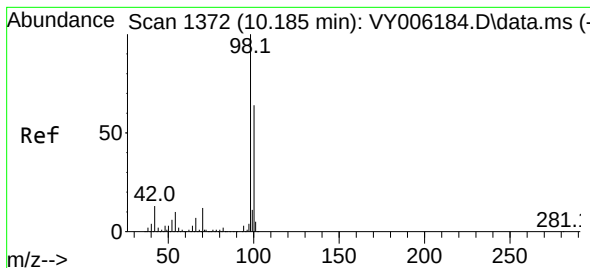
Ion Ratio Lower Upper

113 100

111 102.2 82.6 124.0

192 22.7 17.6 26.4

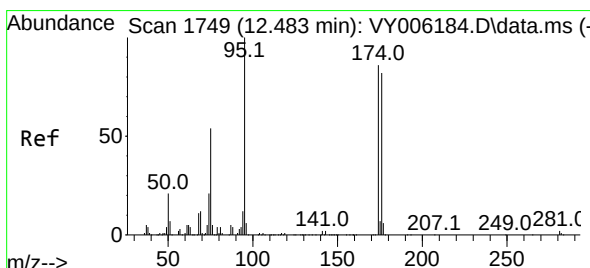
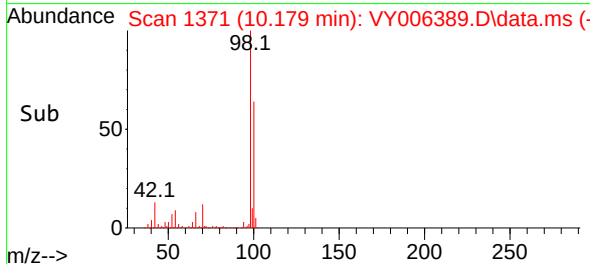
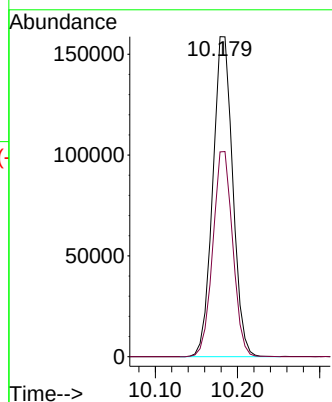
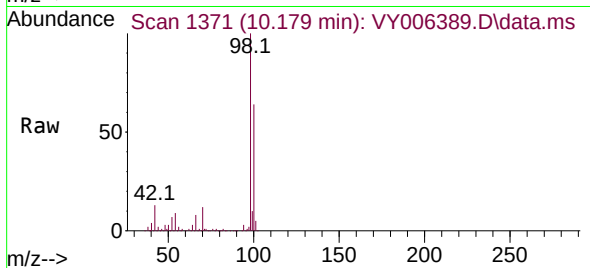




#50
Toluene-d8
Concen: 57.401 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY006389.D
Acq: 14 Oct 2021 11:30

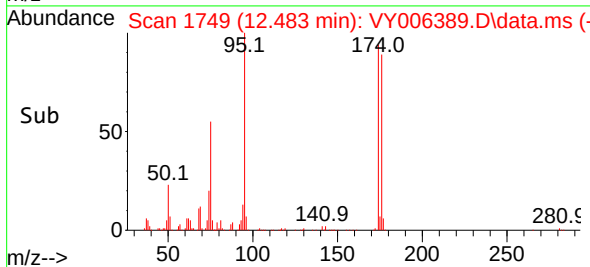
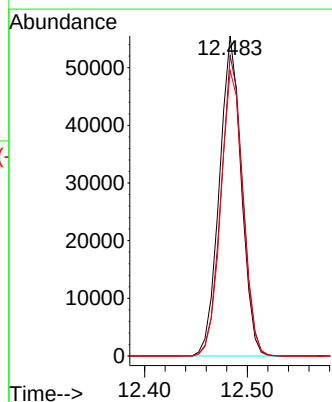
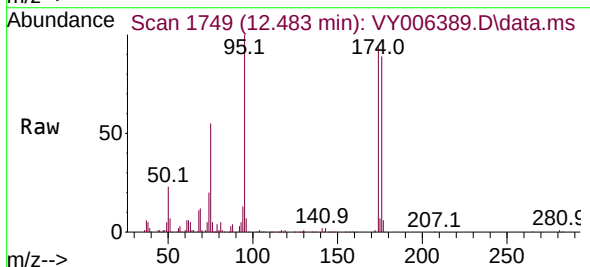
Instrument :
MSVOA_Y
ClientSampleId :
VY1014SBL01

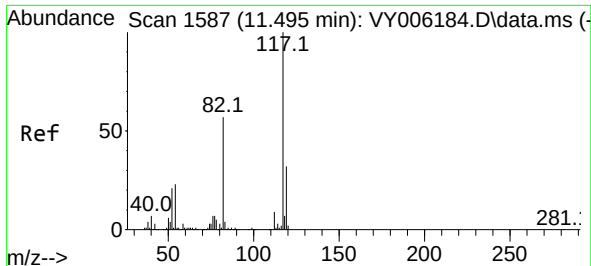
Tgt Ion: 98 Resp: 268162
Ion Ratio Lower Upper
98 100
100 63.7 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 51.636 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006389.D
Acq: 14 Oct 2021 11:30

Tgt Ion: 95 Resp: 81950
Ion Ratio Lower Upper
95 100
174 93.8 0.0 177.0
176 90.3 0.0 175.8

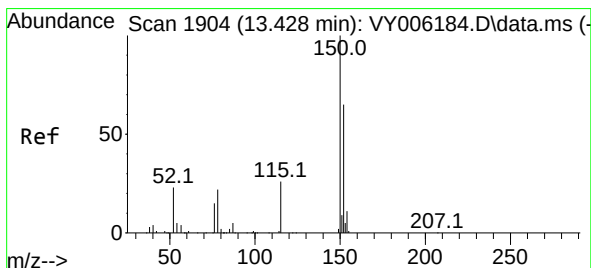
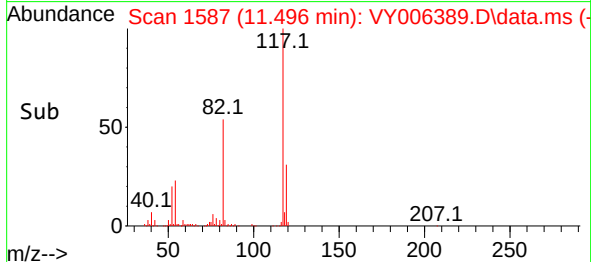
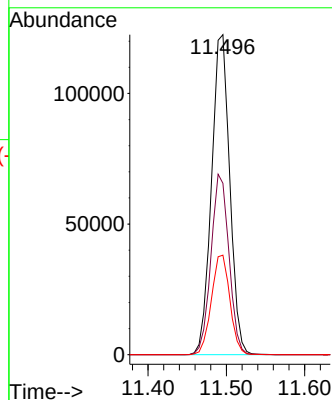
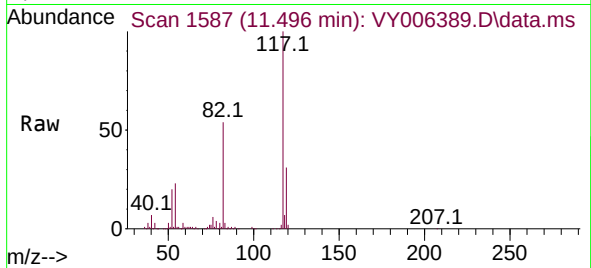




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY006389.D
Acq: 14 Oct 2021 11:30

Instrument :
MSVOA_Y
ClientSampleId :
VY1014SBL01

Tgt Ion:	117	Resp:	198085
Ion Ratio	Lower	Upper	
117	100		
82	53.5	43.0	64.4
119	31.1	25.4	38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY006389.D
Acq: 14 Oct 2021 11:30

Tgt Ion:	152	Resp:	91903
Ion Ratio	Lower	Upper	
152	100		
115	55.3	28.2	84.7
150	156.1	0.0	347.6

