

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031022\
 Data File : VY007835.D
 Acq On : 10 Mar 2022 19:06
 Operator : SY/MD
 Sample : N1763-10
 Misc : 5.68g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 5-6-SAMPLE-LOCATION-3

Quant Time: Mar 10 23:59:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022822S.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 01 09:08:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	211210	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	371028	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	337879	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	139848	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	144824	65.496	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	131.000%
35) Dibromofluoromethane	7.722	113	126334	53.258	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.520%
50) Toluene-d8	10.179	98	460684	52.759	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.520%
62) 4-Bromofluorobenzene	12.483	95	133348	47.376	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	94.760%

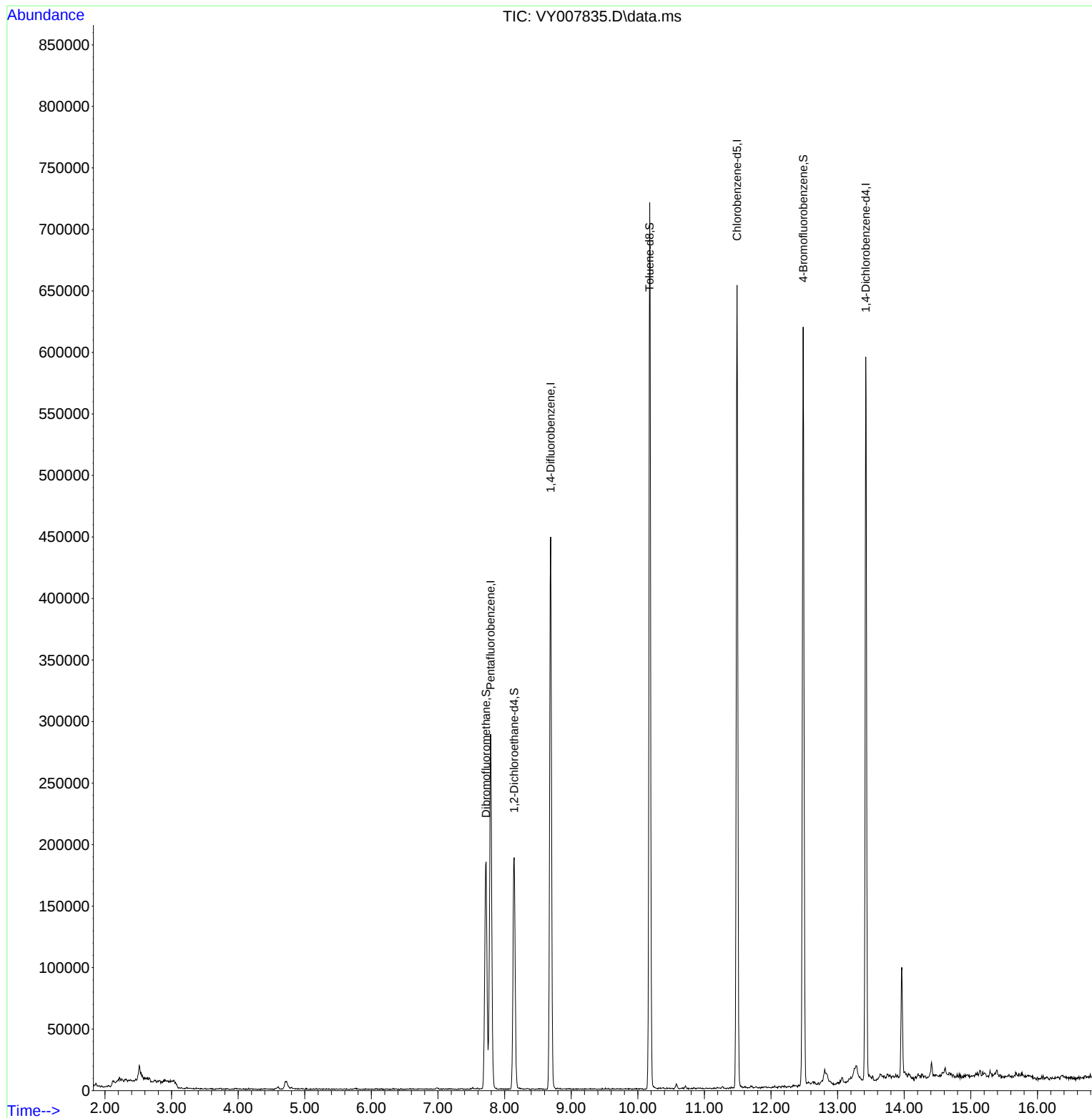
Target Compounds	Qvalue

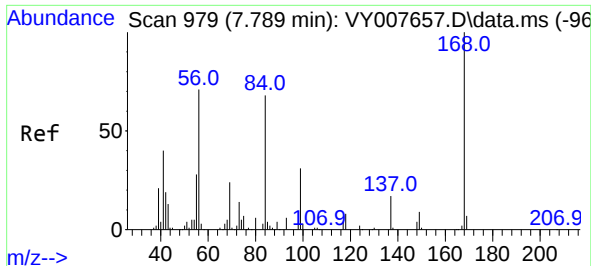
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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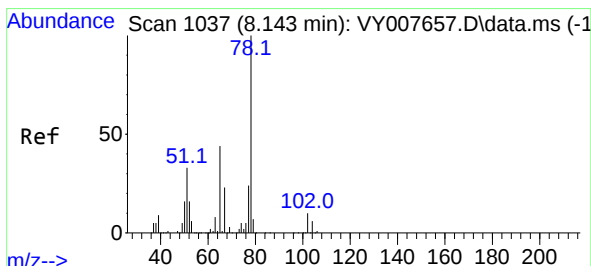
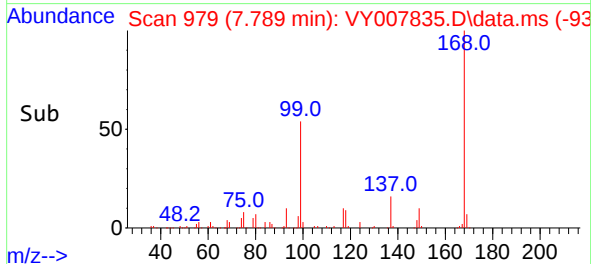
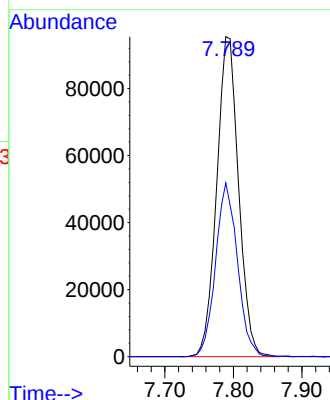
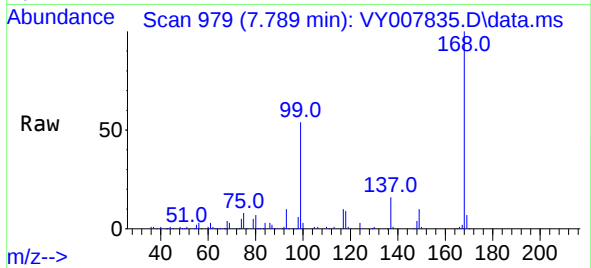




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007835.D
Acq: 10 Mar 2022 19:06

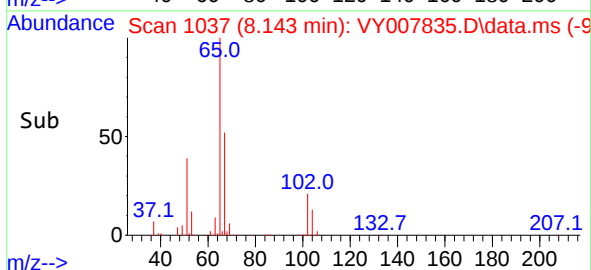
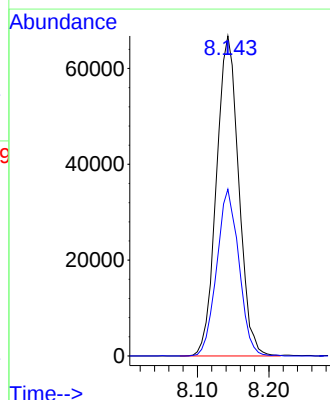
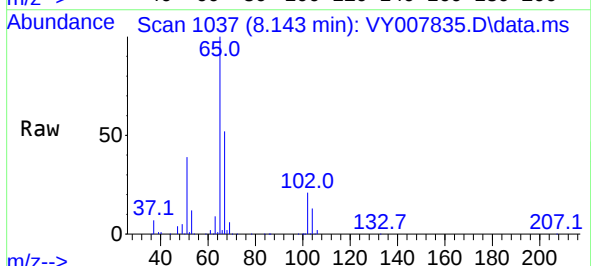
Instrument :
MSVOA_Y
ClientSampleId :
5-6-SAMPLE-LOCATION-3

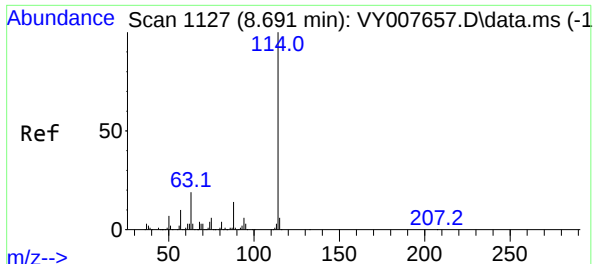
Tgt Ion:168 Resp: 211210
Ion Ratio Lower Upper
168 100
99 54.3 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 65.496 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY007835.D
Acq: 10 Mar 2022 19:06

Tgt Ion: 65 Resp: 144824
Ion Ratio Lower Upper
65 100
67 51.8 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY007835.D

Acq: 10 Mar 2022 19:06

Instrument :

MSVOA_Y

ClientSampleId :

5-6-SAMPLE-LOCATION-3

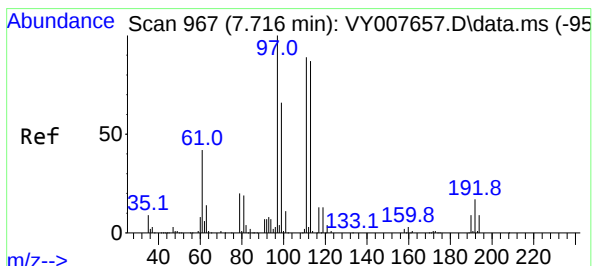
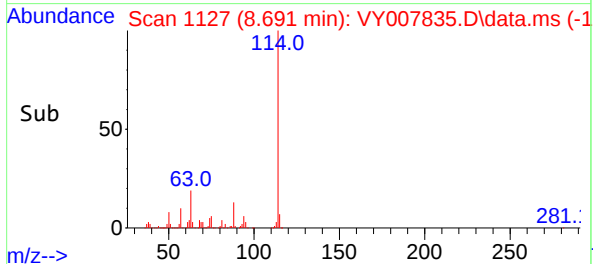
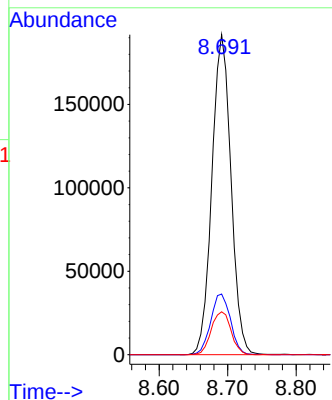
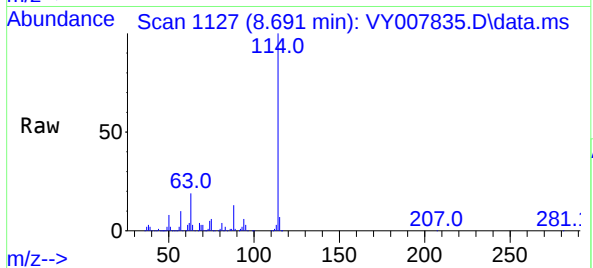
Tgt Ion:114 Resp: 371028

Ion Ratio Lower Upper

114 100

63 18.9 0.0 43.2

88 13.4 0.0 31.8



#35

Dibromofluoromethane

Concen: 53.258 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY007835.D

Acq: 10 Mar 2022 19:06

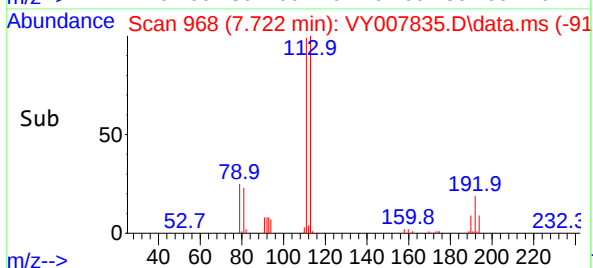
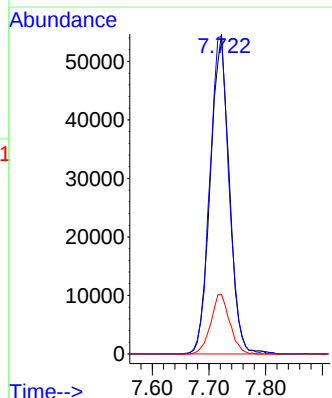
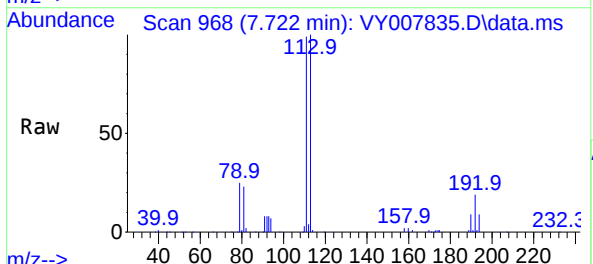
Tgt Ion:113 Resp: 126334

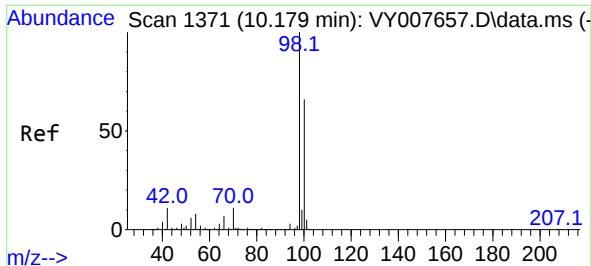
Ion Ratio Lower Upper

113 100

111 101.6 82.6 124.0

192 18.7 17.6 26.4

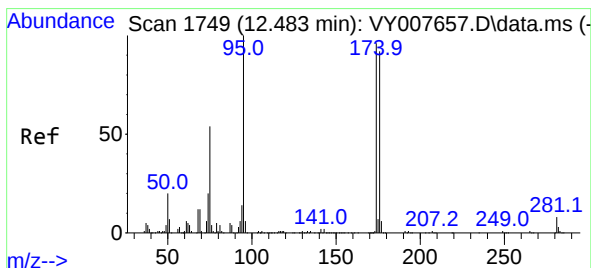
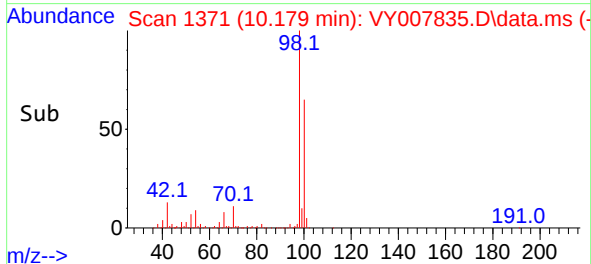
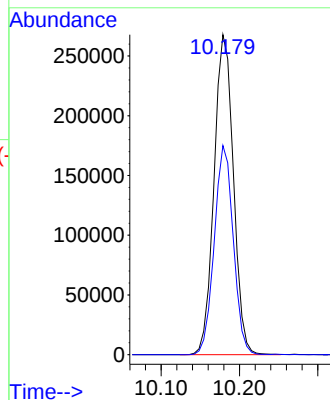
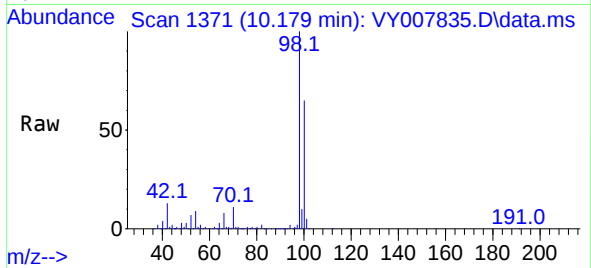




#50
Toluene-d8
Concen: 52.759 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY007835.D
Acq: 10 Mar 2022 19:06

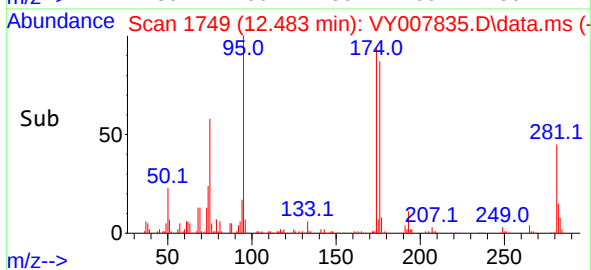
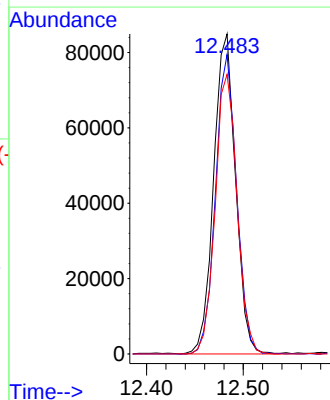
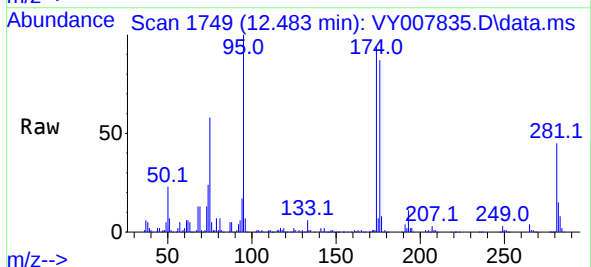
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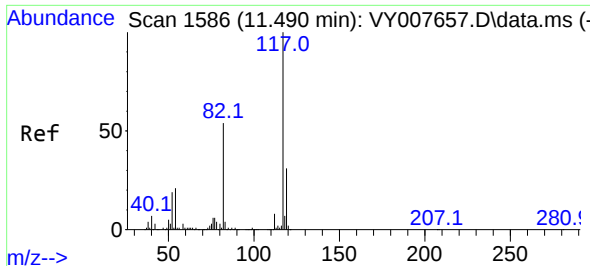
Tgt Ion: 98 Resp: 460684
Ion Ratio Lower Upper
98 100
100 64.1 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 47.376 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007835.D
Acq: 10 Mar 2022 19:06

Tgt Ion: 95 Resp: 133348
Ion Ratio Lower Upper
95 100
174 90.4 0.0 177.0
176 87.2 0.0 175.8

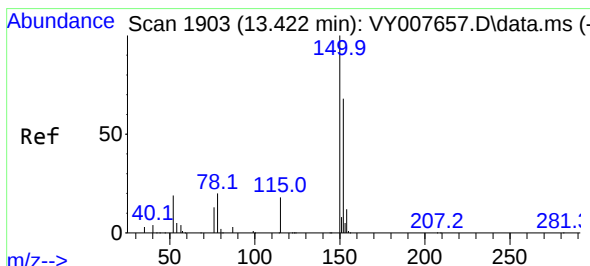
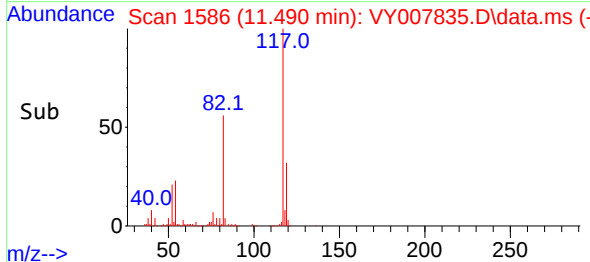
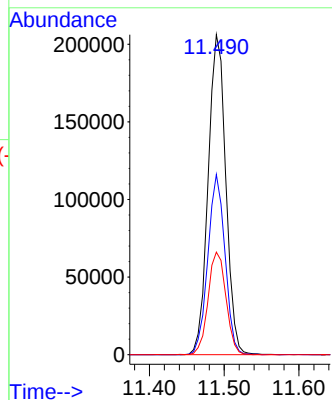
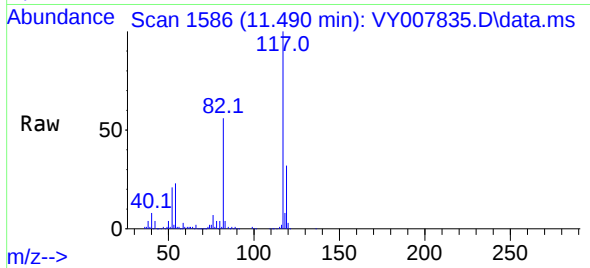




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1170
Delta R.T. -0.001 min
Lab File: VY007835.D
Acq: 10 Mar 2022 19:06

Instrument :
MSVOA_Y
ClientSampleId :
5-6-SAMPLE-LOCATION-3

Tgt Ion:117 Resp: 337879
Ion Ratio Lower Upper
117 100
82 56.3 43.0 64.4
119 32.1 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY007835.D
Acq: 10 Mar 2022 19:06

Tgt Ion:152 Resp: 139848
Ion Ratio Lower Upper
152 100
115 56.4 28.2 84.7
150 159.1 0.0 347.6

