

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041422\
 Data File : VY008338.D
 Acq On : 14 Apr 2022 19:22
 Operator : KP/MD
 Sample : N2401-08
 Misc : 3.86g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CL-8-11.5

Quant Time: Apr 15 06:17:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y040822S.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 08 16:02:50 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	101935	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	184388	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	177170	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	80905	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	58517	61.114	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	122.220%
35) Dibromofluoromethane	7.716	113	58369	54.807	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.620%
50) Toluene-d8	10.179	98	222520	61.062	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	122.120%
62) 4-Bromofluorobenzene	12.483	95	79233	57.806	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	115.620%

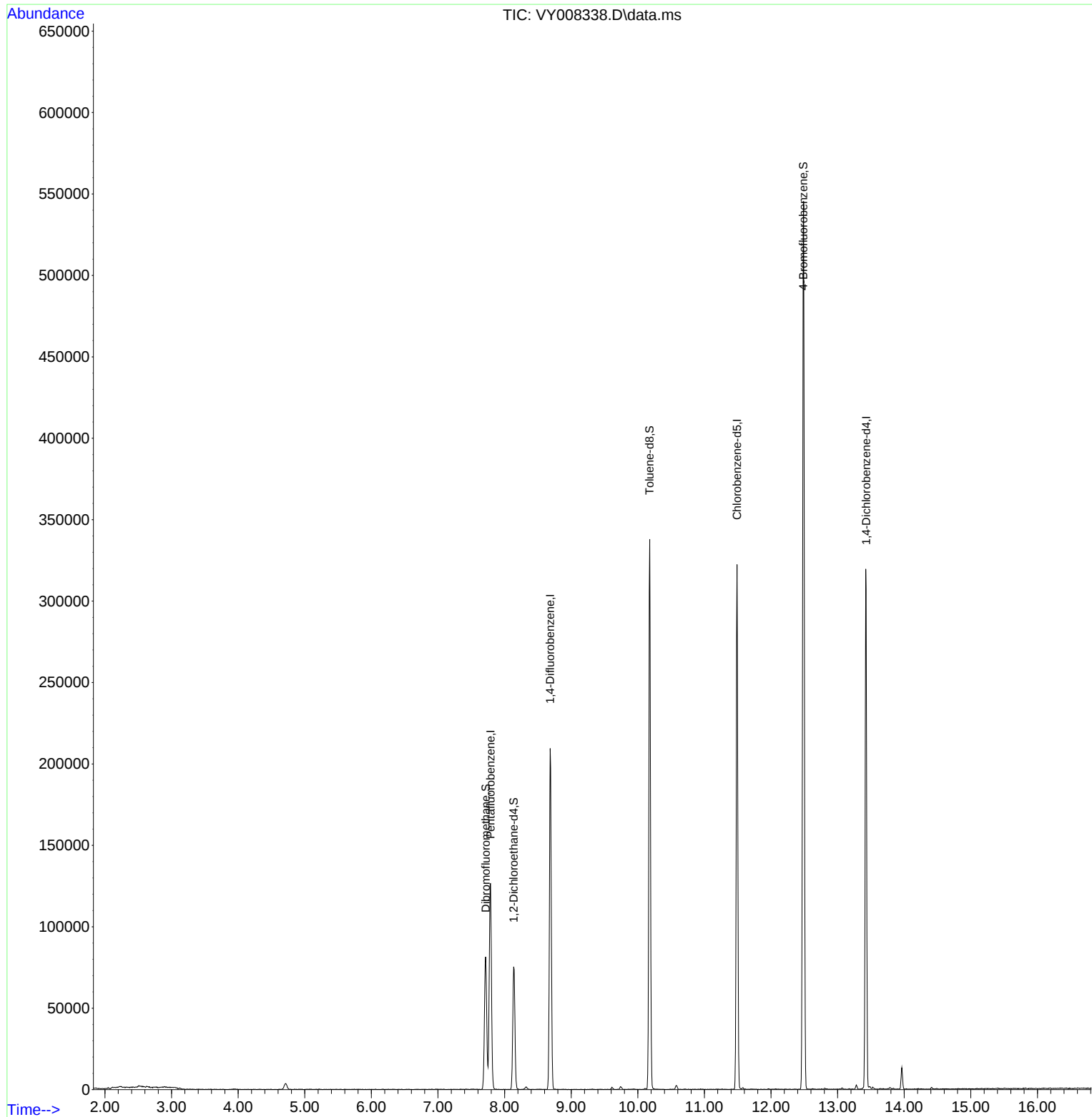
Target Compounds	Qvalue

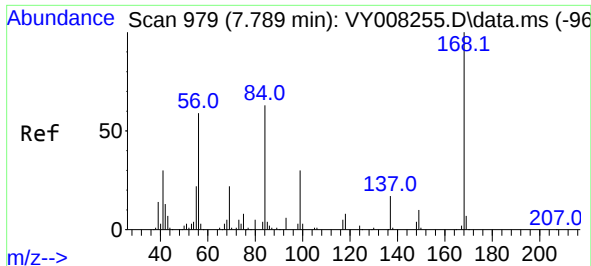
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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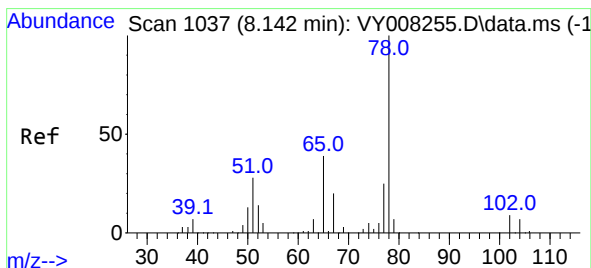
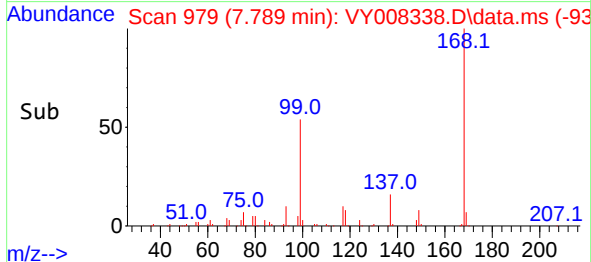
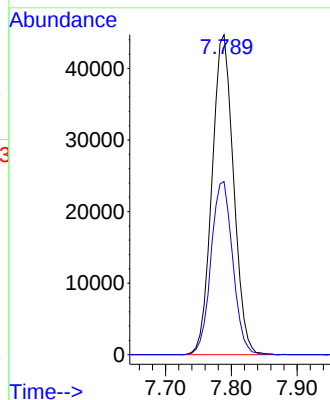
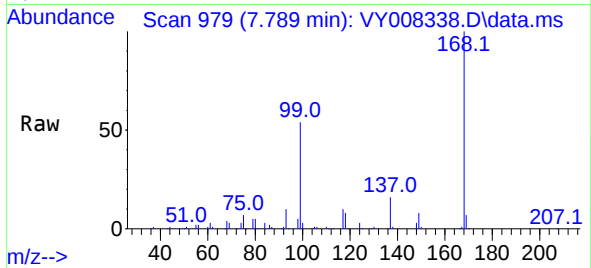




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008338.D
Acq: 14 Apr 2022 19:22

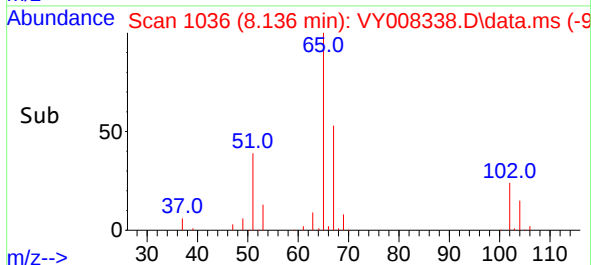
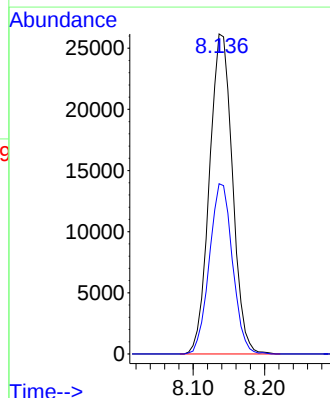
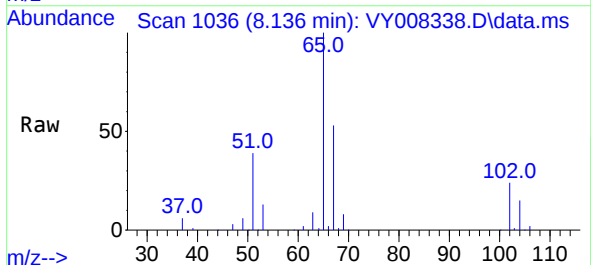
Instrument :
MSVOA_Y
ClientSampleId :
CL-8-11.5

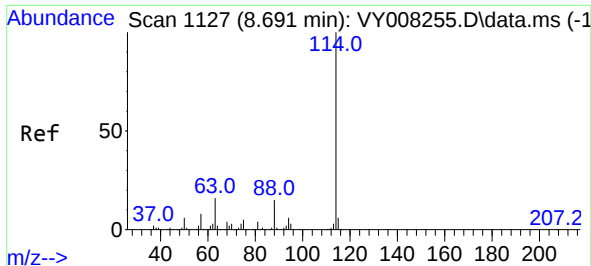
Tgt Ion:168 Resp: 101935
Ion Ratio Lower Upper
168 100
99 54.1 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 61.114 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY008338.D
Acq: 14 Apr 2022 19:22

Tgt Ion: 65 Resp: 58517
Ion Ratio Lower Upper
65 100
67 53.5 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1127

Delta R.T. -0.006 min

Lab File: VY008338.D

Acq: 14 Apr 2022 19:22

Instrument :

MSVOA_Y

ClientSampleId :

CL-8-11.5

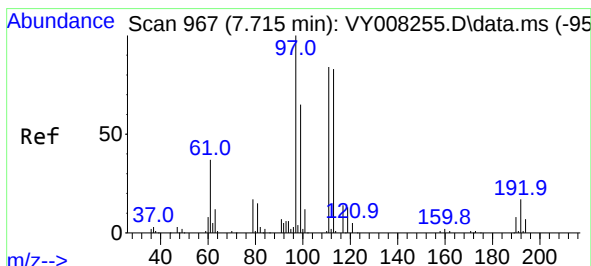
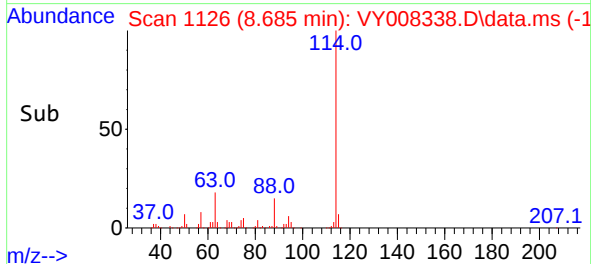
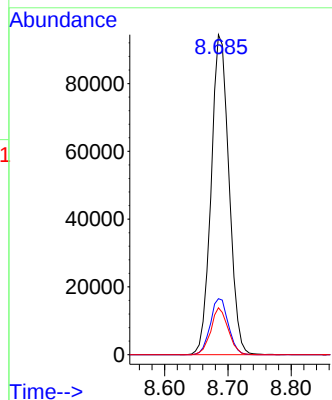
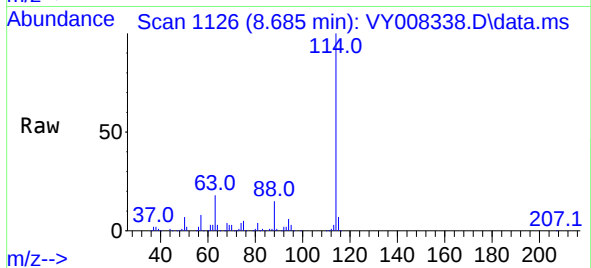
Tgt Ion:114 Resp: 184388

Ion Ratio Lower Upper

114 100

63 17.5 0.0 43.2

88 14.7 0.0 31.8



#35

Dibromofluoromethane

Concen: 54.807 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.001 min

Lab File: VY008338.D

Acq: 14 Apr 2022 19:22

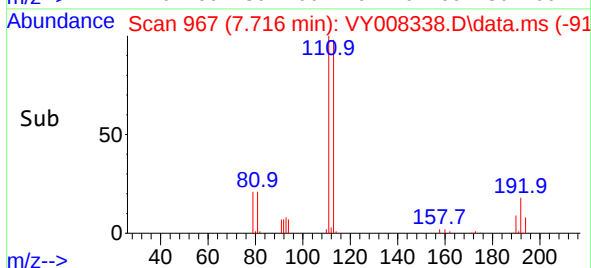
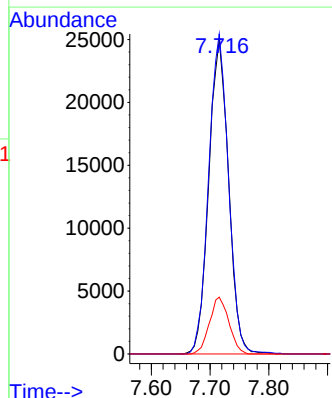
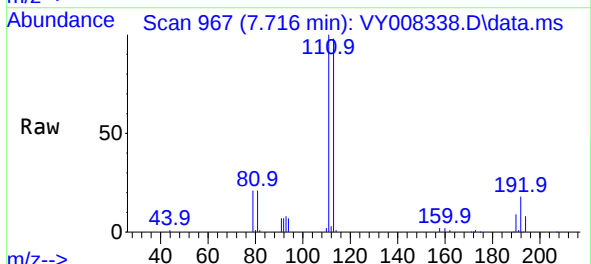
Tgt Ion:113 Resp: 58369

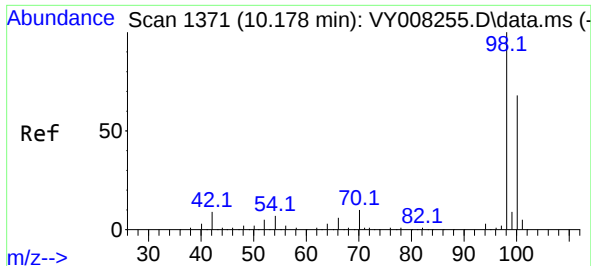
Ion Ratio Lower Upper

113 100

111 102.2 82.6 124.0

192 17.7 17.6 26.4

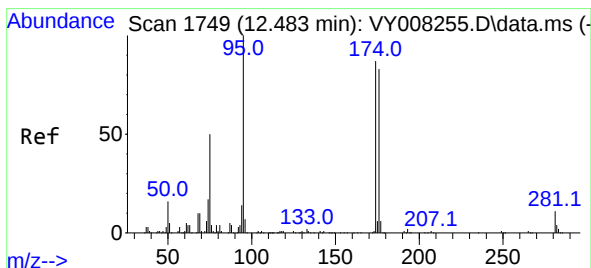
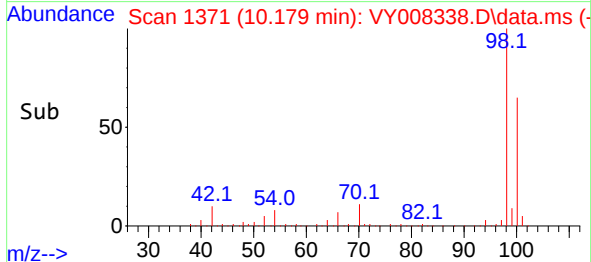
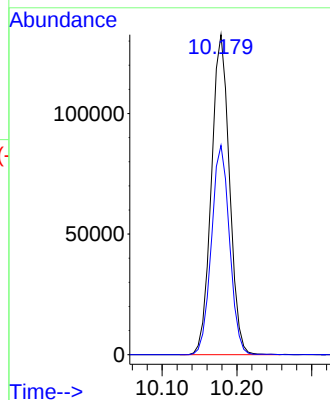
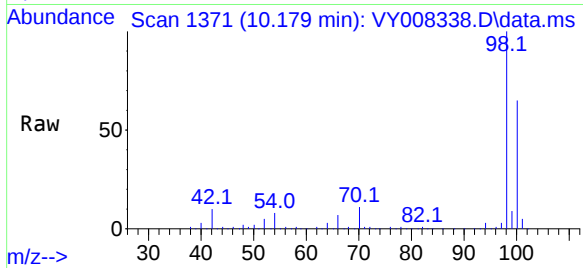




#50
Toluene-d8
Concen: 61.062 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY008338.D
Acq: 14 Apr 2022 19:22

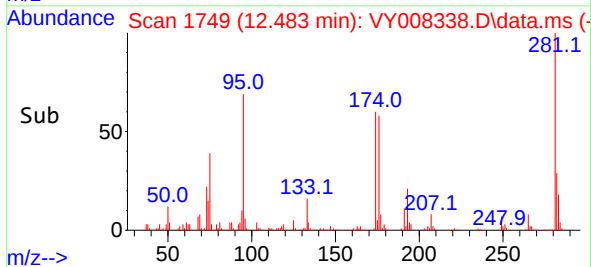
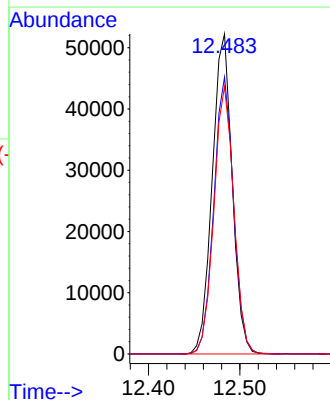
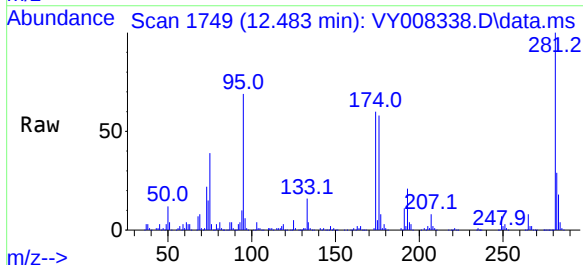
Instrument :
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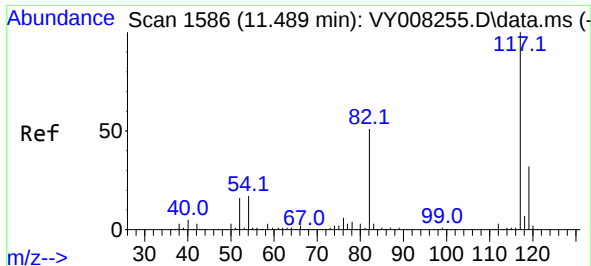
Tgt Ion: 98 Resp: 222520
Ion Ratio Lower Upper
98 100
100 65.5 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 57.806 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008338.D
Acq: 14 Apr 2022 19:22

Tgt Ion: 95 Resp: 79233
Ion Ratio Lower Upper
95 100
174 85.5 0.0 177.0
176 83.5 0.0 175.8

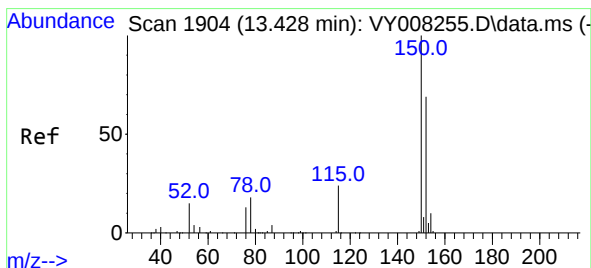
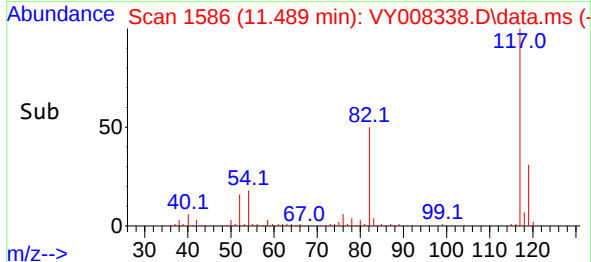
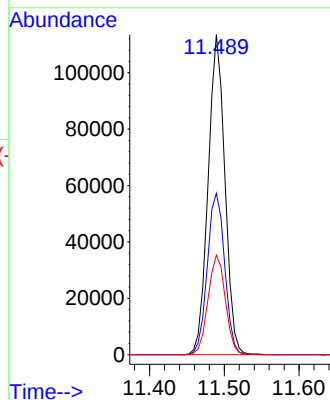
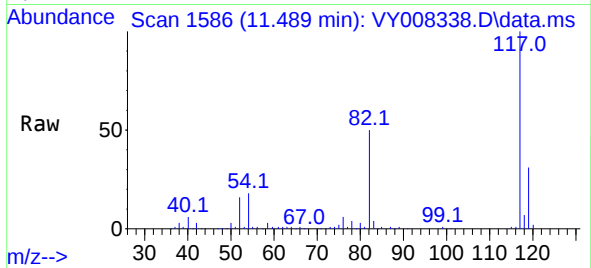




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1171
Delta R.T. 0.000 min
Lab File: VY008338.D
Acq: 14 Apr 2022 19:22

Instrument :
MSVOA_Y
ClientSampleId :
CL-8-11.5

Tgt Ion:117 Resp: 177170
Ion Ratio Lower Upper
117 100
82 50.4 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: VY008338.D
Acq: 14 Apr 2022 19:22

Tgt Ion:152 Resp: 80905
Ion Ratio Lower Upper
152 100
115 58.2 28.2 84.7
150 155.8 0.0 347.6

