

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041422\
 Data File : VY008331.D
 Acq On : 14 Apr 2022 16:38
 Operator : KP/MD
 Sample : N2401-01
 Misc : 4.35g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CL-1-11.5

Quant Time: Apr 15 06:15:44 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	109791	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	199787	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	194669	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	93528	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	64610	62.650	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	125.300%
35) Dibromofluoromethane	7.710	113	62707	54.342	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.680%
50) Toluene-d8	10.179	98	242554	61.429	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	122.860%
62) 4-Bromofluorobenzene	12.483	95	89992	60.595	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	121.180%

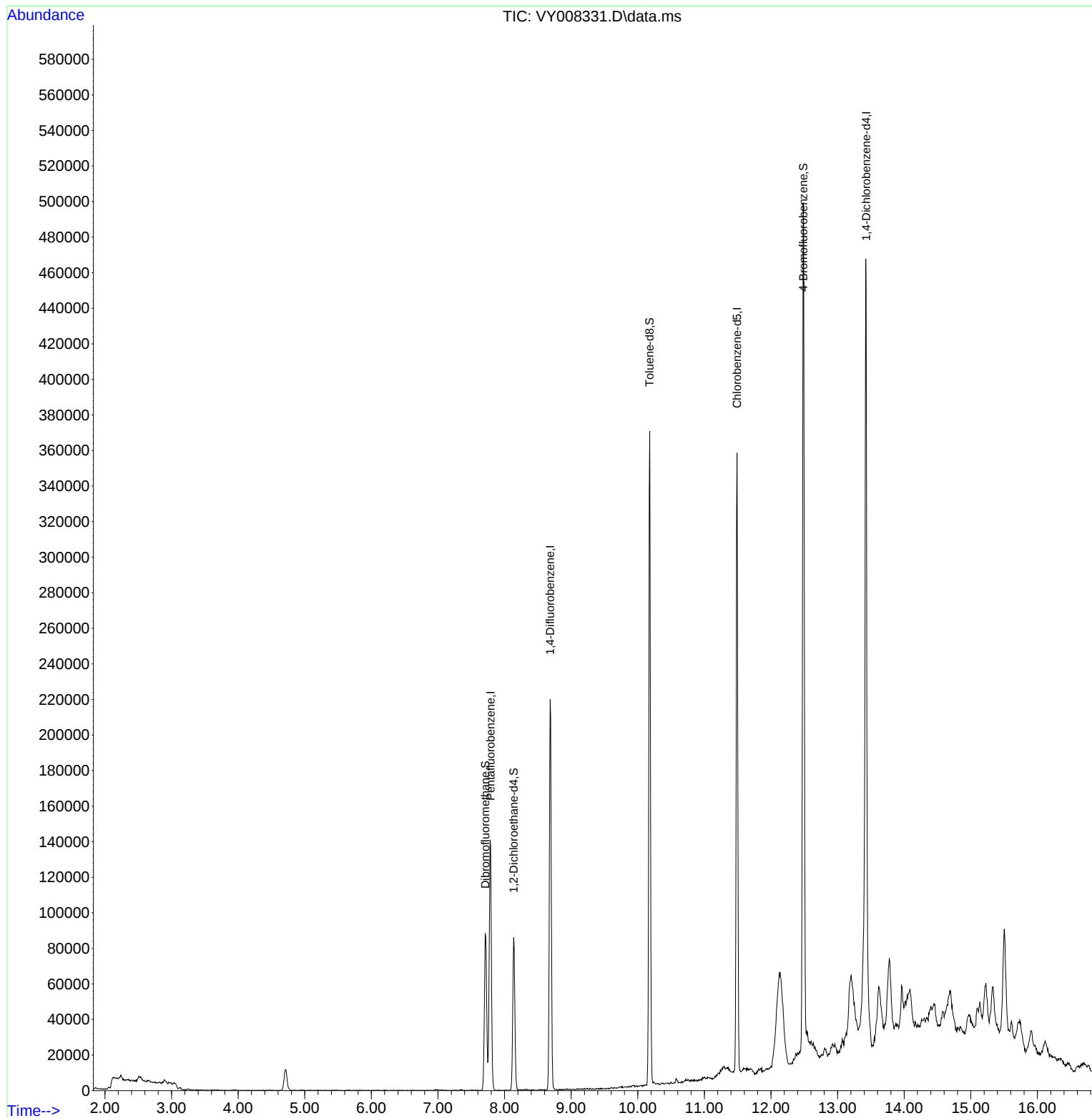
Target Compounds	Qvalue

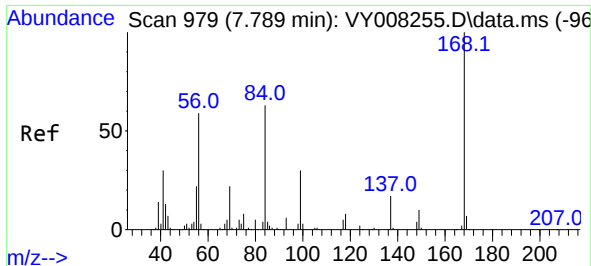
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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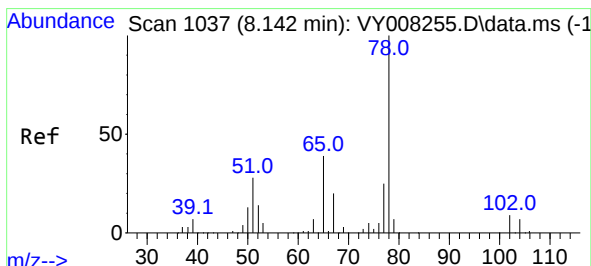
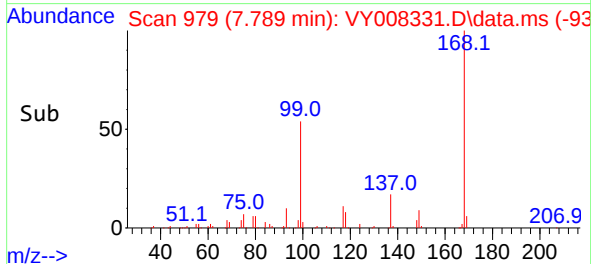
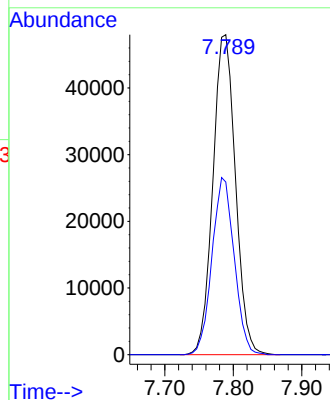
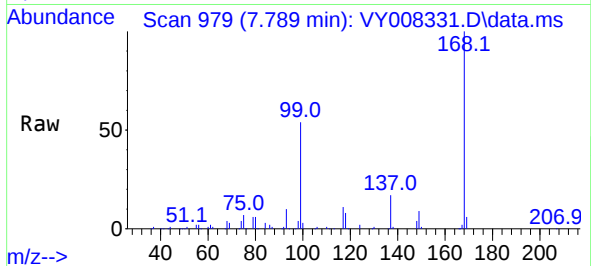




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY008331.D
Acq: 14 Apr 2022 16:38

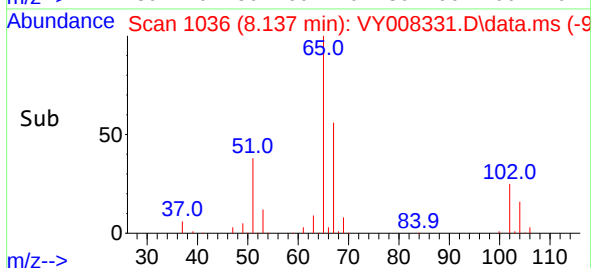
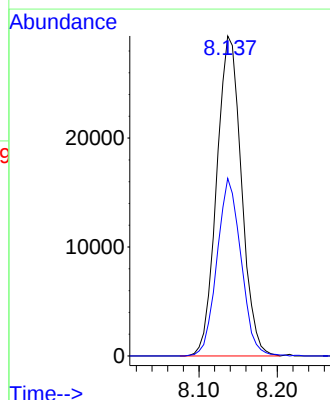
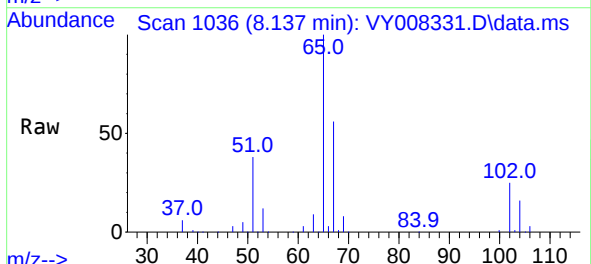
Instrument :
MSVOA_Y
ClientSampleId :
CL-1-11.5

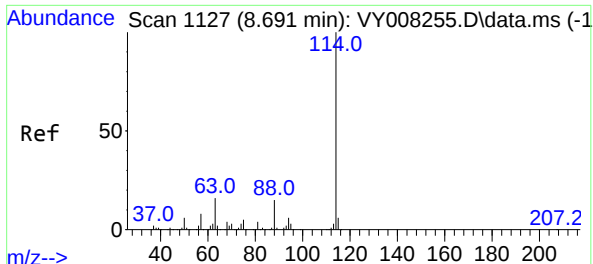
Tgt Ion:168 Resp: 109791
Ion Ratio Lower Upper
168 100
99 54.0 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 62.650 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. -0.005 min
Lab File: VY008331.D
Acq: 14 Apr 2022 16:38

Tgt Ion: 65 Resp: 64610
Ion Ratio Lower Upper
65 100
67 53.9 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY008331.D

Acq: 14 Apr 2022 16:38

Instrument :

MSVOA_Y

ClientSampleId :

CL-1-11.5

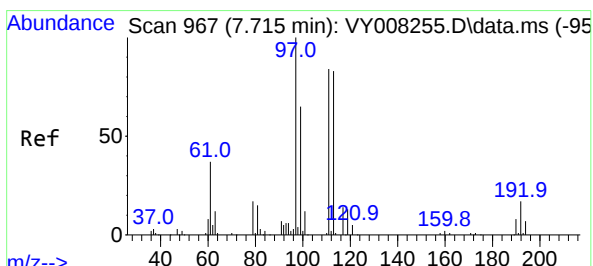
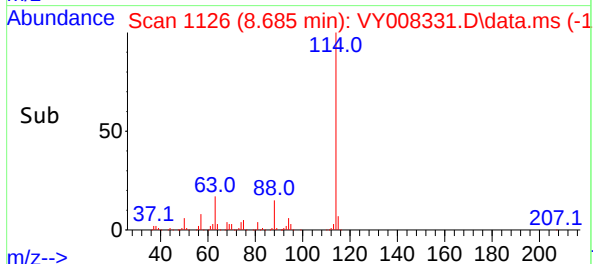
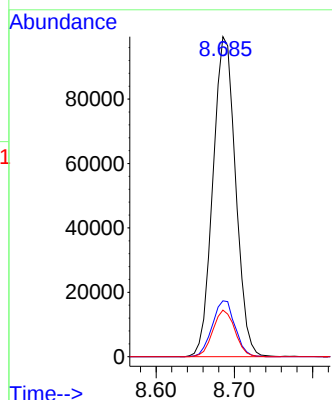
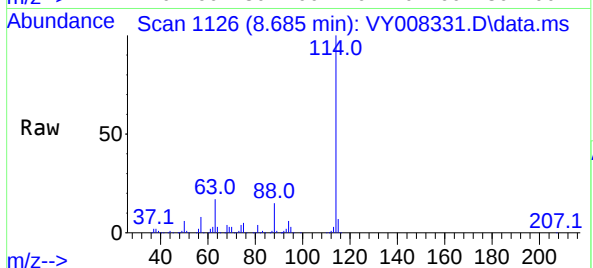
Tgt Ion:114 Resp: 199787

Ion Ratio Lower Upper

114 100

63 17.5 0.0 43.2

88 14.5 0.0 31.8



#35

Dibromofluoromethane

Concen: 54.342 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.005 min

Lab File: VY008331.D

Acq: 14 Apr 2022 16:38

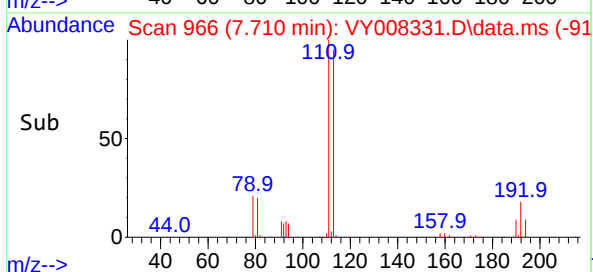
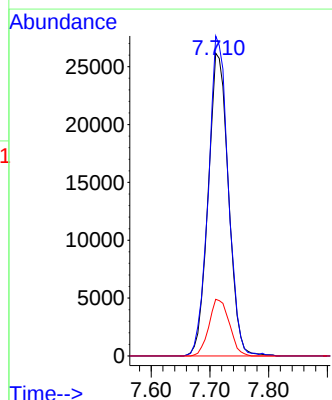
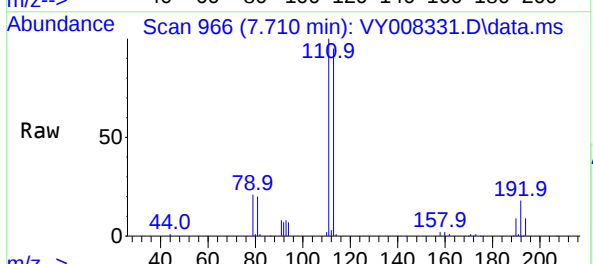
Tgt Ion:113 Resp: 62707

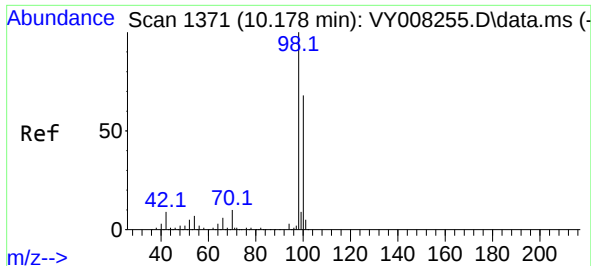
Ion Ratio Lower Upper

113 100

111 103.8 82.6 124.0

192 18.8 17.6 26.4

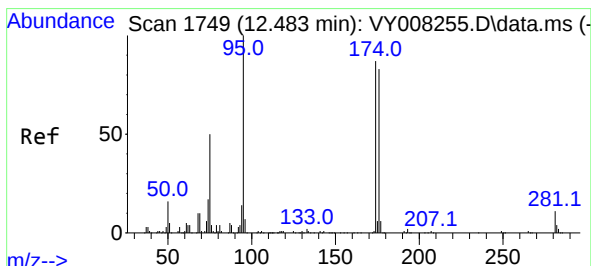
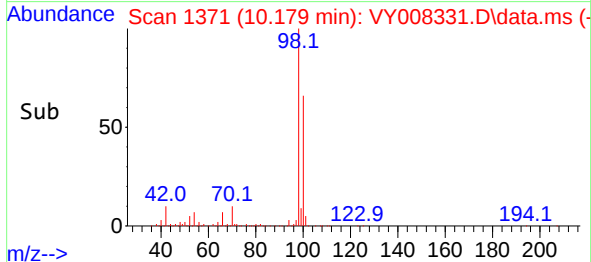
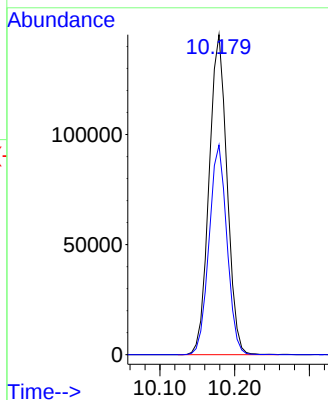
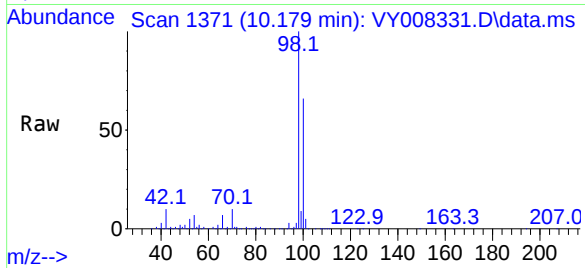




#50
Toluene-d8
Concen: 61.429 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.001 min
Lab File: VY008331.D
Acq: 14 Apr 2022 16:38

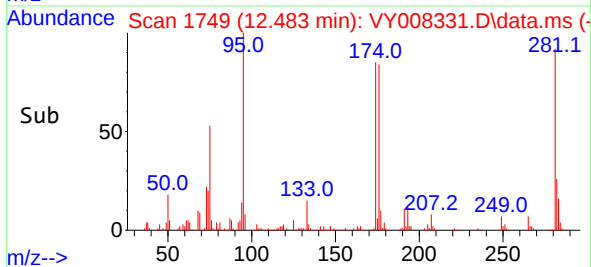
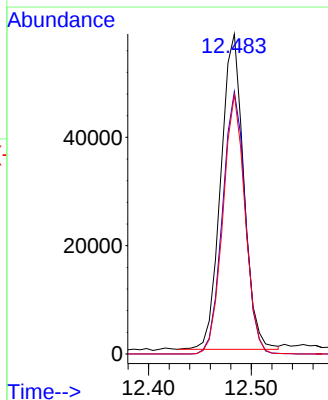
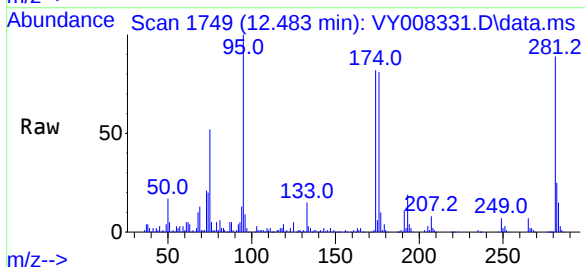
Instrument :
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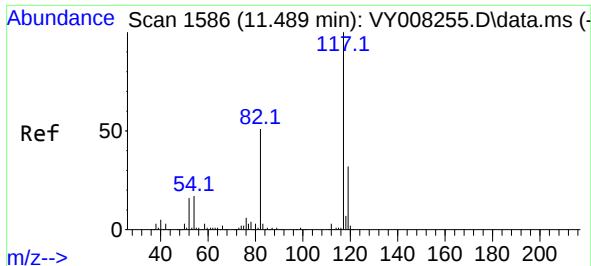
Tgt Ion: 98 Resp: 242554
Ion Ratio Lower Upper
98 100
100 65.1 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 60.595 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008331.D
Acq: 14 Apr 2022 16:38

Tgt Ion: 95 Resp: 89992
Ion Ratio Lower Upper
95 100
174 82.5 0.0 177.0
176 79.2 0.0 175.8

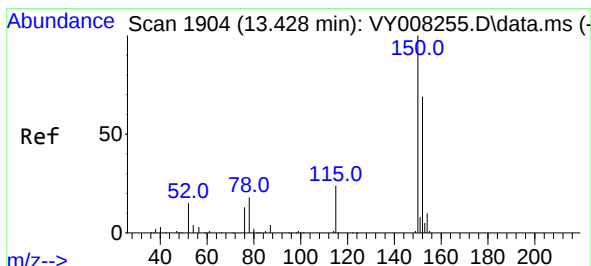
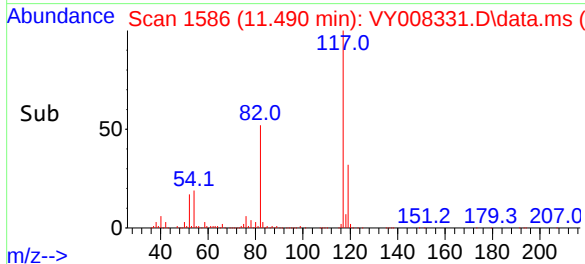
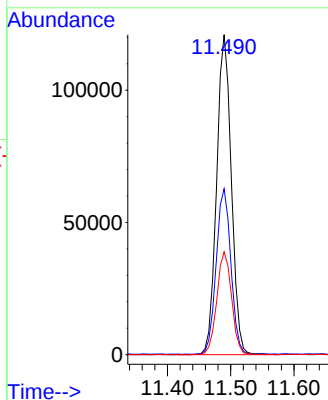
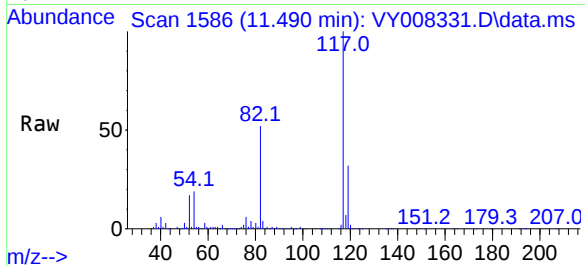




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY008331.D
Acq: 14 Apr 2022 16:38

Instrument :
MSVOA_Y
ClientSampleId :
CL-1-11.5

Tgt Ion:117 Resp: 194669
Ion Ratio Lower Upper
117 100
82 51.7 43.0 64.4
119 32.1 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: VY008331.D
Acq: 14 Apr 2022 16:38

Tgt Ion:152 Resp: 93528
Ion Ratio Lower Upper
152 100
115 56.5 28.2 84.7
150 154.6 0.0 347.6

