

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041822\
 Data File : VY008382.D
 Acq On : 18 Apr 2022 18:40
 Operator : KP/MD
 Sample : N2427-08
 Misc : 5.56g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-8

Quant Time: Apr 19 06:32:26 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	7.795	168	46854	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	88847	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	90919	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	40786	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	32205	73.175	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	146.340%
35) Dibromofluoromethane	7.716	113	29965	58.393	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	116.780%
50) Toluene-d8	10.179	98	108994	62.071	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	124.140%
62) 4-Bromofluorobenzene	12.483	95	37240	56.385	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	112.780%

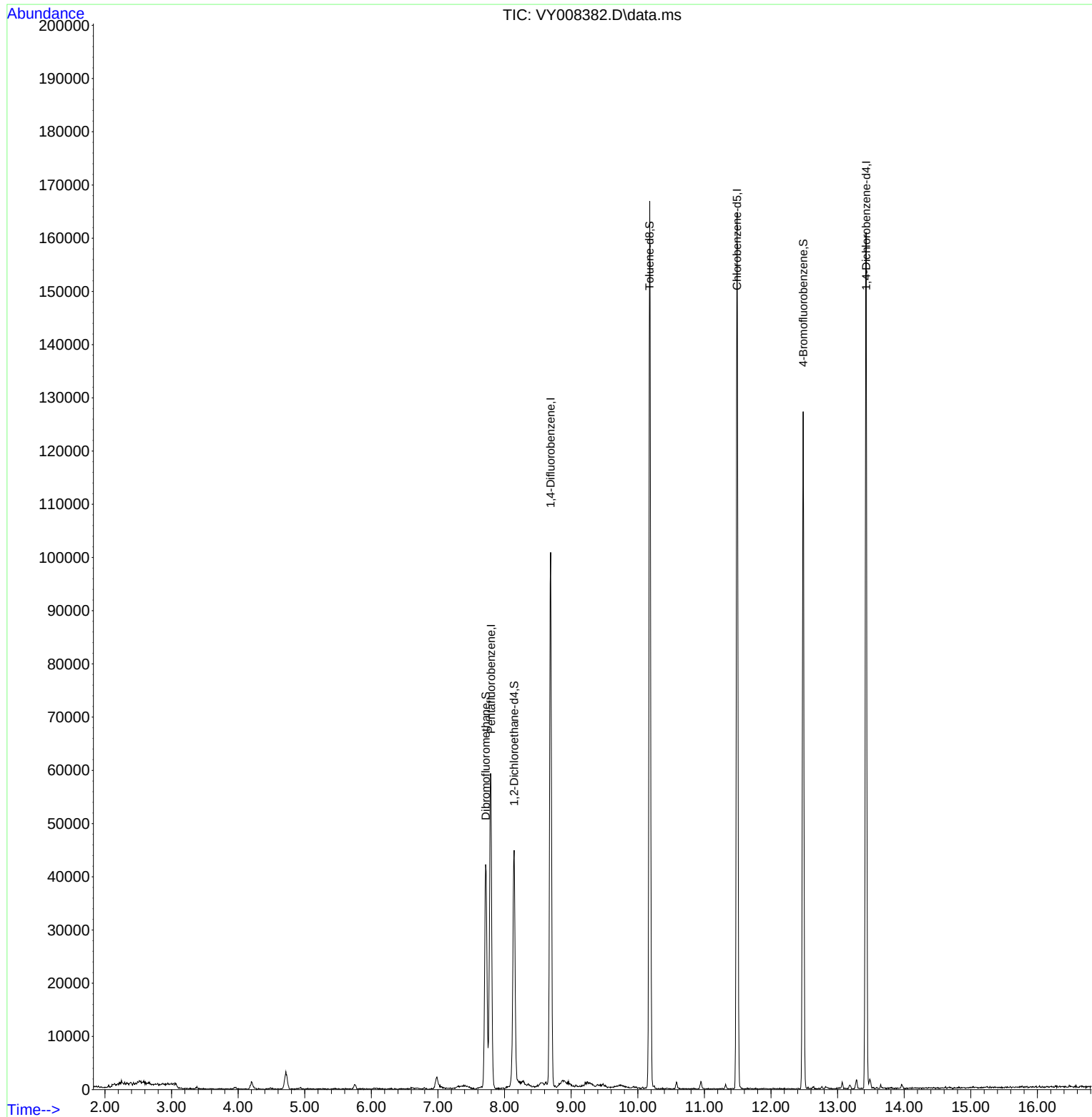
Target Compounds	Qvalue

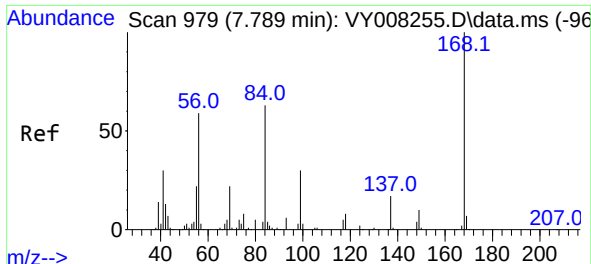
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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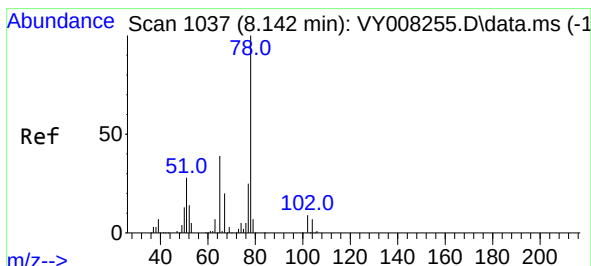
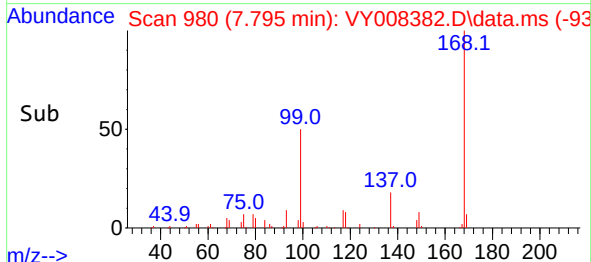
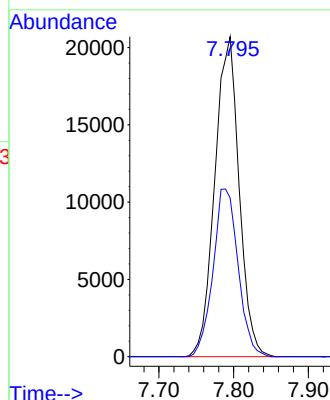
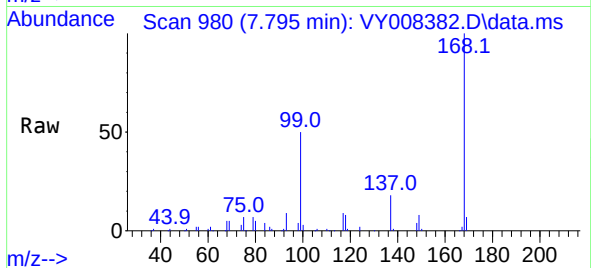




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY008382.D
Acq: 18 Apr 2022 18:40

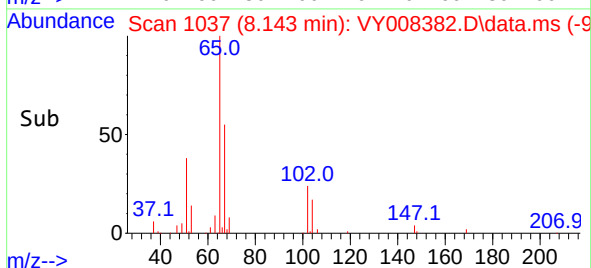
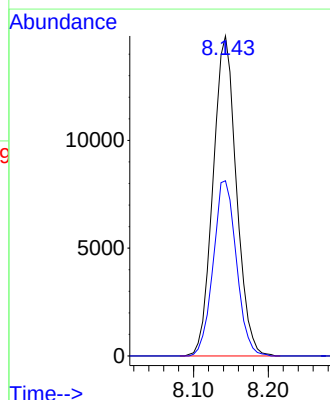
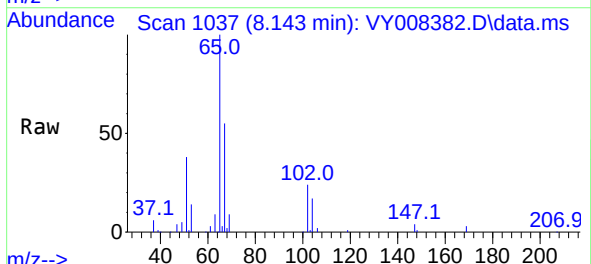
Instrument :
MSVOA_Y
ClientSampleId :
SB-8

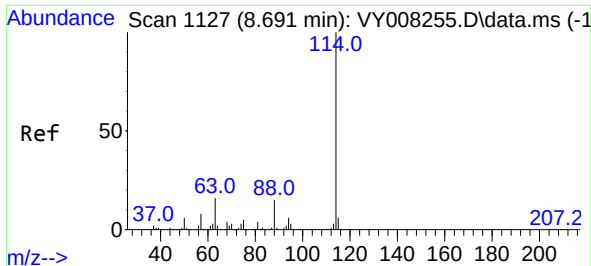
Tgt Ion:168 Resp: 46854
Ion Ratio Lower Upper
168 100
99 49.6 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 73.175 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.001 min
Lab File: VY008382.D
Acq: 18 Apr 2022 18:40

Tgt Ion: 65 Resp: 32205
Ion Ratio Lower Upper
65 100
67 54.4 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: VY008382.D

Acq: 18 Apr 2022 18:40

Instrument :

MSVOA_Y

ClientSampleId :

SB-8

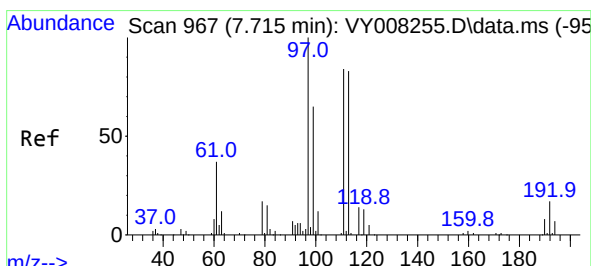
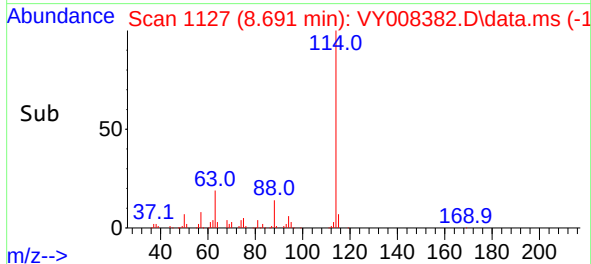
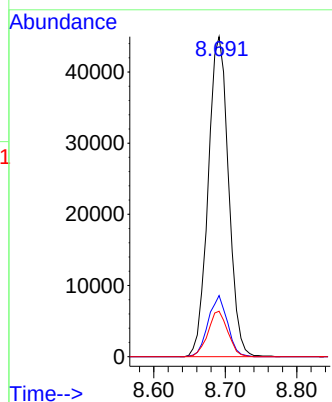
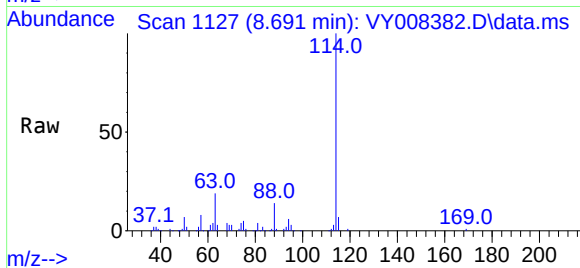
Tgt Ion:114 Resp: 88847

Ion Ratio Lower Upper

114 100

63 19.1 0.0 43.2

88 14.2 0.0 31.8



#35

Dibromofluoromethane

Concen: 58.393 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.001 min

Lab File: VY008382.D

Acq: 18 Apr 2022 18:40

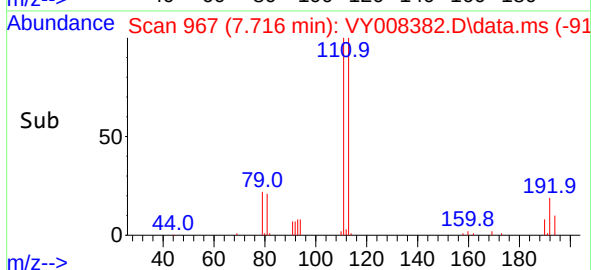
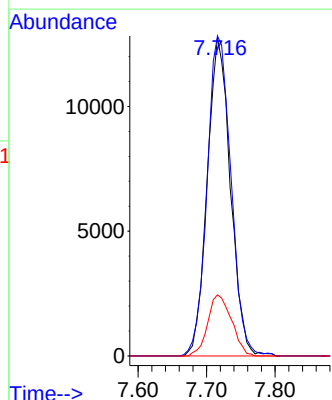
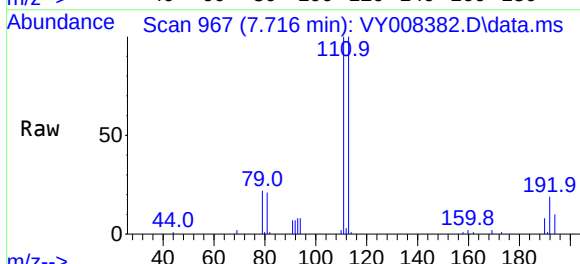
Tgt Ion:113 Resp: 29965

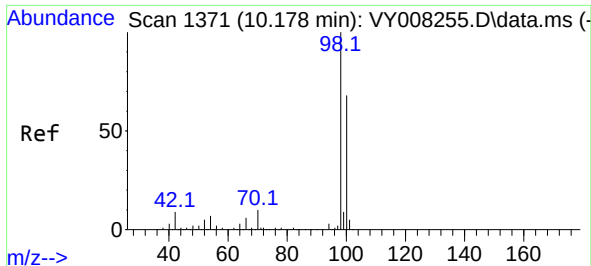
Ion Ratio Lower Upper

113 100

111 103.6 82.6 124.0

192 19.7 17.6 26.4

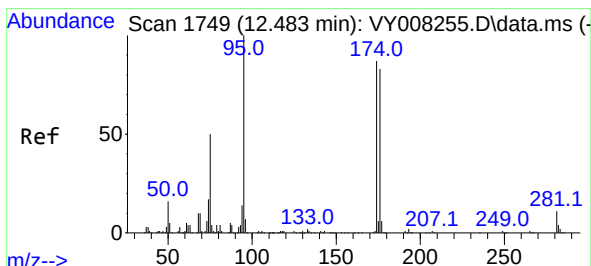
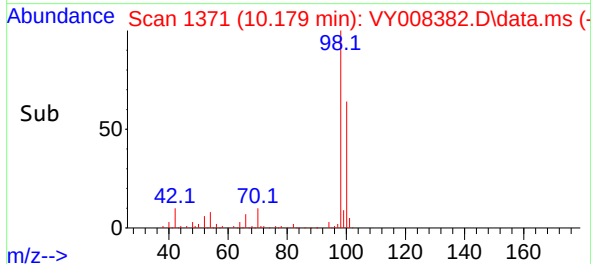
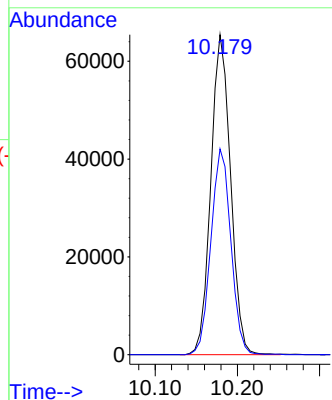
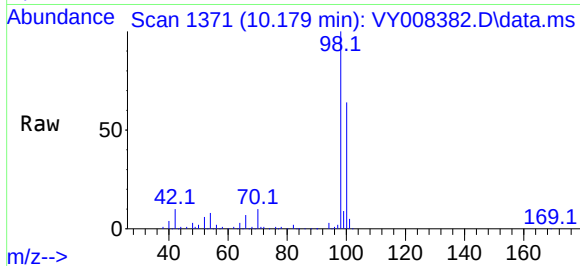




#50
Toluene-d8
Concen: 62.071 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY008382.D
Acq: 18 Apr 2022 18:40

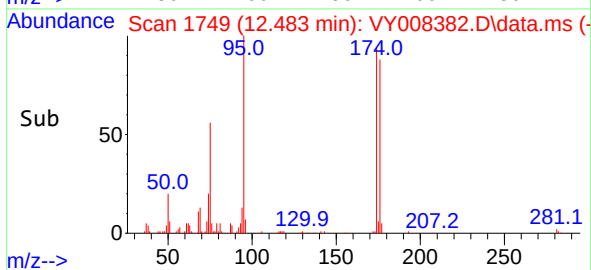
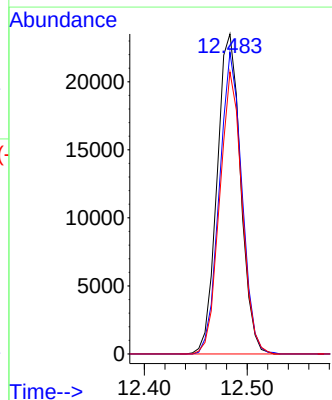
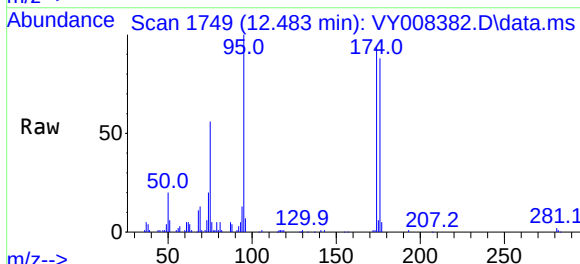
Instrument :
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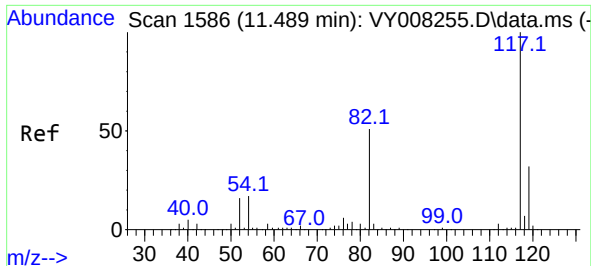
Tgt Ion: 98 Resp: 108994
Ion Ratio Lower Upper
98 100
100 65.2 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 56.385 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008382.D
Acq: 18 Apr 2022 18:40

Tgt Ion: 95 Resp: 37240
Ion Ratio Lower Upper
95 100
174 90.0 0.0 177.0
176 83.6 0.0 175.8

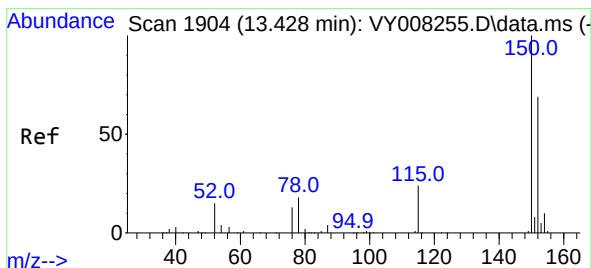
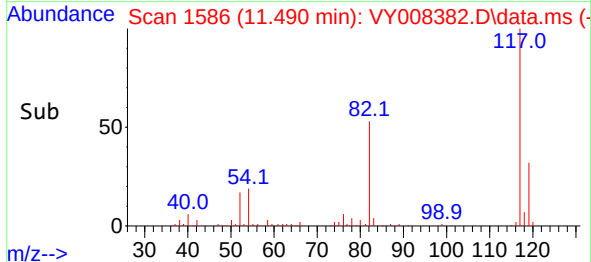
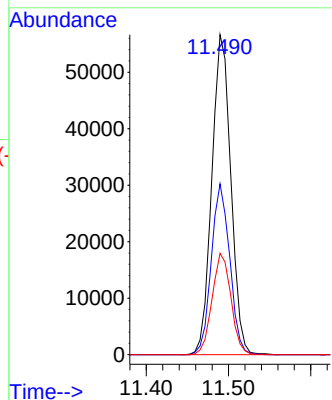
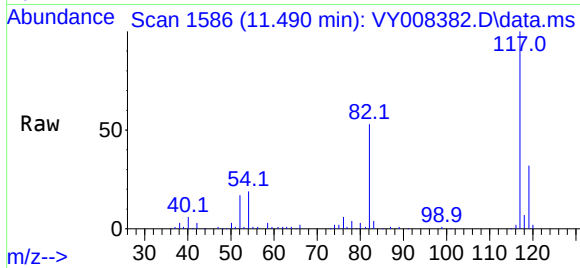




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.001 min
Lab File: VY008382.D
Acq: 18 Apr 2022 18:40

Instrument :
MSVOA_Y
ClientSampleId :
SB-8

Tgt Ion:117 Resp: 90919
Ion Ratio Lower Upper
117 100
82 53.4 43.0 64.4
119 31.7 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: VY008382.D
Acq: 18 Apr 2022 18:40

Tgt Ion:152 Resp: 40786
Ion Ratio Lower Upper
152 100
115 57.9 28.2 84.7
150 158.5 0.0 347.6

