

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041822\
 Data File : VY008374.D
 Acq On : 18 Apr 2022 15:32
 Operator : KP/MD
 Sample : N2430-04
 Misc : 5.61g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 E13-EB1-041322-8-10

Quant Time: Apr 19 06:29:59 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	95987	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	175974	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	170514	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	74361	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	56640	62.820	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	125.640%
35) Dibromofluoromethane	7.722	113	56886	55.968	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.940%
50) Toluene-d8	10.179	98	215220	61.882	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	123.760%
62) 4-Bromofluorobenzene	12.483	95	72025	55.060	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	110.120%

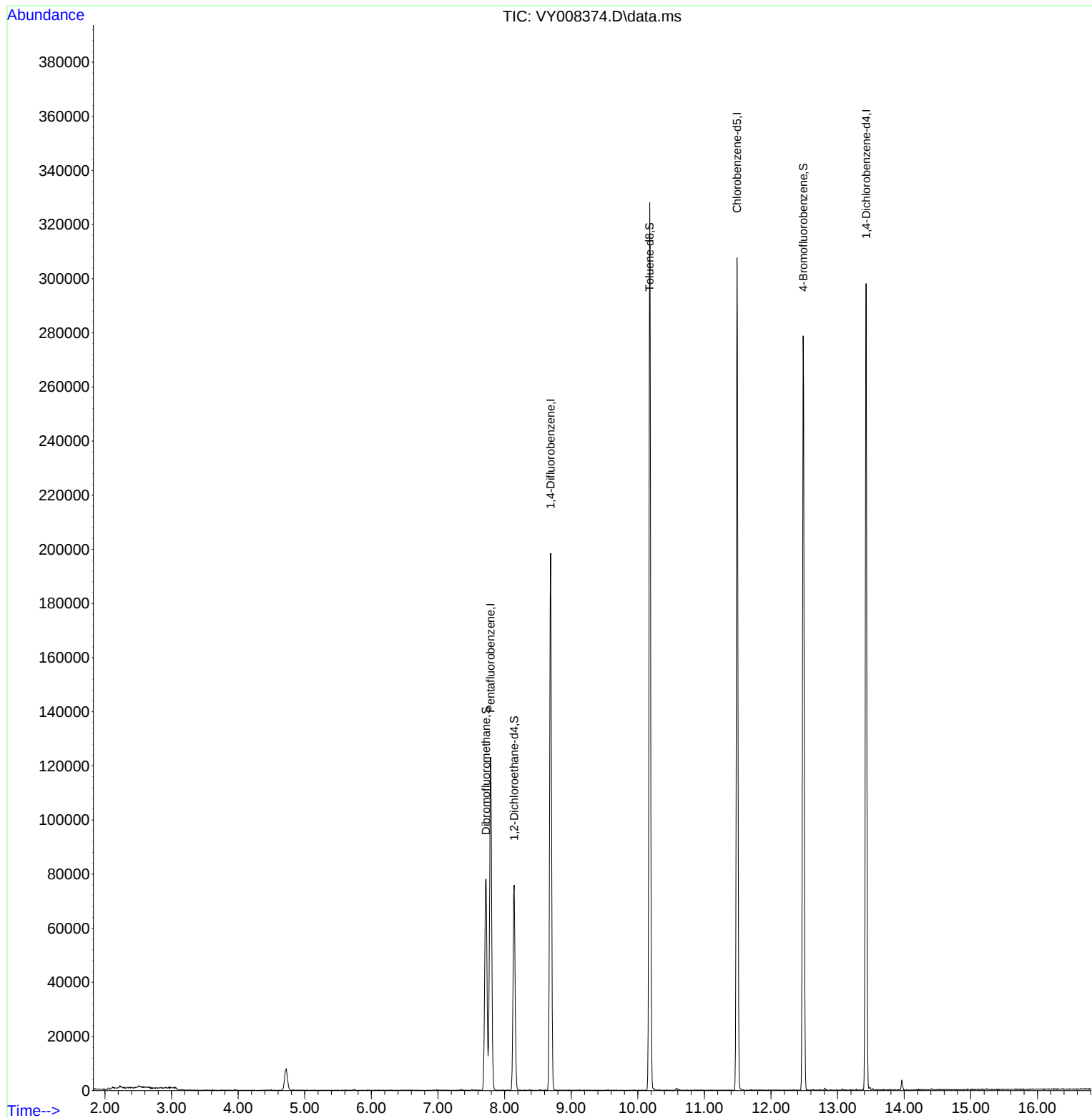
Target Compounds	Qvalue

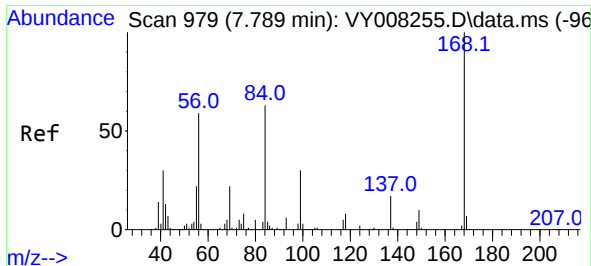
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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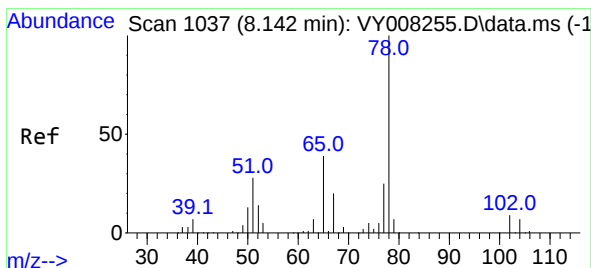
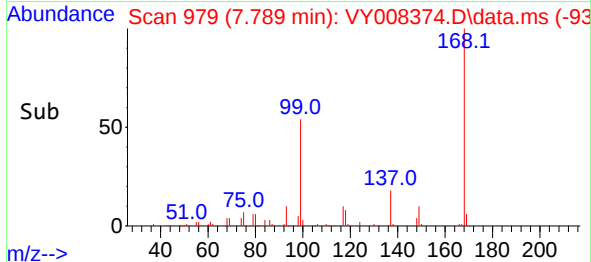
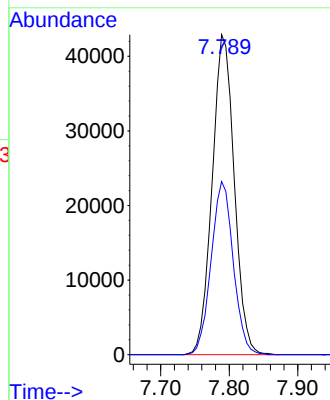
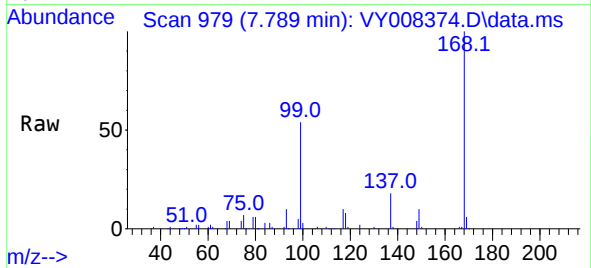




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008374.D
Acq: 18 Apr 2022 15:32

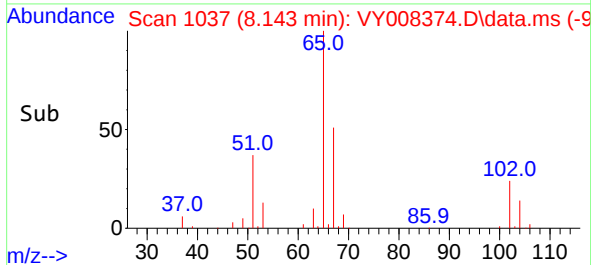
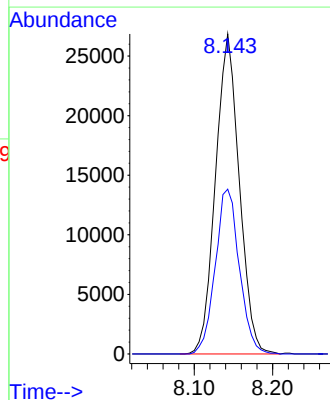
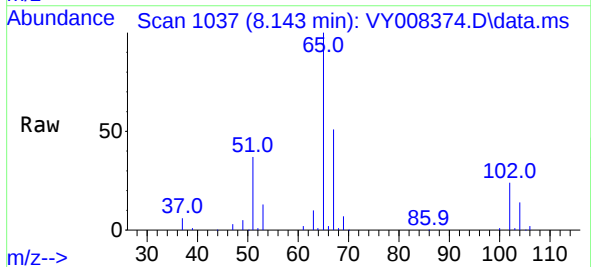
Instrument :
MSVOA_Y
ClientSampleId :
E13-EB1-041322-8-10

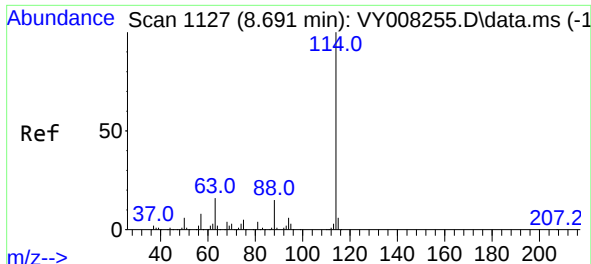
Tgt Ion:168 Resp: 95987
Ion Ratio Lower Upper
168 100
99 54.1 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 62.820 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.001 min
Lab File: VY008374.D
Acq: 18 Apr 2022 15:32

Tgt Ion: 65 Resp: 56640
Ion Ratio Lower Upper
65 100
67 52.2 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: VY008374.D

Acq: 18 Apr 2022 15:32

Instrument :

MSVOA_Y

ClientSampleId :

E13-EB1-041322-8-10

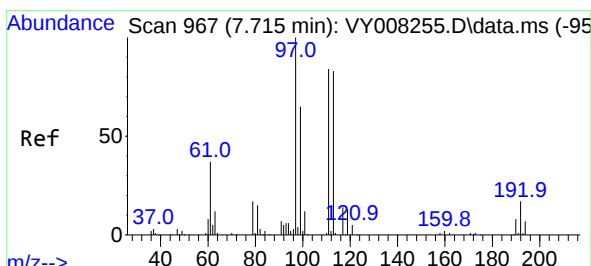
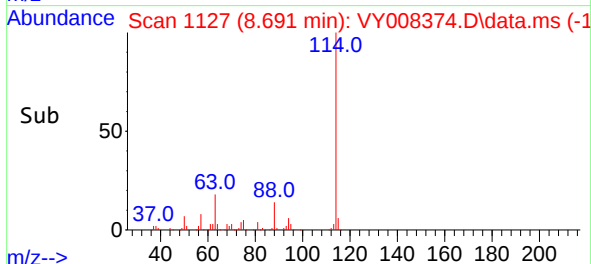
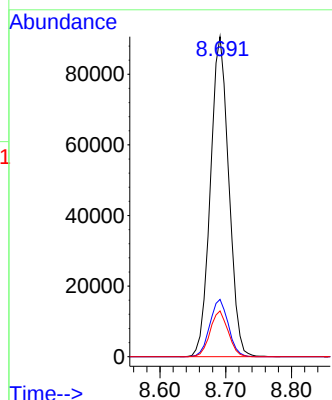
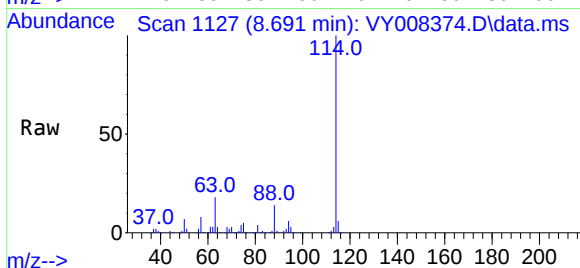
Tgt Ion:114 Resp: 175974

Ion Ratio Lower Upper

114 100

63 17.9 0.0 43.2

88 14.3 0.0 31.8



#35

Dibromofluoromethane

Concen: 55.968 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.007 min

Lab File: VY008374.D

Acq: 18 Apr 2022 15:32

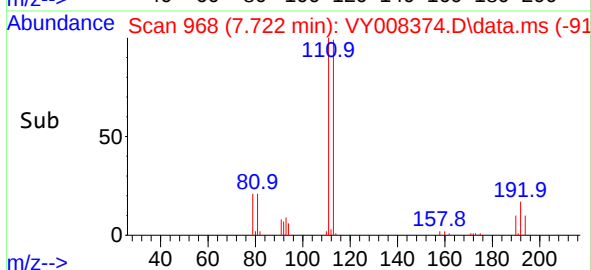
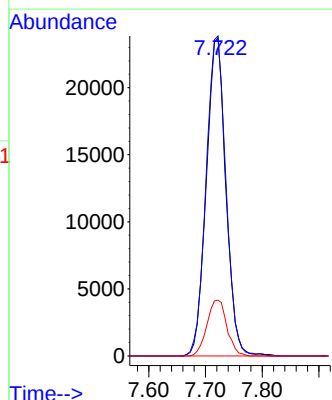
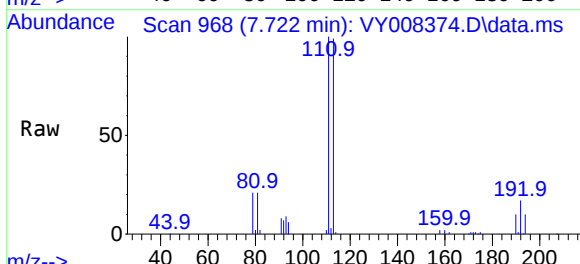
Tgt Ion:113 Resp: 56886

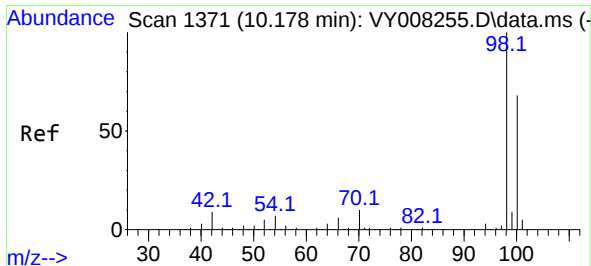
Ion Ratio Lower Upper

113 100

111 101.9 82.6 124.0

192 17.9 17.6 26.4

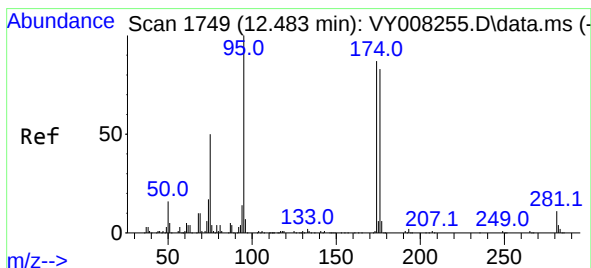
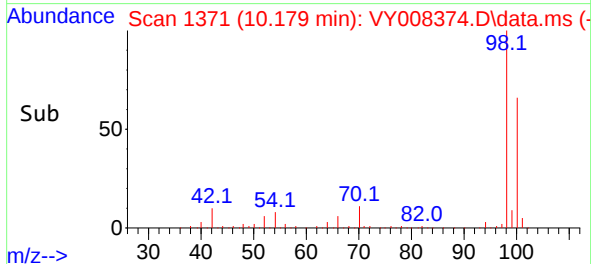
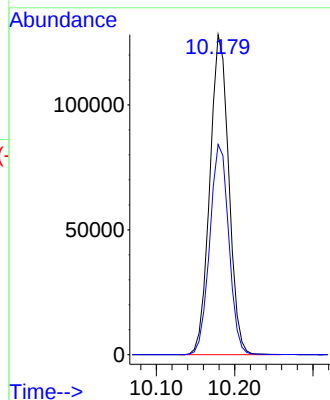
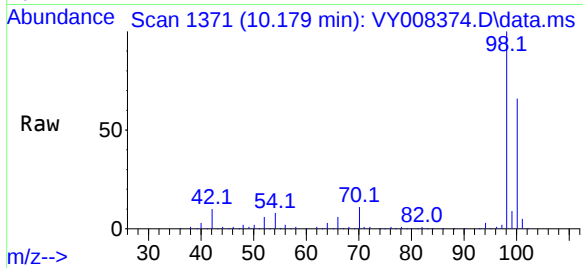




#50
Toluene-d8
Concen: 61.882 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY008374.D
Acq: 18 Apr 2022 15:32

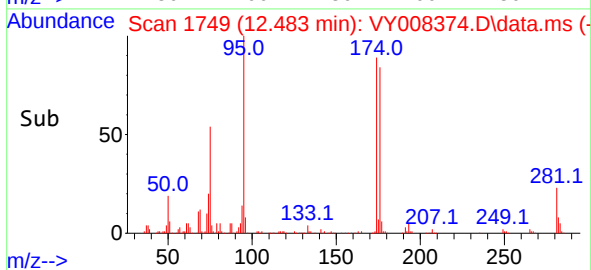
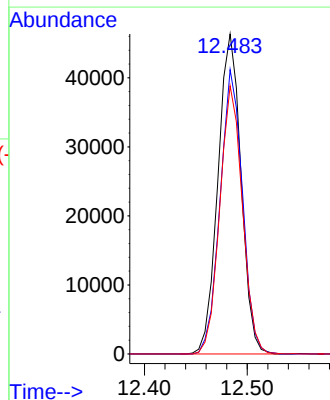
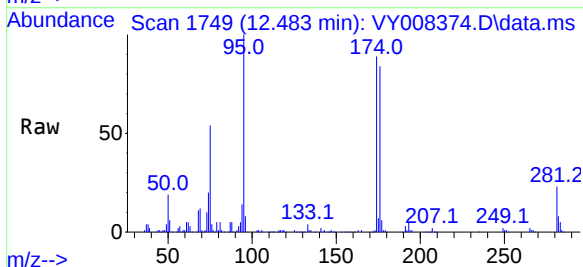
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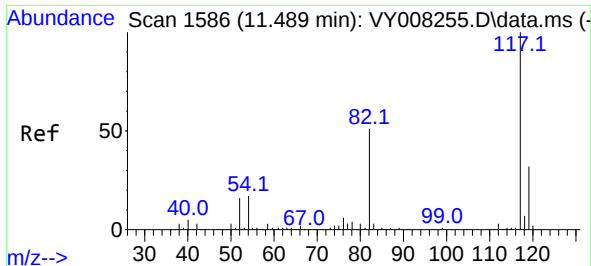
Tgt Ion: 98 Resp: 215220
Ion Ratio Lower Upper
98 100
100 66.1 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 55.060 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008374.D
Acq: 18 Apr 2022 15:32

Tgt Ion: 95 Resp: 72025
Ion Ratio Lower Upper
95 100
174 86.1 0.0 177.0
176 82.1 0.0 175.8



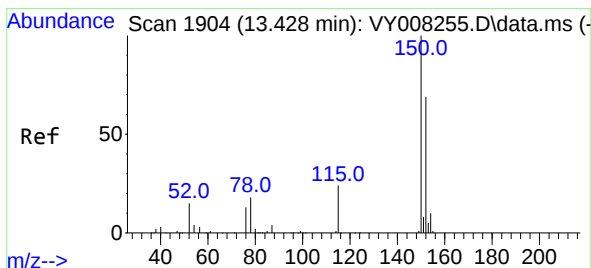
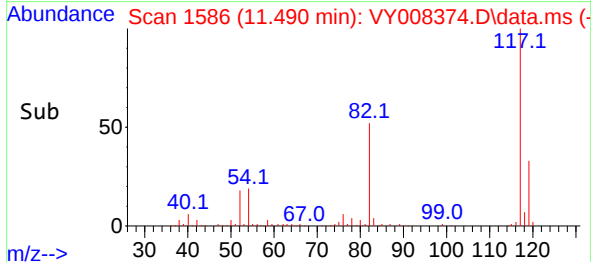
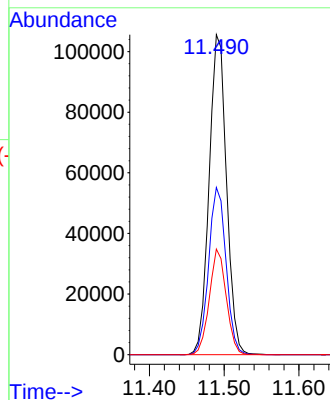
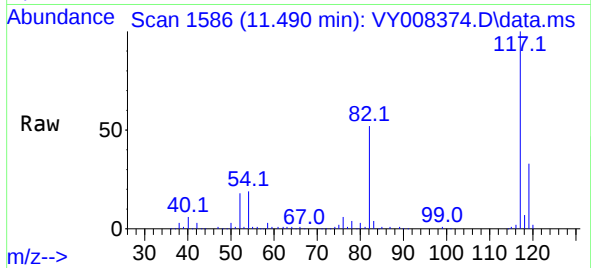


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY008374.D
Acq: 18 Apr 2022 15:32

Instrument :
MSVOA_Y
ClientSampleId :
E13-EB1-041322-8-10

Tgt Ion:117 Resp: 170514

Ion	Ratio	Lower	Upper
117	100		
82	52.2	43.0	64.4
119	33.0	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: VY008374.D
Acq: 18 Apr 2022 15:32

Tgt Ion:152 Resp: 74361

Ion	Ratio	Lower	Upper
152	100		
115	58.0	28.2	84.7
150	159.8	0.0	347.6

