

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042622\
 Data File : VY008508.D
 Acq On : 26 Apr 2022 16:50
 Operator : KP/MD
 Sample : N2502-09
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 C5

Quant Time: Apr 27 01:23:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042122S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 21 14:28:40 2022
 Response via : Initial Calibration

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

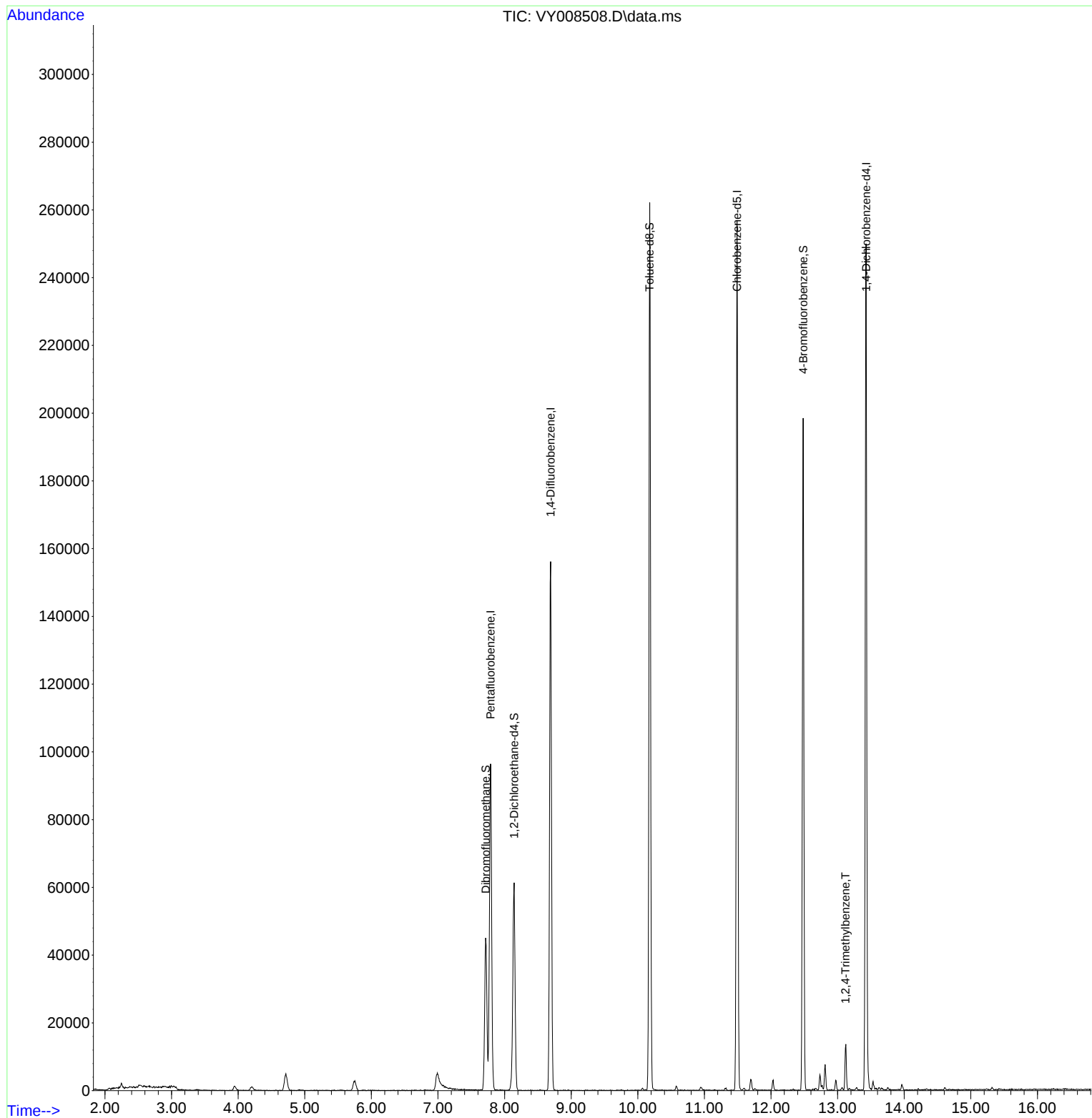
Internal Standards						
1) Pentafluorobenzene	7.789	168	74477	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	138659	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	137509	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	62682	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	44483	50.761	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	101.520%
35) Dibromofluoromethane	7.716	113	30861	34.486	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	68.980%
50) Toluene-d8	10.179	98	171442	48.157	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.320%
62) 4-Bromofluorobenzene	12.483	95	56684	47.041	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	94.080%
Target Compounds						
84) 1,2,4-Trimethylbenzene	13.117	105	7611	1.945	ug/l	Qvalue 98

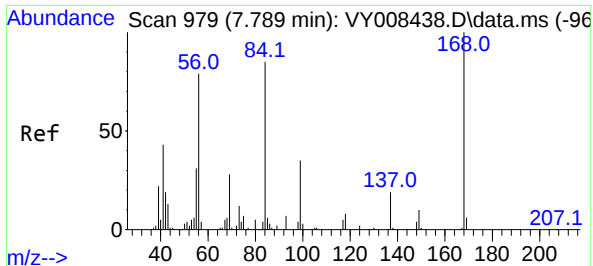
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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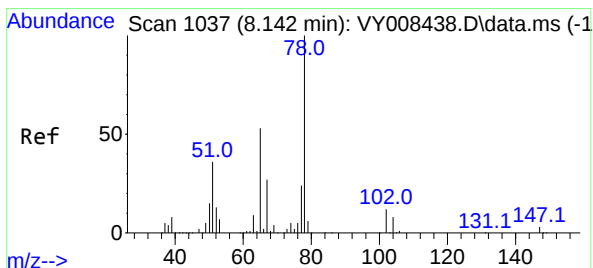
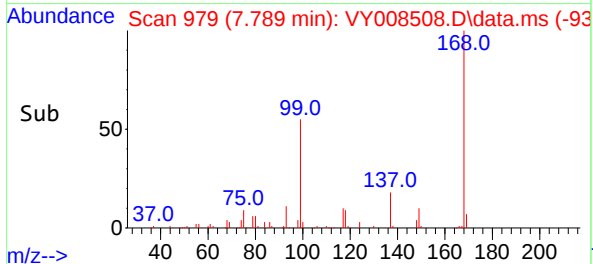
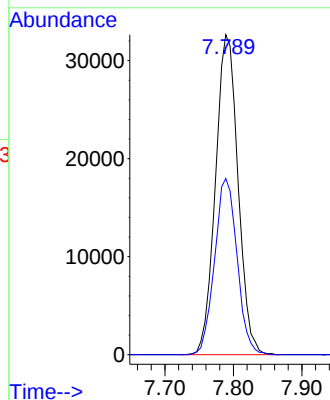
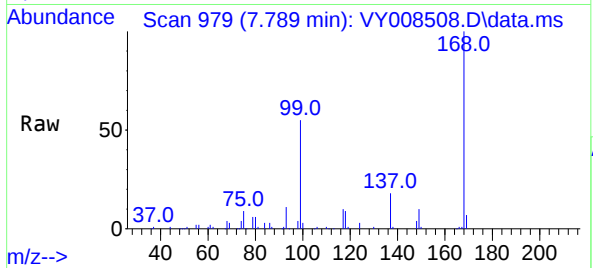




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008508.D
Acq: 26 Apr 2022 16:50

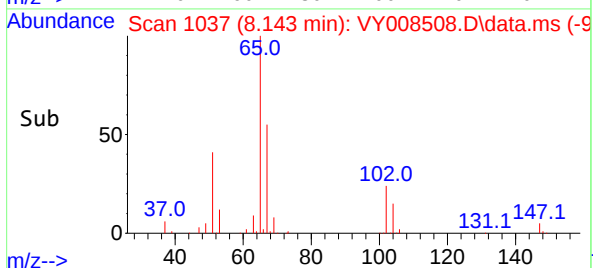
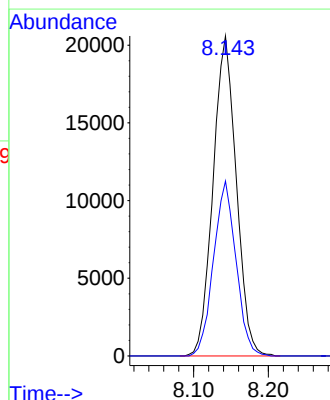
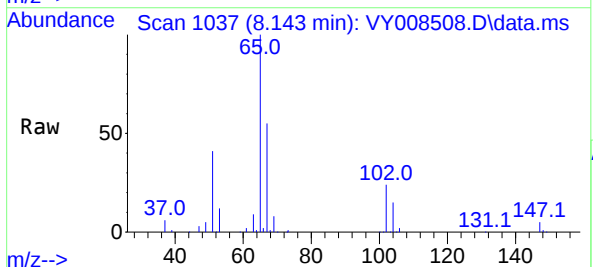
Instrument :
MSVOA_Y
ClientSampleId :
C5

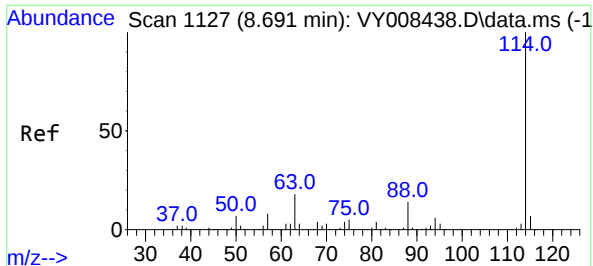
Tgt Ion:168 Resp: 74477
Ion Ratio Lower Upper
168 100
99 55.0 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 50.761 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.001 min
Lab File: VY008508.D
Acq: 26 Apr 2022 16:50

Tgt Ion: 65 Resp: 44483
Ion Ratio Lower Upper
65 100
67 53.0 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: VY008508.D

Acq: 26 Apr 2022 16:50

Instrument :

MSVOA_Y

ClientSampleId :

C5

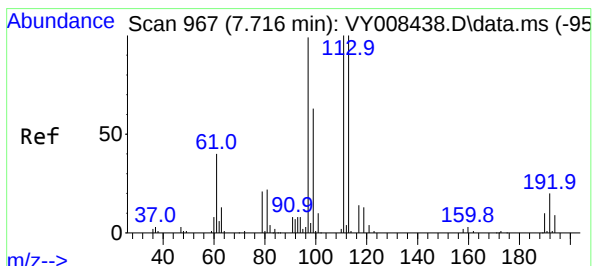
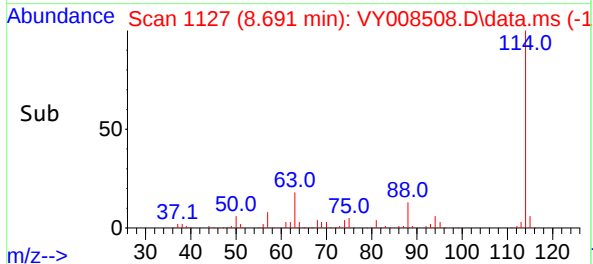
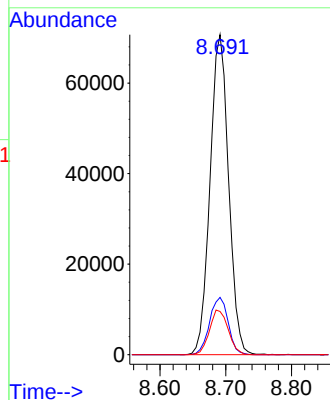
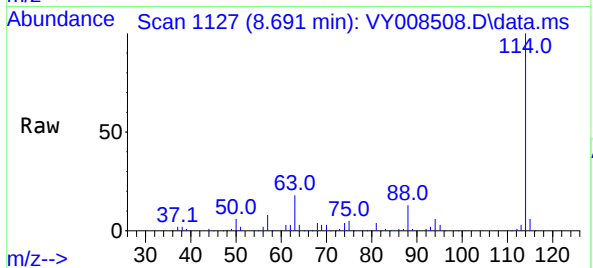
Tgt Ion:114 Resp: 138659

Ion Ratio Lower Upper

114 100

63 17.9 0.0 43.2

88 13.5 0.0 31.8



#35

Dibromofluoromethane

Concen: 34.486 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY008508.D

Acq: 26 Apr 2022 16:50

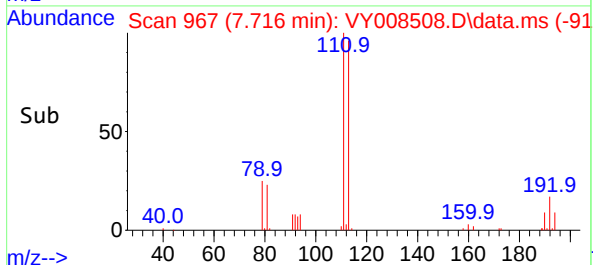
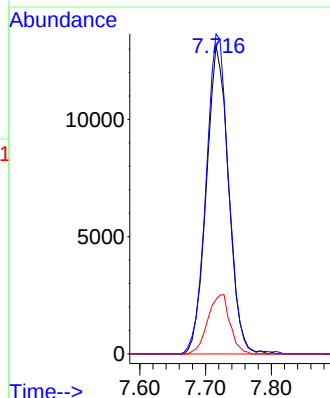
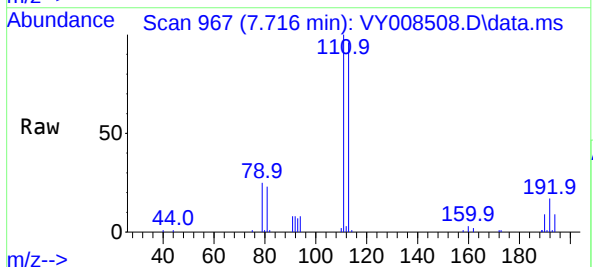
Tgt Ion:113 Resp: 30861

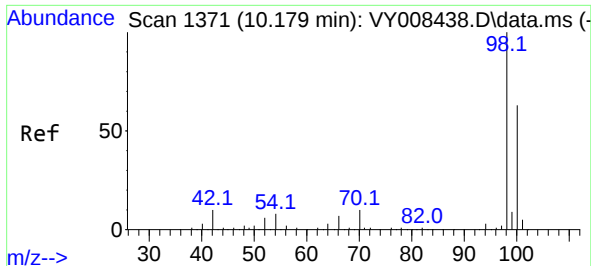
Ion Ratio Lower Upper

113 100

111 105.0 82.6 124.0

192 19.1 17.6 26.4

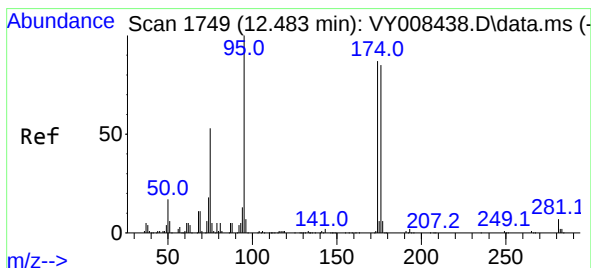
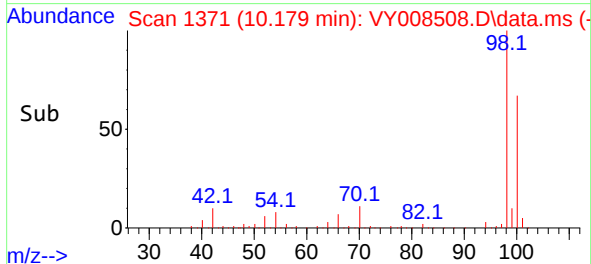
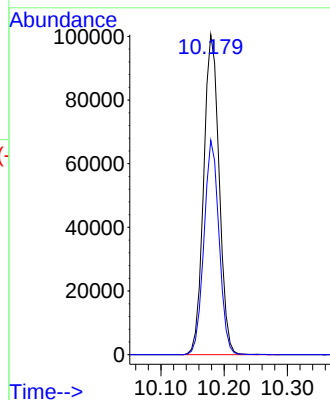
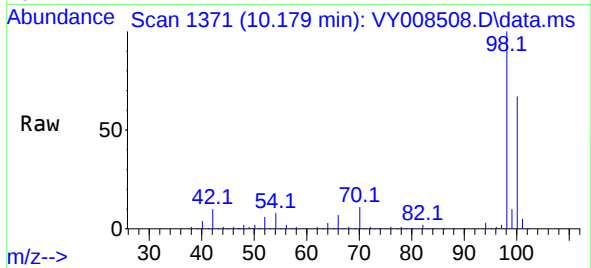




#50
Toluene-d8
Concen: 48.157 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008508.D
Acq: 26 Apr 2022 16:50

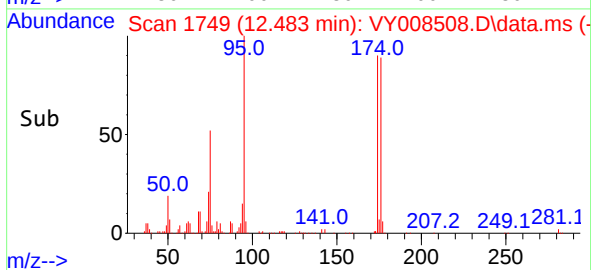
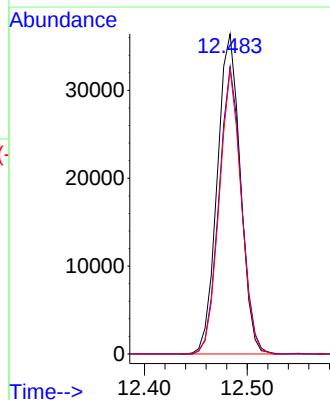
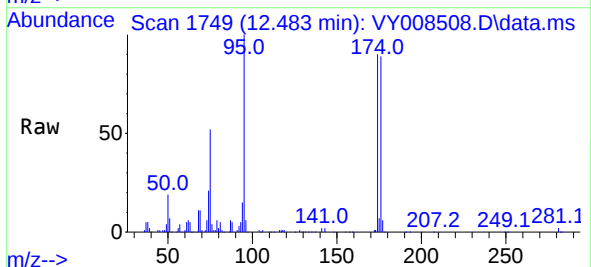
Instrument :
MSVOA_Y
ClientSampleId :
C5

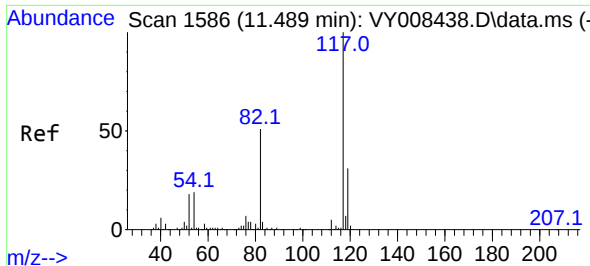
Tgt Ion: 98 Resp: 171442
Ion Ratio Lower Upper
98 100
100 65.2 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 47.041 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008508.D
Acq: 26 Apr 2022 16:50

Tgt Ion: 95 Resp: 56684
Ion Ratio Lower Upper
95 100
174 87.7 0.0 177.0
176 84.6 0.0 175.8

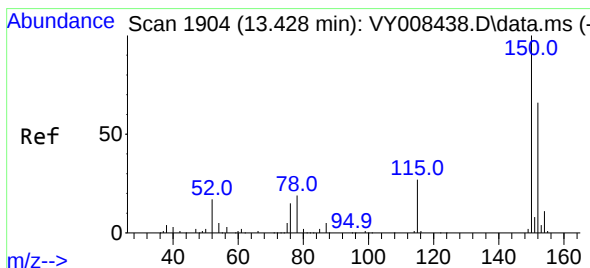
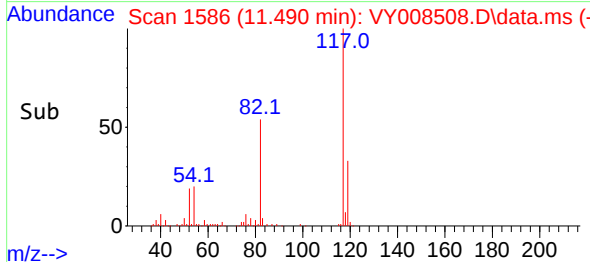
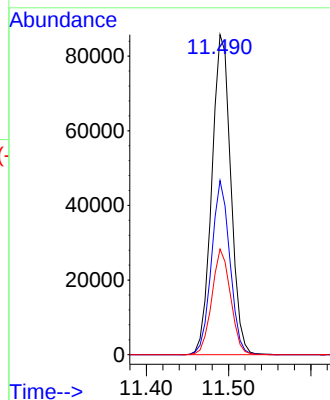
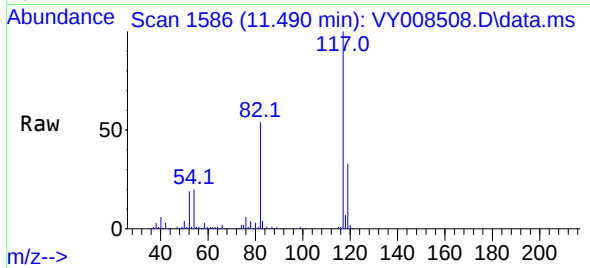




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.001 min
Lab File: VY008508.D
Acq: 26 Apr 2022 16:50

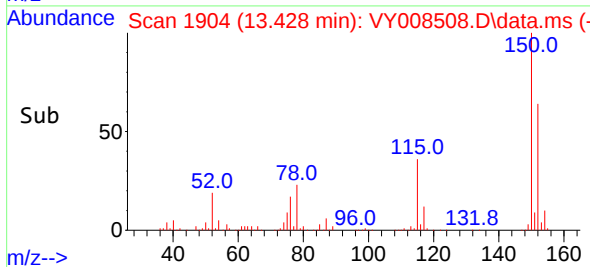
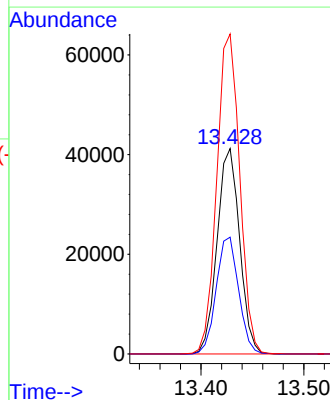
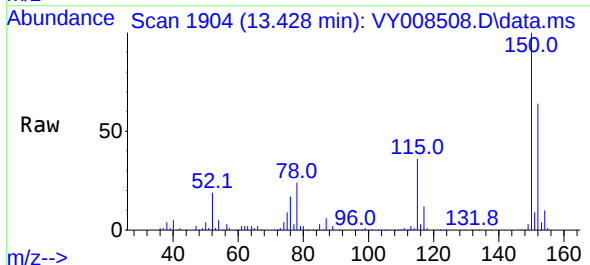
Instrument :
MSVOA_Y
ClientSampleId :
C5

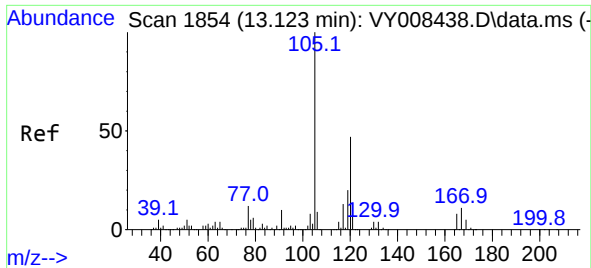
Tgt Ion:117 Resp: 137509
Ion Ratio Lower Upper
117 100
82 54.4 43.0 64.4
119 33.0 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY008508.D
Acq: 26 Apr 2022 16:50

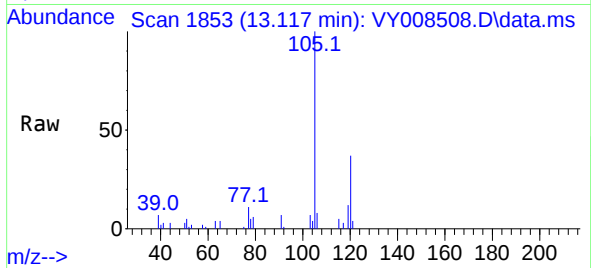
Tgt Ion:152 Resp: 62682
Ion Ratio Lower Upper
152 100
115 56.6 28.2 84.7
150 158.6 0.0 347.6





#84
 1,2,4-Trimethylbenzene
 Concen: 1.945 ug/l
 RT: 13.117 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VY008508.D
 Acq: 26 Apr 2022 16:50

Instrument :
 MSVOA_Y
 ClientSampleId :
 C5



Tgt Ion:105 Resp: 7611
 Ion Ratio Lower Upper
 105 100
 120 43.3 22.3 66.9

