

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052122\
 Data File : VY008952.D
 Acq On : 21 May 2022 16:13
 Operator : KP/MD
 Sample : N2919-17
 Misc : 4.33g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P013-SS006-0006-01

Quant Time: May 21 21:30:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052022S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 20 23:50:52 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	121913	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	218641	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	197976	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	77827	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	76679	61.113	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	122.220%
35) Dibromofluoromethane	7.716	113	69463	51.091	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.180%
50) Toluene-d8	10.179	98	268359	53.503	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	107.000%
62) 4-Bromofluorobenzene	12.477	95	71623	35.399	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	70.800%

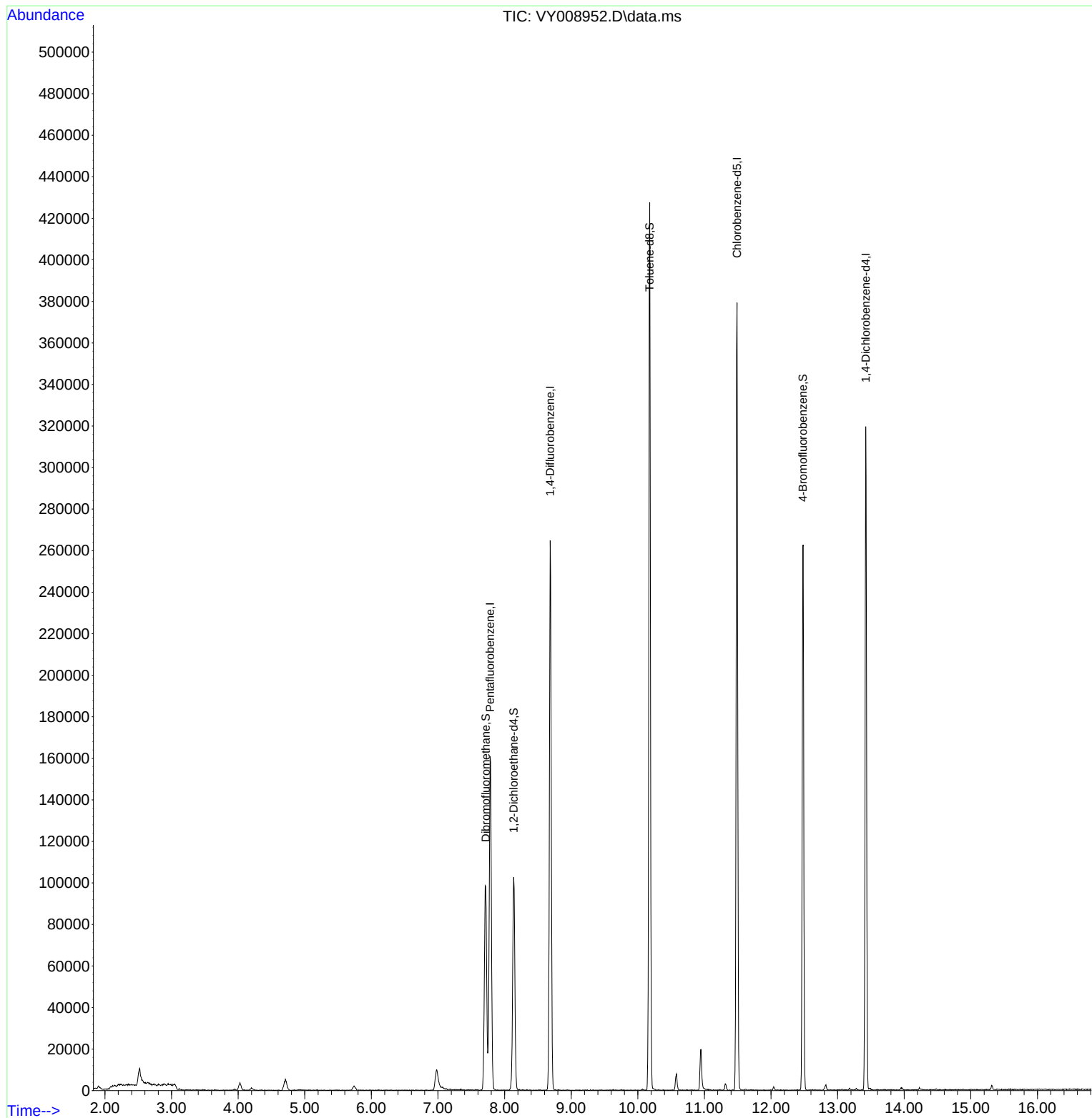
Target Compounds	Qvalue

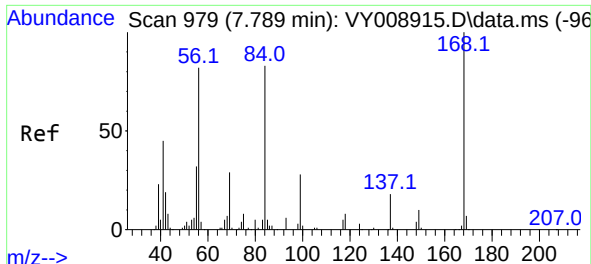
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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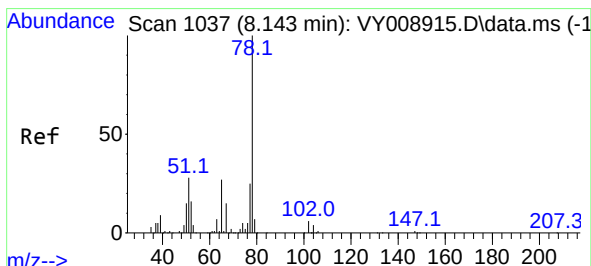
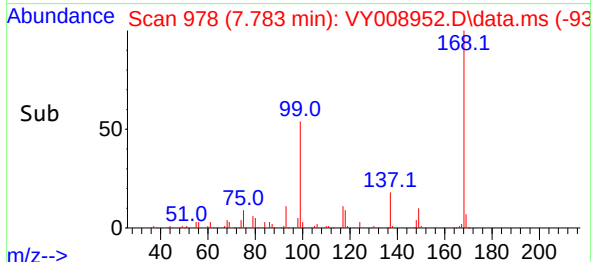
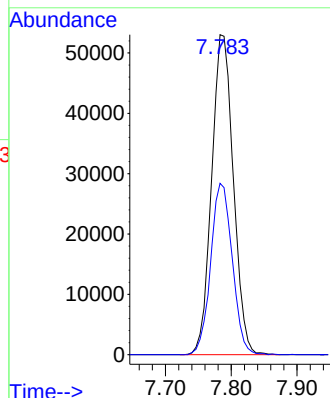
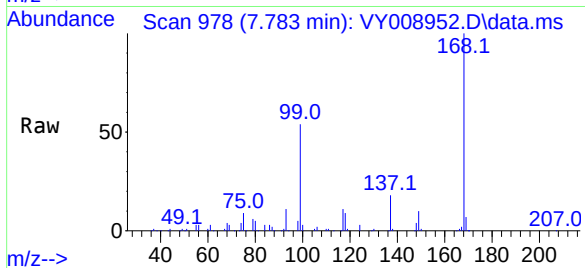




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY008952.D
Acq: 21 May 2022 16:13

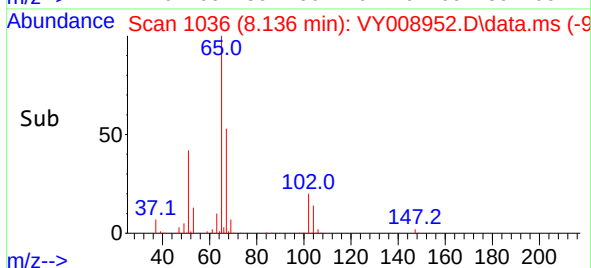
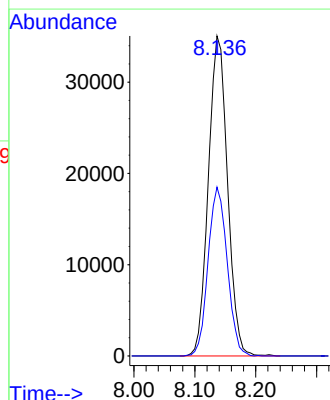
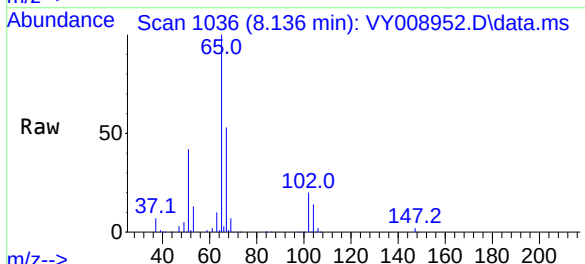
Instrument :
MSVOA_Y
ClientSampleId :
P013-SS006-0006-01

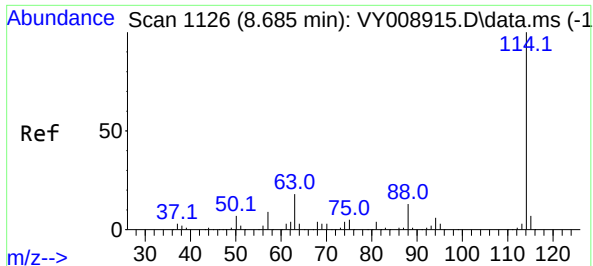
Tgt Ion:168 Resp: 121913
Ion Ratio Lower Upper
168 100
99 53.5 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 61.113 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.007 min
Lab File: VY008952.D
Acq: 21 May 2022 16:13

Tgt Ion: 65 Resp: 76679
Ion Ratio Lower Upper
65 100
67 52.6 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY008952.D

Acq: 21 May 2022 16:13

Instrument :

MSVOA_Y

ClientSampleId :

P013-SS006-0006-01

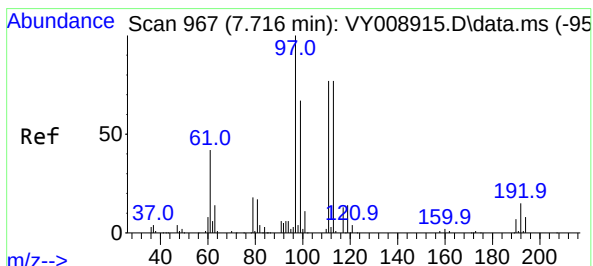
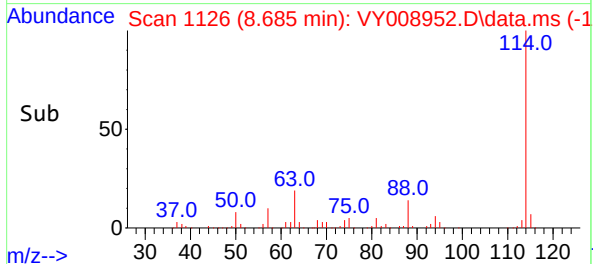
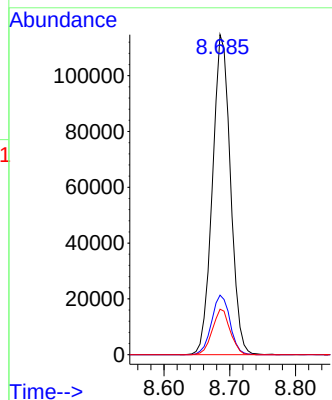
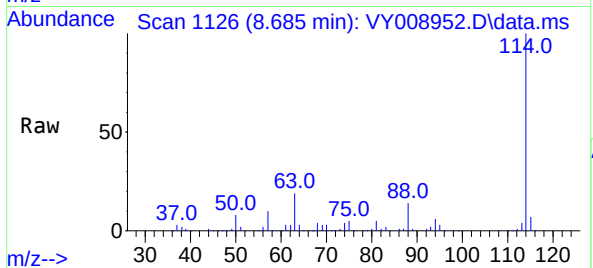
Tgt Ion:114 Resp: 218641

Ion Ratio Lower Upper

114 100

63 18.6 0.0 43.2

88 14.2 0.0 31.8



#35

Dibromofluoromethane

Concen: 51.091 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY008952.D

Acq: 21 May 2022 16:13

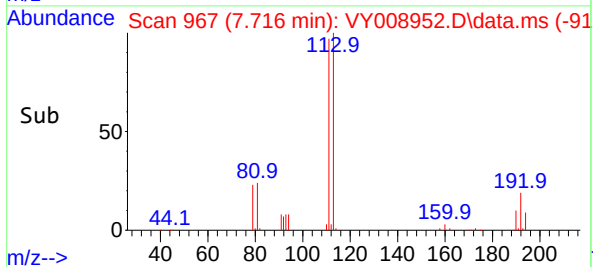
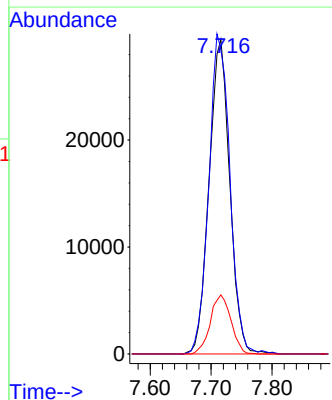
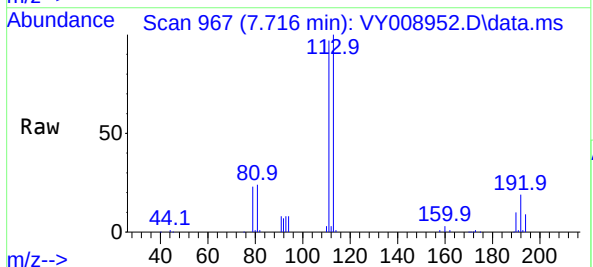
Tgt Ion:113 Resp: 69463

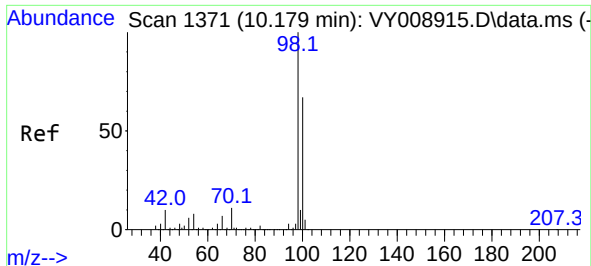
Ion Ratio Lower Upper

113 100

111 103.5 82.6 124.0

192 18.7 17.6 26.4

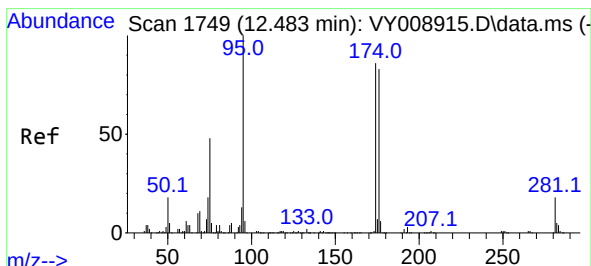
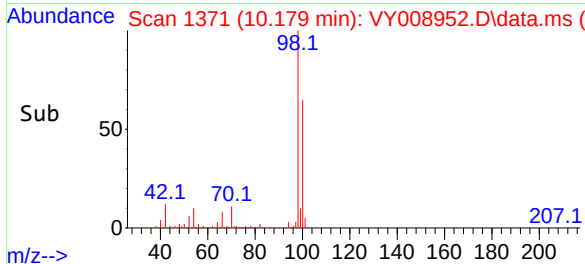
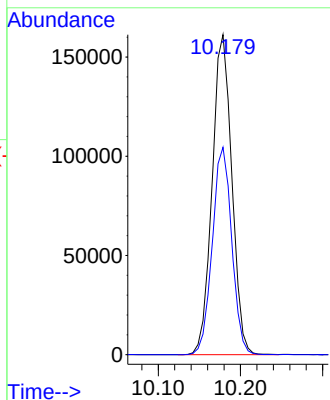
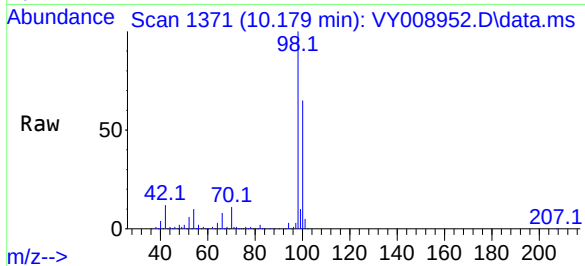




#50
Toluene-d8
Concen: 53.503 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008952.D
Acq: 21 May 2022 16:13

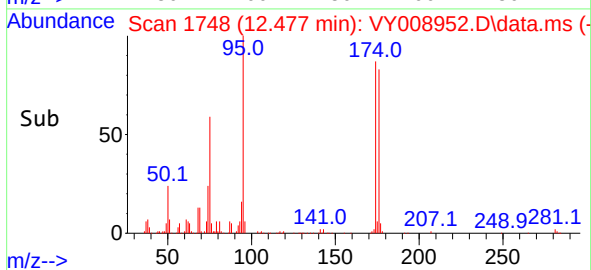
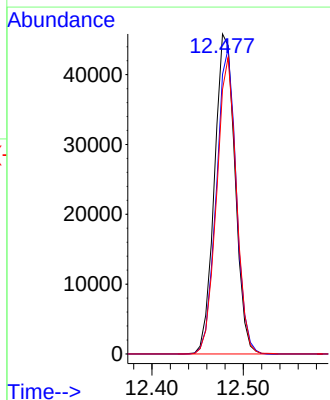
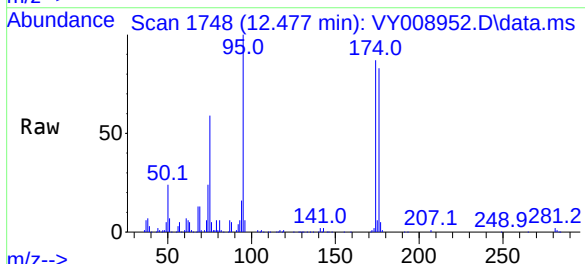
Instrument :
MSVOA_Y
ClientSampleId :
P013-SS006-0006-01

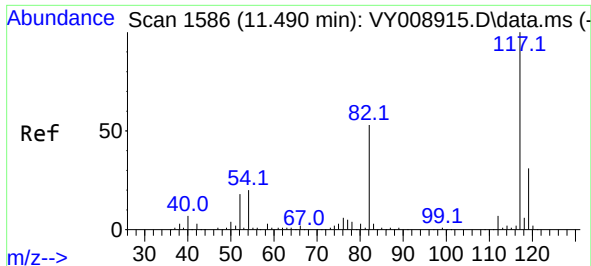
Tgt Ion: 98 Resp: 268359
Ion Ratio Lower Upper
98 100
100 64.0 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 35.399 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY008952.D
Acq: 21 May 2022 16:13

Tgt Ion: 95 Resp: 71623
Ion Ratio Lower Upper
95 100
174 92.1 0.0 177.0
176 89.0 0.0 175.8

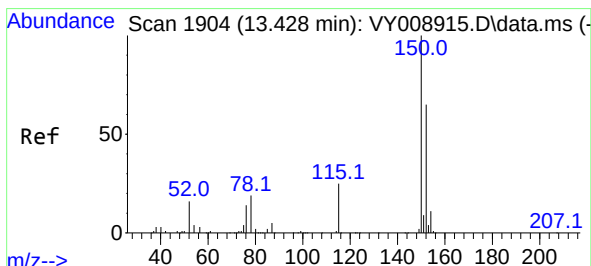
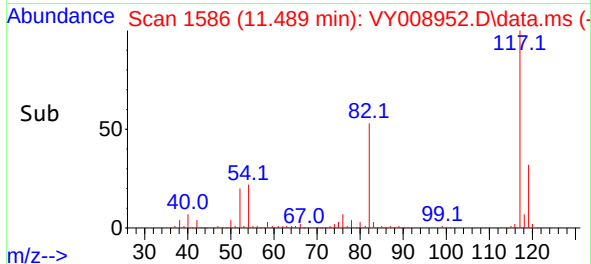
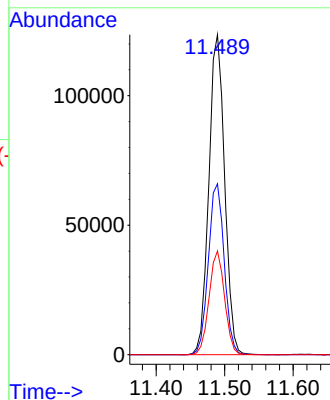
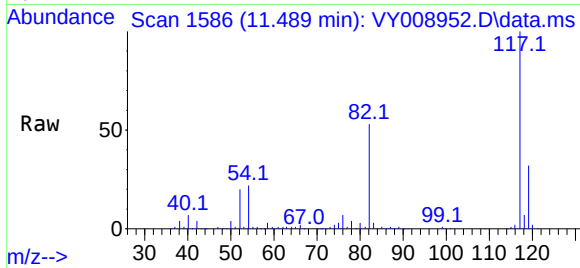




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY008952.D
Acq: 21 May 2022 16:13

Instrument :
MSVOA_Y
ClientSampleId :
P013-SS006-0006-01

Tgt Ion:117 Resp: 197976
Ion Ratio Lower Upper
117 100
82 53.4 43.0 64.4
119 32.4 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY008952.D
Acq: 21 May 2022 16:13

Tgt Ion:152 Resp: 77827
Ion Ratio Lower Upper
152 100
115 56.2 28.2 84.7
150 157.2 0.0 347.6

