

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052322\
 Data File : VY009008.D
 Acq On : 23 May 2022 15:54
 Operator : KP/MD
 Sample : N2982-02
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P-2

Quant Time: May 24 01:48:59 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	40382	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	65368	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	54973	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	20153	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	21195	50.998	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	102.000%
35) Dibromofluoromethane	7.716	113	20758	51.067	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.140%
50) Toluene-d8	10.179	98	79633	53.103	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	106.200%
62) 4-Bromofluorobenzene	12.477	95	18386	30.394	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	60.780%

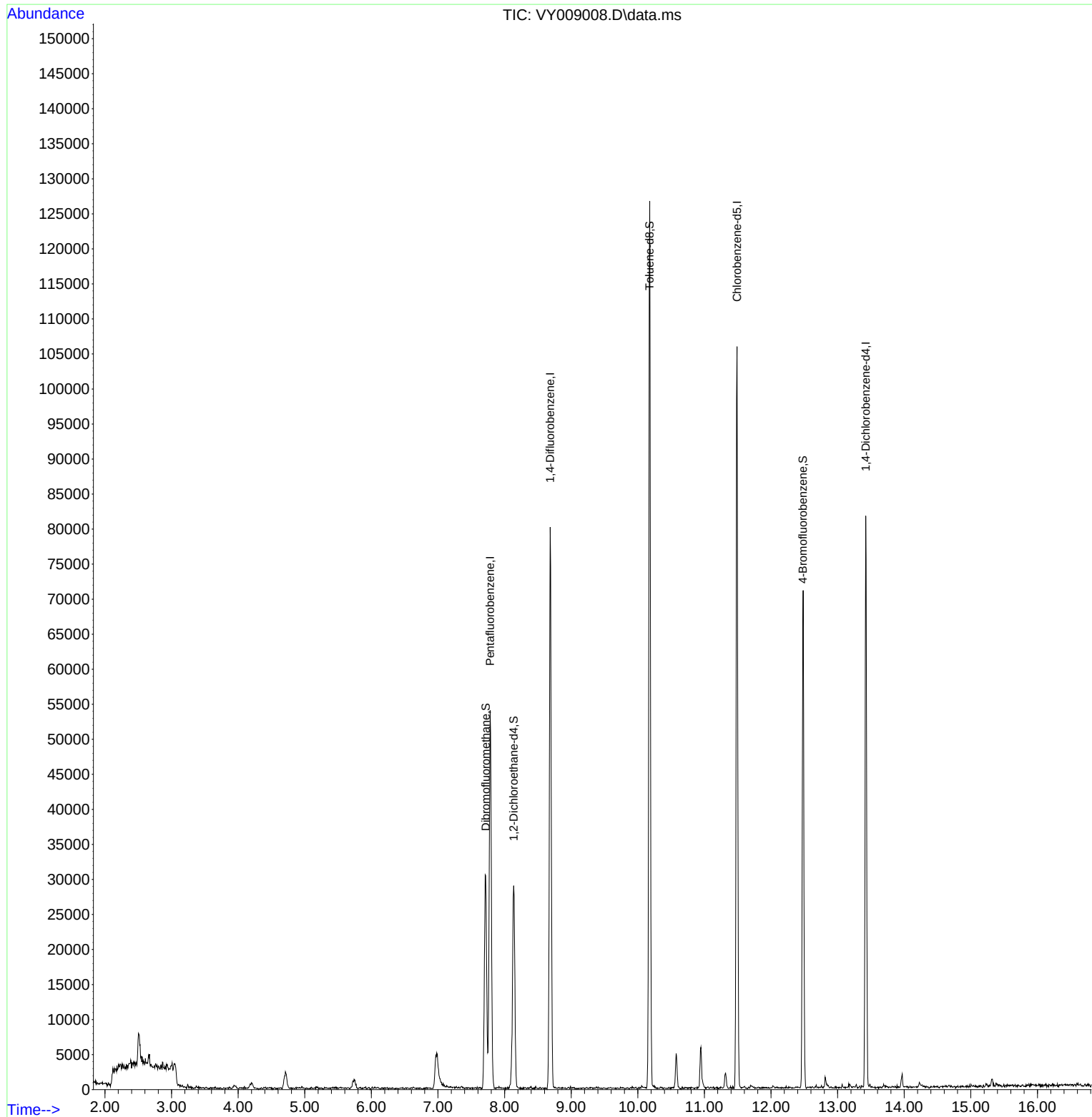
Target Compounds	Qvalue

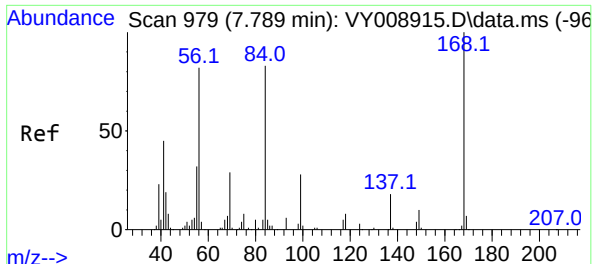
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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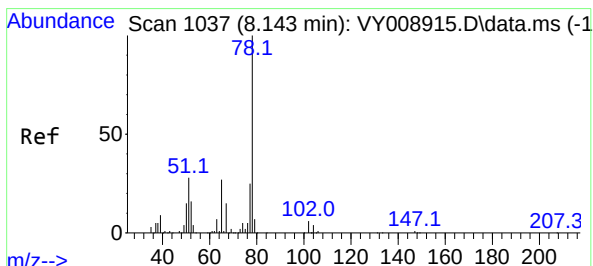
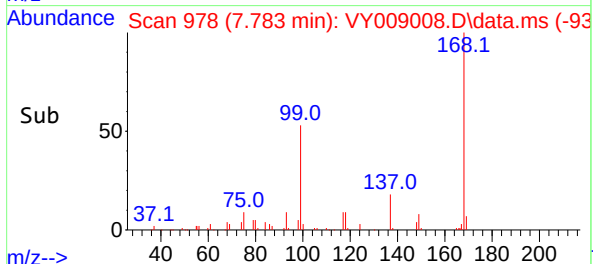
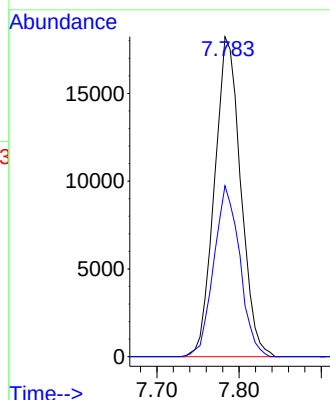
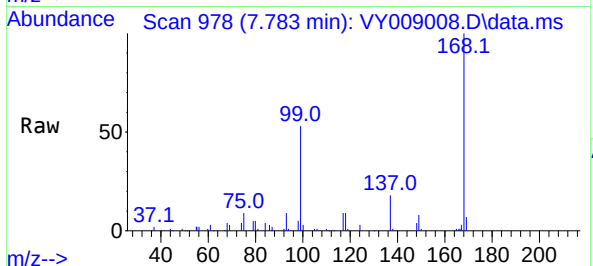




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY009008.D
Acq: 23 May 2022 15:54

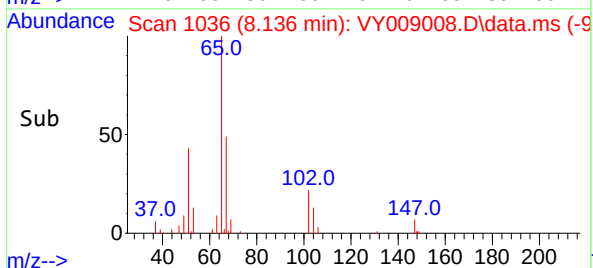
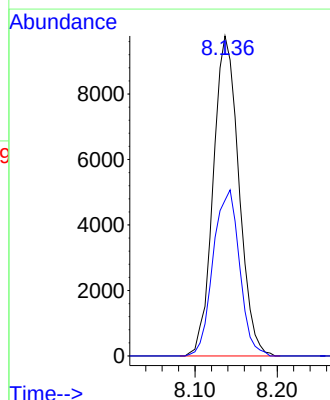
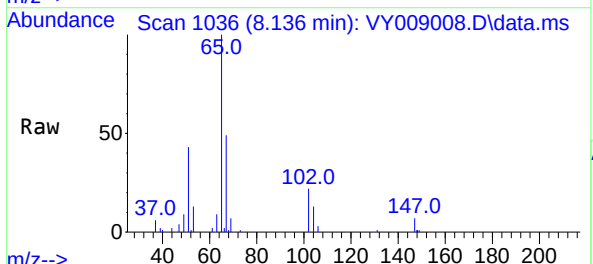
Instrument :
MSVOA_Y
ClientSampleId :
P-2

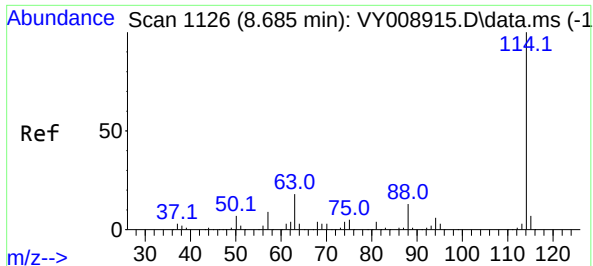
Tgt Ion:168 Resp: 40382
Ion Ratio Lower Upper
168 100
99 53.4 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 50.998 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.007 min
Lab File: VY009008.D
Acq: 23 May 2022 15:54

Tgt Ion: 65 Resp: 21195
Ion Ratio Lower Upper
65 100
67 53.3 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: VY009008.D

Acq: 23 May 2022 15:54

Instrument :

MSVOA_Y

ClientSampleId :

P-2

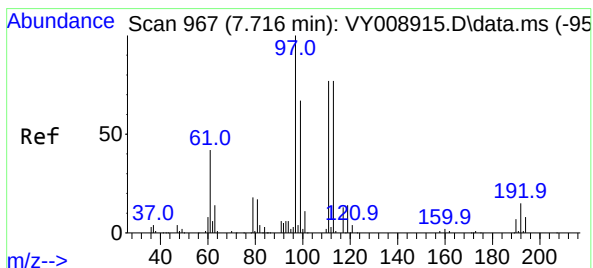
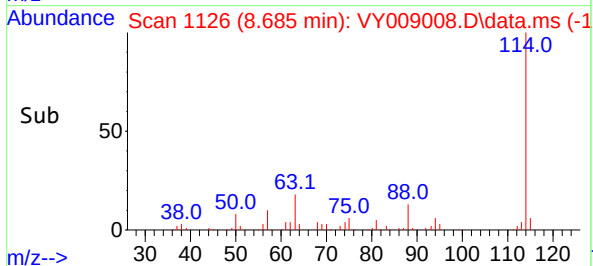
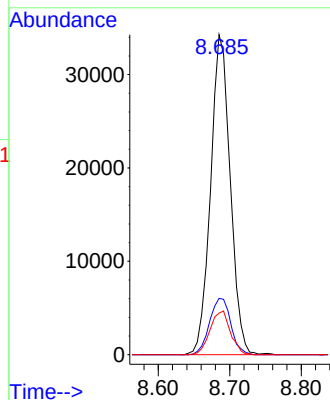
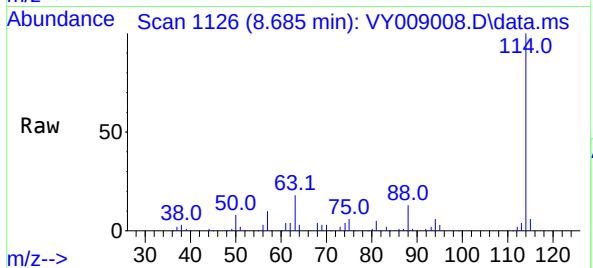
Tgt Ion:114 Resp: 65368

Ion Ratio Lower Upper

114 100

63 17.6 0.0 43.2

88 13.0 0.0 31.8



#35

Dibromofluoromethane

Concen: 51.067 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY009008.D

Acq: 23 May 2022 15:54

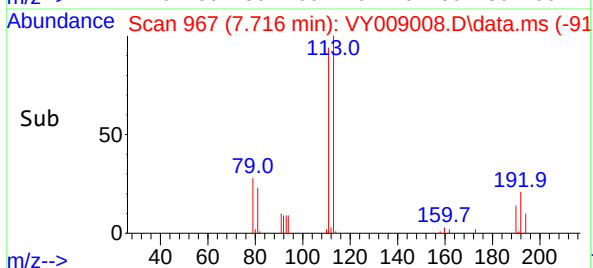
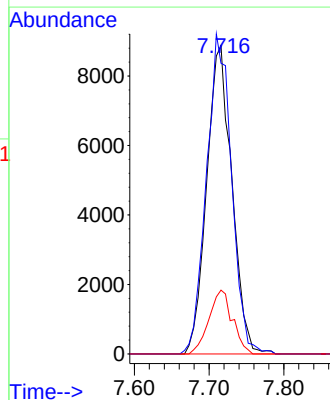
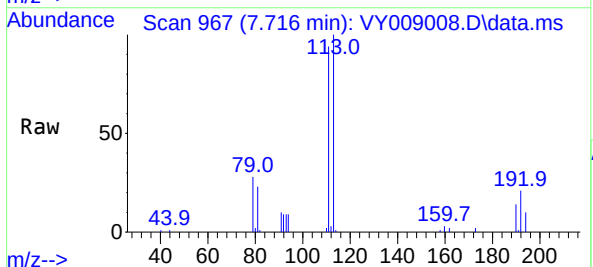
Tgt Ion:113 Resp: 20758

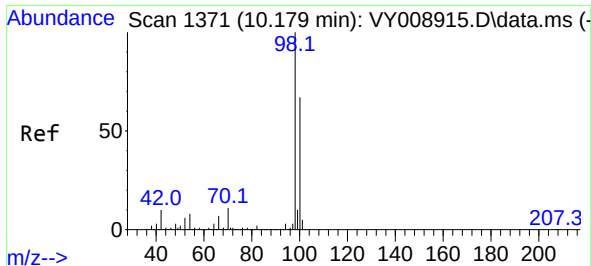
Ion Ratio Lower Upper

113 100

111 103.6 82.6 124.0

192 19.4 17.6 26.4

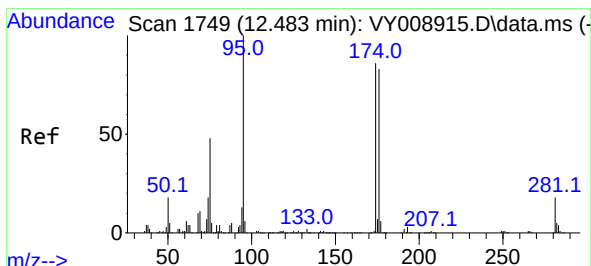
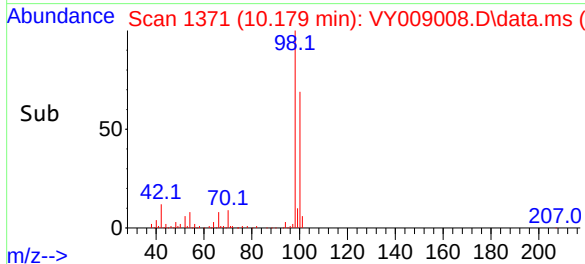
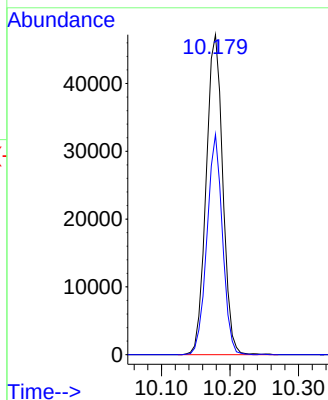
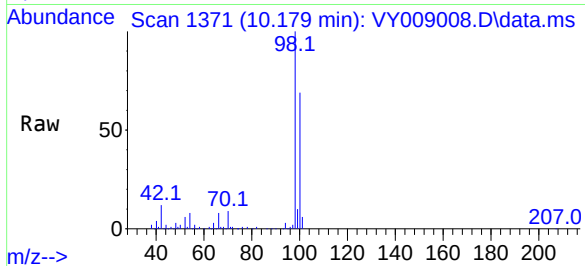




#50
Toluene-d8
Concen: 53.103 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009008.D
Acq: 23 May 2022 15:54

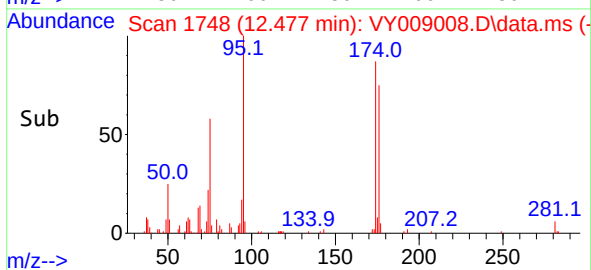
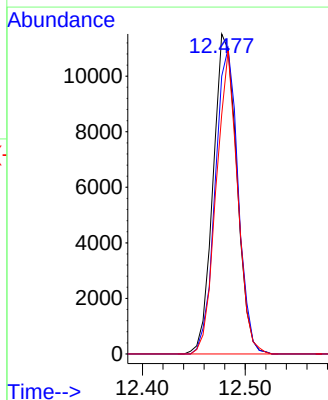
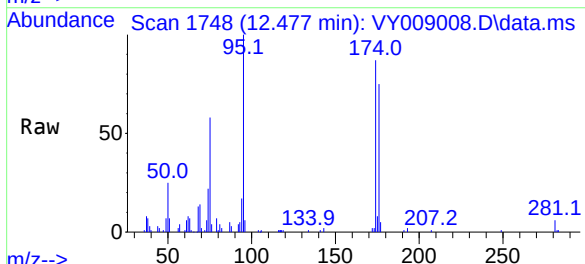
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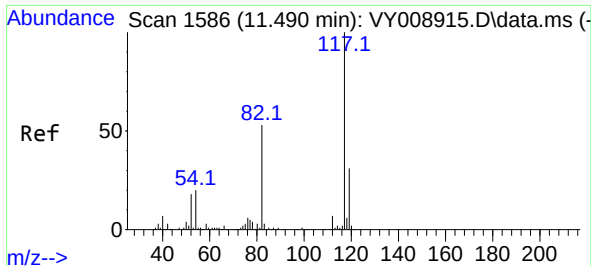
Tgt Ion: 98 Resp: 79633
Ion Ratio Lower Upper
98 100
100 64.2 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 30.394 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY009008.D
Acq: 23 May 2022 15:54

Tgt Ion: 95 Resp: 18386
Ion Ratio Lower Upper
95 100
174 92.4 0.0 177.0
176 85.2 0.0 175.8

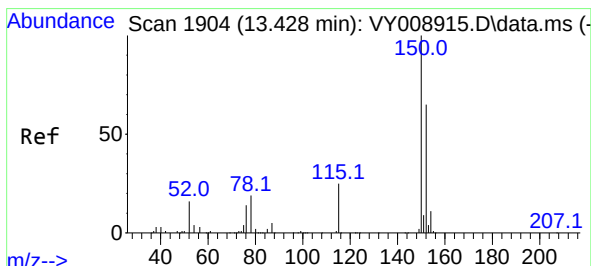
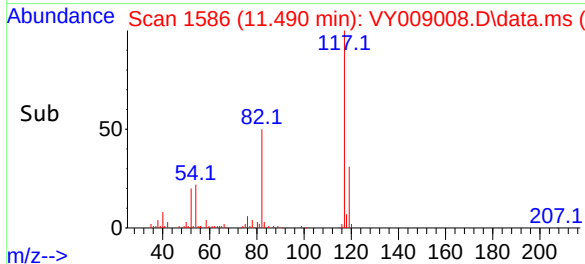
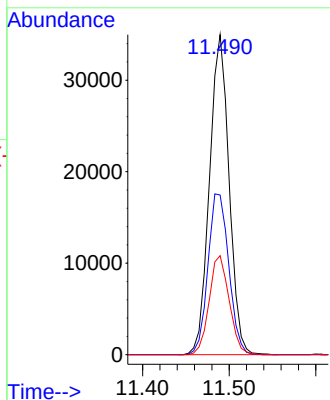
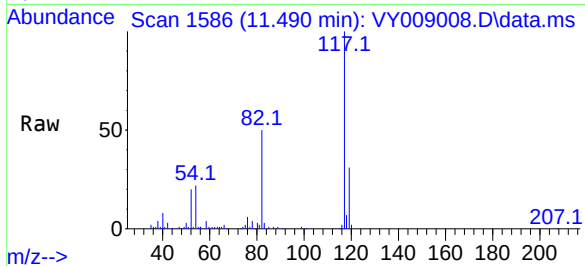




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. -0.001 min
Lab File: VY009008.D
Acq: 23 May 2022 15:54

Instrument :
MSVOA_Y
ClientSampleId :
P-2

Tgt Ion:	117	Resp:	54973
Ion Ratio	Lower	Upper	
117	100		
82	49.9	43.0	64.4
119	30.9	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: VY009008.D
Acq: 23 May 2022 15:54

Tgt Ion:	152	Resp:	20153
Ion Ratio	Lower	Upper	
152	100		
115	54.1	28.2	84.7
150	156.4	0.0	347.6

