

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051022\
 Data File : VY008687.D
 Acq On : 10 May 2022 18:07
 Operator : KP/MD
 Sample : N2762-02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB03

Quant Time: May 11 04:33:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050922S.M
 Quant Title : SW846 8260
 QLast Update : Mon May 09 19:21:20 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	7845	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.685	114	13190	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	12447	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	4870	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	4242	63.106	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	126.220%
35) Dibromofluoromethane	7.722	113	4869	59.902	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	119.800%
50) Toluene-d8	10.179	98	15251	53.244	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	106.480%
62) 4-Bromofluorobenzene	12.483	95	4465	43.328	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	86.660%

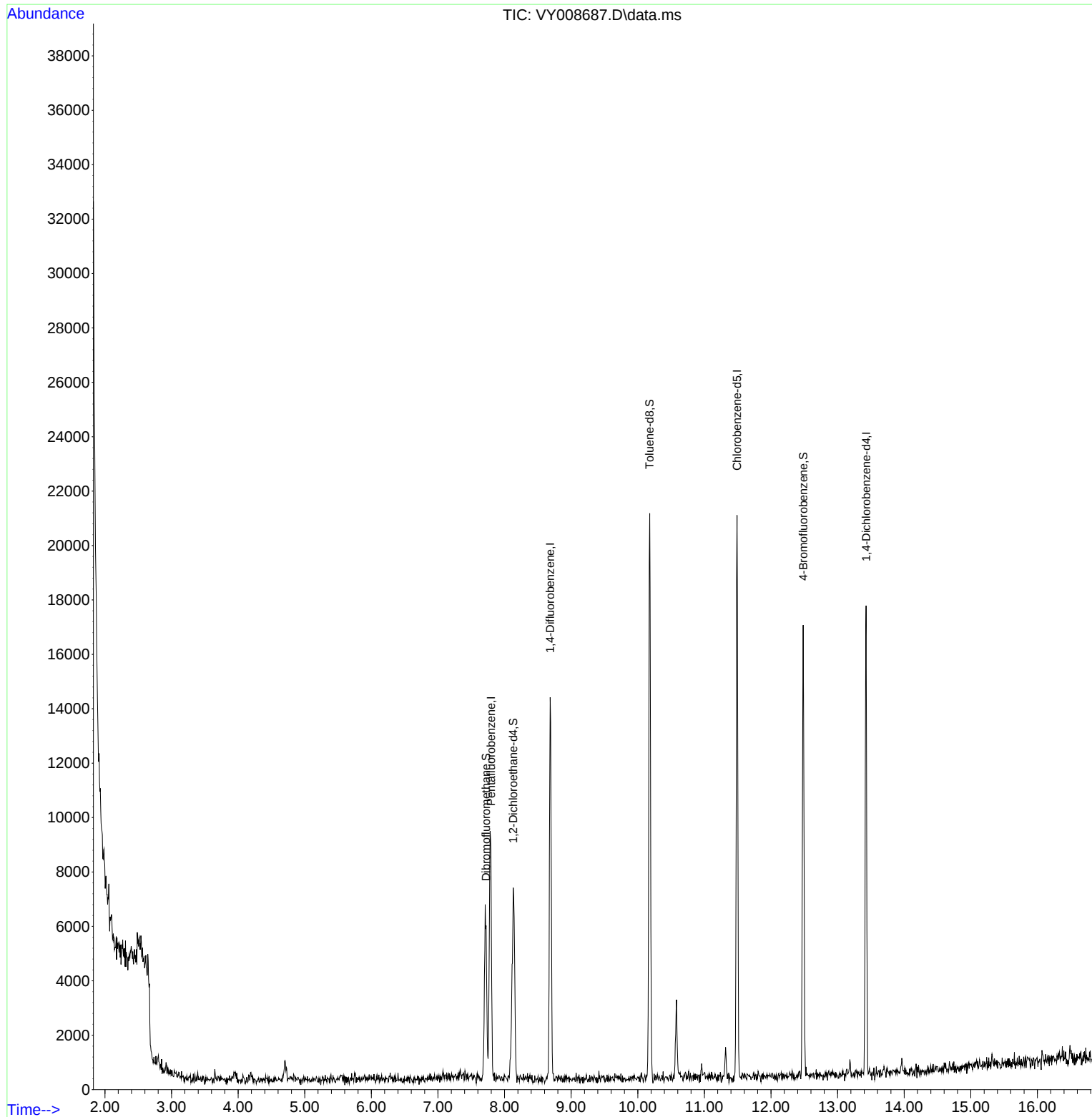
Target Compounds	Qvalue

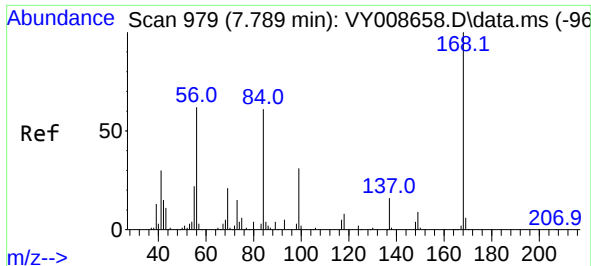
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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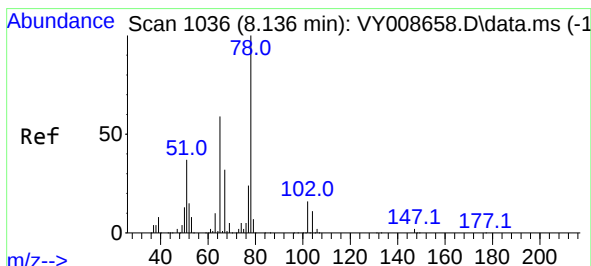
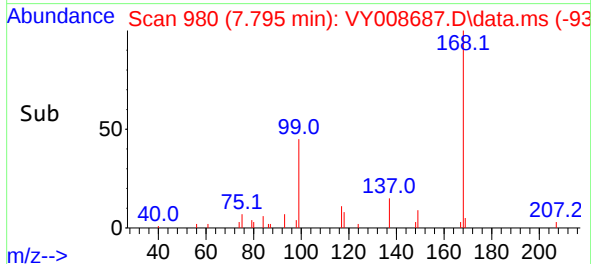
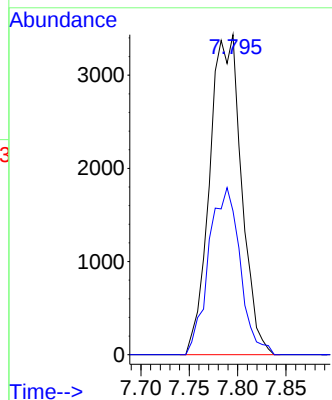
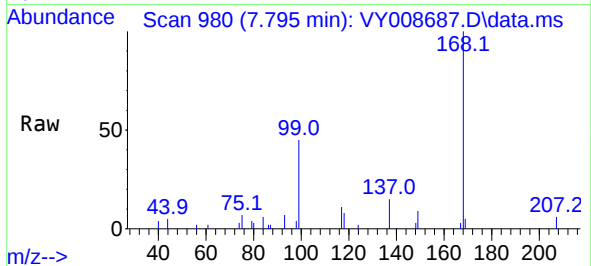




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY008687.D
Acq: 10 May 2022 18:07

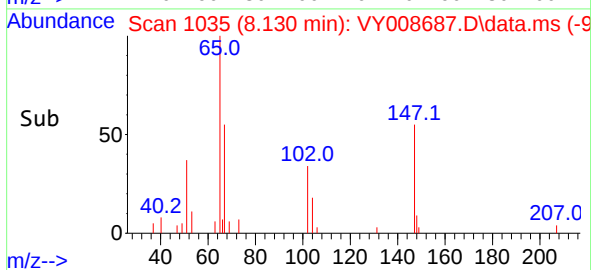
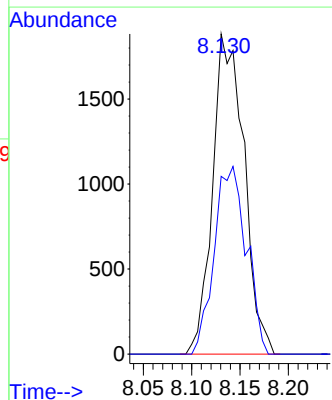
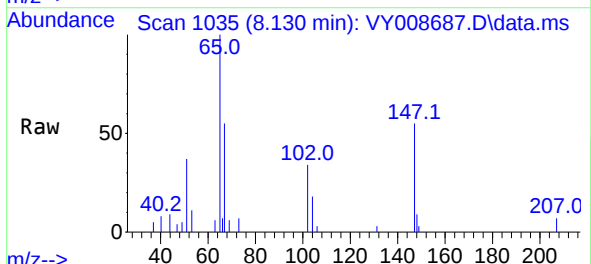
Instrument :
MSVOA_Y
ClientSampleId :
SB03

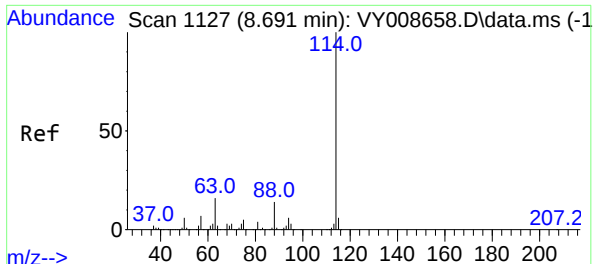
Tgt Ion:168 Resp: 7845
Ion Ratio Lower Upper
168 100
99 44.9 46.9 70.3#



#33
1,2-Dichloroethane-d4
Concen: 63.106 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.006 min
Lab File: VY008687.D
Acq: 10 May 2022 18:07

Tgt Ion: 65 Resp: 4242
Ion Ratio Lower Upper
65 100
67 60.2 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY008687.D

Acq: 10 May 2022 18:07

Instrument :

MSVOA_Y

ClientSampleId :

SB03

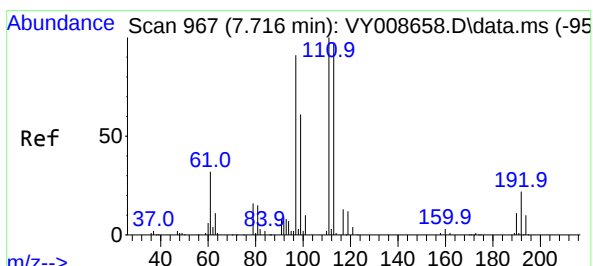
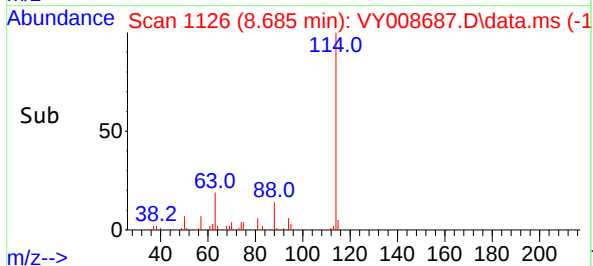
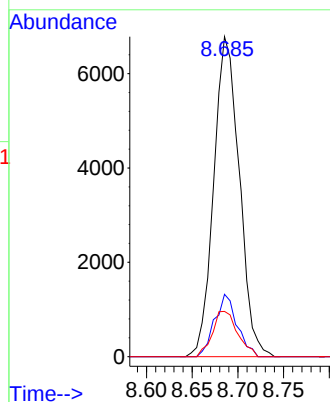
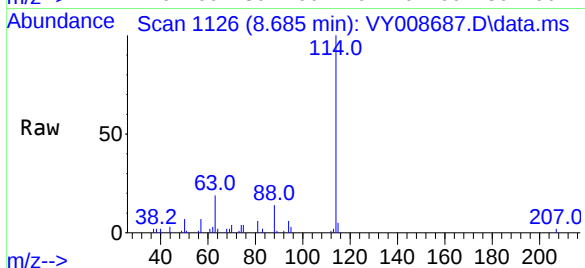
Tgt Ion:114 Resp: 13190

Ion Ratio Lower Upper

114 100

63 19.5 0.0 43.2

88 14.2 0.0 31.8



#35

Dibromofluoromethane

Concen: 59.902 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY008687.D

Acq: 10 May 2022 18:07

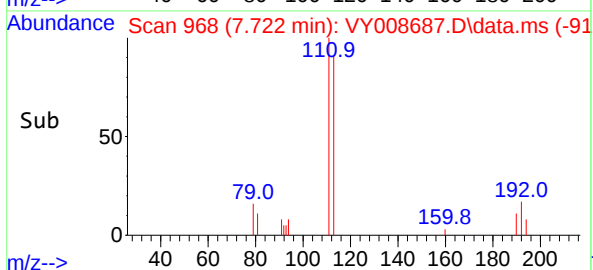
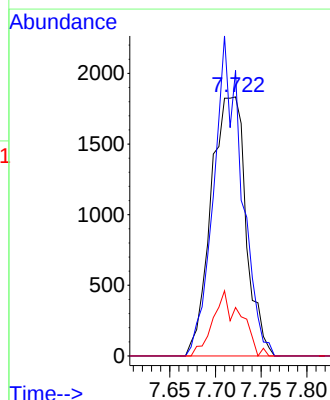
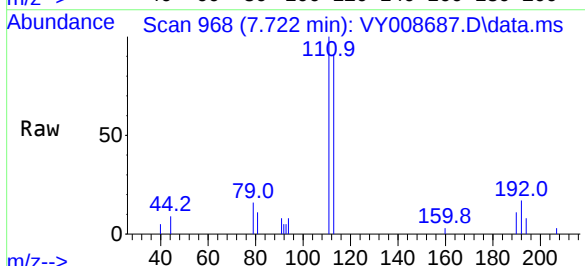
Tgt Ion:113 Resp: 4869

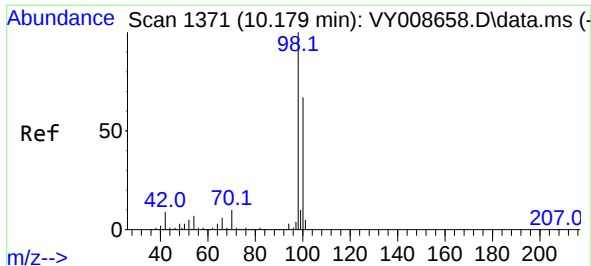
Ion Ratio Lower Upper

113 100

111 99.0 82.6 124.0

192 20.1 17.6 26.4

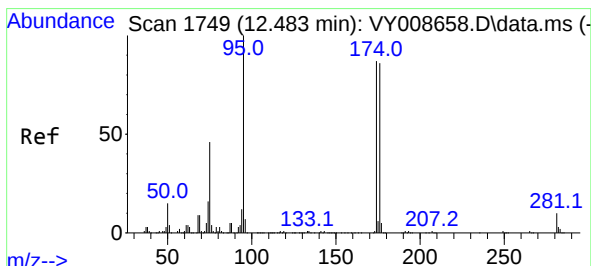
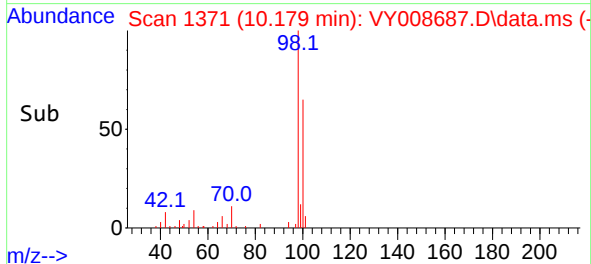
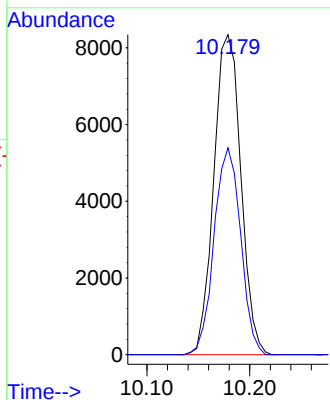
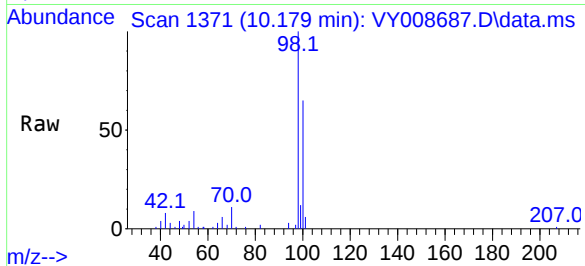




#50
Toluene-d8
Concen: 53.244 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008687.D
Acq: 10 May 2022 18:07

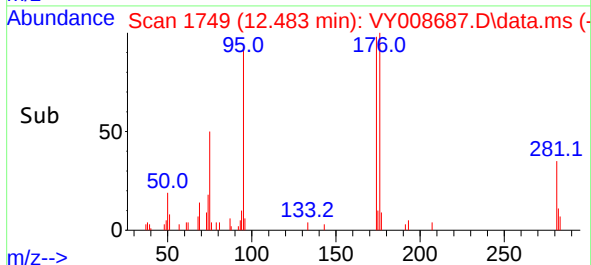
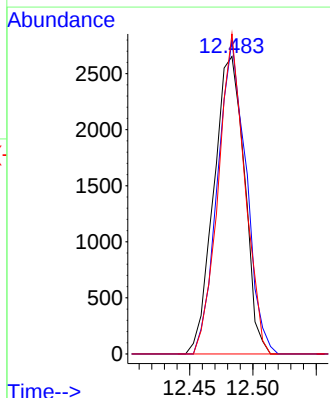
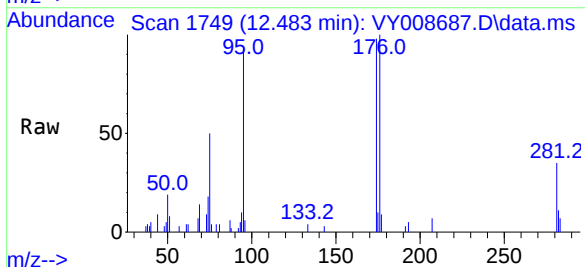
Instrument :
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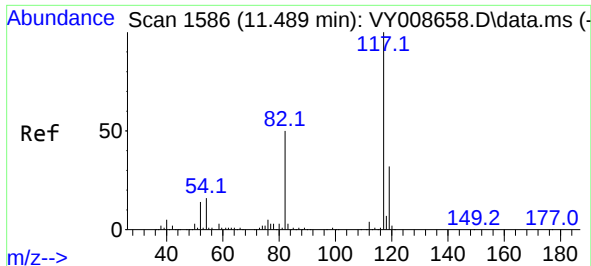
Tgt Ion: 98 Resp: 15251
Ion Ratio Lower Upper
98 100
100 63.5 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 43.328 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008687.D
Acq: 10 May 2022 18:07

Tgt Ion: 95 Resp: 4465
Ion Ratio Lower Upper
95 100
174 98.0 0.0 177.0
176 93.2 0.0 175.8

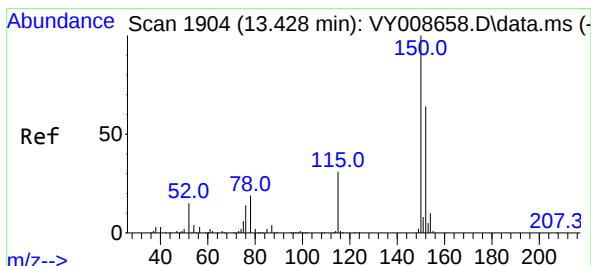
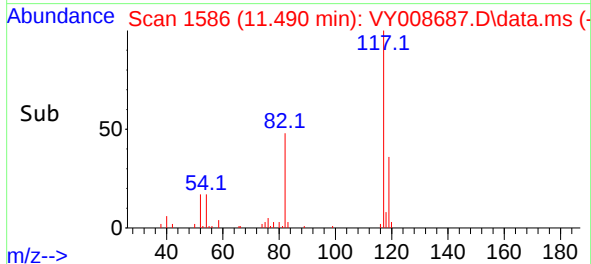
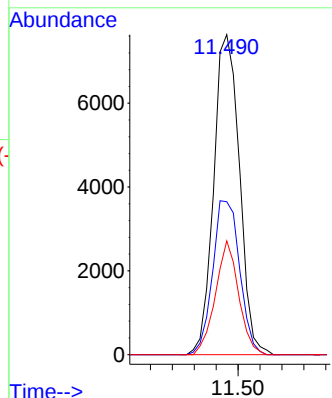
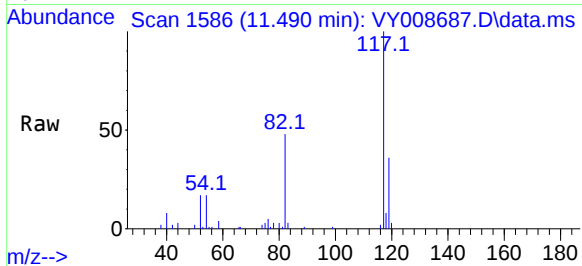




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.001 min
Lab File: VY008687.D
Acq: 10 May 2022 18:07

Instrument :
MSVOA_Y
ClientSampleId :
SB03

Tgt Ion:117 Resp: 12447
Ion Ratio Lower Upper
117 100
82 47.8 43.0 64.4
119 35.6 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: VY008687.D
Acq: 10 May 2022 18:07

Tgt Ion:152 Resp: 4870
Ion Ratio Lower Upper
152 100
115 56.2 28.2 84.7
150 158.9 0.0 347.6

