

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080822\
 Data File : VY009884.D
 Acq On : 08 Aug 2022 19:18
 Operator : KP/MD
 Sample : N4064-04
 Misc : 5.09g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-16

Quant Time: Aug 08 19:34:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080822S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 08 17:55:50 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.777	168	1727	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	2648	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	2305	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.416	152	790	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	971	74.655	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	149.320%
35) Dibromofluoromethane	7.716	113	405	28.175	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	56.340%
50) Toluene-d8	10.173	98	2063	46.971	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	93.940%
62) 4-Bromofluorobenzene	12.477	95	748	37.268	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	74.540%

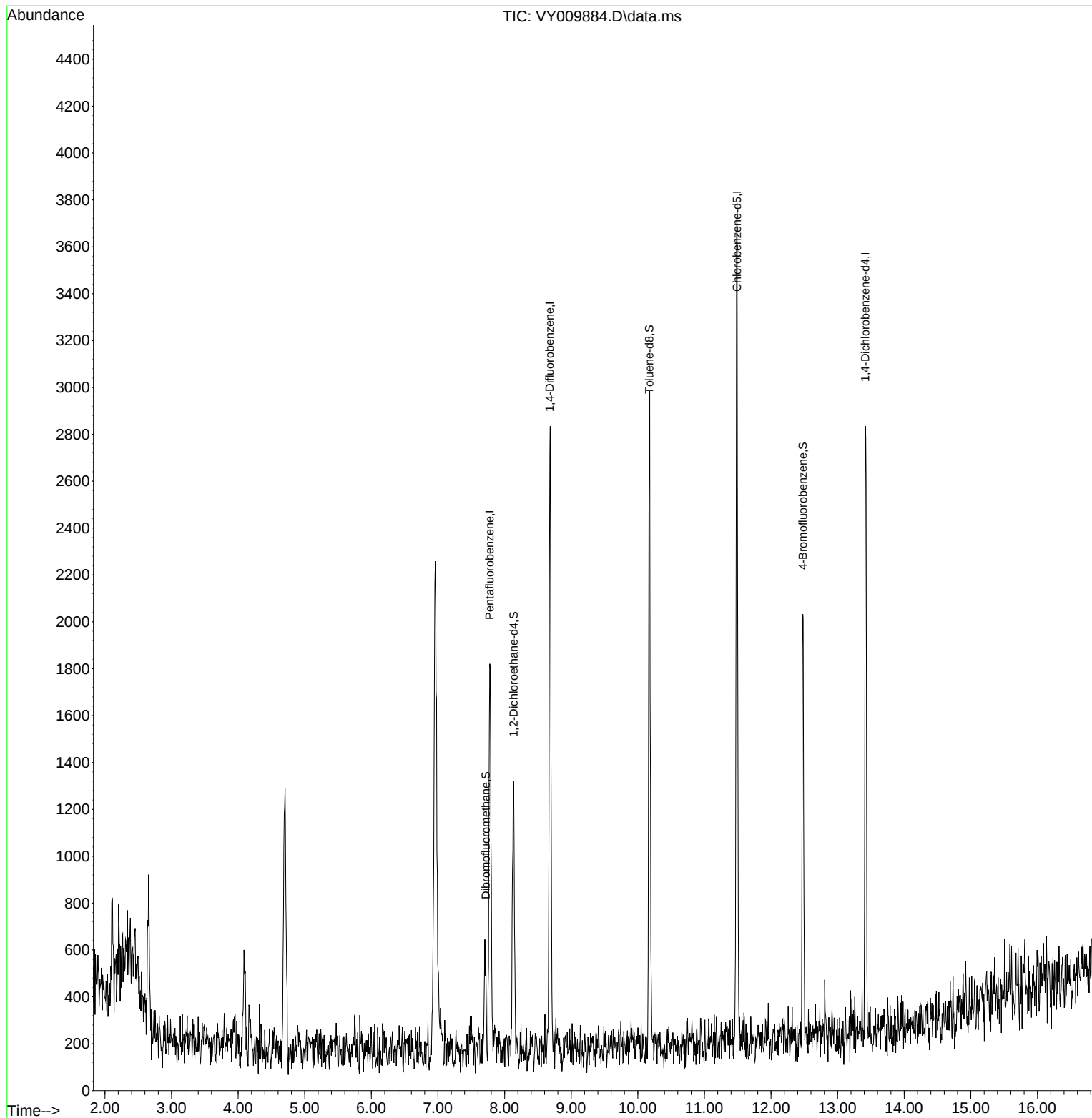
Target Compounds	Qvalue

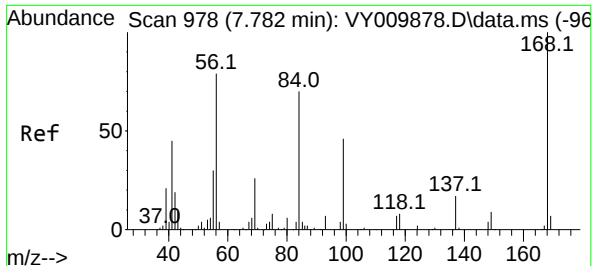
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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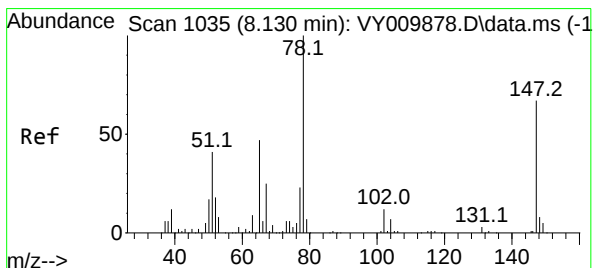
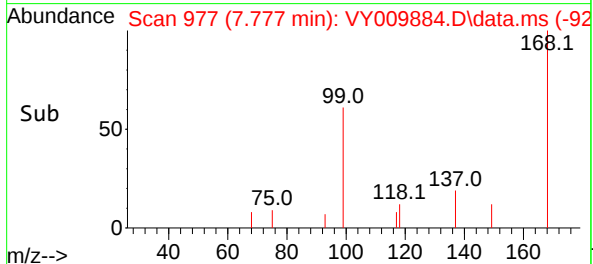
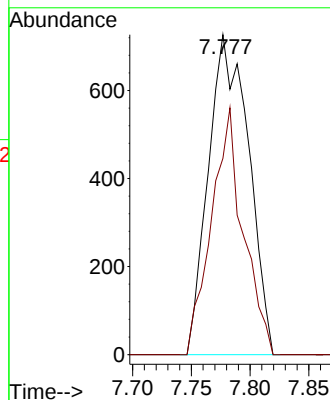
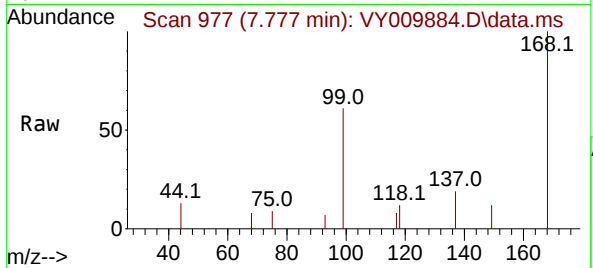




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.005 min
Lab File: VY009884.D
Acq: 08 Aug 2022 19:18

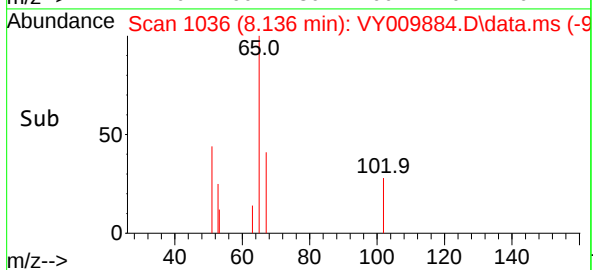
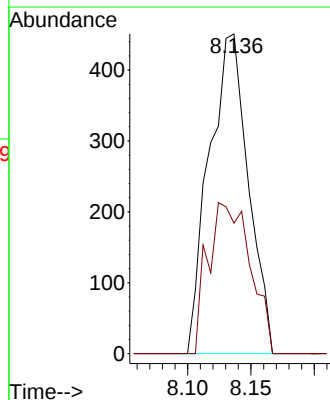
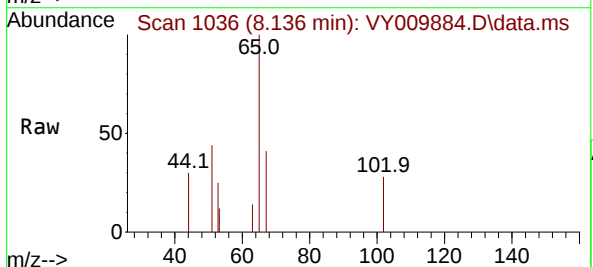
Instrument :
MSVOA_Y
ClientSampleId :
SB-16

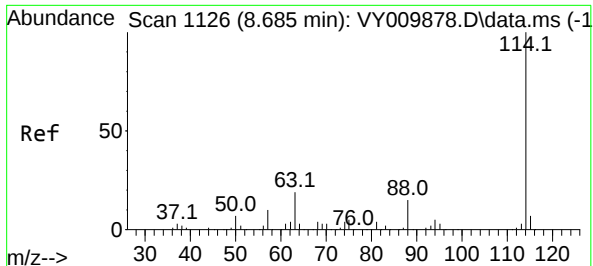
Tgt Ion:168 Resp: 1727
Ion Ratio Lower Upper
168 100
99 61.3 42.1 63.1



#33
1,2-Dichloroethane-d4
Concen: 74.655 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.006 min
Lab File: VY009884.D
Acq: 08 Aug 2022 19:18

Tgt Ion: 65 Resp: 971
Ion Ratio Lower Upper
65 100
67 51.4 0.0 108.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.679 min Scan# 1125

Delta R.T. -0.006 min

Lab File: VY009884.D

Acq: 08 Aug 2022 19:18

Instrument :

MSVOA_Y

ClientSampleId :

SB-16

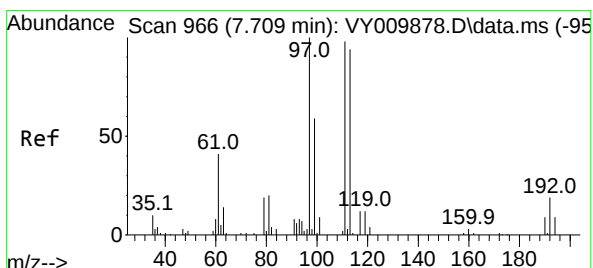
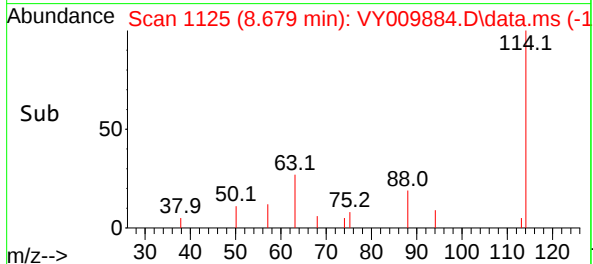
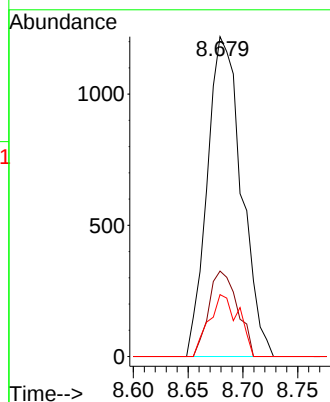
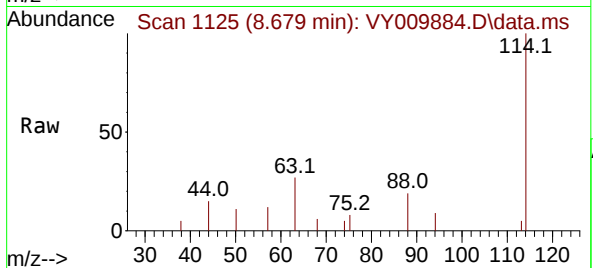
Tgt Ion:114 Resp: 2648

Ion Ratio Lower Upper

114 100

63 26.7 0.0 38.0

88 19.4 0.0 30.0



#35

Dibromofluoromethane

Concen: 28.175 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.007 min

Lab File: VY009884.D

Acq: 08 Aug 2022 19:18

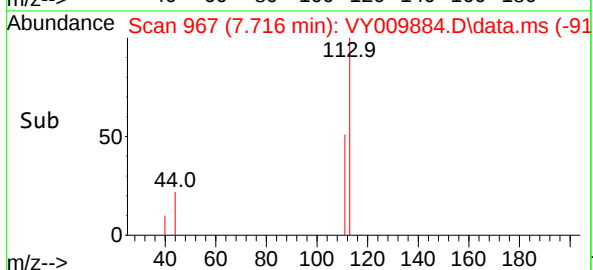
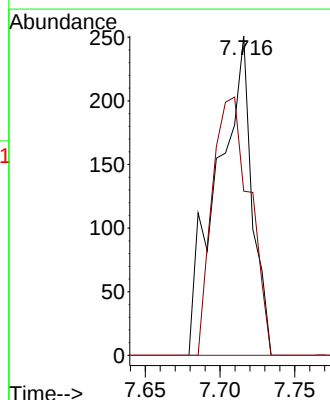
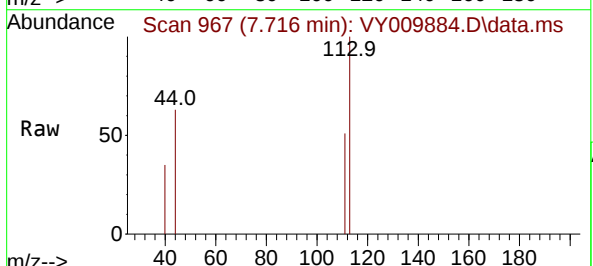
Tgt Ion:113 Resp: 405

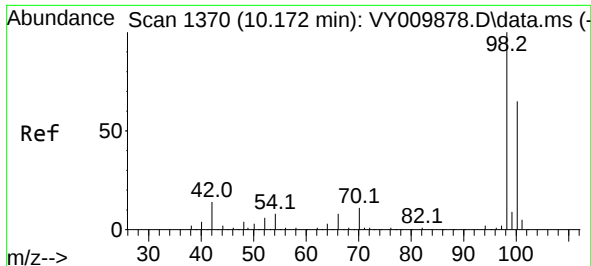
Ion Ratio Lower Upper

113 100

111 87.2 80.6 120.8

192 0.0 16.2 24.4#

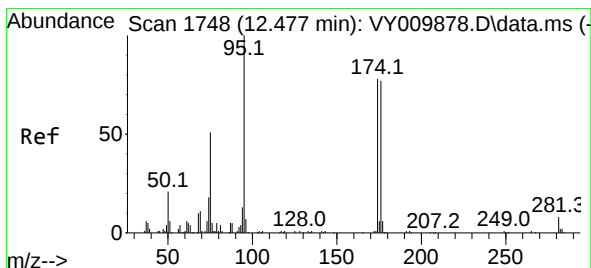
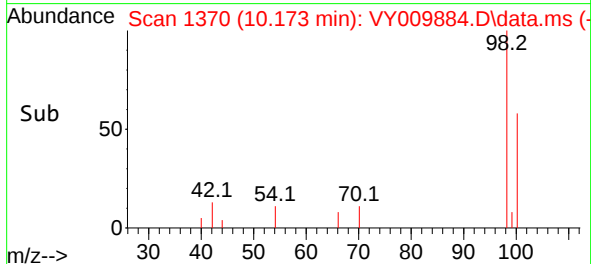
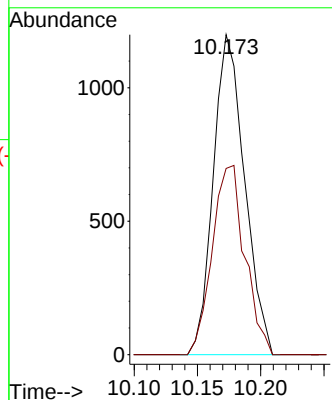
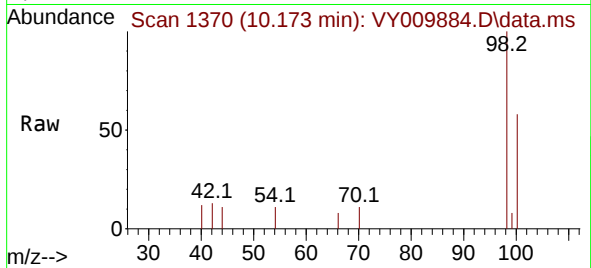




#50
Toluene-d8
Concen: 46.971 ug/l
RT: 10.173 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY009884.D
Acq: 08 Aug 2022 19:18

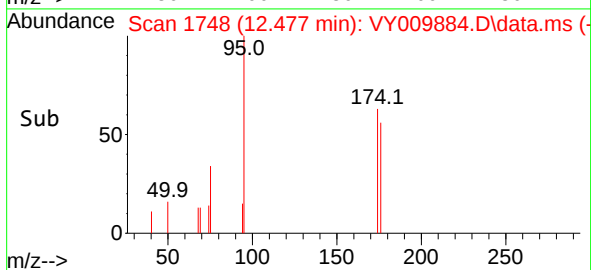
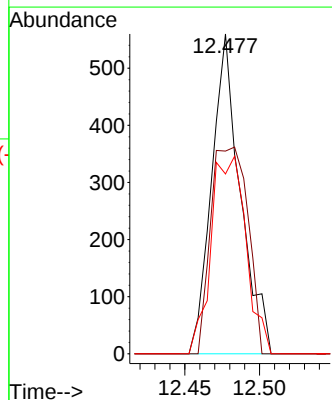
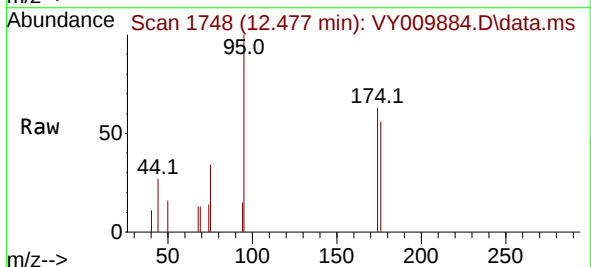
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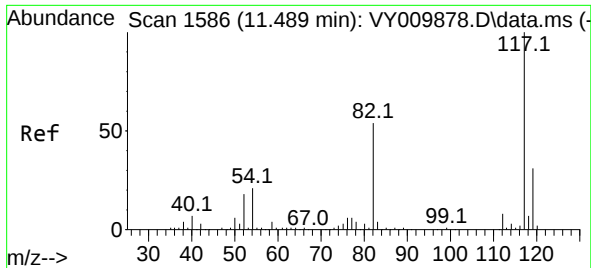
Tgt Ion: 98 Resp: 2063
Ion Ratio Lower Upper
98 100
100 61.6 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 37.268 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009884.D
Acq: 08 Aug 2022 19:18

Tgt Ion: 95 Resp: 748
Ion Ratio Lower Upper
95 100
174 83.3 0.0 173.8
176 75.0 0.0 167.0

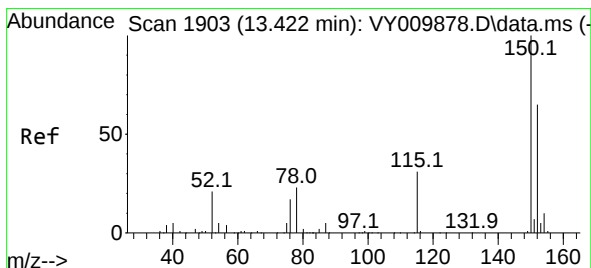
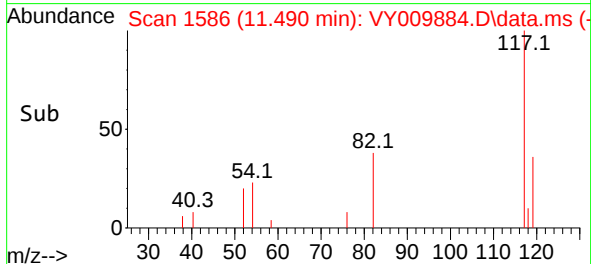
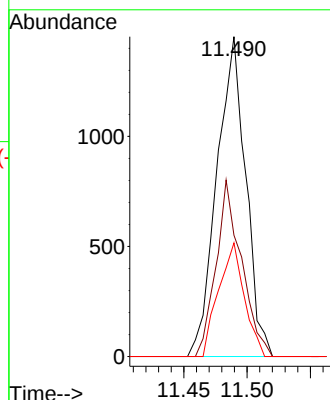
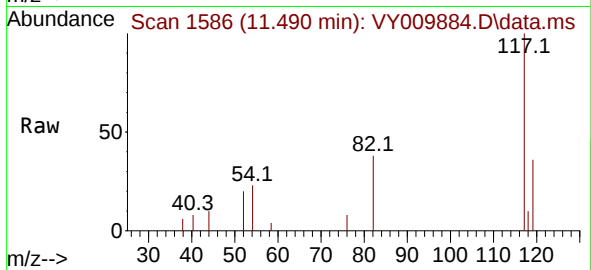




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY009884.D
Acq: 08 Aug 2022 19:18

Instrument :
MSVOA_Y
ClientSampleId :
SB-16

Tgt Ion:117 Resp: 2305
Ion Ratio Lower Upper
117 100
82 37.9 41.8 62.6#
119 35.5 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.416 min Scan# 1902
Delta R.T. -0.006 min
Lab File: VY009884.D
Acq: 08 Aug 2022 19:18

Tgt Ion:152 Resp: 790
Ion Ratio Lower Upper
152 100
115 54.2 28.6 85.9
150 160.9 0.0 349.8

