

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080122\
 Data File : VY009804.D
 Acq On : 01 Aug 2022 18:12
 Operator : KP/MD
 Sample : N3979-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-06-072922

Quant Time: Aug 02 01:41:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y072622S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 27 04:24:58 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	3211	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	4868	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	4327	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	1294	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	1413	67.968	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 135.940%	
35) Dibromofluoromethane	7.716	113	572	21.605	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 43.200%#	
50) Toluene-d8	10.179	98	4034	52.532	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	= 105.060%	
62) 4-Bromofluorobenzene	12.477	95	989	28.172	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	= 56.340%	

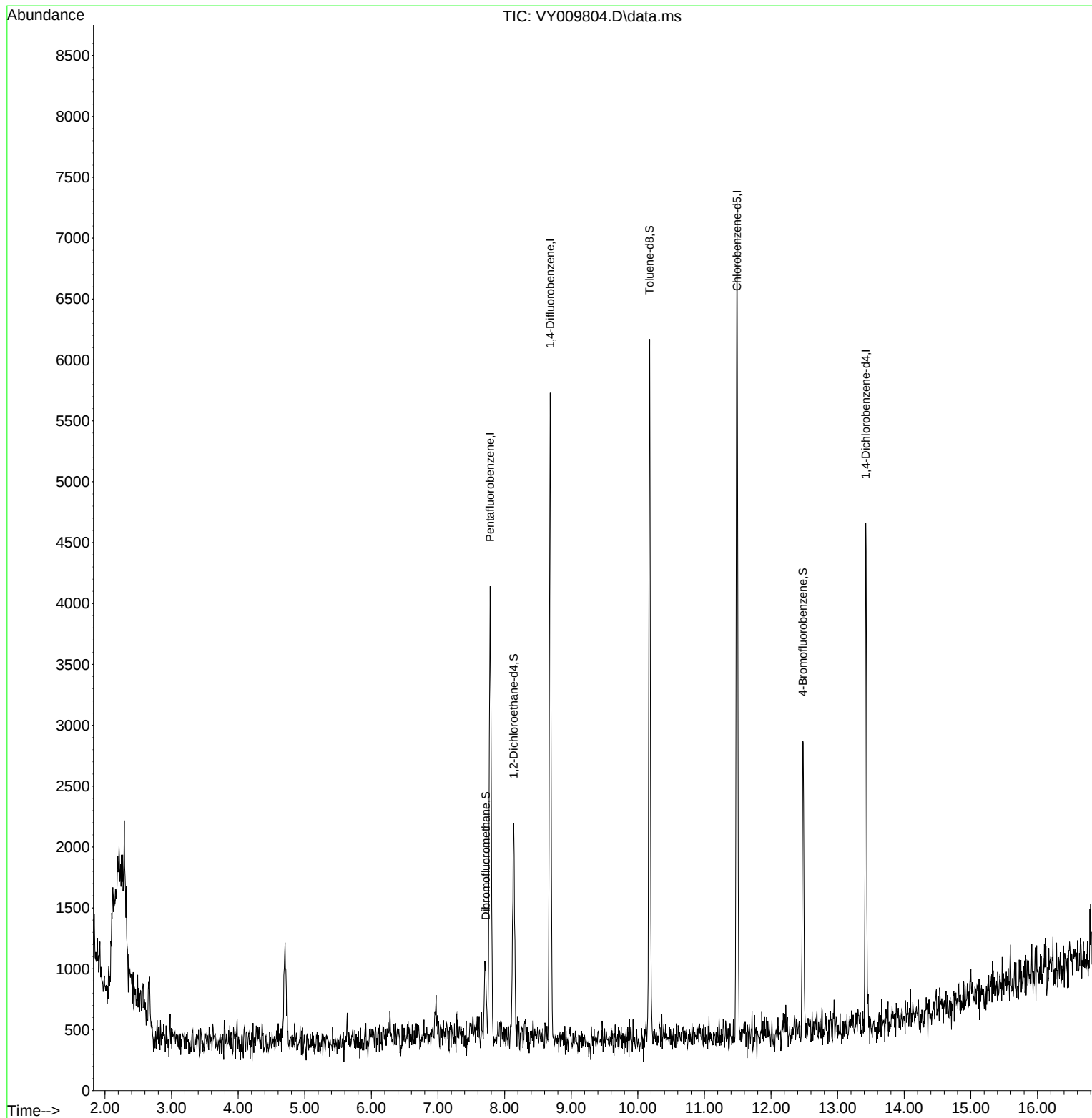
Target Compounds	Qvalue

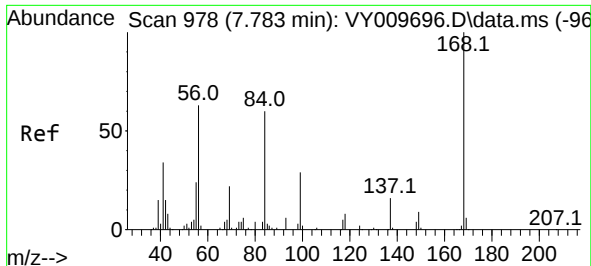
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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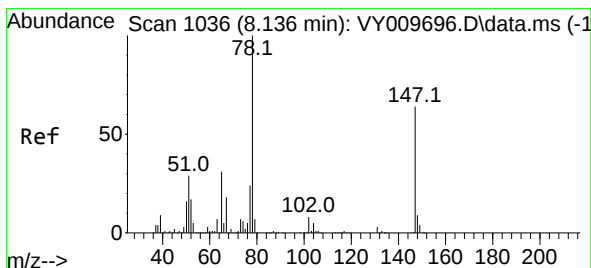
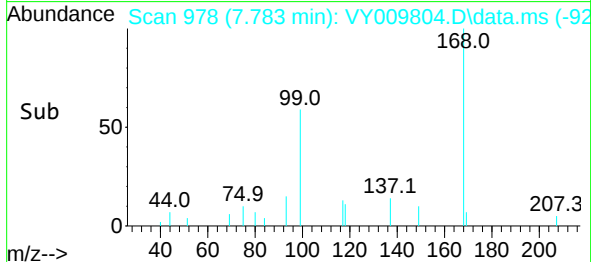
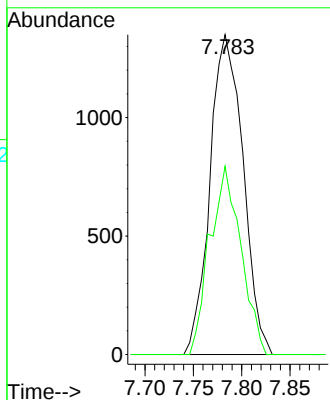
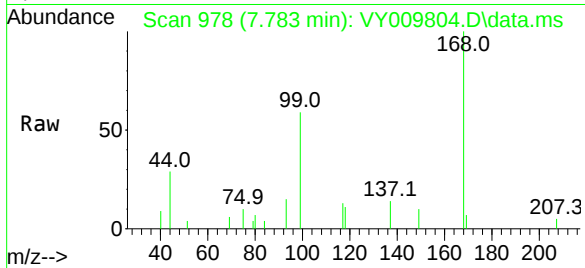




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009804.D
Acq: 01 Aug 2022 18:12

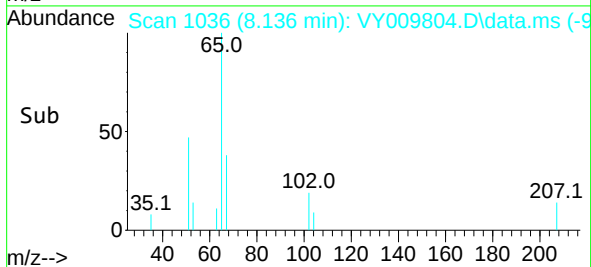
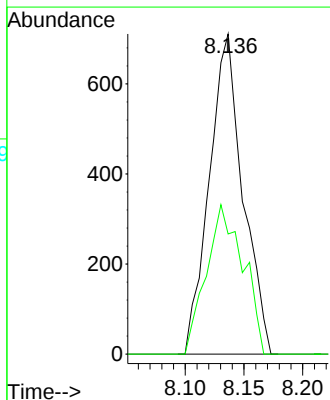
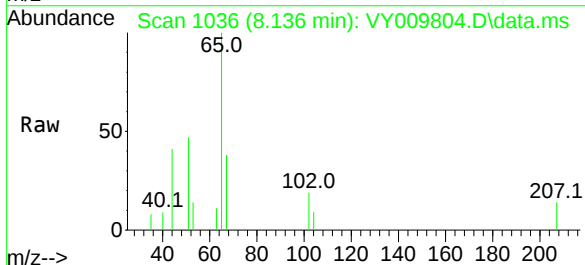
Instrument :
MSVOA_Y
ClientSampleId :
TR-06-072922

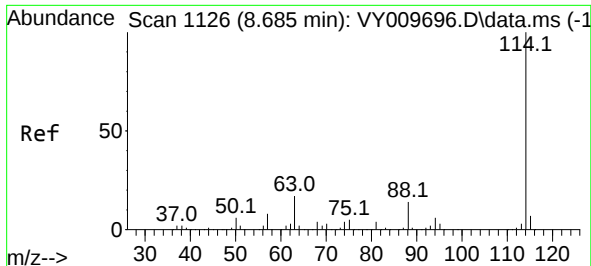
Tgt Ion:168 Resp: 3211
Ion Ratio Lower Upper
168 100
99 58.8 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 67.968 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY009804.D
Acq: 01 Aug 2022 18:12

Tgt Ion: 65 Resp: 1413
Ion Ratio Lower Upper
65 100
67 51.2 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: VY009804.D

Acq: 01 Aug 2022 18:12

Instrument :

MSVOA_Y

ClientSampleId :

TR-06-072922

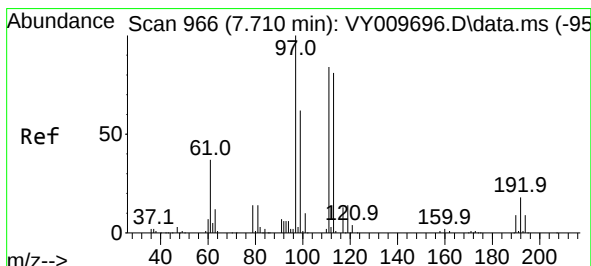
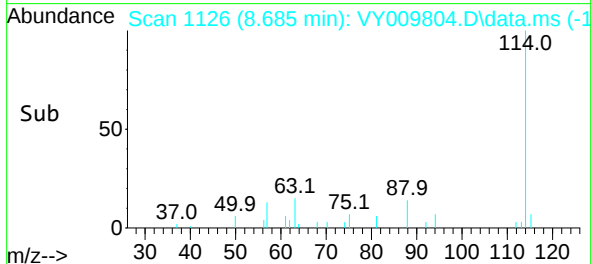
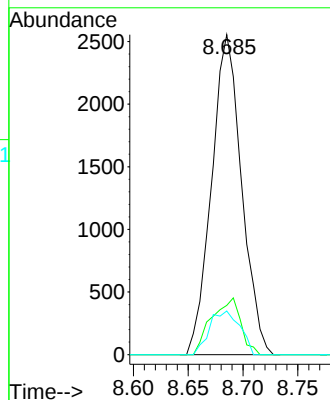
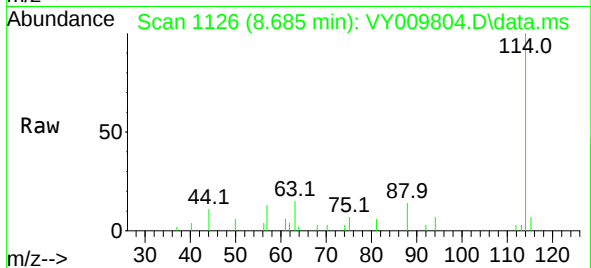
Tgt Ion:114 Resp: 4868

Ion Ratio Lower Upper

114 100

63 15.4 0.0 43.2

88 13.7 0.0 31.8



#35

Dibromofluoromethane

Concen: 21.605 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.006 min

Lab File: VY009804.D

Acq: 01 Aug 2022 18:12

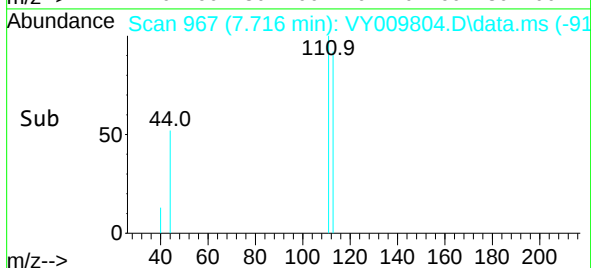
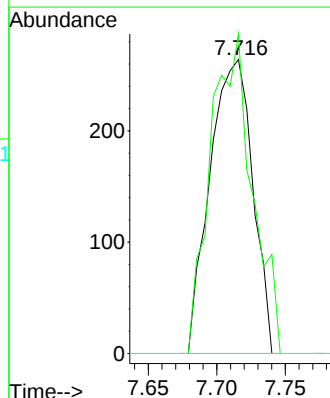
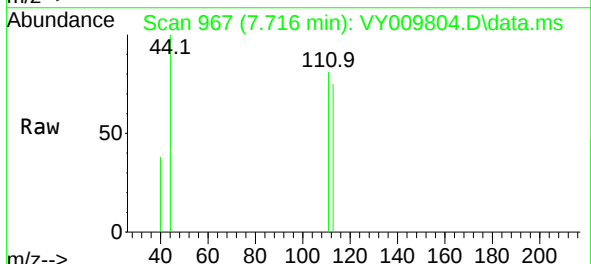
Tgt Ion:113 Resp: 572

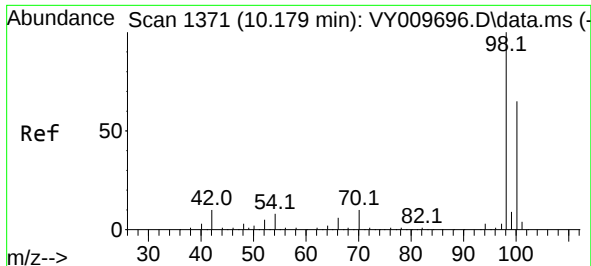
Ion Ratio Lower Upper

113 100

111 106.5 82.6 124.0

192 0.0 17.6 26.4#

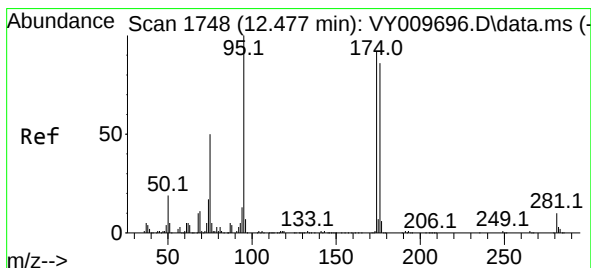
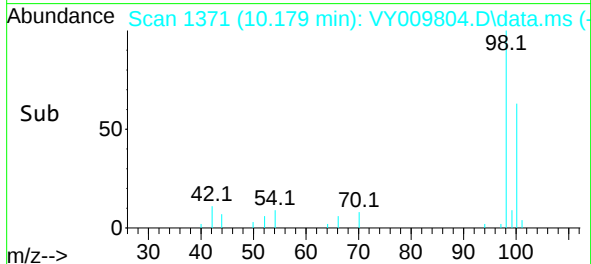
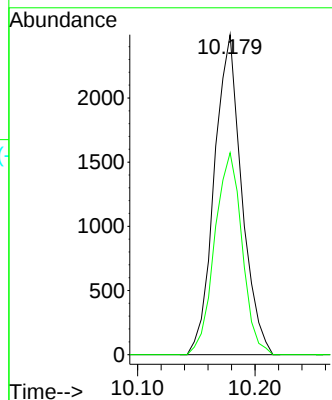
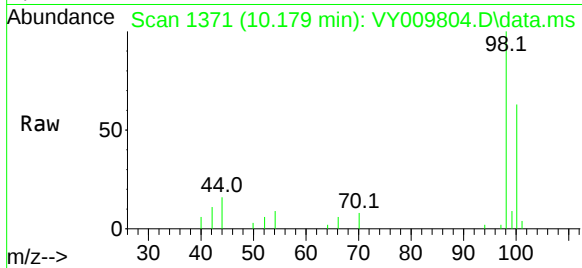




#50
Toluene-d8
Concen: 52.532 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009804.D
Acq: 01 Aug 2022 18:12

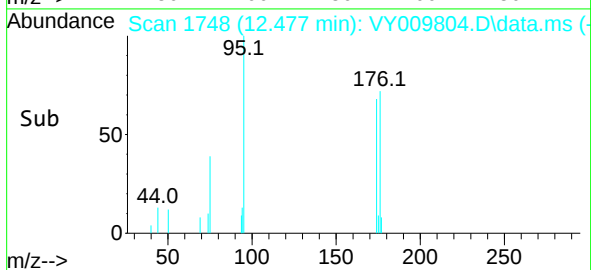
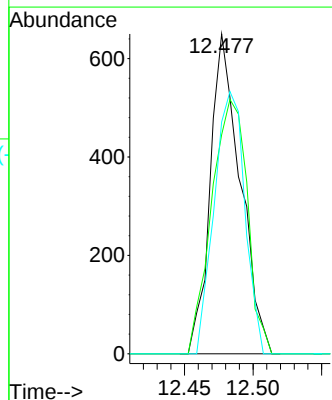
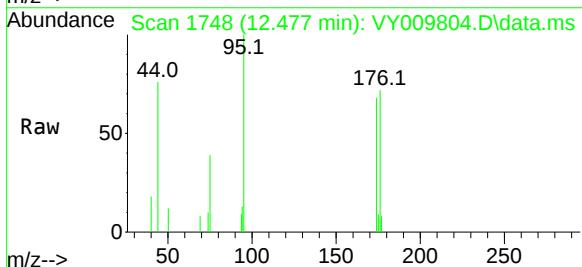
Instrument :
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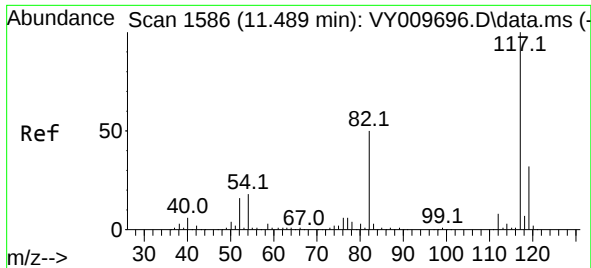
Tgt Ion: 98 Resp: 4034
Ion Ratio Lower Upper
98 100
100 63.0 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 28.172 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009804.D
Acq: 01 Aug 2022 18:12

Tgt Ion: 95 Resp: 989
Ion Ratio Lower Upper
95 100
174 94.5 0.0 177.0
176 83.5 0.0 175.8

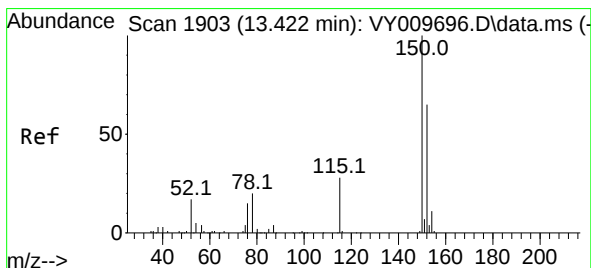
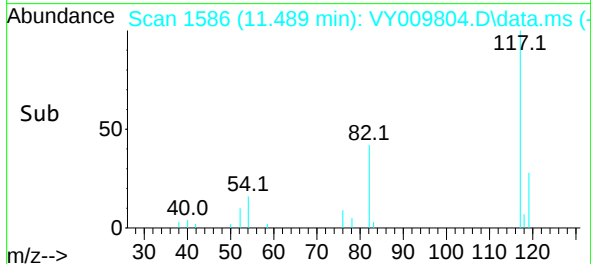
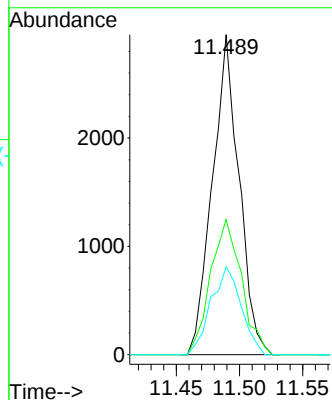
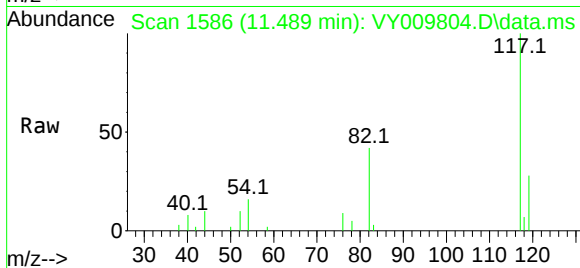




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY009804.D
Acq: 01 Aug 2022 18:12

Instrument :
MSVOA_Y
ClientSampleId :
TR-06-072922

Tgt Ion:117 Resp: 4327
Ion Ratio Lower Upper
117 100
82 42.2 43.0 64.4#
119 27.5 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY009804.D
Acq: 01 Aug 2022 18:12

Tgt Ion:152 Resp: 1294
Ion Ratio Lower Upper
152 100
115 51.4 28.2 84.7
150 149.3 0.0 347.6

