

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102921\
 Data File : VY006536.D
 Acq On : 29 Oct 2021 13:44
 Operator : SY/MD
 Sample : M4406-05
 Misc : 5.04G/5ML/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 280243

Quant Time: Oct 30 02:59:24 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102221S.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 23 06:59:04 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	121963	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	205708	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	190501	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	80116	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	91902	61.234	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 122.460%	
35) Dibromofluoromethane	7.722	113	63799	55.644	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.280%	
50) Toluene-d8	10.185	98	263485	54.210	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 108.420%	
62) 4-Bromofluorobenzene	12.483	95	84063	51.343	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 102.680%	

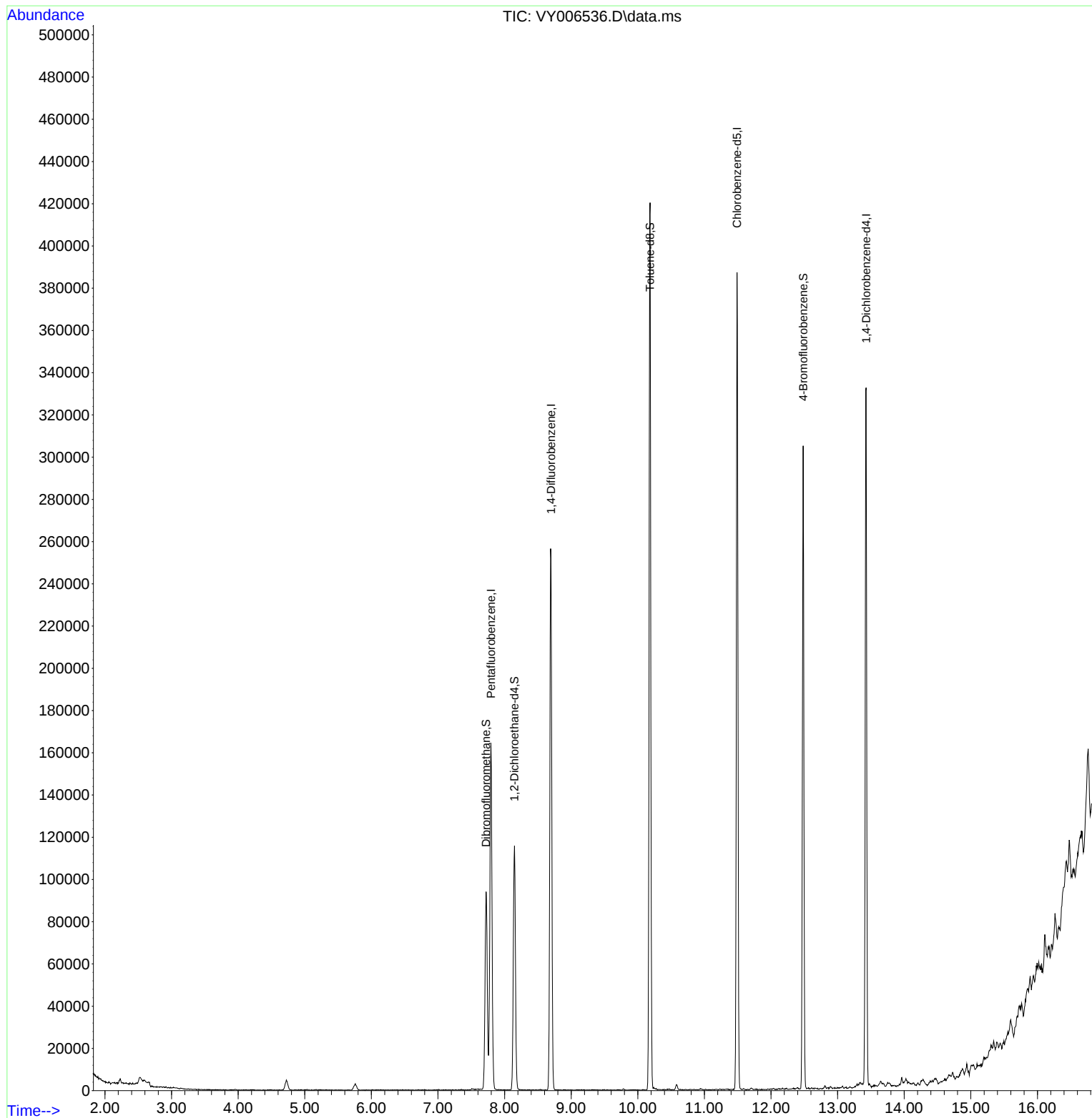
Target Compounds	Qvalue

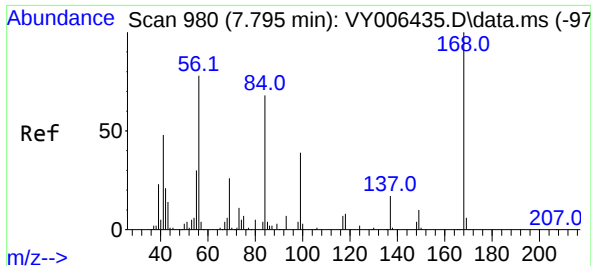
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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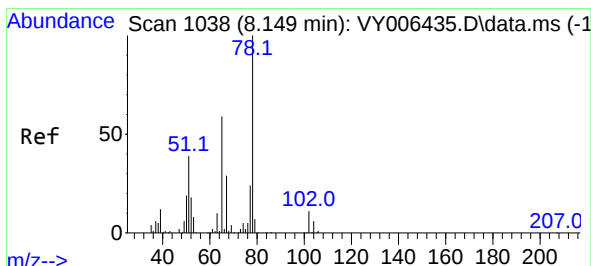
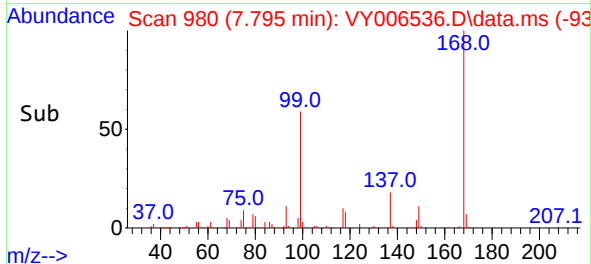
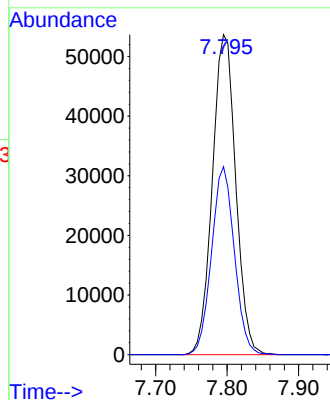
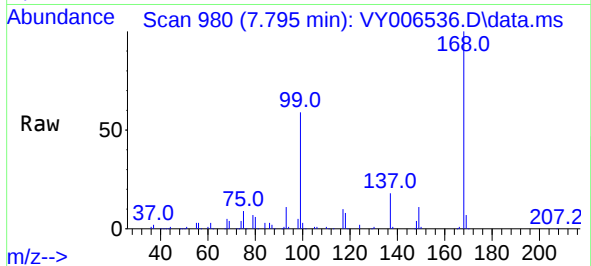




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY006536.D
Acq: 29 Oct 2021 13:44

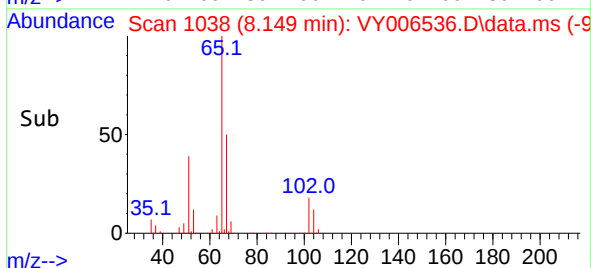
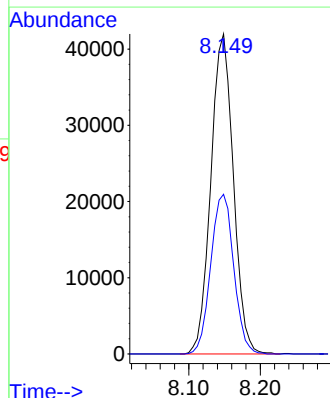
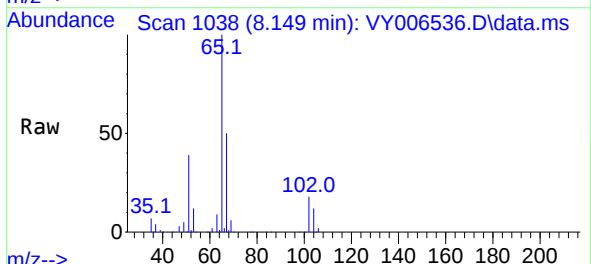
Instrument :
MSVOA_Y
ClientSampleId :
280243

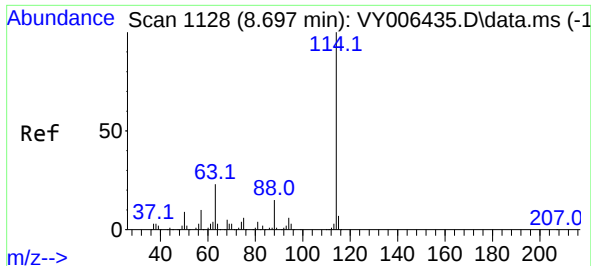
Tgt Ion:168 Resp: 121963
Ion Ratio Lower Upper
168 100
99 58.7 44.8 67.2



#33
1,2-Dichloroethane-d4
Concen: 61.234 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY006536.D
Acq: 29 Oct 2021 13:44

Tgt Ion: 65 Resp: 91902
Ion Ratio Lower Upper
65 100
67 50.8 0.0 98.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VY006536.D

Acq: 29 Oct 2021 13:44

Instrument :

MSVOA_Y

ClientSampleId :

280243

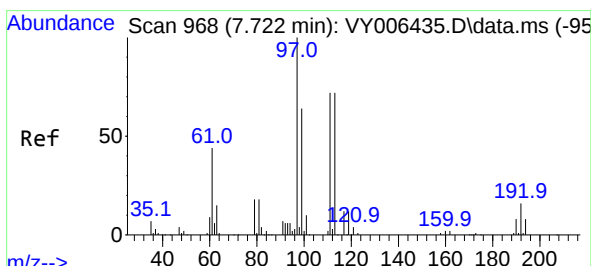
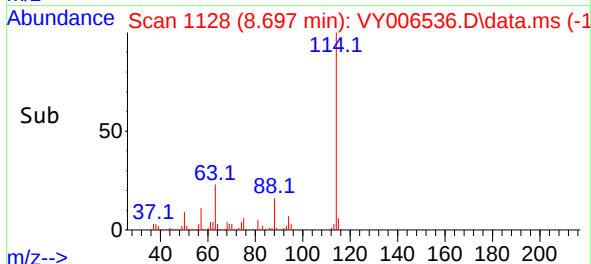
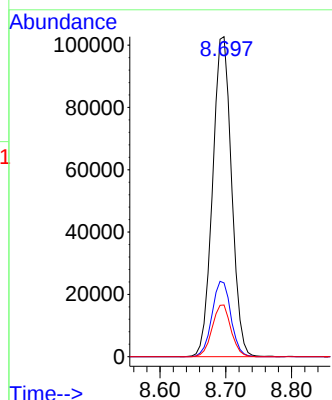
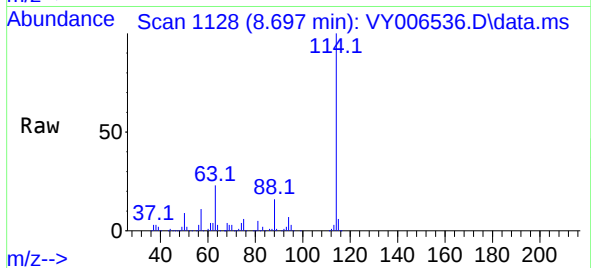
Tgt Ion:114 Resp: 205708

Ion Ratio Lower Upper

114 100

63 23.0 0.0 45.0

88 16.1 0.0 30.6



#35

Dibromofluoromethane

Concen: 55.644 ug/l

RT: 7.722 min Scan# 968

Delta R.T. -0.000 min

Lab File: VY006536.D

Acq: 29 Oct 2021 13:44

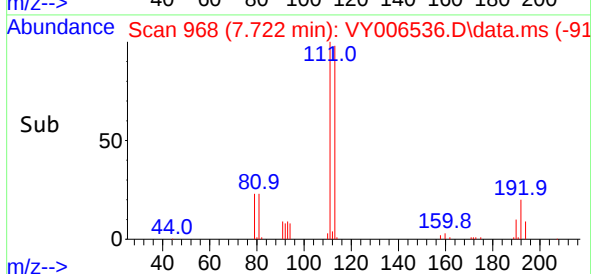
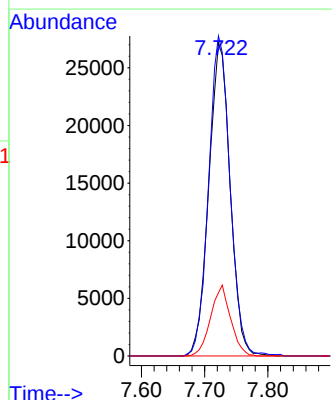
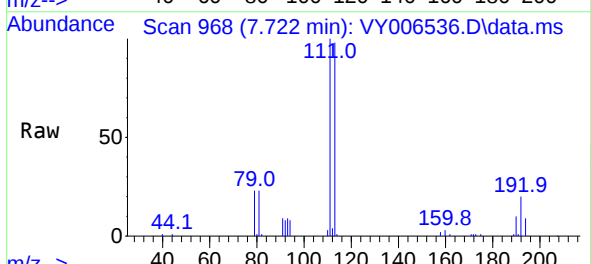
Tgt Ion:113 Resp: 63799

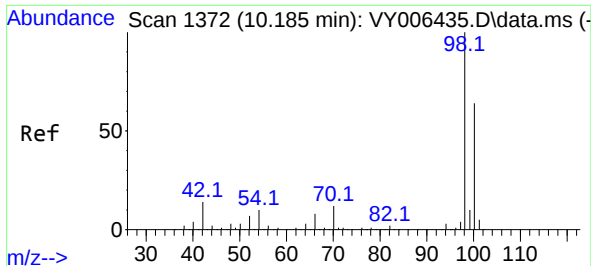
Ion Ratio Lower Upper

113 100

111 102.6 82.3 123.5

192 21.1 17.4 26.2

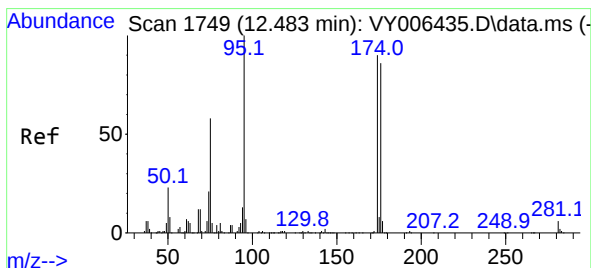
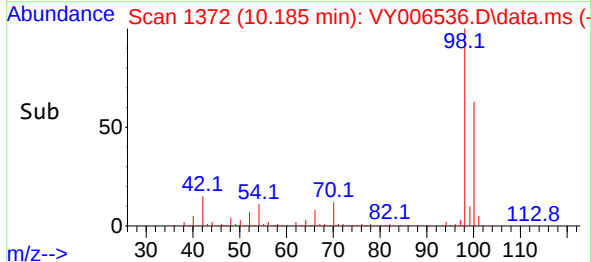
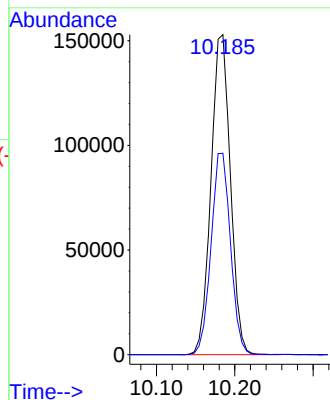
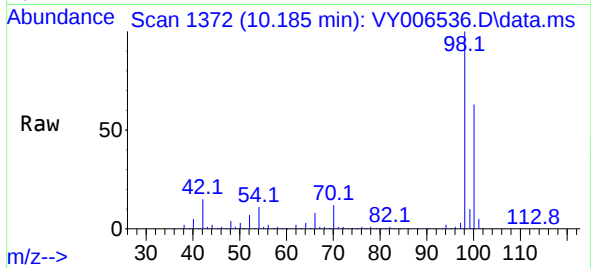




#50
Toluene-d8
Concen: 54.210 ug/l
RT: 10.185 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY006536.D
Acq: 29 Oct 2021 13:44

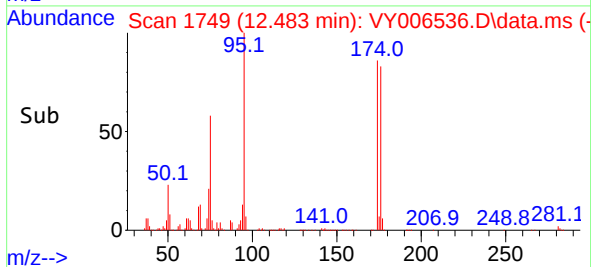
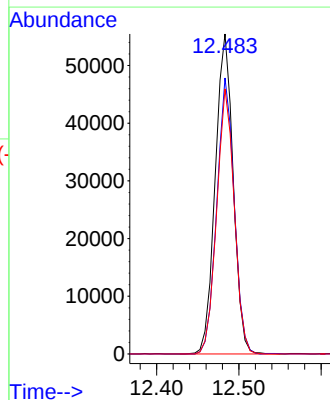
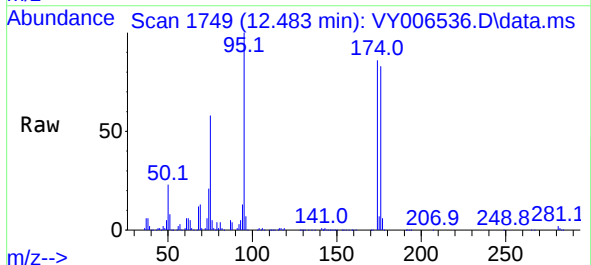
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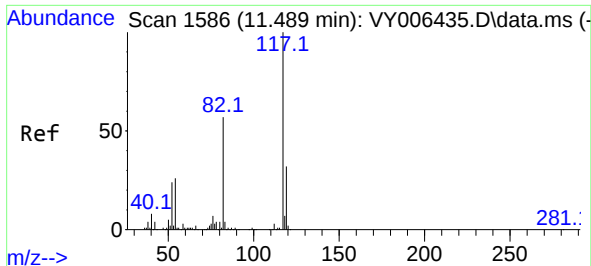
Tgt Ion: 98 Resp: 263485
Ion Ratio Lower Upper
98 100
100 63.0 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 51.343 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY006536.D
Acq: 29 Oct 2021 13:44

Tgt Ion: 95 Resp: 84063
Ion Ratio Lower Upper
95 100
174 83.4 0.0 177.0
176 81.0 0.0 169.4

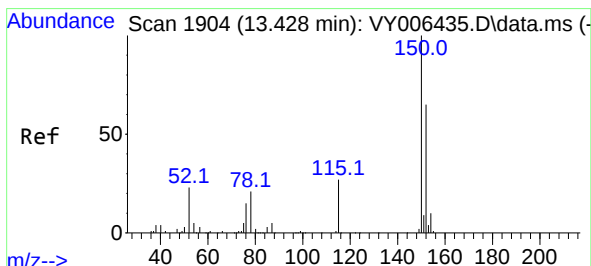
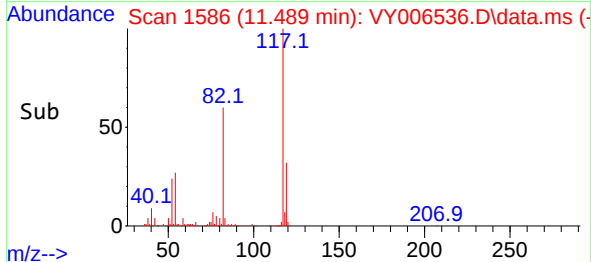
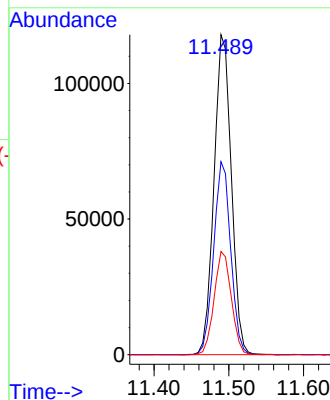
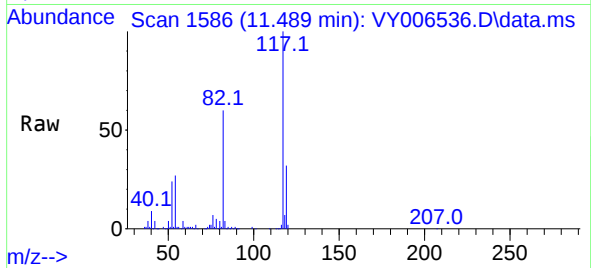




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY006536.D
Acq: 29 Oct 2021 13:44

Instrument :
MSVOA_Y
ClientSampleId :
280243

Tgt Ion:117 Resp: 190501
Ion Ratio Lower Upper
117 100
82 60.3 45.7 68.5
119 32.2 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY006536.D
Acq: 29 Oct 2021 13:44

Tgt Ion:152 Resp: 80116
Ion Ratio Lower Upper
152 100
115 56.7 28.5 85.5
150 156.3 0.0 348.2

