

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051822\
 Data File : VY008812.D
 Acq On : 18 May 2022 14:33
 Operator : KP/MD
 Sample : N2869-04
 Misc : 5.44g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P027-SS003-0006-01

Quant Time: May 19 03:10:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051722S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 18 07:32:50 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	131140	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	233426	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	227217	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	100491	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	82869	68.116	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	136.240%
35) Dibromofluoromethane	7.716	113	76764	56.284	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	112.560%
50) Toluene-d8	10.179	98	291087	48.142	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.280%
62) 4-Bromofluorobenzene	12.483	95	91805	42.962	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	85.920%

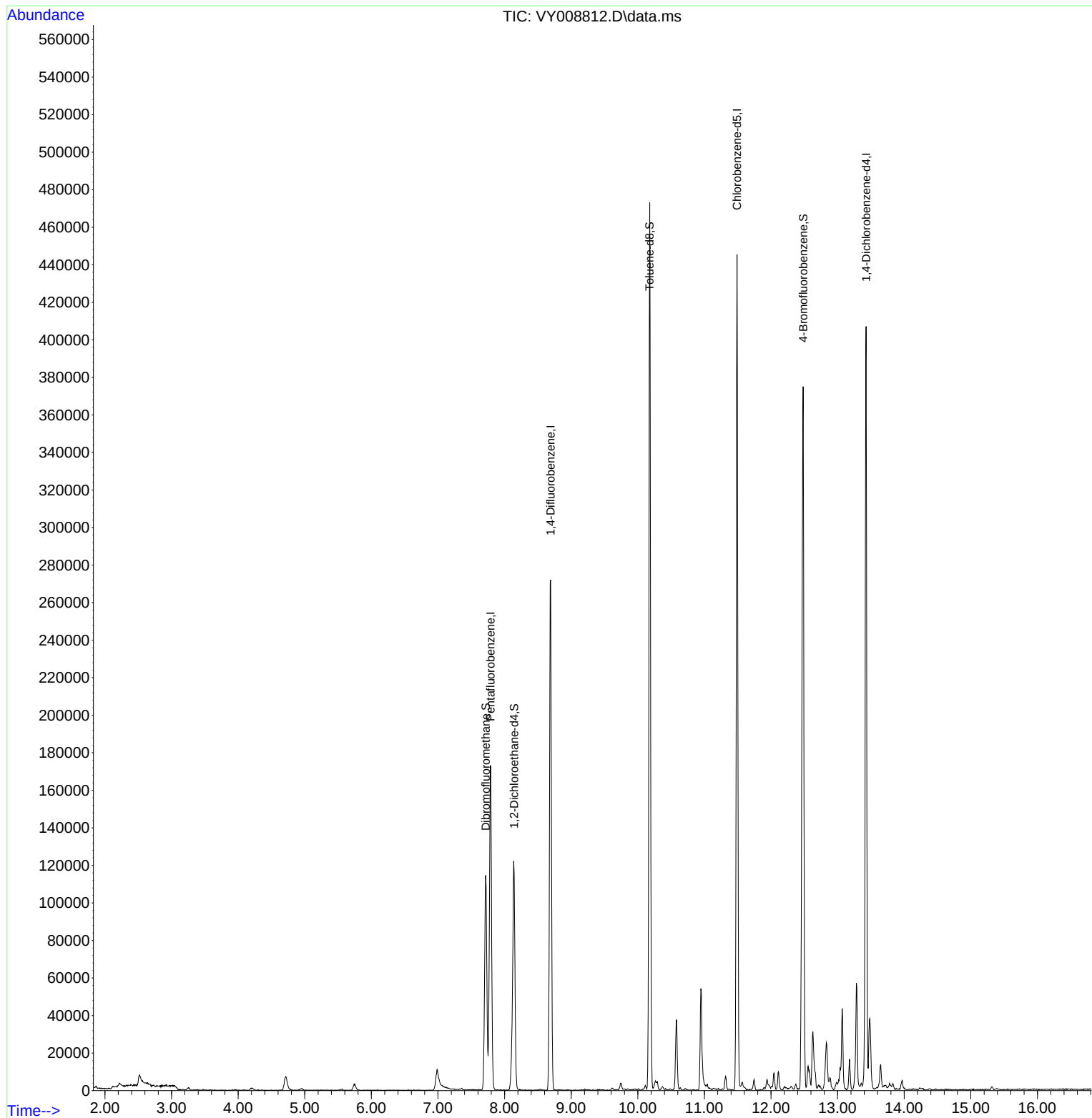
Target Compounds	Qvalue

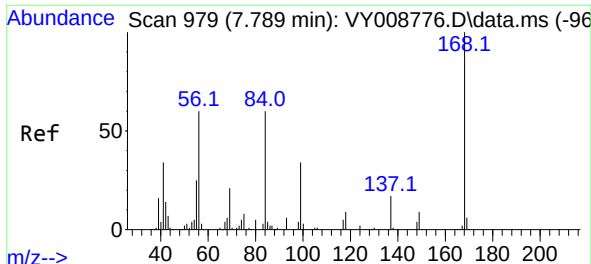
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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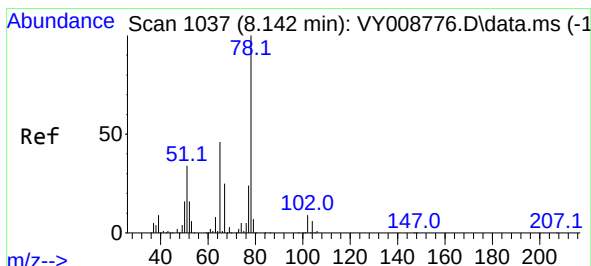
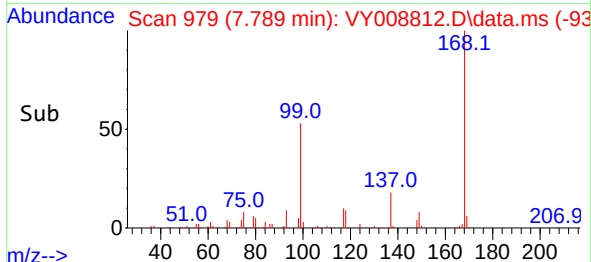
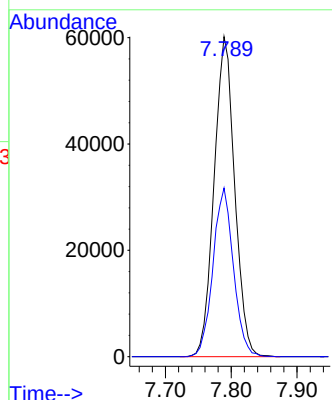
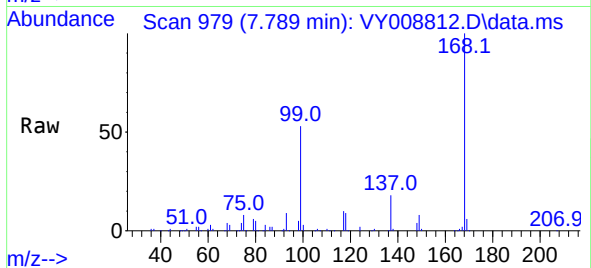




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008812.D
Acq: 18 May 2022 14:33

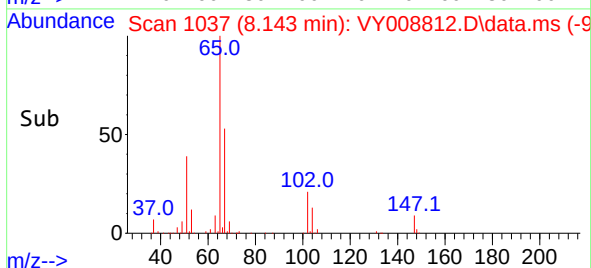
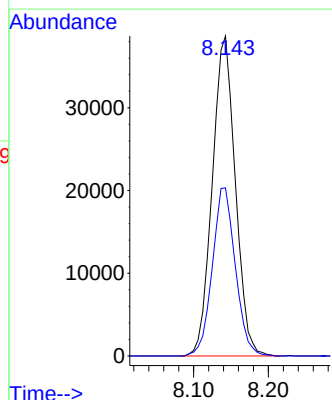
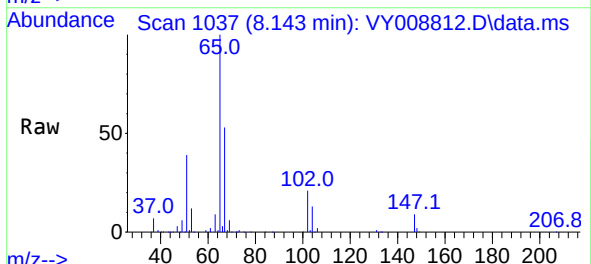
Instrument :
MSVOA_Y
ClientSampleId :
P027-SS003-0006-01

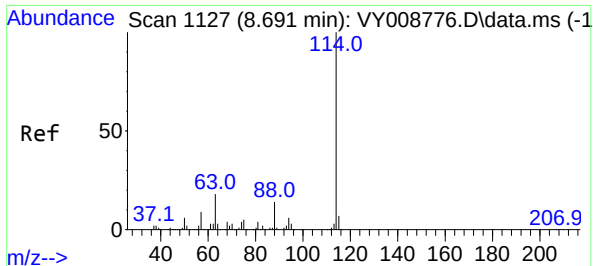
Tgt Ion:168 Resp: 131140
Ion Ratio Lower Upper
168 100
99 52.7 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 68.116 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY008812.D
Acq: 18 May 2022 14:33

Tgt Ion: 65 Resp: 82869
Ion Ratio Lower Upper
65 100
67 52.5 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY008812.D

Acq: 18 May 2022 14:33

Instrument :

MSVOA_Y

ClientSampleId :

P027-SS003-0006-01

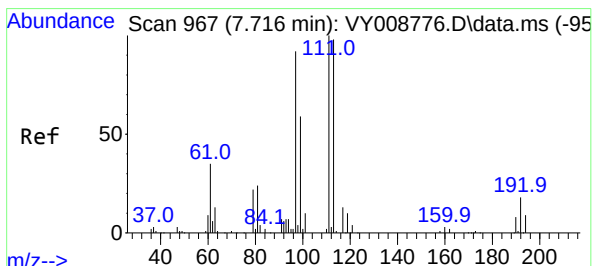
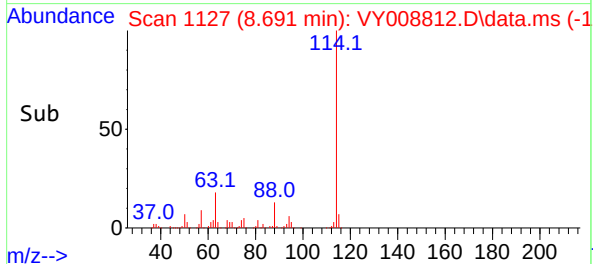
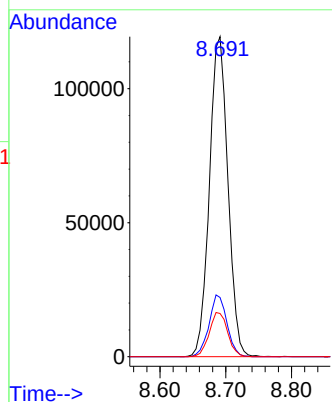
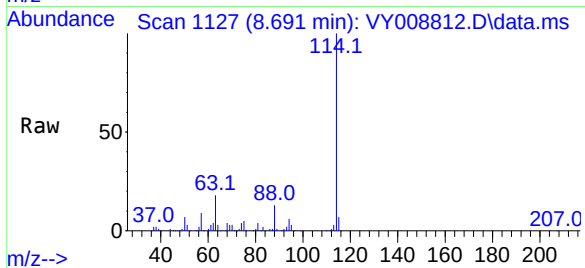
Tgt Ion:114 Resp: 233426

Ion Ratio Lower Upper

114 100

63 18.5 0.0 43.2

88 13.5 0.0 31.8



#35

Dibromofluoromethane

Concen: 56.284 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.000 min

Lab File: VY008812.D

Acq: 18 May 2022 14:33

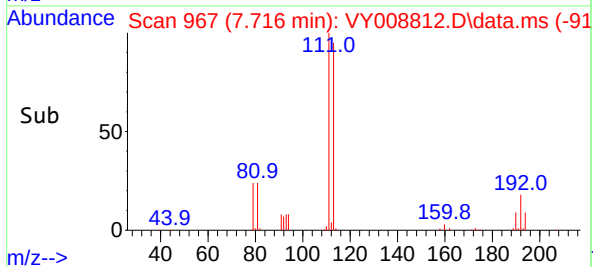
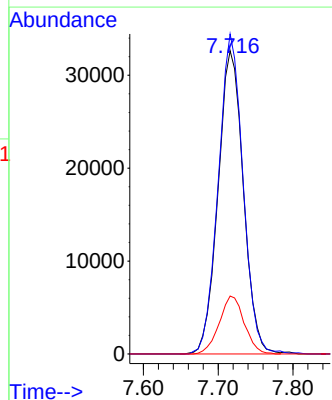
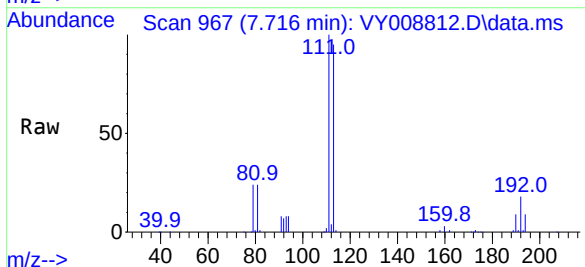
Tgt Ion:113 Resp: 76764

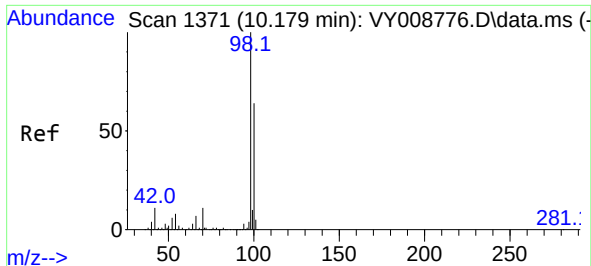
Ion Ratio Lower Upper

113 100

111 103.3 82.6 124.0

192 18.9 17.6 26.4

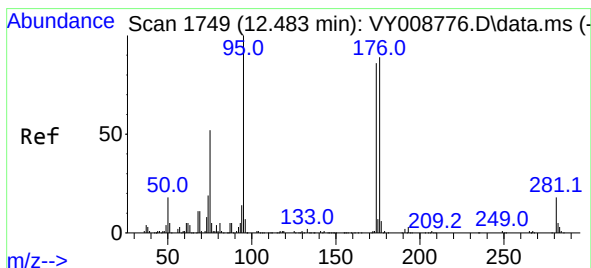
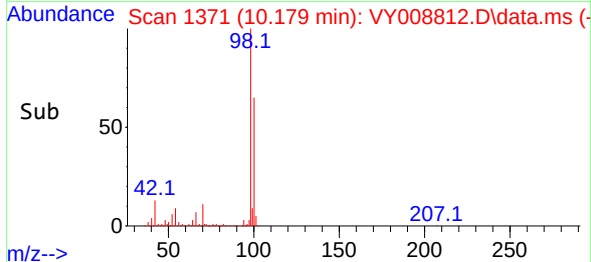
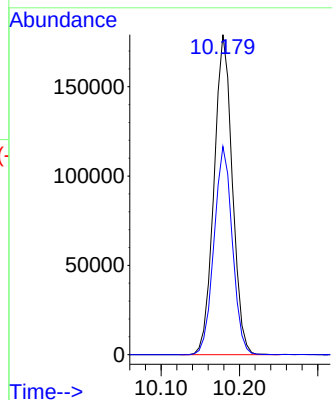
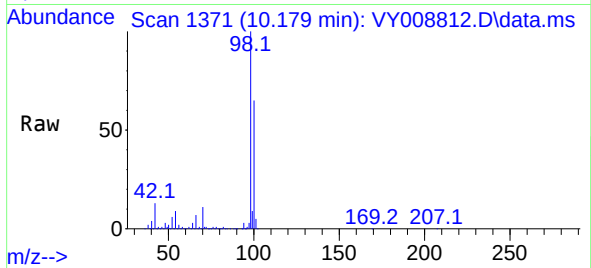




#50
Toluene-d8
Concen: 48.142 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008812.D
Acq: 18 May 2022 14:33

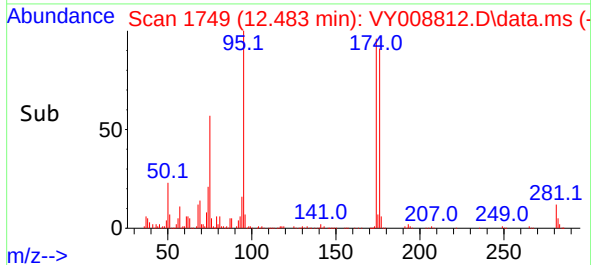
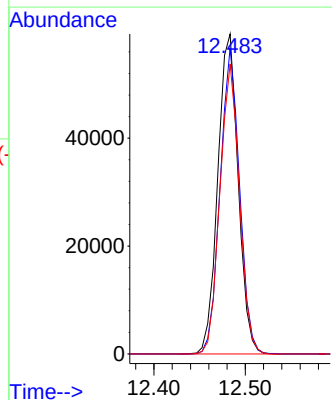
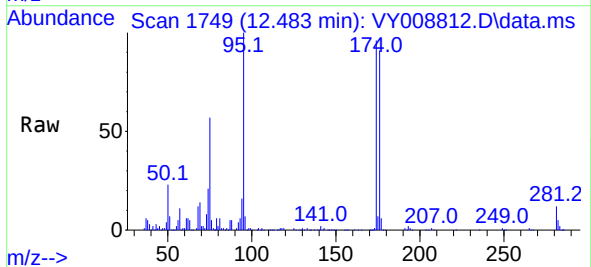
Instrument :
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P027-SS003-0006-01

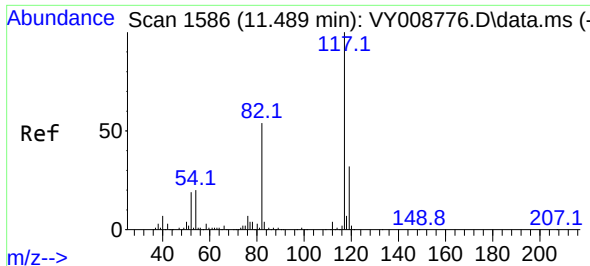
Tgt Ion: 98 Resp: 291087
Ion Ratio Lower Upper
98 100
100 65.0 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 42.962 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008812.D
Acq: 18 May 2022 14:33

Tgt Ion: 95 Resp: 91805
Ion Ratio Lower Upper
95 100
174 91.1 0.0 177.0
176 86.8 0.0 175.8

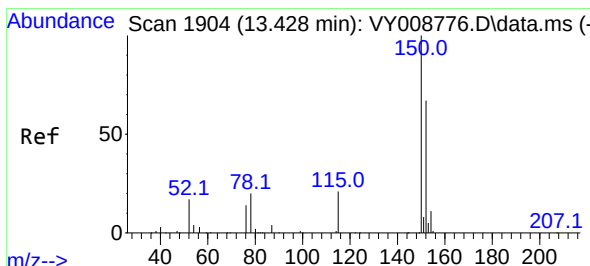
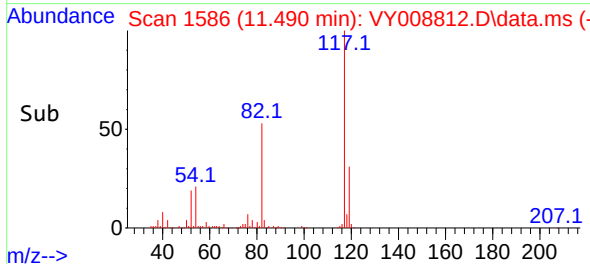
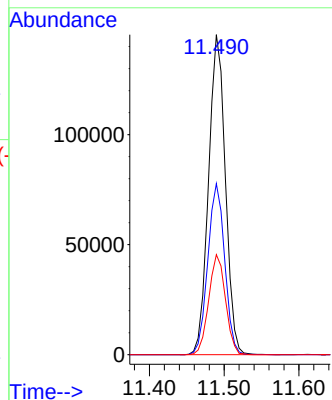
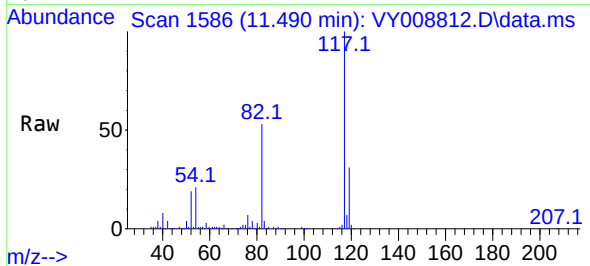




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008812.D
Acq: 18 May 2022 14:33

Instrument :
MSVOA_Y
ClientSampleId :
P027-SS003-0006-01

Tgt Ion:117 Resp: 227217
Ion Ratio Lower Upper
117 100
82 53.5 43.0 64.4
119 31.3 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: VY008812.D
Acq: 18 May 2022 14:33

Tgt Ion:152 Resp: 100491
Ion Ratio Lower Upper
152 100
115 55.4 28.2 84.7
150 157.2 0.0 347.6

