

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111821\
 Data File : VY006808.D
 Acq On : 18 Nov 2021 15:08
 Operator : SY/MD
 Sample : M4707-29
 Misc : 4.15G/5ML/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 3-COMP

Quant Time: Nov 19 05:34:17 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111521S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 16 04:20:03 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	115766	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	200008	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	178991	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	66284	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	86138	56.772	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.540%
35) Dibromofluoromethane	7.728	113	63943	52.048	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.100%
50) Toluene-d8	10.179	98	252928	49.752	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.500%
62) 4-Bromofluorobenzene	12.483	95	73833	43.080	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	86.160%

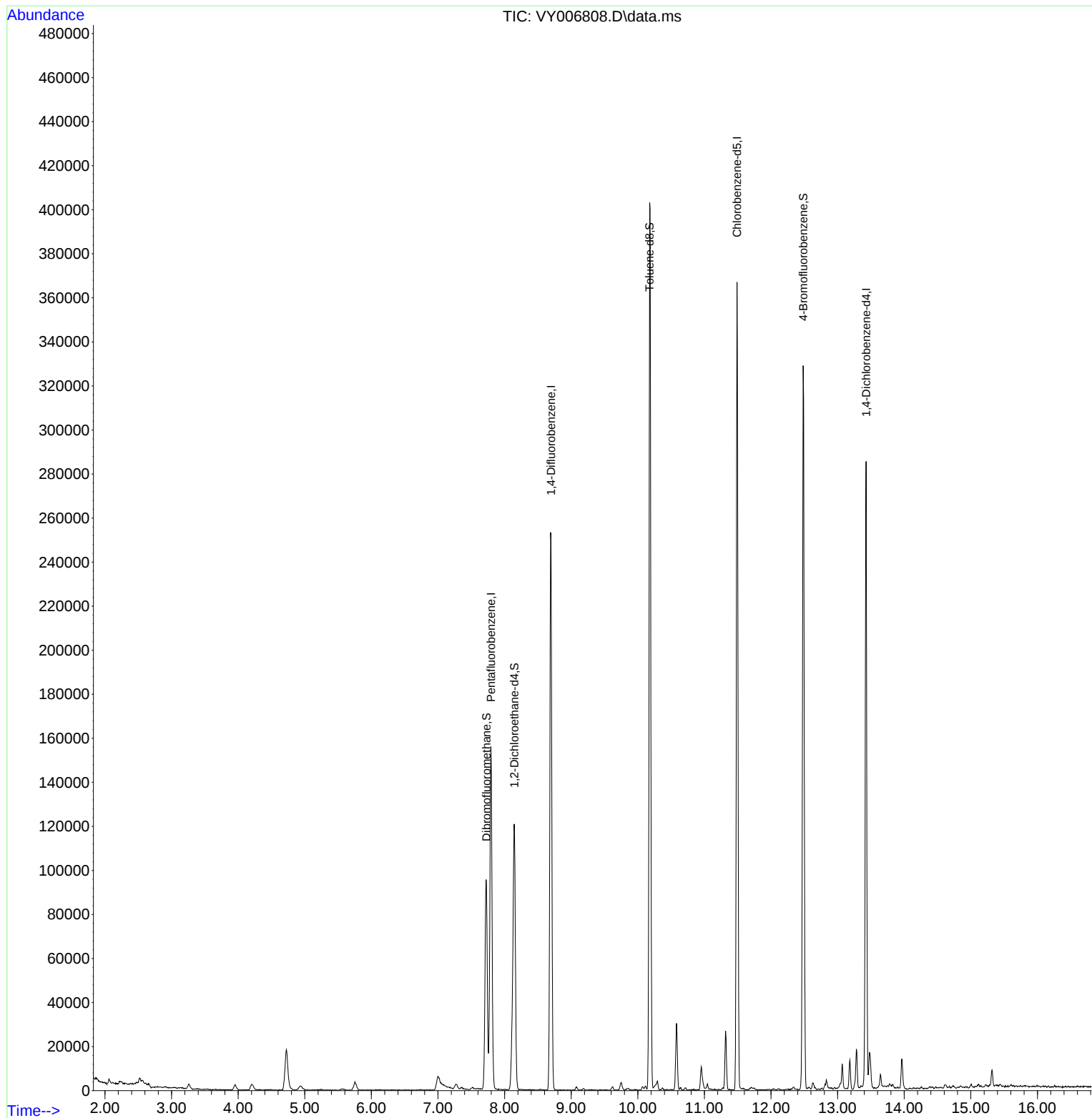
Target Compounds	Qvalue

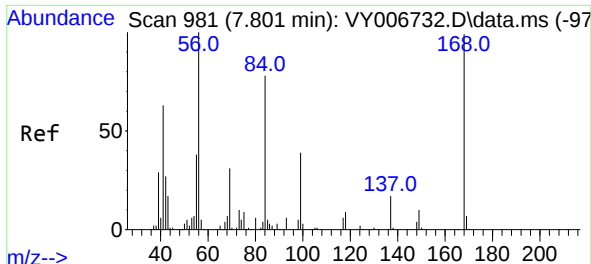
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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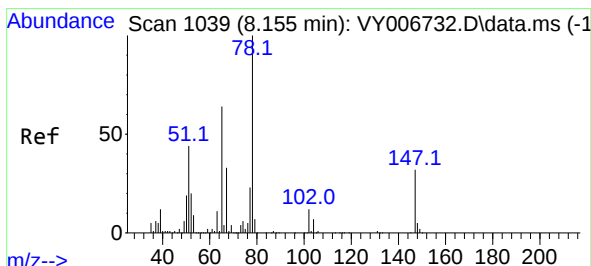
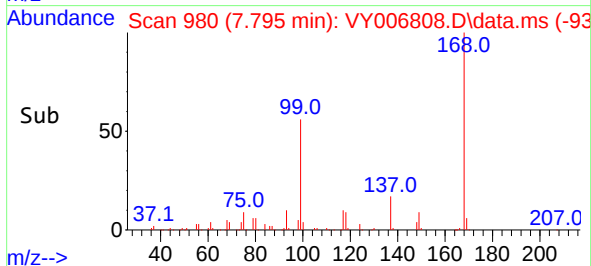
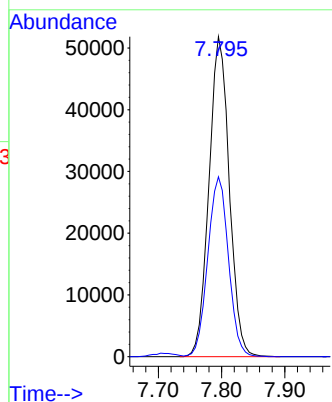
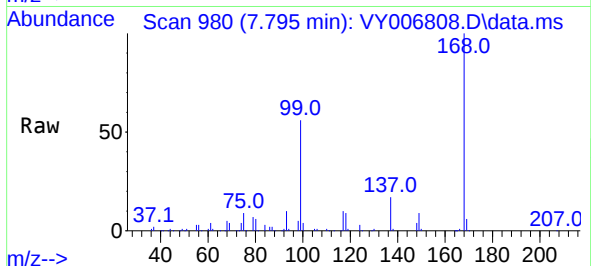




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY006808.D
Acq: 18 Nov 2021 15:08

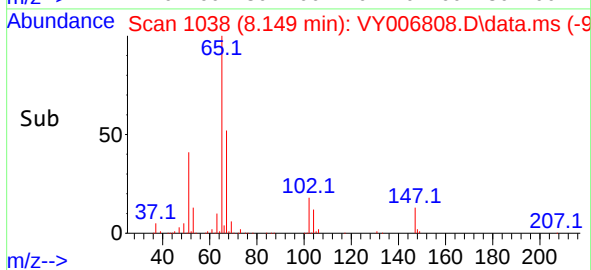
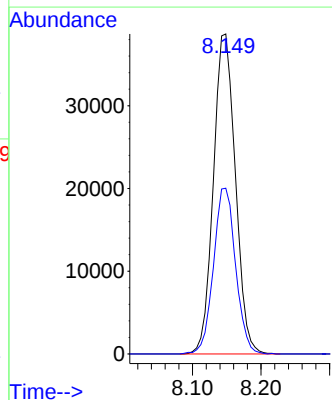
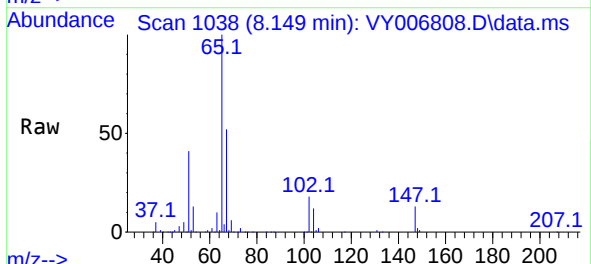
Instrument :
MSVOA_Y
ClientSampleId :
3-COMP

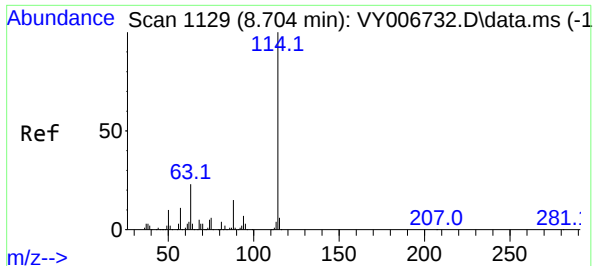
Tgt Ion:168 Resp: 115766
Ion Ratio Lower Upper
168 100
99 56.2 44.8 67.2



#33
1,2-Dichloroethane-d4
Concen: 56.772 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY006808.D
Acq: 18 Nov 2021 15:08

Tgt Ion: 65 Resp: 86138
Ion Ratio Lower Upper
65 100
67 52.1 0.0 98.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VY006808.D

Acq: 18 Nov 2021 15:08

Instrument :

MSVOA_Y

ClientSampleId :

3-COMP

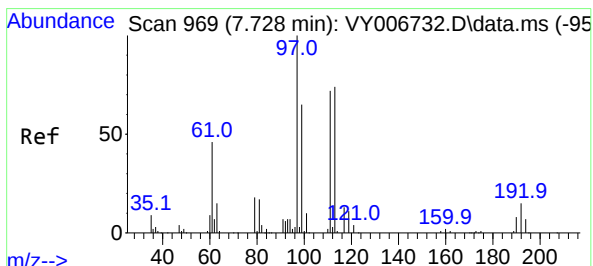
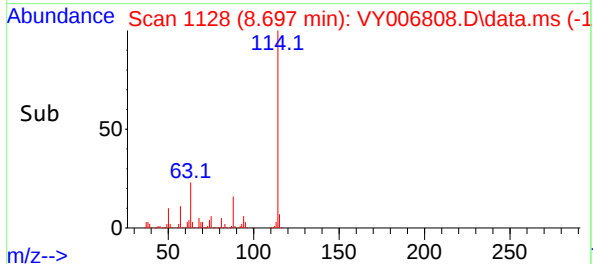
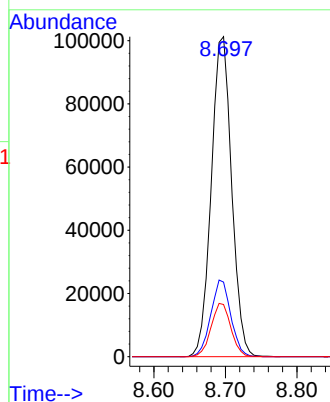
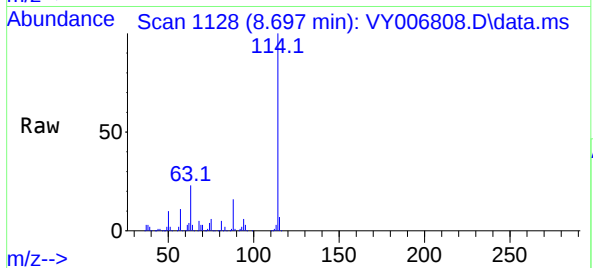
Tgt Ion:114 Resp: 200008

Ion Ratio Lower Upper

114 100

63 23.3 0.0 45.0

88 16.3 0.0 30.6



#35

Dibromofluoromethane

Concen: 52.048 ug/l

RT: 7.728 min Scan# 969

Delta R.T. -0.000 min

Lab File: VY006808.D

Acq: 18 Nov 2021 15:08

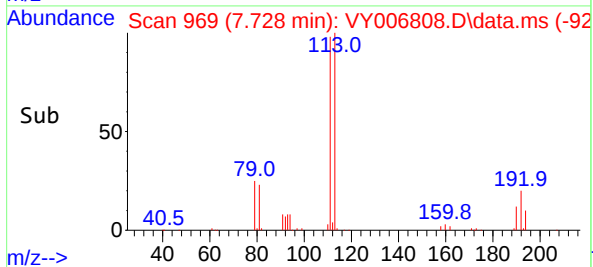
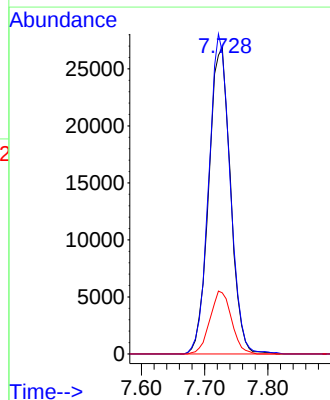
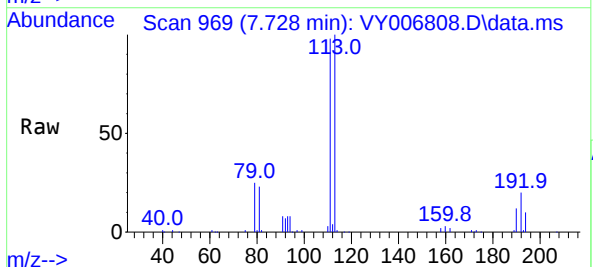
Tgt Ion:113 Resp: 63943

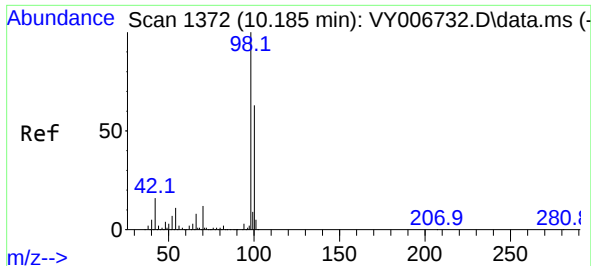
Ion Ratio Lower Upper

113 100

111 102.5 82.3 123.5

192 20.4 17.4 26.2

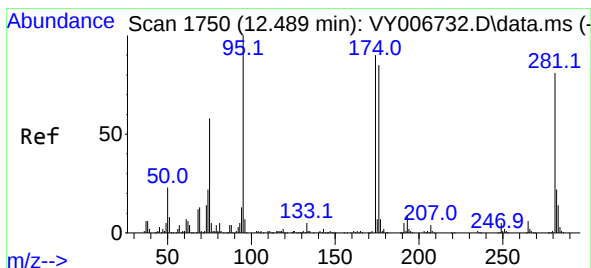
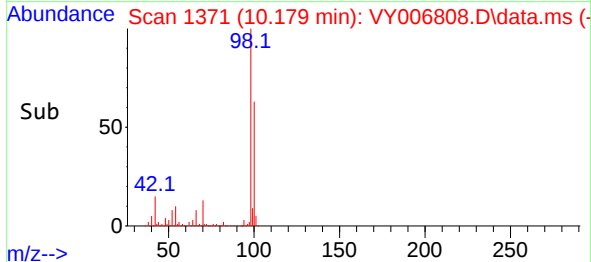
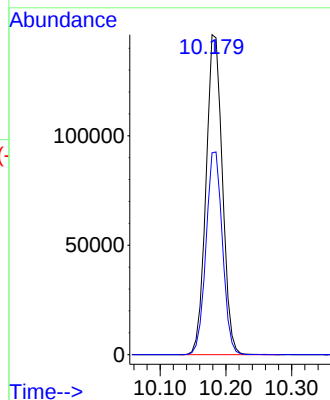
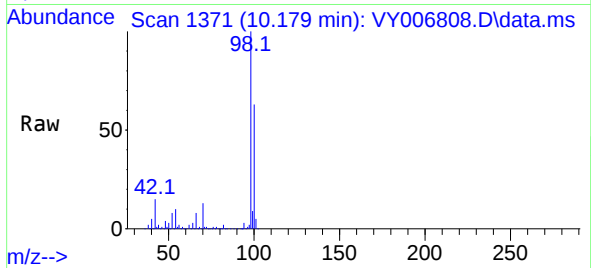




#50
Toluene-d8
Concen: 49.752 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY006808.D
Acq: 18 Nov 2021 15:08

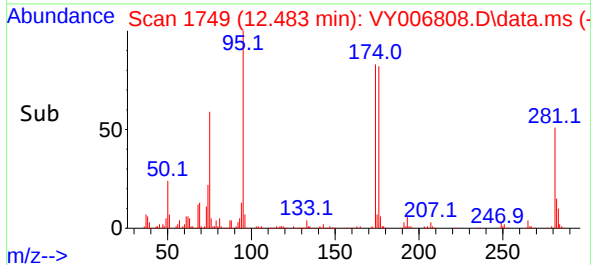
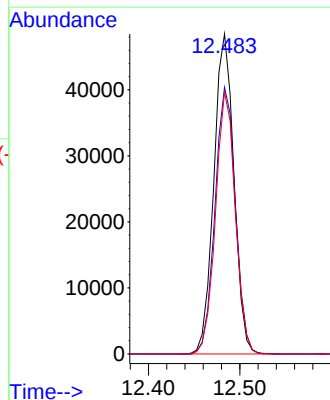
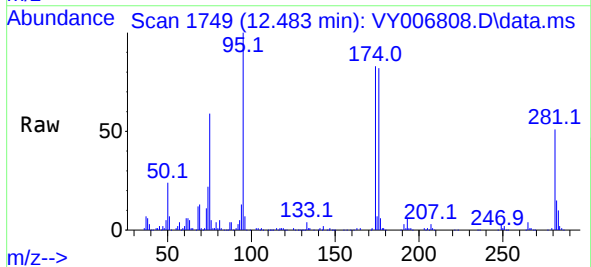
Instrument :
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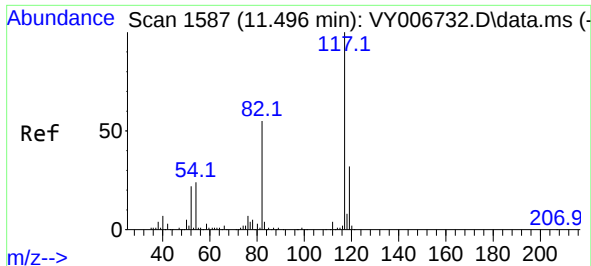
Tgt Ion: 98 Resp: 252928
Ion Ratio Lower Upper
98 100
100 63.6 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 43.080 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VY006808.D
Acq: 18 Nov 2021 15:08

Tgt Ion: 95 Resp: 73833
Ion Ratio Lower Upper
95 100
174 85.0 0.0 177.0
176 80.5 0.0 169.4

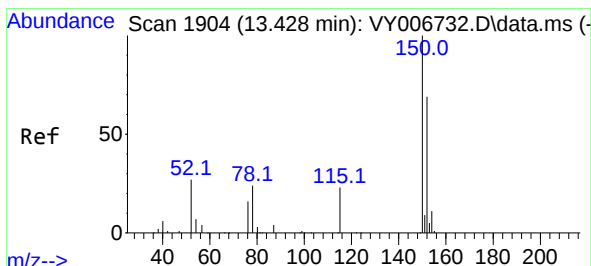
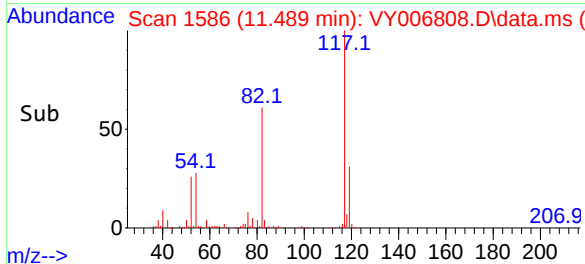
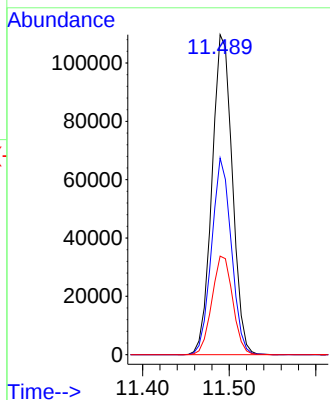
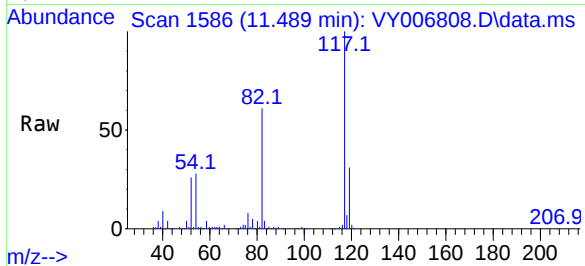




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY006808.D
Acq: 18 Nov 2021 15:08

Instrument :
MSVOA_Y
ClientSampleId :
3-COMP

Tgt Ion:117 Resp: 178991
Ion Ratio Lower Upper
117 100
82 61.5 45.7 68.5
119 30.8 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: VY006808.D
Acq: 18 Nov 2021 15:08

Tgt Ion:152 Resp: 66284
Ion Ratio Lower Upper
152 100
115 57.3 28.5 85.5
150 153.6 0.0 348.2

