

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111621\
 Data File : VY006750.D
 Acq On : 16 Nov 2021 10:38
 Operator : SY/MD
 Sample : VY1116SBL01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1116SBL01

Quant Time: Nov 17 04:12:00 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	7.801	168	99156	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	166796	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	158097	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	65818	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	79161	60.914	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	121.820%
35) Dibromofluoromethane	7.728	113	52896	51.630	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.260%
50) Toluene-d8	10.185	98	210209	49.582	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.160%
62) 4-Bromofluorobenzene	12.489	95	68001	47.577	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	95.160%

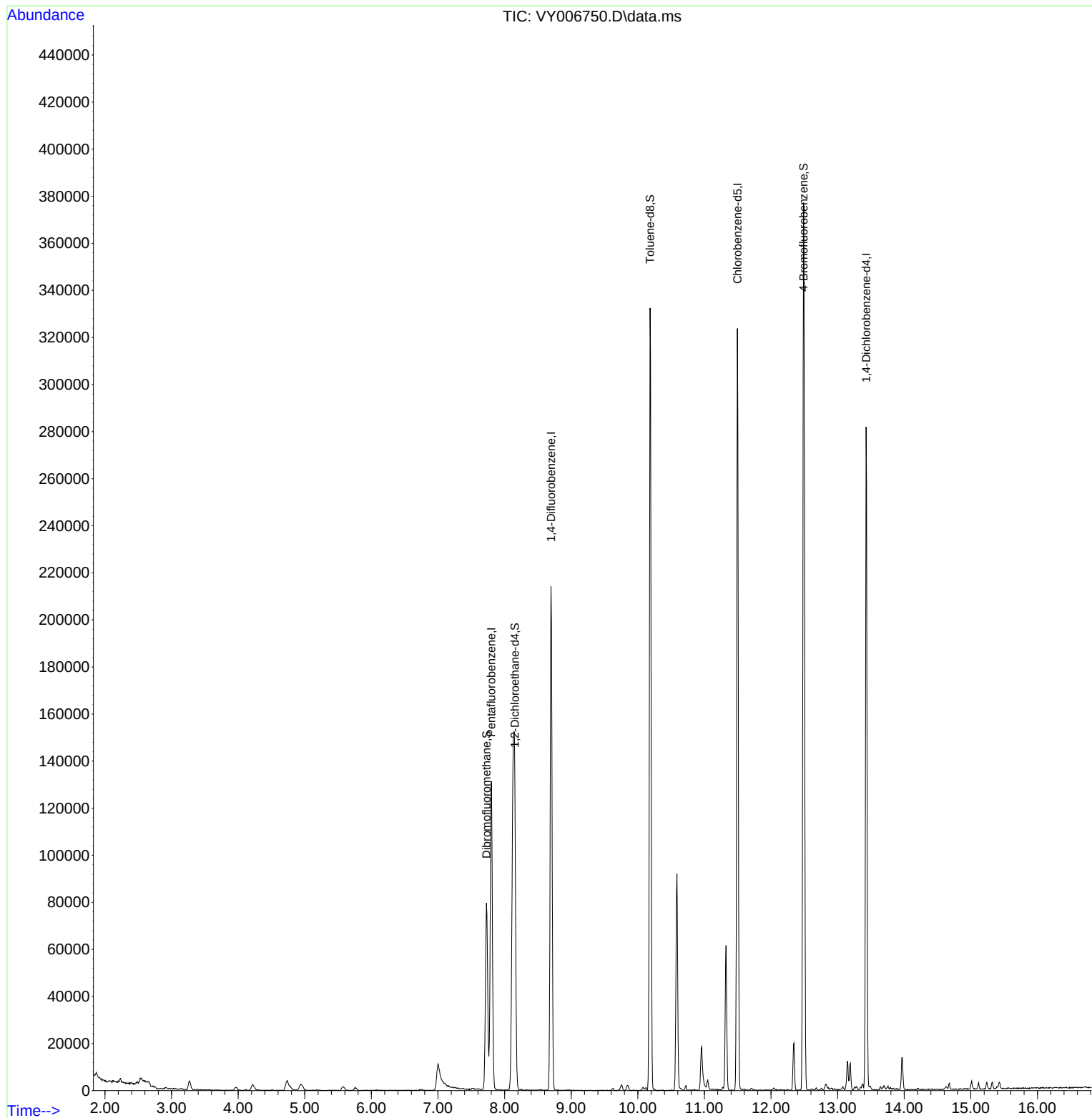
Target Compounds	Qvalue

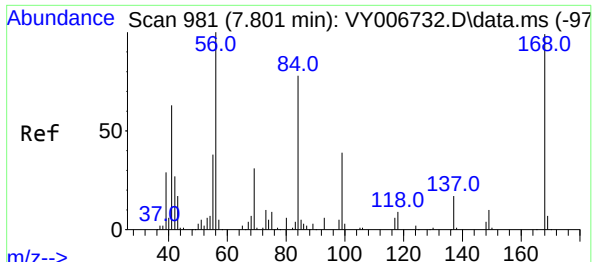
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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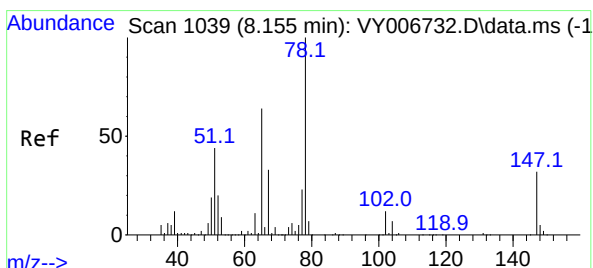
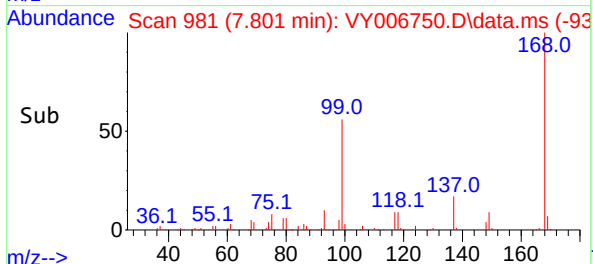
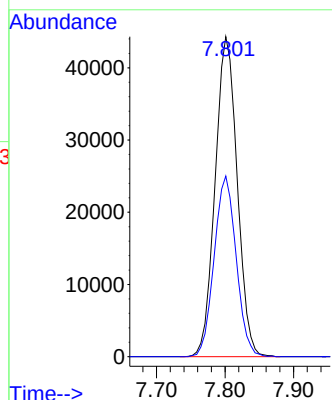
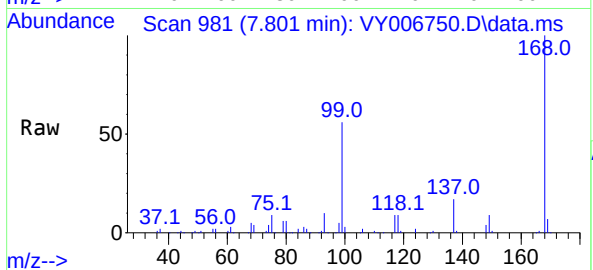




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY006750.D
Acq: 16 Nov 2021 10:38

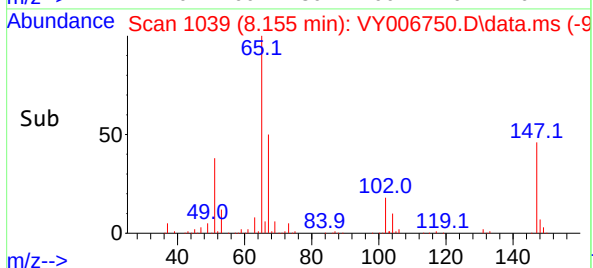
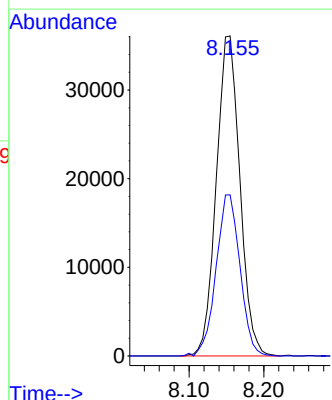
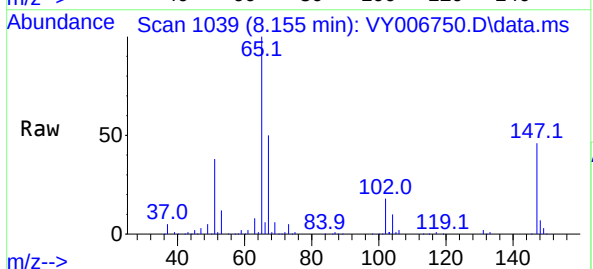
Instrument :
MSVOA_Y
ClientSampleId :
VY1116SBL01

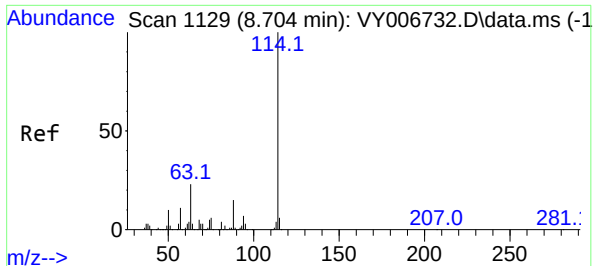
Tgt Ion:168 Resp: 99156
Ion Ratio Lower Upper
168 100
99 56.5 44.8 67.2



#33
1,2-Dichloroethane-d4
Concen: 60.914 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY006750.D
Acq: 16 Nov 2021 10:38

Tgt Ion: 65 Resp: 79161
Ion Ratio Lower Upper
65 100
67 51.1 0.0 98.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VY006750.D

Acq: 16 Nov 2021 10:38

Instrument :

MSVOA_Y

ClientSampleId :

VY1116SBL01

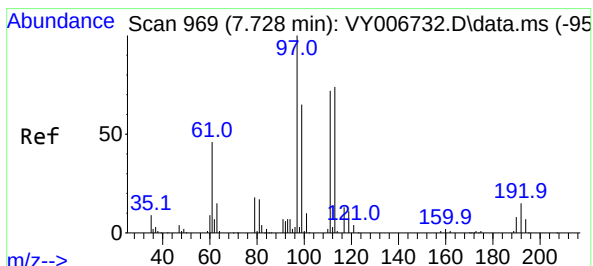
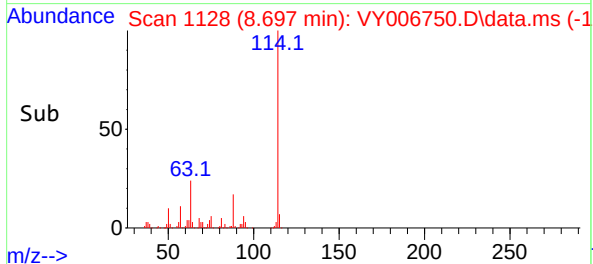
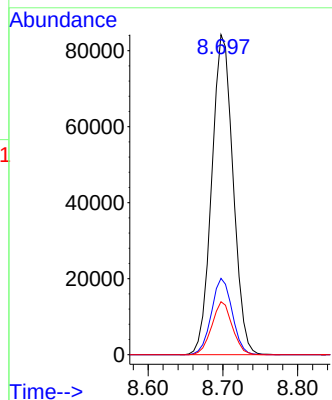
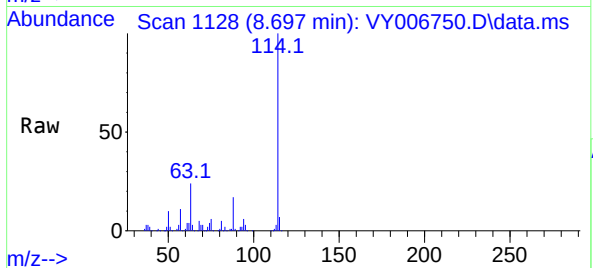
Tgt Ion:114 Resp: 166796

Ion Ratio Lower Upper

114 100

63 23.9 0.0 45.0

88 16.6 0.0 30.6



#35

Dibromofluoromethane

Concen: 51.630 ug/l

RT: 7.728 min Scan# 969

Delta R.T. -0.000 min

Lab File: VY006750.D

Acq: 16 Nov 2021 10:38

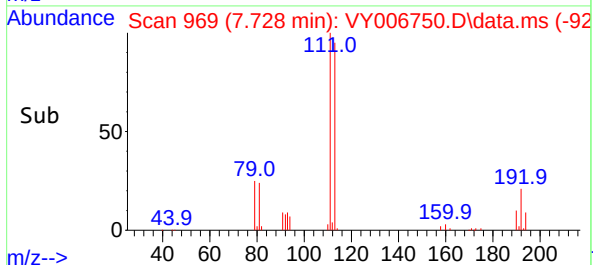
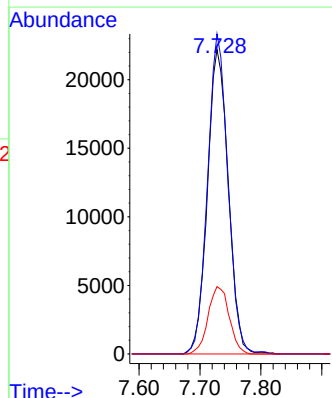
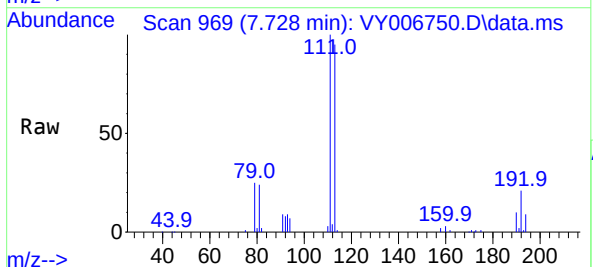
Tgt Ion:113 Resp: 52896

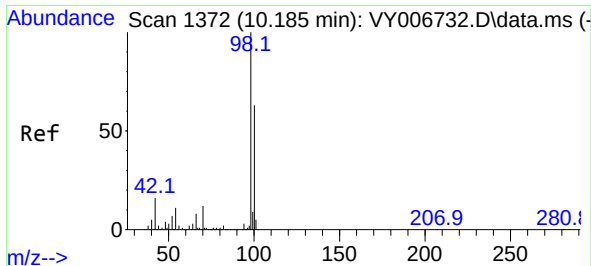
Ion Ratio Lower Upper

113 100

111 102.4 82.3 123.5

192 22.4 17.4 26.2

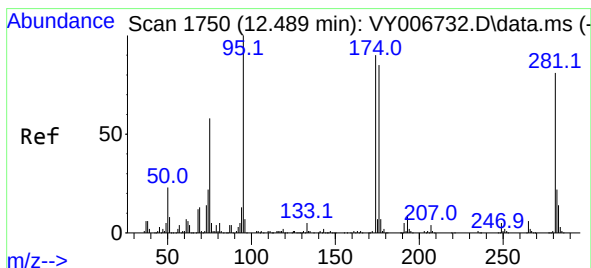
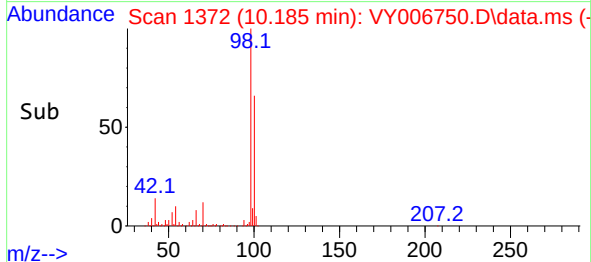
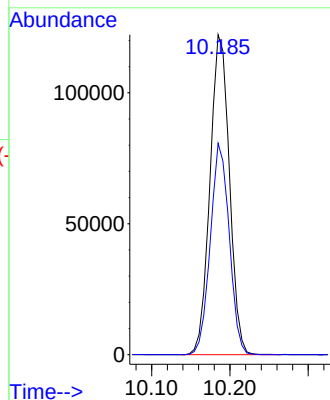
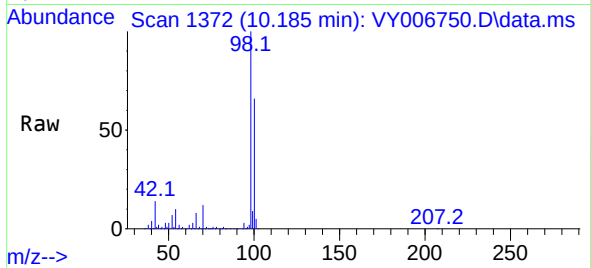




#50
Toluene-d8
Concen: 49.582 ug/l
RT: 10.185 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY006750.D
Acq: 16 Nov 2021 10:38

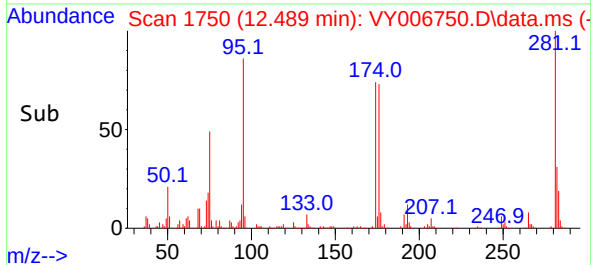
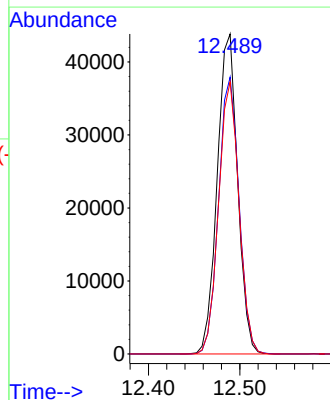
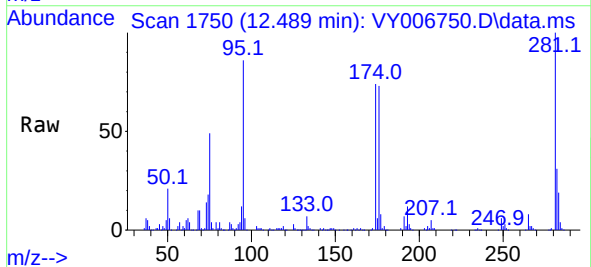
Instrument :
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VY1116SBL01

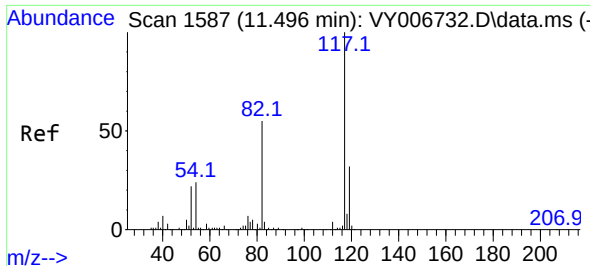
Tgt Ion: 98 Resp: 210209
Ion Ratio Lower Upper
98 100
100 64.3 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 47.577 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VY006750.D
Acq: 16 Nov 2021 10:38

Tgt Ion: 95 Resp: 68001
Ion Ratio Lower Upper
95 100
174 86.6 0.0 177.0
176 85.1 0.0 169.4

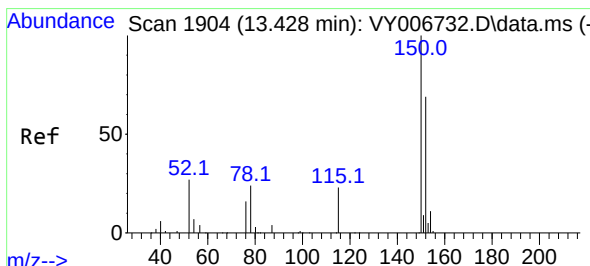
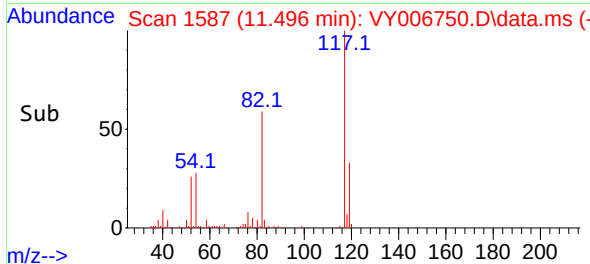
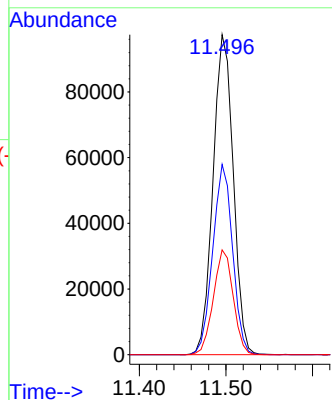
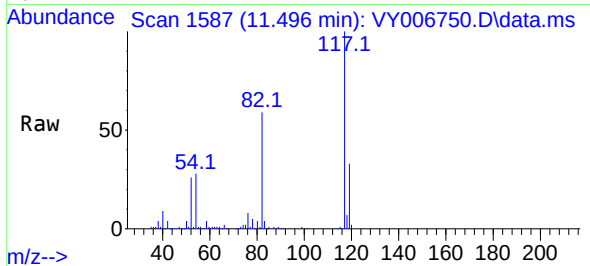




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY006750.D
Acq: 16 Nov 2021 10:38

Instrument :
MSVOA_Y
ClientSampleId :
VY1116SBL01

Tgt Ion:117 Resp: 158097
Ion Ratio Lower Upper
117 100
82 59.4 45.7 68.5
119 32.8 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: VY006750.D
Acq: 16 Nov 2021 10:38

Tgt Ion:152 Resp: 65818
Ion Ratio Lower Upper
152 100
115 56.9 28.5 85.5
150 156.5 0.0 348.2

