

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112321\
 Data File : VY006861.D
 Acq On : 23 Nov 2021 10:53
 Operator : SY/MD
 Sample : VY1123SBL01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1123SBL01

Quant Time: Nov 24 02:03:22 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	93930	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	161617	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	157432	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	62014	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	72269	58.704	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	117.400%
35) Dibromofluoromethane	7.734	113	49670	50.035	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.060%
50) Toluene-d8	10.185	98	205245	49.962	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.920%
62) 4-Bromofluorobenzene	12.489	95	64011	46.221	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	92.440%

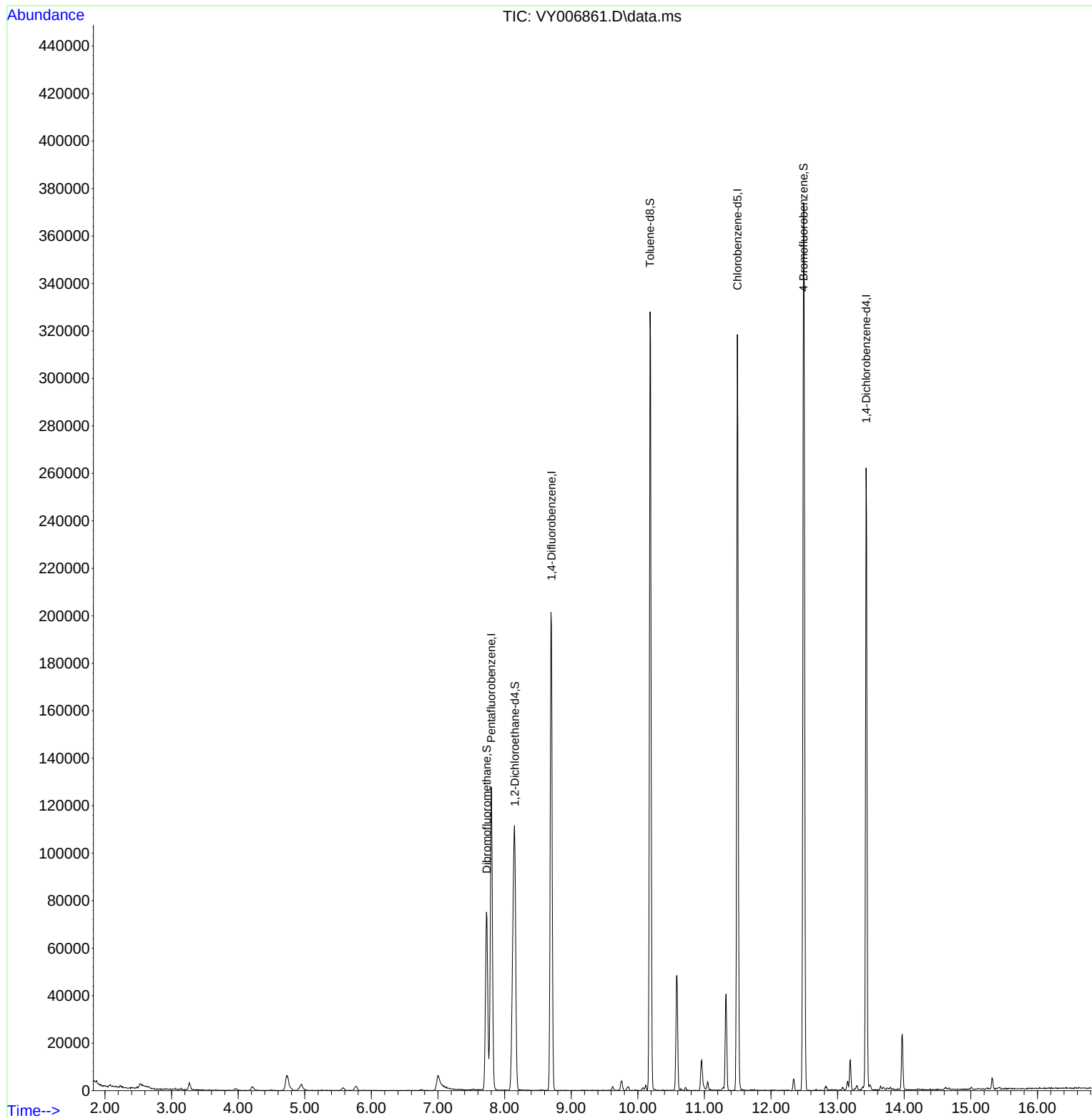
Target Compounds	Qvalue

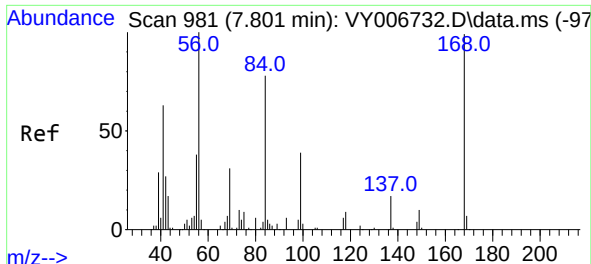
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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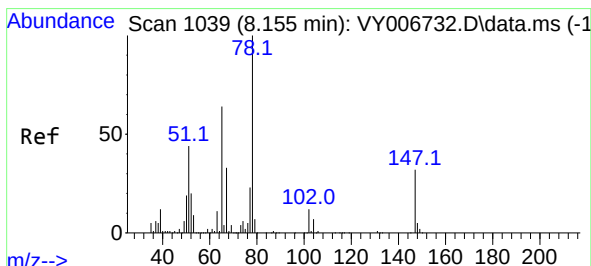
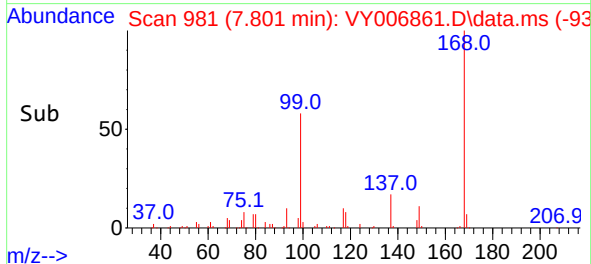
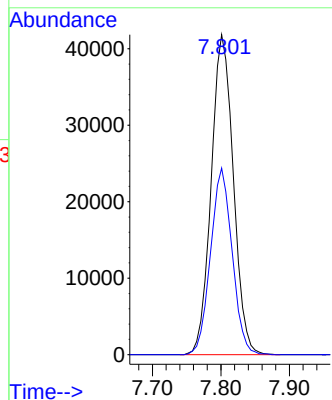
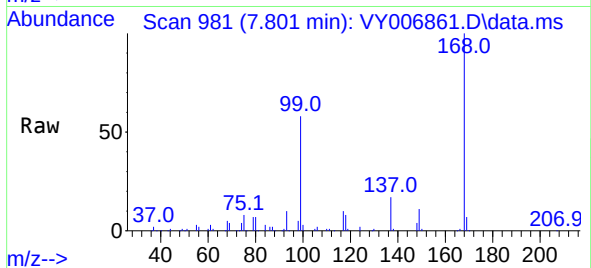




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY006861.D
Acq: 23 Nov 2021 10:53

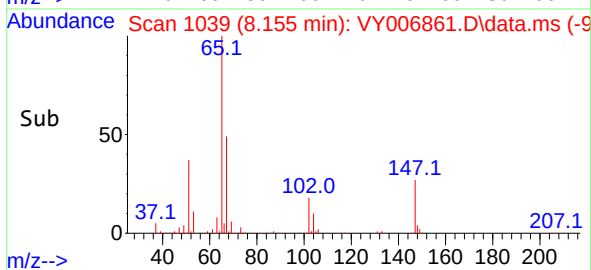
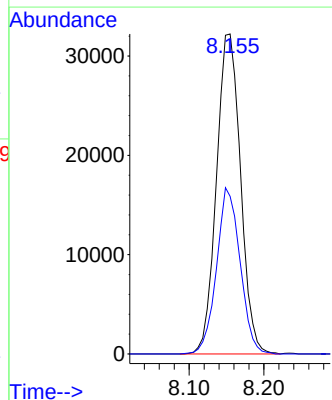
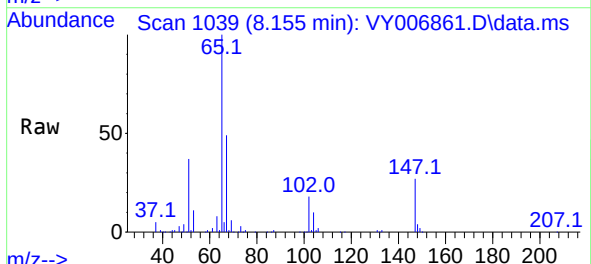
Instrument :
MSVOA_Y
ClientSampleId :
VY1123SBL01

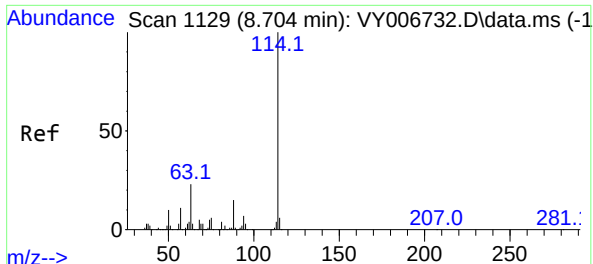
Tgt Ion:168 Resp: 93930
Ion Ratio Lower Upper
168 100
99 58.3 44.8 67.2



#33
1,2-Dichloroethane-d4
Concen: 58.704 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY006861.D
Acq: 23 Nov 2021 10:53

Tgt Ion: 65 Resp: 72269
Ion Ratio Lower Upper
65 100
67 50.8 0.0 98.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VY006861.D

Acq: 23 Nov 2021 10:53

Instrument :

MSVOA_Y

ClientSampleId :

VY1123SBL01

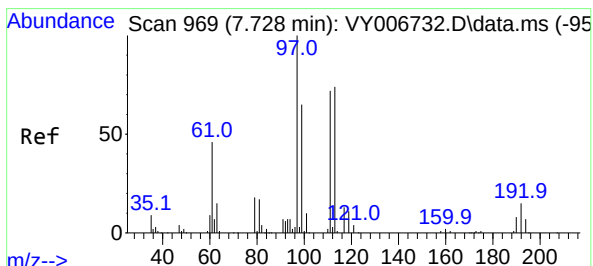
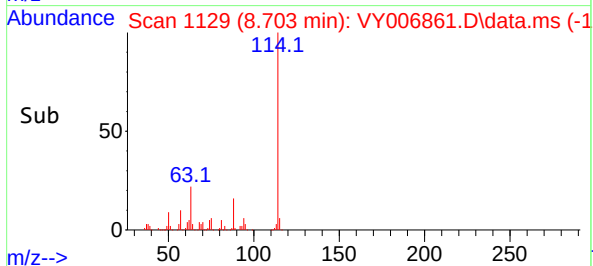
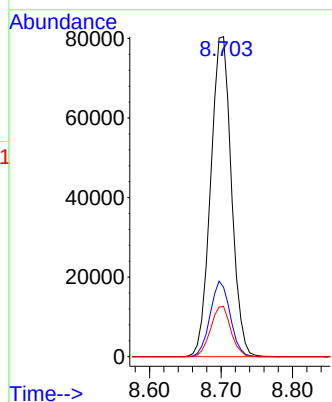
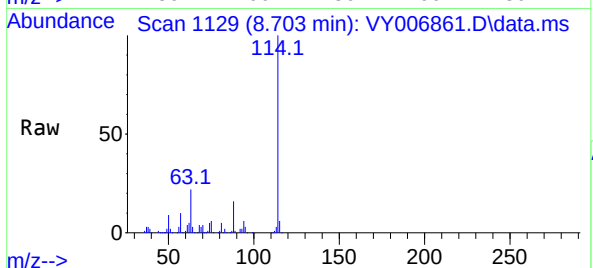
Tgt Ion:114 Resp: 161617

Ion Ratio Lower Upper

114 100

63 21.7 0.0 45.0

88 15.7 0.0 30.6



#35

Dibromofluoromethane

Concen: 50.035 ug/l

RT: 7.734 min Scan# 970

Delta R.T. 0.006 min

Lab File: VY006861.D

Acq: 23 Nov 2021 10:53

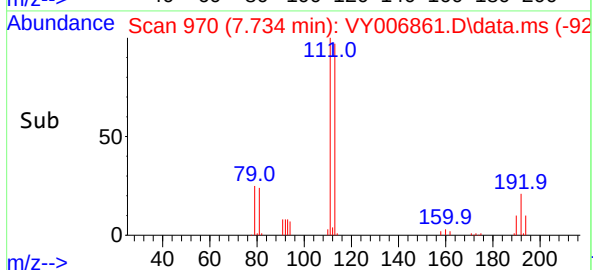
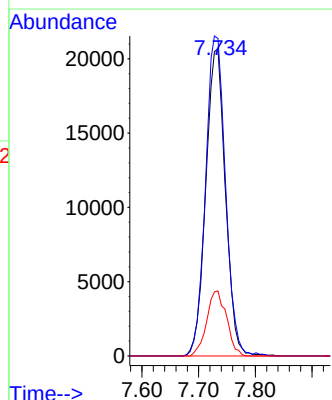
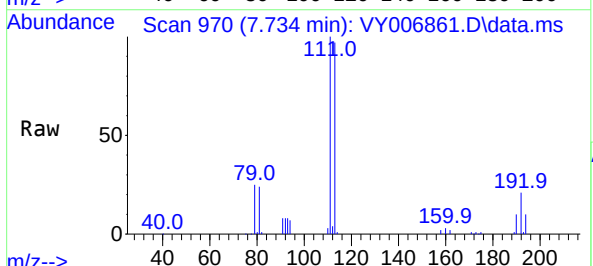
Tgt Ion:113 Resp: 49670

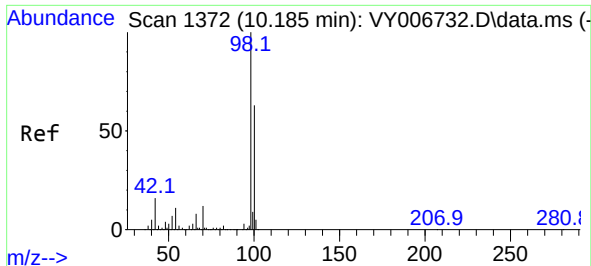
Ion Ratio Lower Upper

113 100

111 105.3 82.3 123.5

192 21.4 17.4 26.2

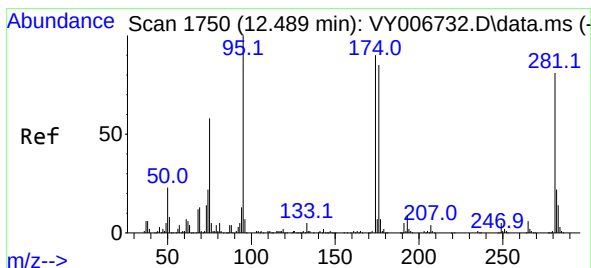
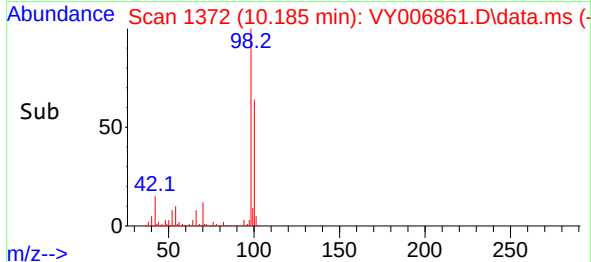
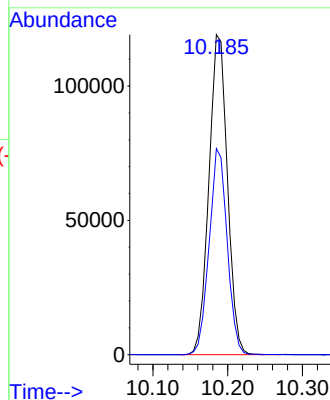
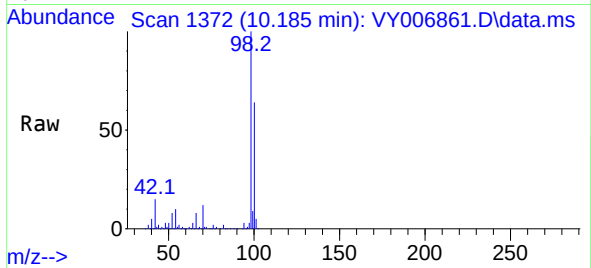




#50
Toluene-d8
Concen: 49.962 ug/l
RT: 10.185 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY006861.D
Acq: 23 Nov 2021 10:53

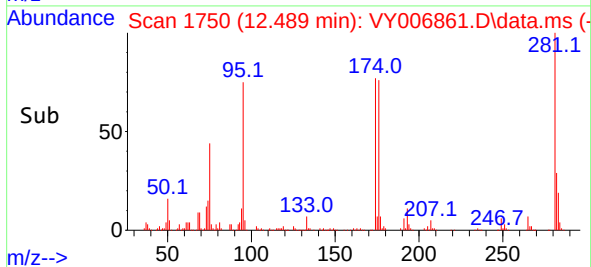
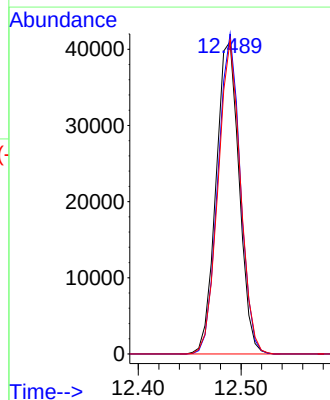
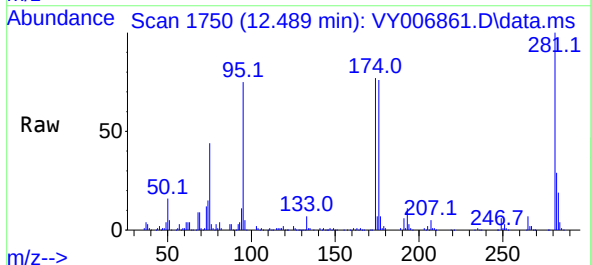
Instrument :
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VY1123SBL01

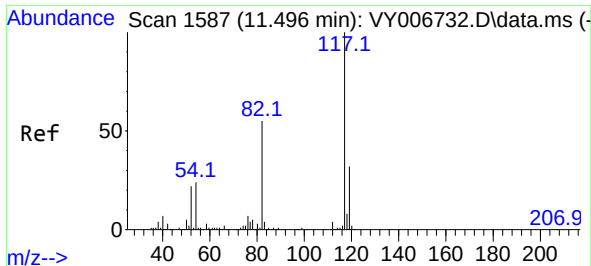
Tgt Ion: 98 Resp: 205245
Ion Ratio Lower Upper
98 100
100 62.7 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 46.221 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VY006861.D
Acq: 23 Nov 2021 10:53

Tgt Ion: 95 Resp: 64011
Ion Ratio Lower Upper
95 100
174 98.6 0.0 177.0
176 96.6 0.0 169.4

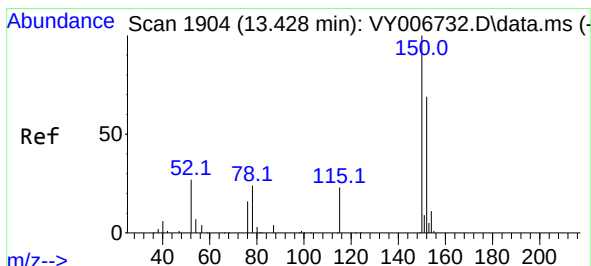
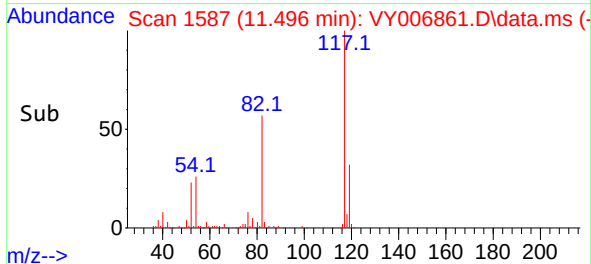
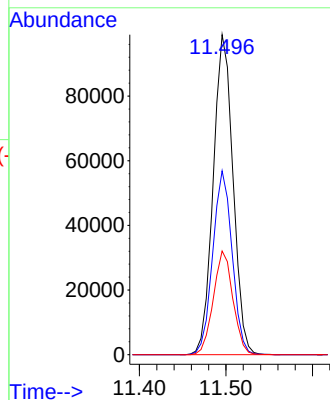
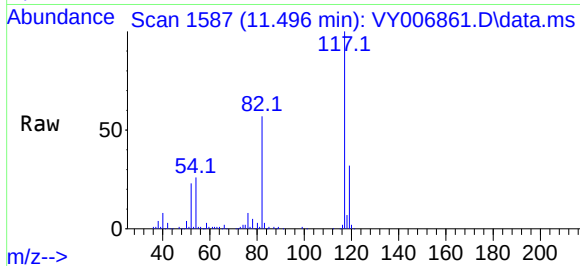




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY006861.D
Acq: 23 Nov 2021 10:53

Instrument :
MSVOA_Y
ClientSampleId :
VY1123SBL01

Tgt Ion:117 Resp: 157432
Ion Ratio Lower Upper
117 100
82 57.5 45.7 68.5
119 32.4 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: VY006861.D
Acq: 23 Nov 2021 10:53

Tgt Ion:152 Resp: 62014
Ion Ratio Lower Upper
152 100
115 56.7 28.5 85.5
150 154.6 0.0 348.2

