

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112321\
 Data File : VY006865.D
 Acq On : 23 Nov 2021 13:06
 Operator : SY/MD
 Sample : M4758-29
 Misc : 5.04G/5ML/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP15

Quant Time: Nov 24 02:04:15 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	91361	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	151859	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	143099	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	51721	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	65557	54.750	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	109.500%
35) Dibromofluoromethane	7.728	113	46811	50.185	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.360%
50) Toluene-d8	10.185	98	194580	50.410	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.820%
62) 4-Bromofluorobenzene	12.483	95	53259	40.928	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	81.860%

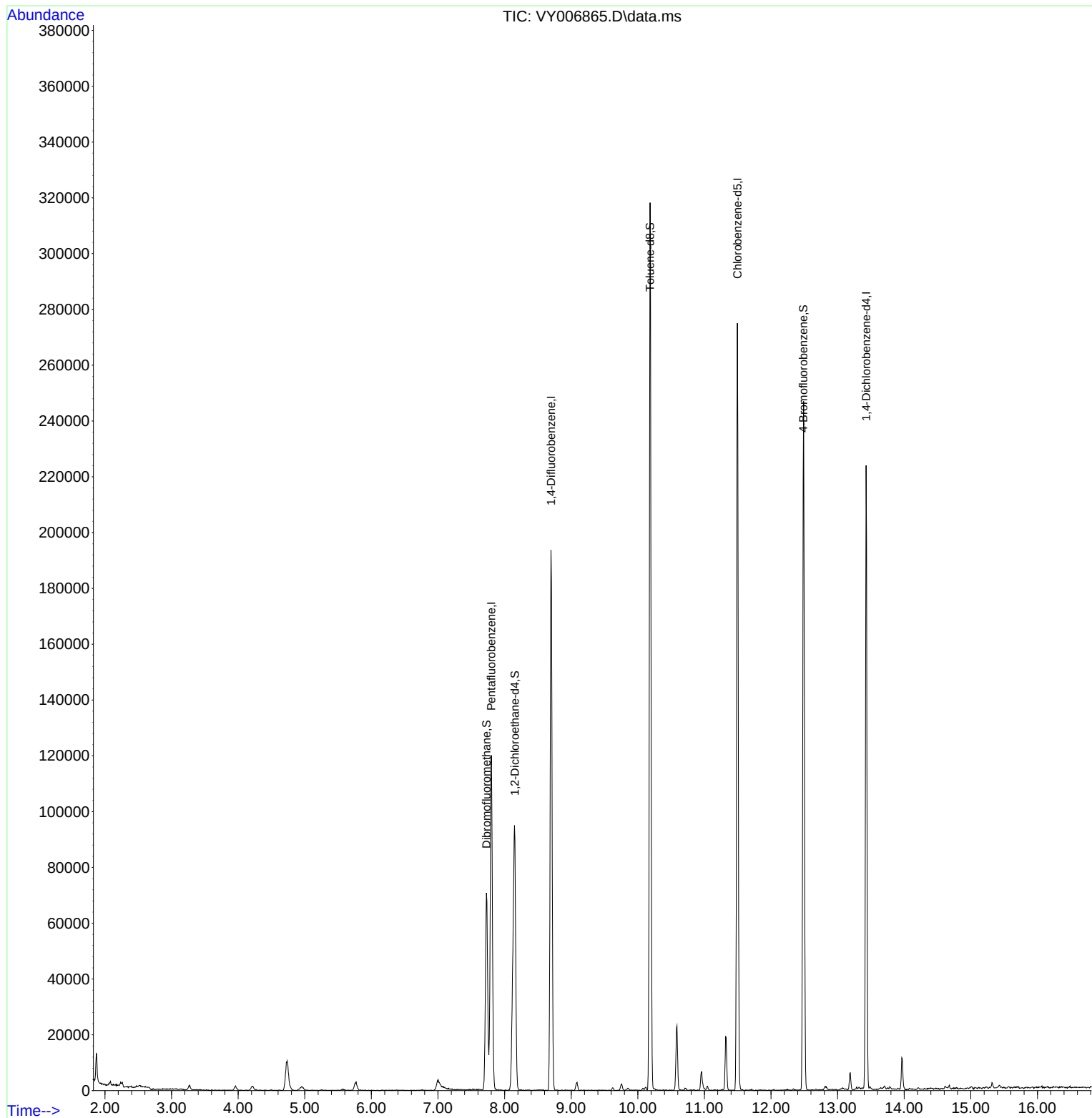
Target Compounds	Qvalue

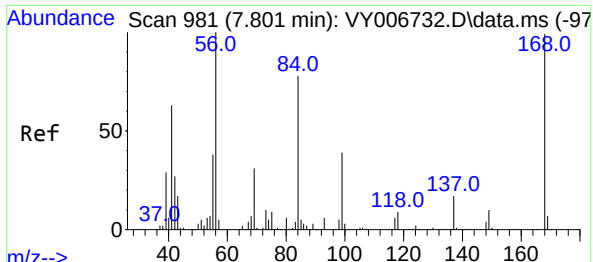
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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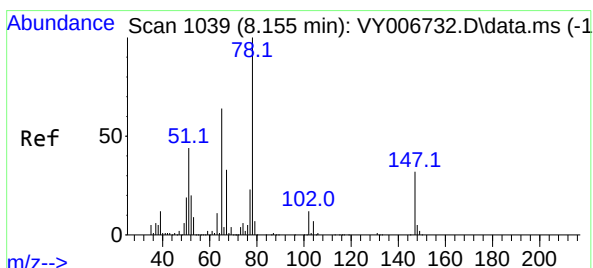
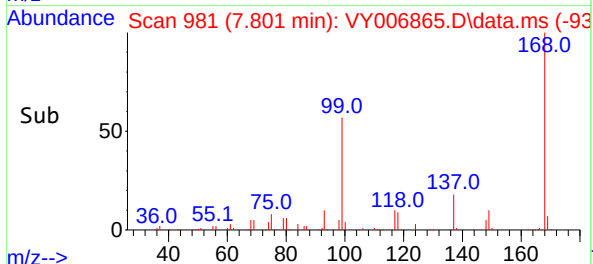
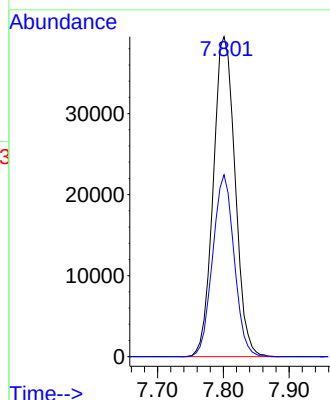
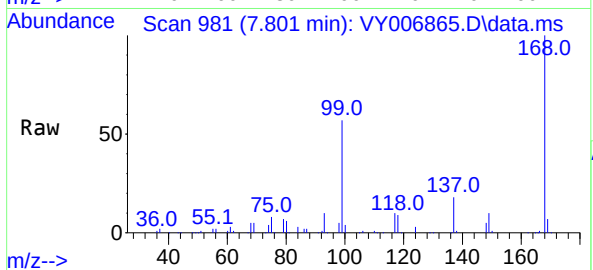




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY006865.D
Acq: 23 Nov 2021 13:06

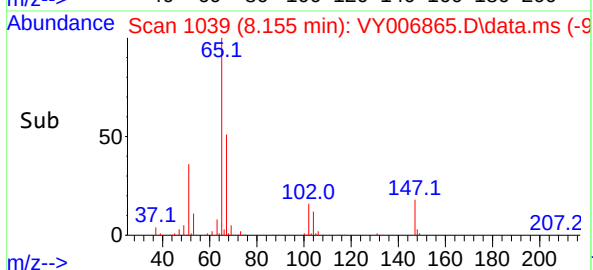
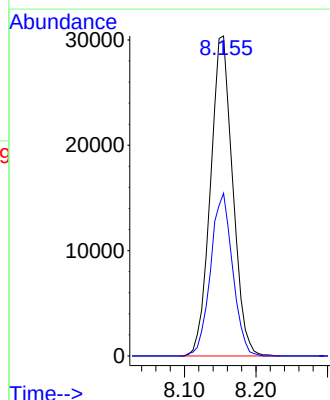
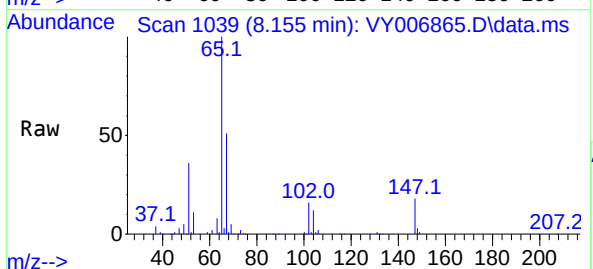
Instrument :
MSVOA_Y
ClientSampleId :
TP15

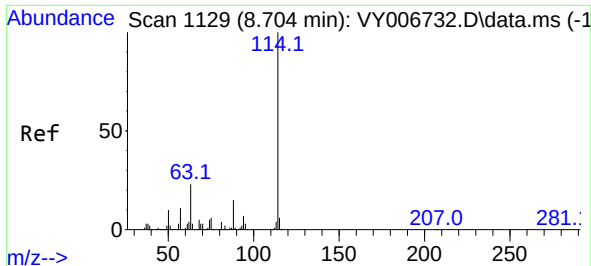
Tgt Ion:168 Resp: 91361
Ion Ratio Lower Upper
168 100
99 56.8 44.8 67.2



#33
1,2-Dichloroethane-d4
Concen: 54.750 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY006865.D
Acq: 23 Nov 2021 13:06

Tgt Ion: 65 Resp: 65557
Ion Ratio Lower Upper
65 100
67 50.3 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: VY006865.D

Acq: 23 Nov 2021 13:06

Instrument :

MSVOA_Y

ClientSampleId :

TP15

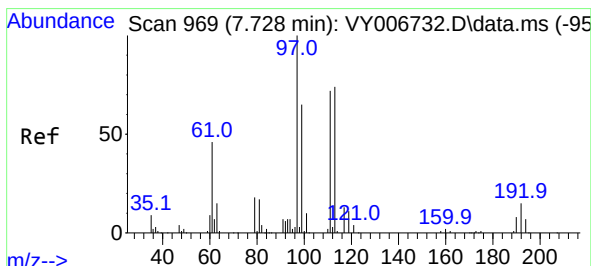
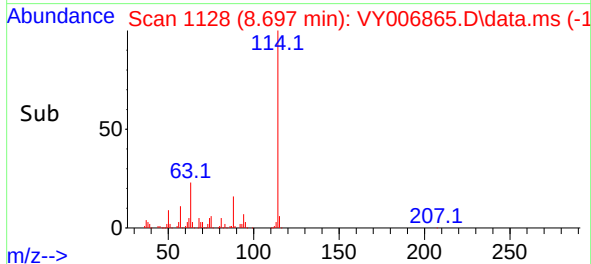
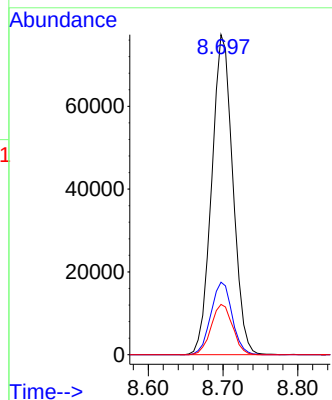
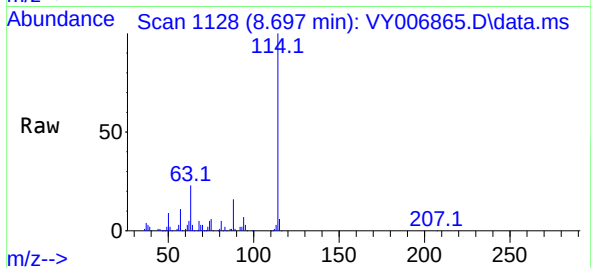
Tgt Ion:114 Resp: 151859

Ion Ratio Lower Upper

114 100

63 22.6 0.0 45.0

88 15.7 0.0 30.6



#35

Dibromofluoromethane

Concen: 50.185 ug/l

RT: 7.728 min Scan# 969

Delta R.T. -0.000 min

Lab File: VY006865.D

Acq: 23 Nov 2021 13:06

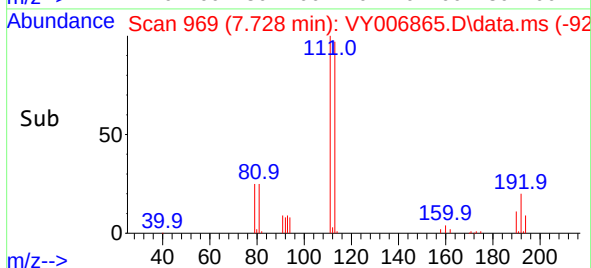
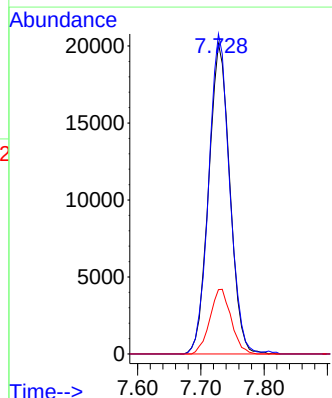
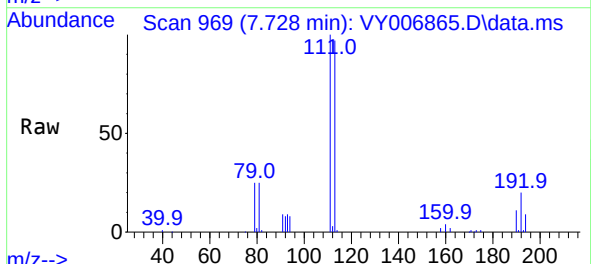
Tgt Ion:113 Resp: 46811

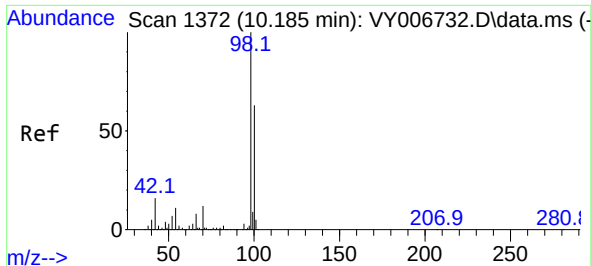
Ion Ratio Lower Upper

113 100

111 101.8 82.3 123.5

192 20.9 17.4 26.2

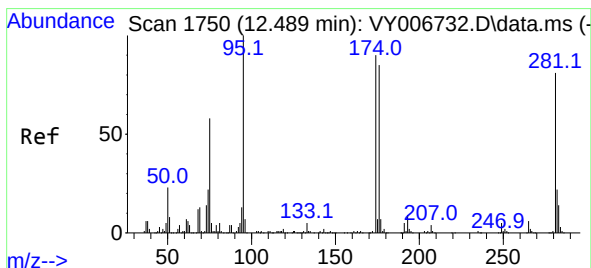
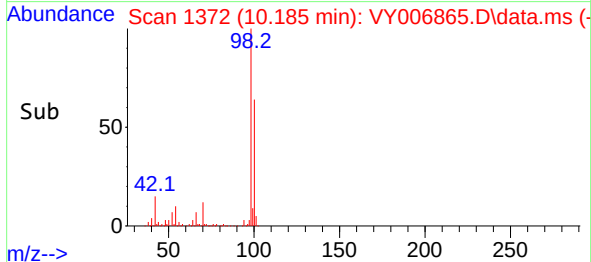
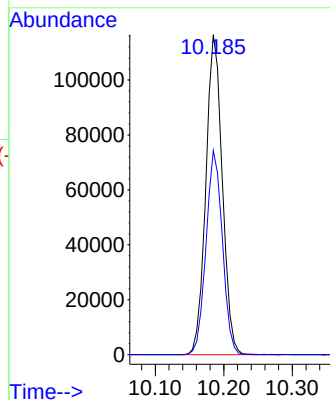
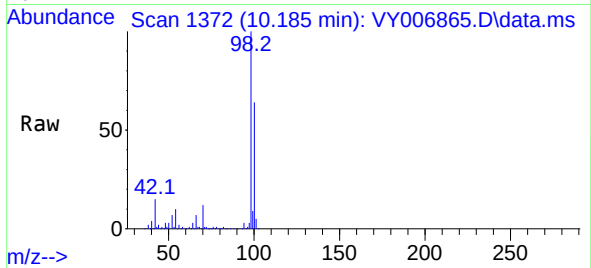




#50
Toluene-d8
Concen: 50.410 ug/l
RT: 10.185 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY006865.D
Acq: 23 Nov 2021 13:06

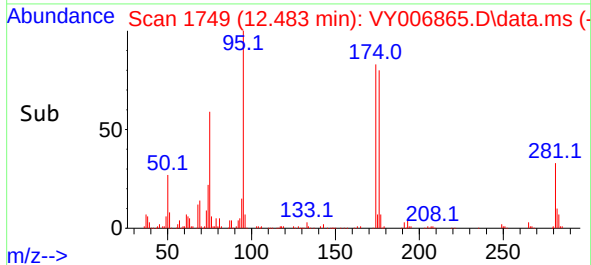
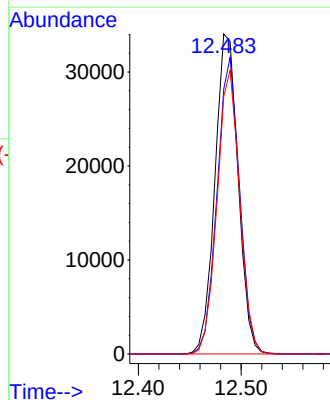
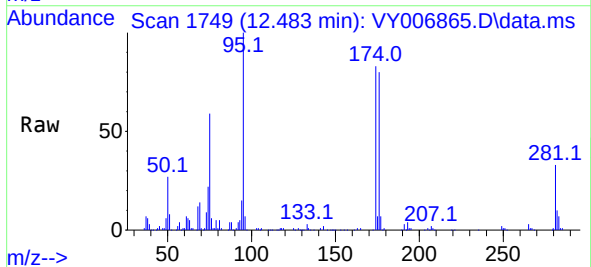
Instrument :
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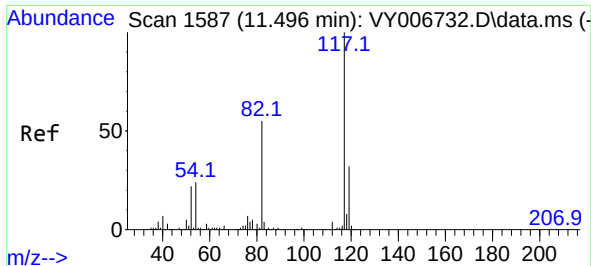
Tgt Ion: 98 Resp: 194580
Ion Ratio Lower Upper
98 100
100 63.4 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 40.928 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VY006865.D
Acq: 23 Nov 2021 13:06

Tgt Ion: 95 Resp: 53259
Ion Ratio Lower Upper
95 100
174 90.0 0.0 177.0
176 86.3 0.0 169.4

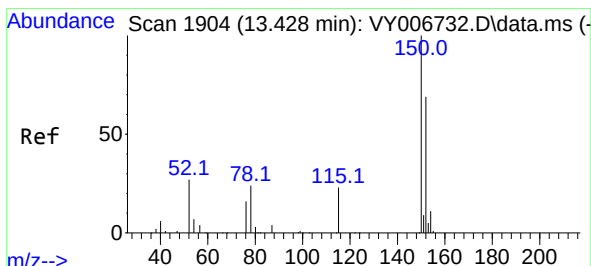
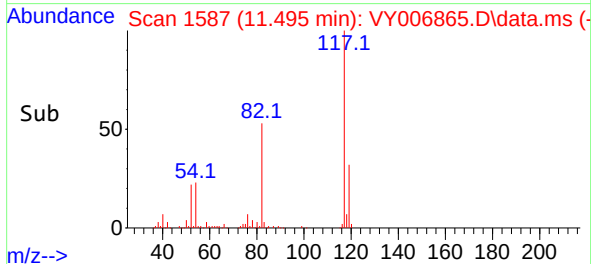
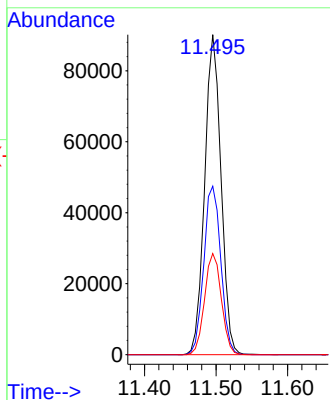
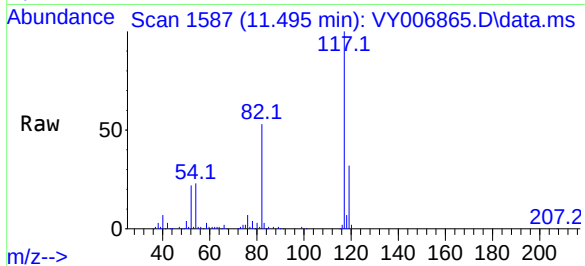




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY006865.D
Acq: 23 Nov 2021 13:06

Instrument :
MSVOA_Y
ClientSampleId :
TP15

Tgt Ion:117 Resp: 143099
Ion Ratio Lower Upper
117 100
82 52.7 45.7 68.5
119 31.6 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: VY006865.D
Acq: 23 Nov 2021 13:06

Tgt Ion:152 Resp: 51721
Ion Ratio Lower Upper
152 100
115 57.3 28.5 85.5
150 156.4 0.0 348.2

