

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112421\
 Data File : VY006878.D
 Acq On : 24 Nov 2021 15:01
 Operator : SY/MD
 Sample : VY1124SBL01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1124SBL01

Quant Time: Nov 24 16:23:43 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	93570	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	159369	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	150510	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	59071	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	66191	53.974	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	107.940%
35) Dibromofluoromethane	7.728	113	49997	51.074	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.140%
50) Toluene-d8	10.185	98	201835	49.825	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.660%
62) 4-Bromofluorobenzene	12.483	95	62770	45.964	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	91.920%

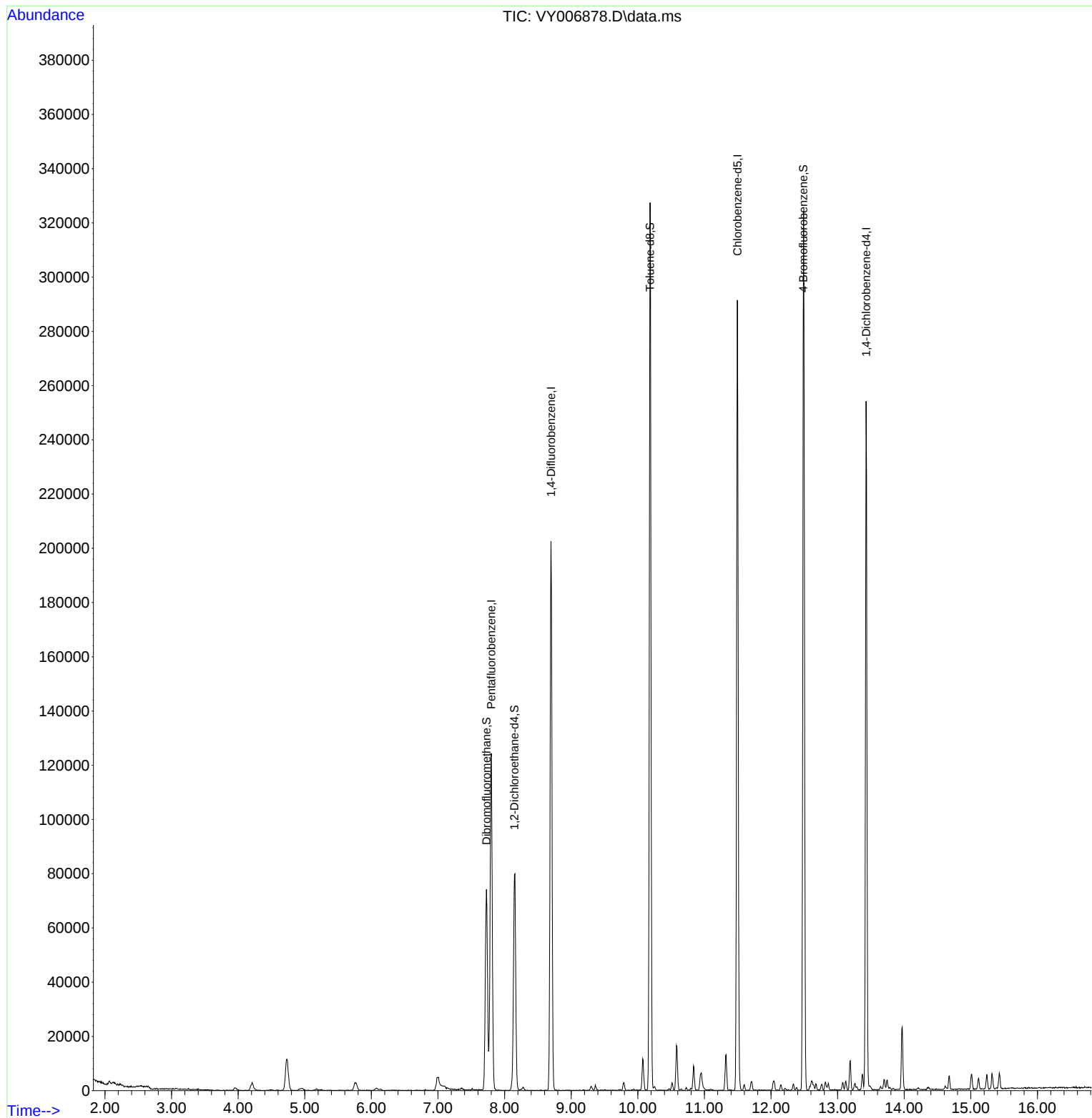
Target Compounds	Qvalue

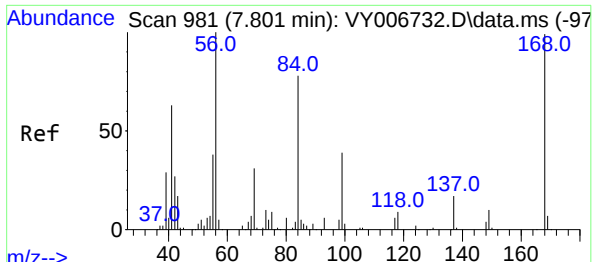
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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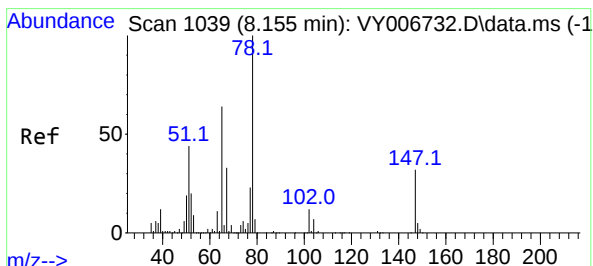
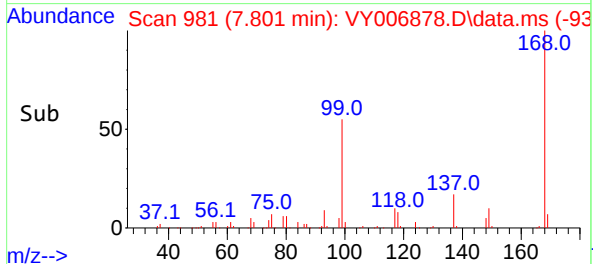
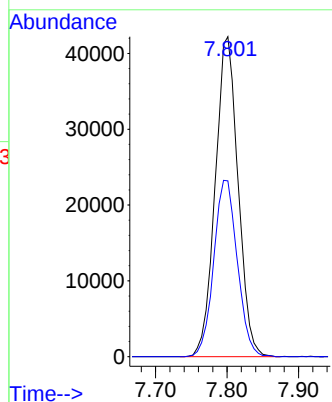
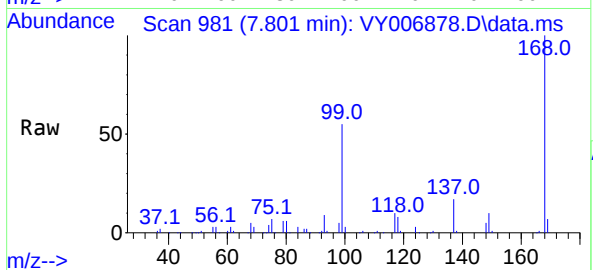




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY006878.D
Acq: 24 Nov 2021 15:01

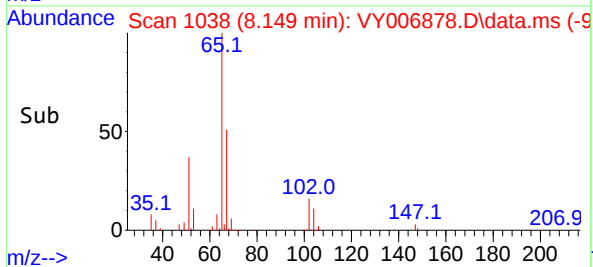
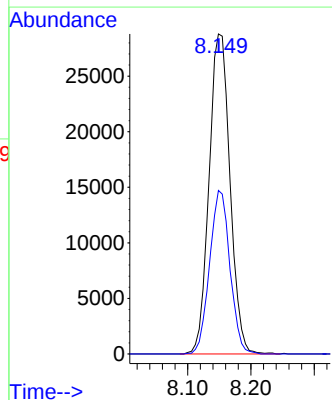
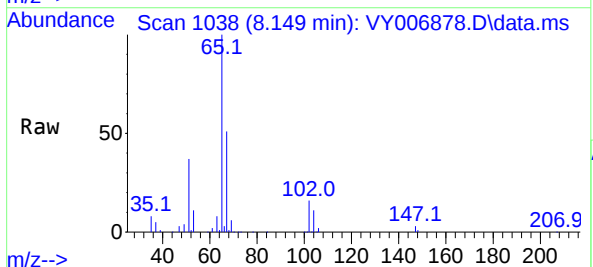
Instrument :
MSVOA_Y
ClientSampleId :
VY1124SBL01

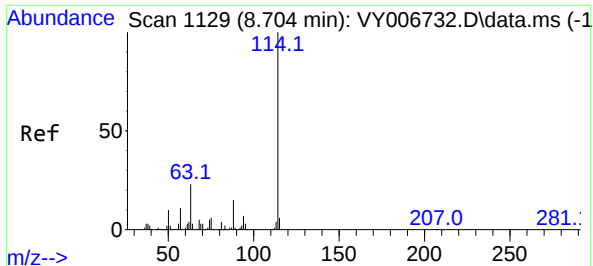
Tgt Ion:168 Resp: 93570
Ion Ratio Lower Upper
168 100
99 55.0 44.8 67.2



#33
1,2-Dichloroethane-d4
Concen: 53.974 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY006878.D
Acq: 24 Nov 2021 15:01

Tgt Ion: 65 Resp: 66191
Ion Ratio Lower Upper
65 100
67 49.6 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: VY006878.D

Acq: 24 Nov 2021 15:01

Instrument :

MSVOA_Y

ClientSampleId :

VY1124SBL01

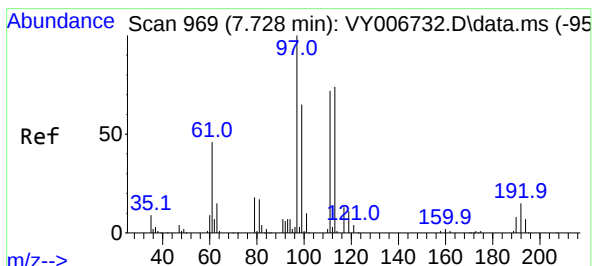
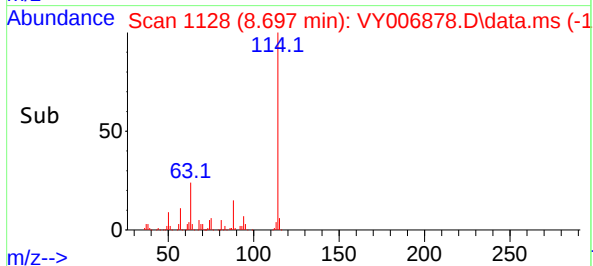
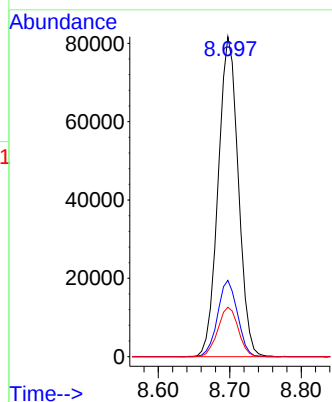
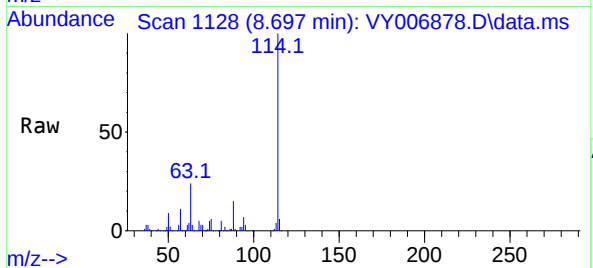
Tgt Ion:114 Resp: 159369

Ion Ratio Lower Upper

114 100

63 23.9 0.0 45.0

88 15.4 0.0 30.6



#35

Dibromofluoromethane

Concen: 51.074 ug/l

RT: 7.728 min Scan# 969

Delta R.T. -0.000 min

Lab File: VY006878.D

Acq: 24 Nov 2021 15:01

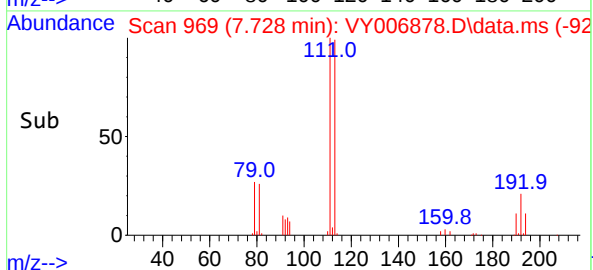
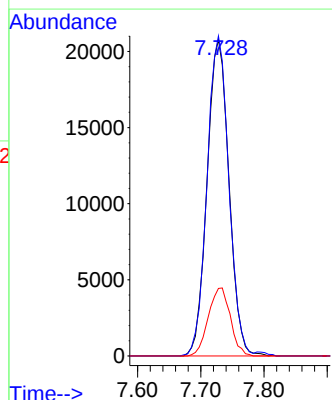
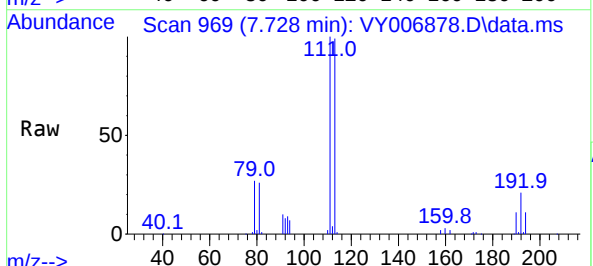
Tgt Ion:113 Resp: 49997

Ion Ratio Lower Upper

113 100

111 100.5 82.3 123.5

192 21.6 17.4 26.2

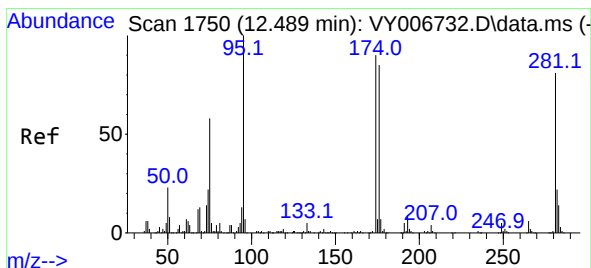
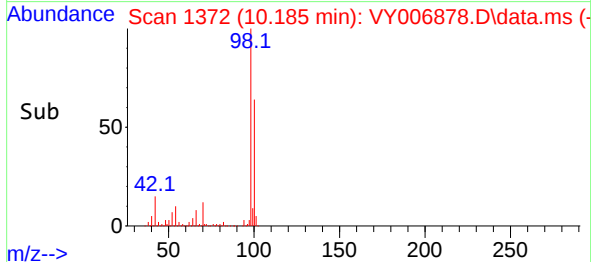
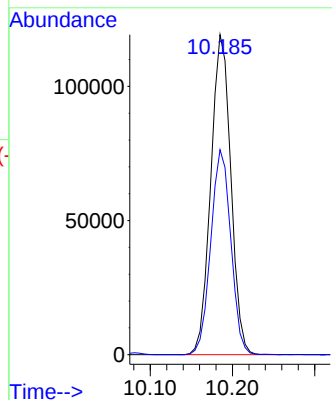
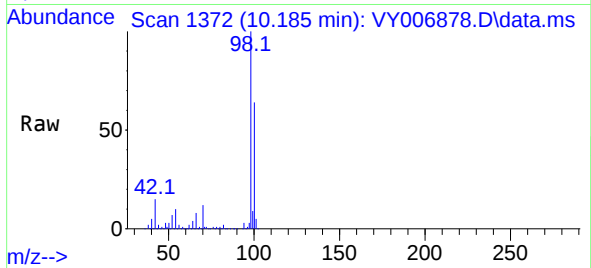




#50
Toluene-d8
Concen: 49.825 ug/l
RT: 10.185 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY006878.D
Acq: 24 Nov 2021 15:01

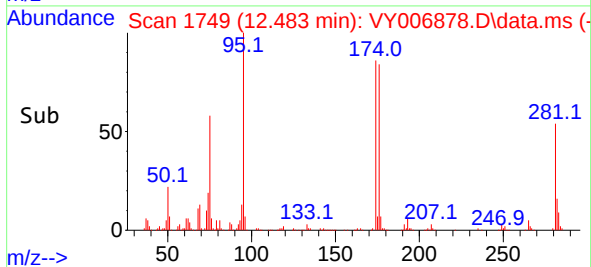
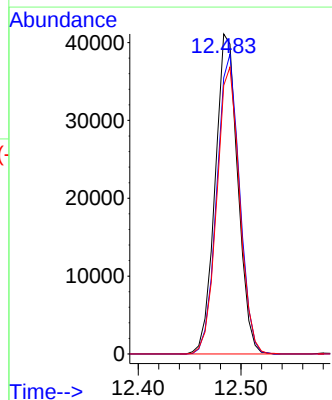
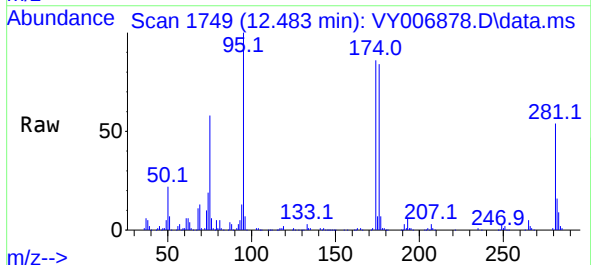
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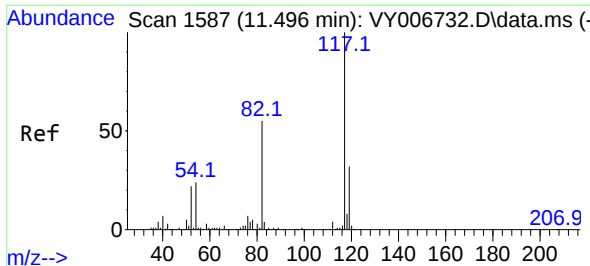
Tgt Ion: 98 Resp: 201835
Ion Ratio Lower Upper
98 100
100 64.1 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 45.964 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VY006878.D
Acq: 24 Nov 2021 15:01

Tgt Ion: 95 Resp: 62770
Ion Ratio Lower Upper
95 100
174 93.7 0.0 177.0
176 90.2 0.0 169.4



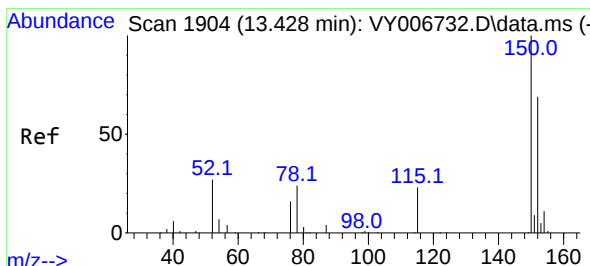
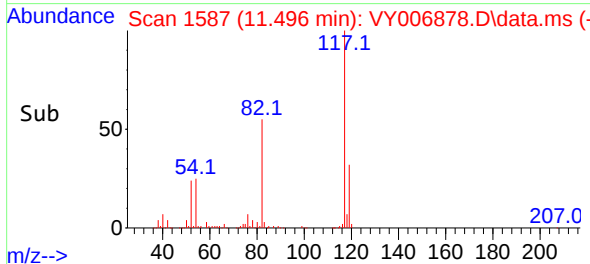
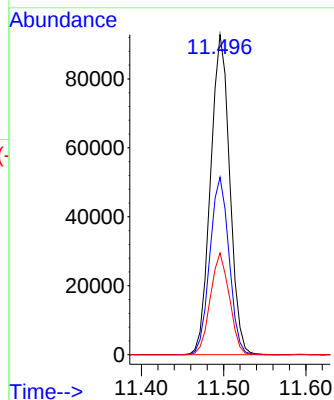
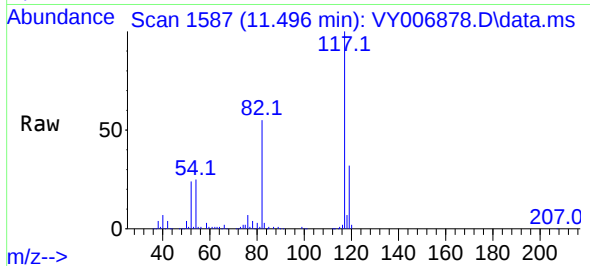


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY006878.D
Acq: 24 Nov 2021 15:01

Instrument :
MSVOA_Y
ClientSampleId :
VY1124SBL01

Tgt Ion:117 Resp: 150510

Ion	Ratio	Lower	Upper
117	100		
82	55.5	45.7	68.5
119	31.8	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: VY006878.D
Acq: 24 Nov 2021 15:01

Tgt Ion:152 Resp: 59071

Ion	Ratio	Lower	Upper
152	100		
115	58.4	28.5	85.5
150	157.3	0.0	348.2

