

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032122\
 Data File : VY007944.D
 Acq On : 21 Mar 2022 11:01
 Operator : SY/MD
 Sample : VY0321SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0321SBL01

Quant Time: Mar 21 19:03:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y031722S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 17 13:55:34 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	271531	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	491331	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	441507	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	189233	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	157327	50.817	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	101.640%
35) Dibromofluoromethane	7.722	113	150213	43.533	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	87.060%
50) Toluene-d8	10.178	98	589894	57.501	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	115.000%
62) 4-Bromofluorobenzene	12.483	95	202506	40.892	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	81.780%

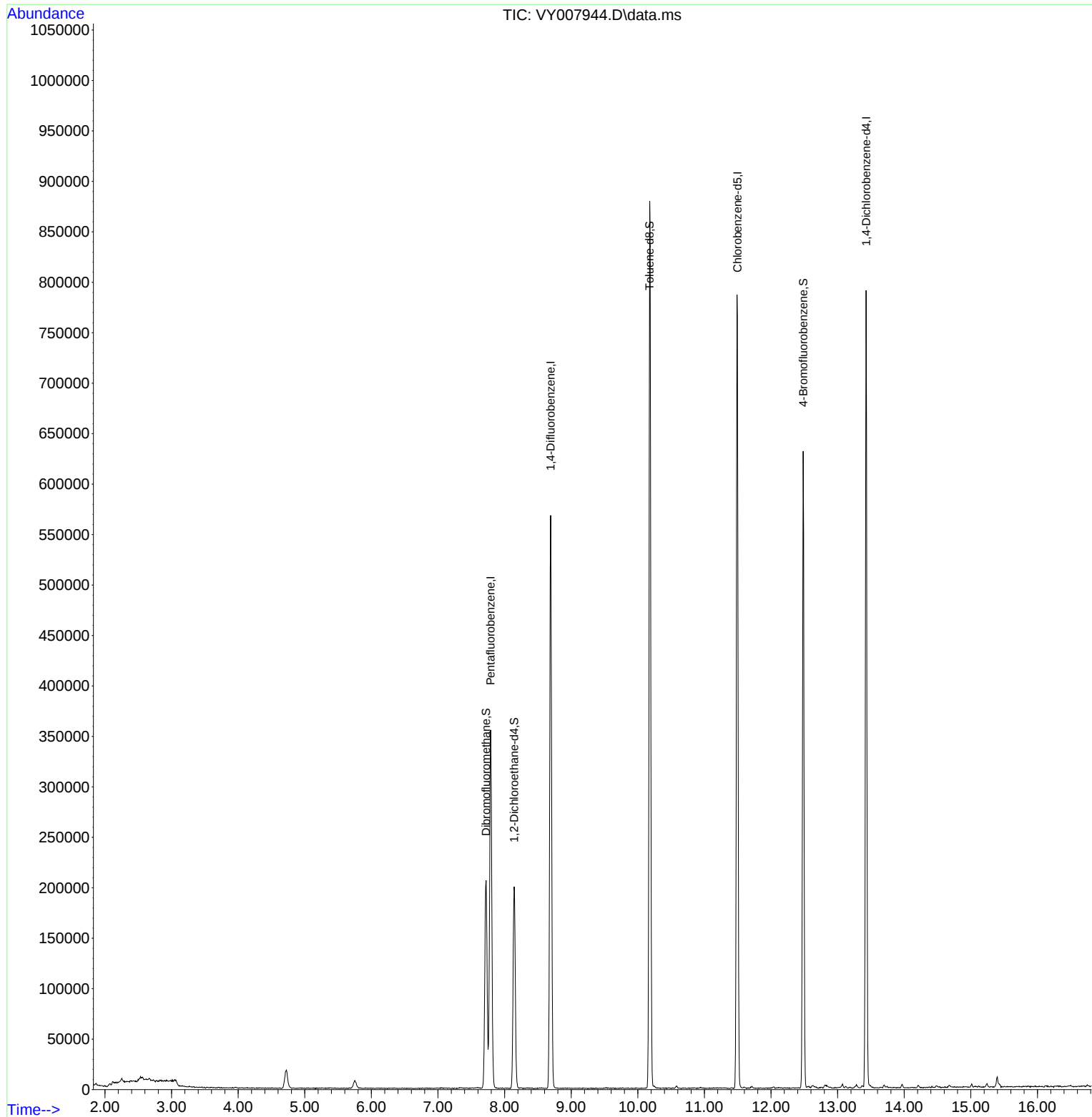
Target Compounds	Qvalue

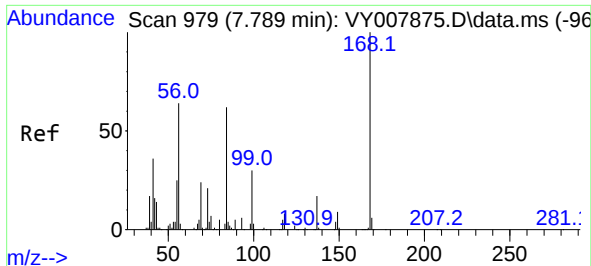
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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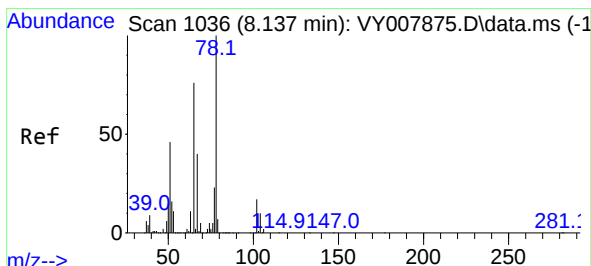
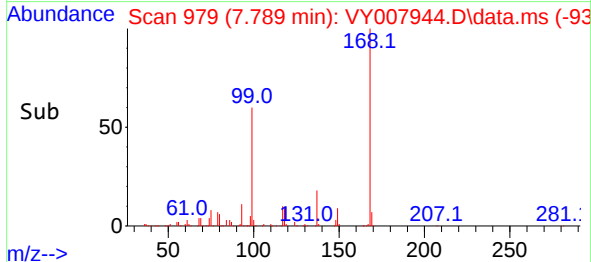
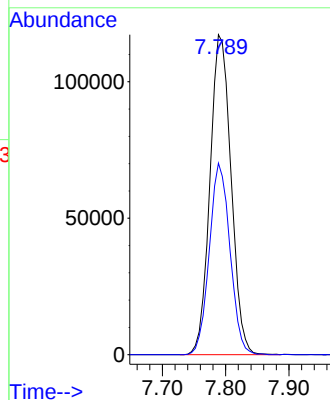
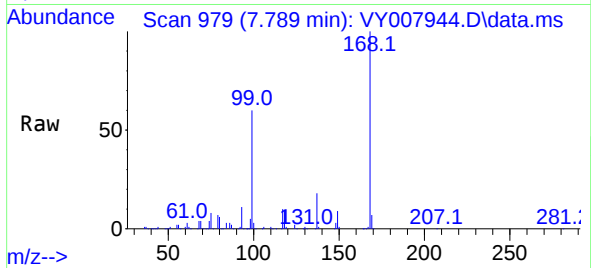




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007944.D
Acq: 21 Mar 2022 11:01

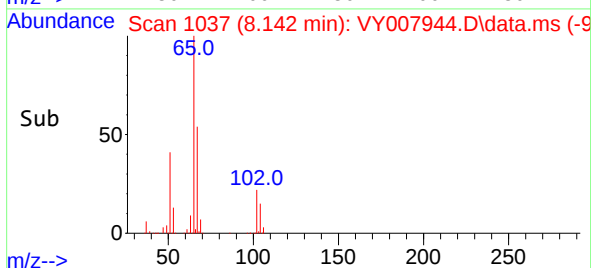
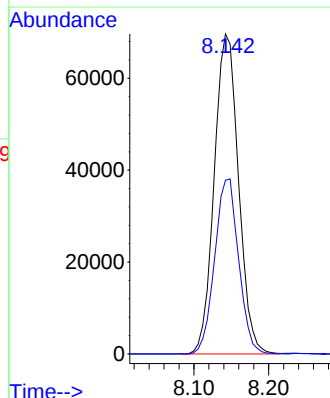
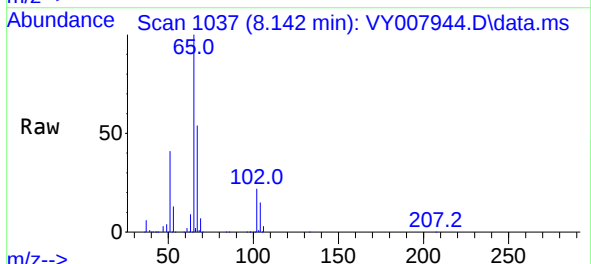
Instrument :
MSVOA_Y
ClientSampleId :
VY0321SBL01

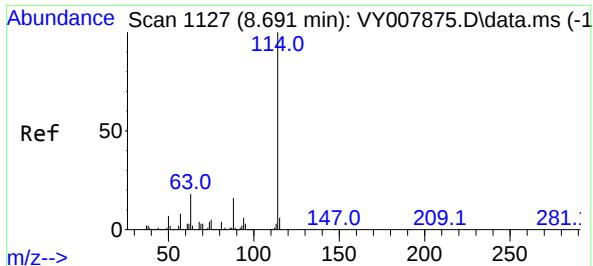
Tgt Ion:168 Resp: 271531
Ion Ratio Lower Upper
168 100
99 59.9 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 50.817 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY007944.D
Acq: 21 Mar 2022 11:01

Tgt Ion: 65 Resp: 157327
Ion Ratio Lower Upper
65 100
67 53.9 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY007944.D

Acq: 21 Mar 2022 11:01

Instrument :

MSVOA_Y

ClientSampleId :

VY0321SBL01

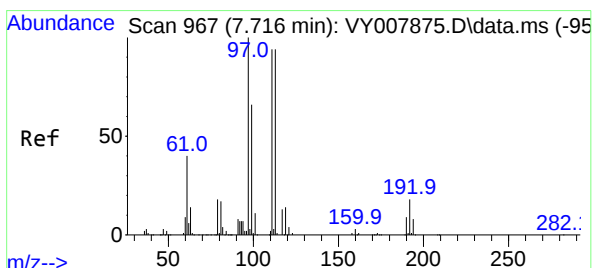
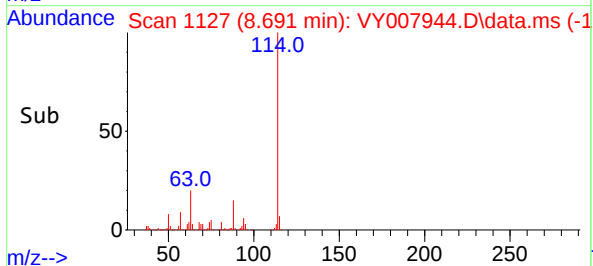
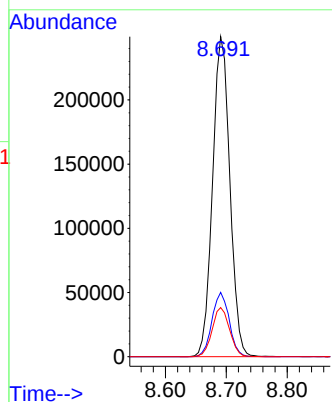
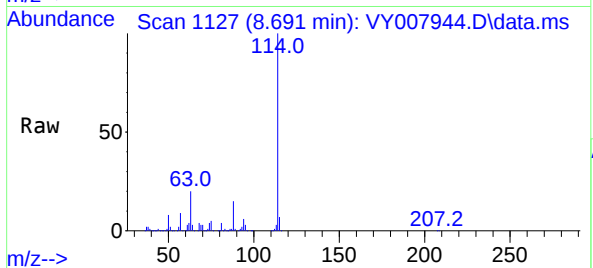
Tgt Ion:114 Resp: 491331

Ion Ratio Lower Upper

114 100

63 20.1 0.0 43.2

88 15.4 0.0 31.8



#35

Dibromofluoromethane

Concen: 43.533 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY007944.D

Acq: 21 Mar 2022 11:01

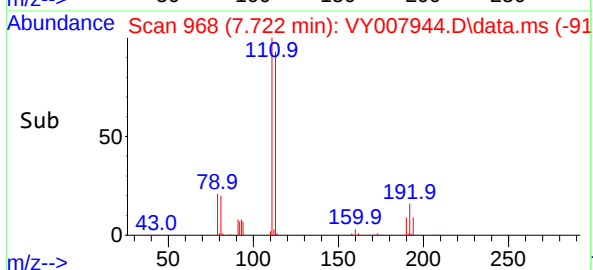
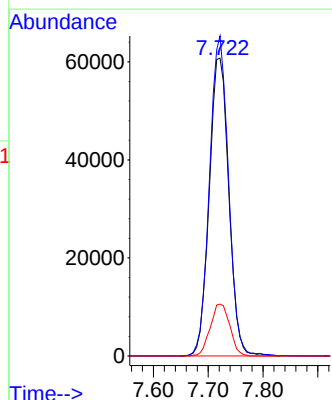
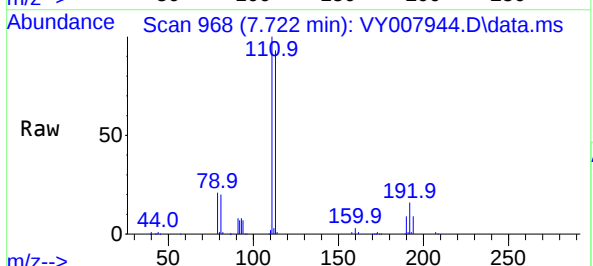
Tgt Ion:113 Resp: 150213

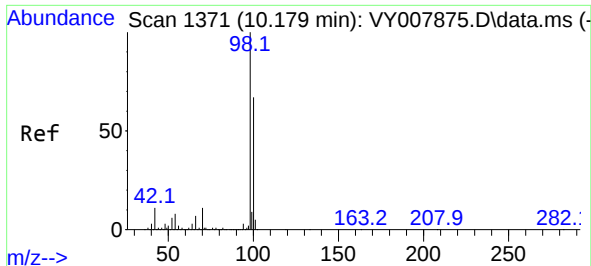
Ion Ratio Lower Upper

113 100

111 104.6 82.6 124.0

192 17.4 17.6 26.4#

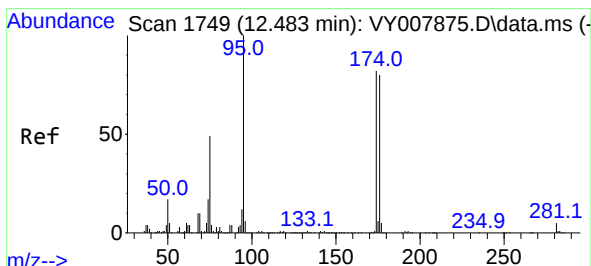
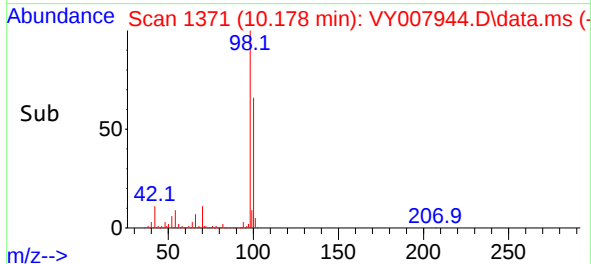
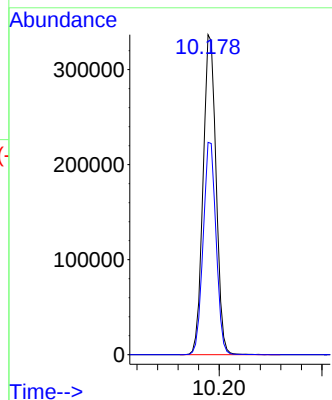
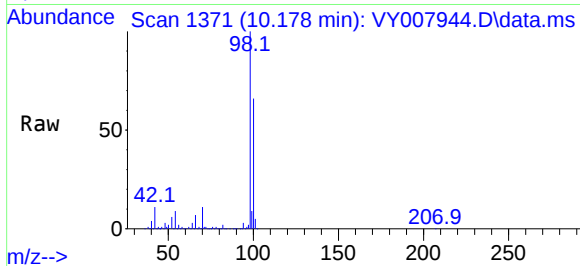




#50
Toluene-d8
Concen: 57.501 ug/l
RT: 10.178 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY007944.D
Acq: 21 Mar 2022 11:01

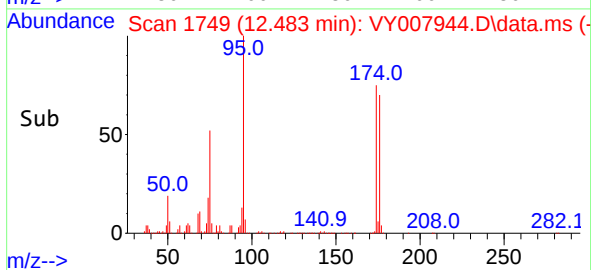
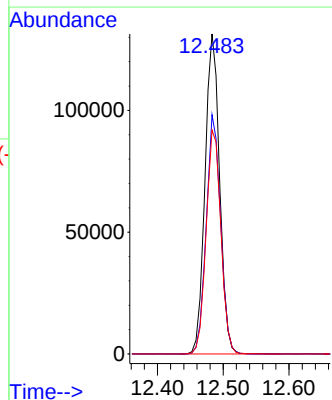
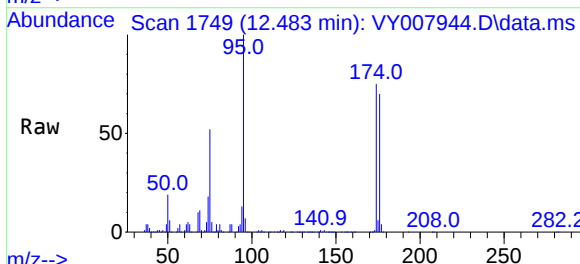
Instrument :
MSVOA_Y
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VY0321SBL01

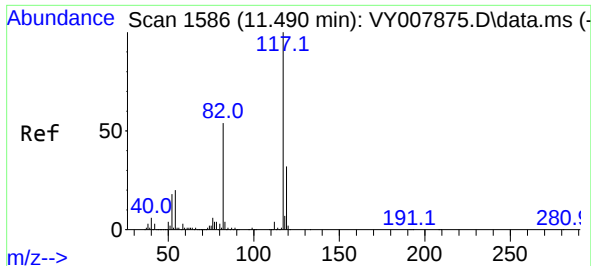
Tgt Ion: 98 Resp: 589894
Ion Ratio Lower Upper
98 100
100 65.9 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 40.892 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY007944.D
Acq: 21 Mar 2022 11:01

Tgt Ion: 95 Resp: 202506
Ion Ratio Lower Upper
95 100
174 73.6 0.0 177.0
176 70.8 0.0 175.8

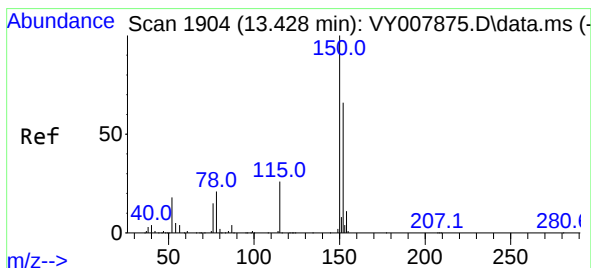
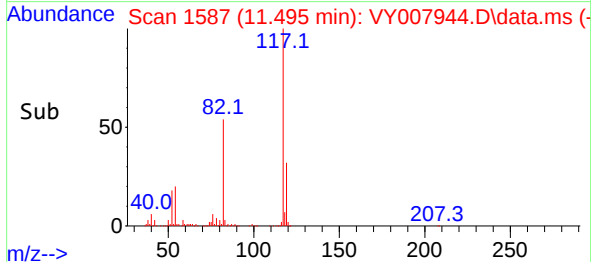
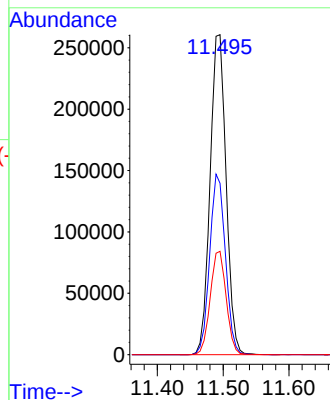
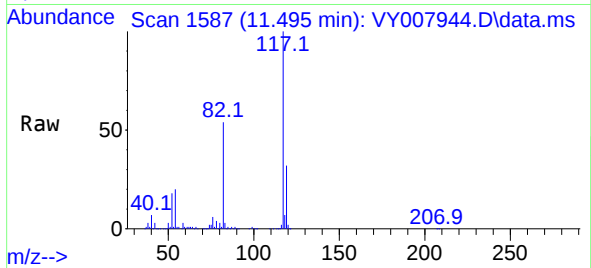




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 117
Delta R.T. 0.006 min
Lab File: VY007944.D
Acq: 21 Mar 2022 11:01

Instrument :
MSVOA_Y
ClientSampleId :
VY0321SBL01

Tgt Ion:117 Resp: 441507
Ion Ratio Lower Upper
117 100
82 53.6 43.0 64.4
119 32.3 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY007944.D
Acq: 21 Mar 2022 11:01

Tgt Ion:152 Resp: 189233
Ion Ratio Lower Upper
152 100
115 60.5 28.2 84.7
150 157.1 0.0 347.6

