

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031022\
 Data File : VY007834.D
 Acq On : 10 Mar 2022 18:43
 Operator : SY/MD
 Sample : N1763-08
 Misc : 6.66g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 1-2-SAMPLE-LOCATION-1

Quant Time: Mar 10 23:59:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022822S.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 01 09:08:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	220831	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	382583	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	339752	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	140676	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	146999	63.584	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	127.160%
35) Dibromofluoromethane	7.716	113	129697	53.025	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.040%
50) Toluene-d8	10.179	98	472478	52.476	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.960%
62) 4-Bromofluorobenzene	12.483	95	137587	47.406	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	94.820%

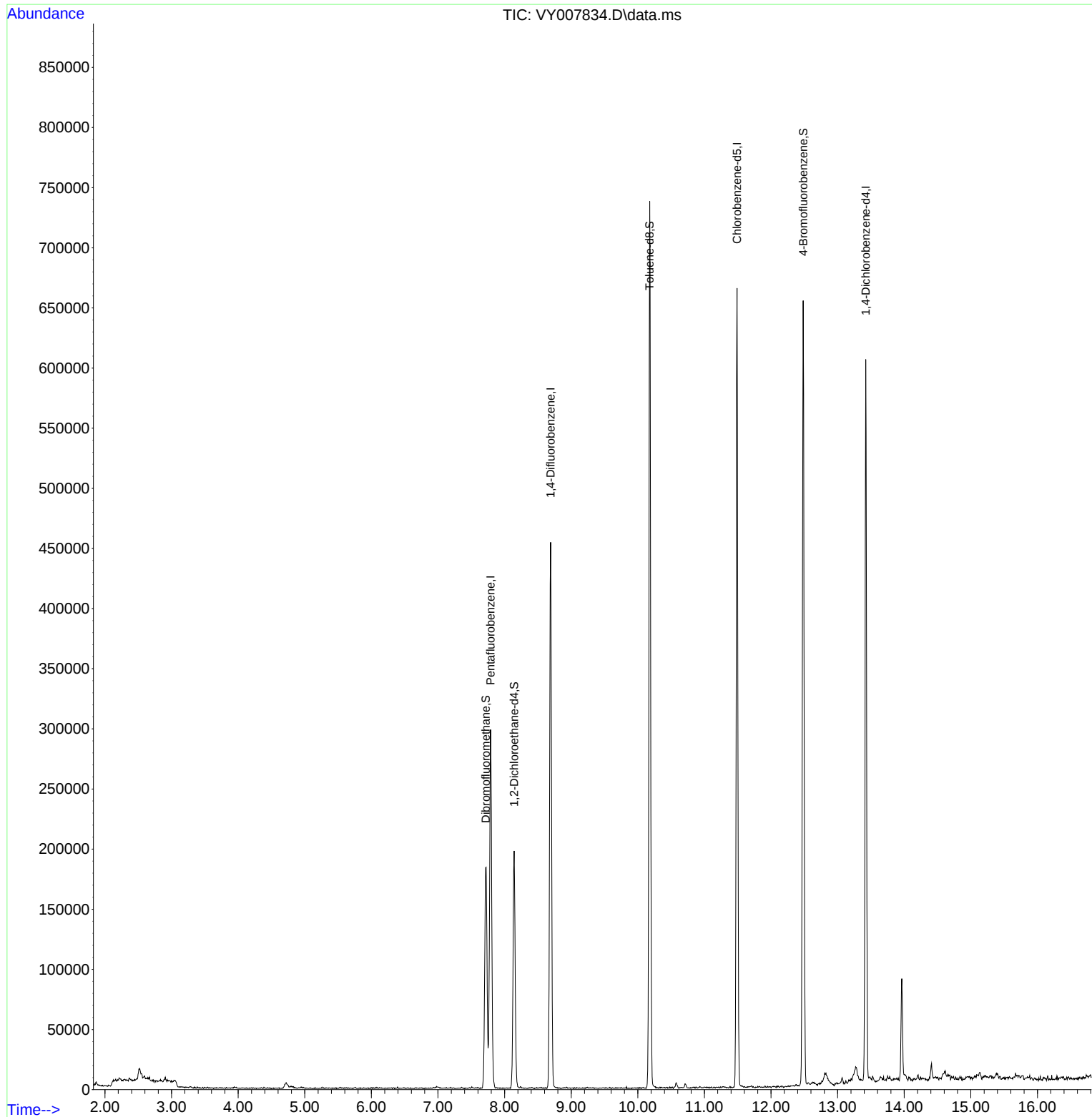
Target Compounds	Qvalue

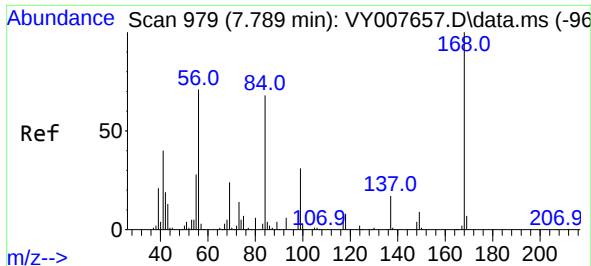
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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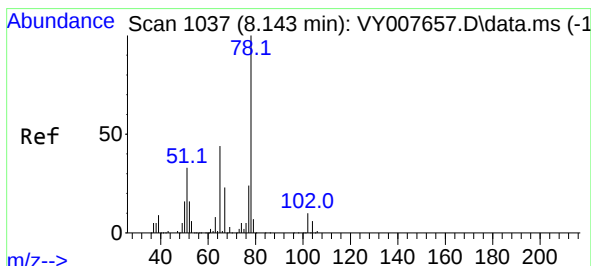
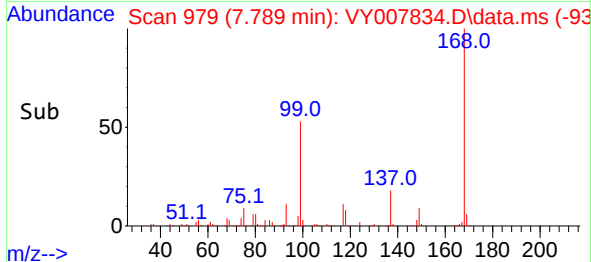
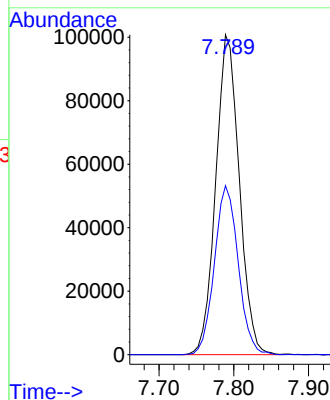
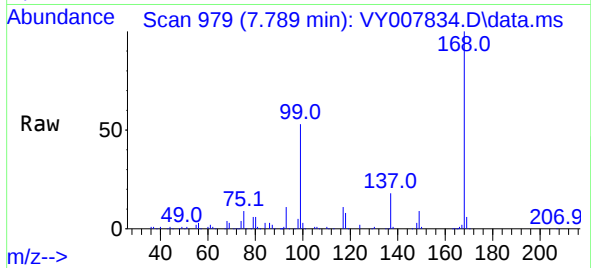




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007834.D
Acq: 10 Mar 2022 18:43

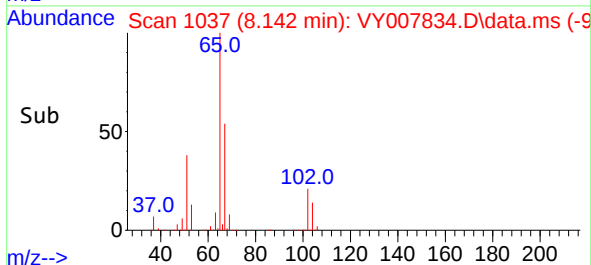
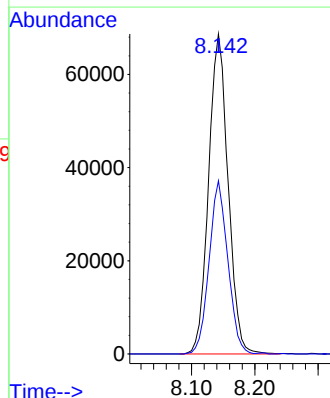
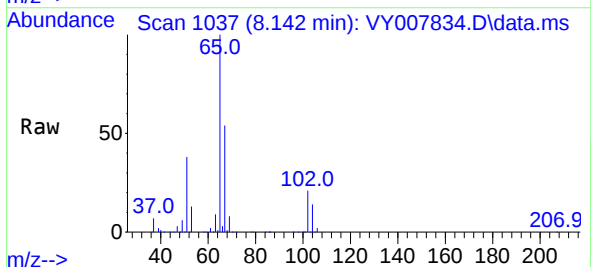
Instrument :
MSVOA_Y
ClientSampleId :
1-2-SAMPLE-LOCATION-1

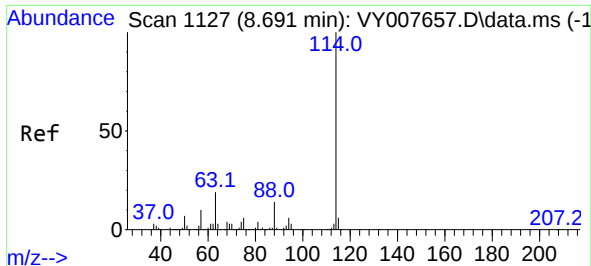
Tgt Ion:168 Resp: 220831
Ion Ratio Lower Upper
168 100
99 52.8 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 63.584 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY007834.D
Acq: 10 Mar 2022 18:43

Tgt Ion: 65 Resp: 146999
Ion Ratio Lower Upper
65 100
67 52.0 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: VY007834.D

Acq: 10 Mar 2022 18:43

Instrument :

MSVOA_Y

ClientSampleId :

1-2-SAMPLE-LOCATION-1

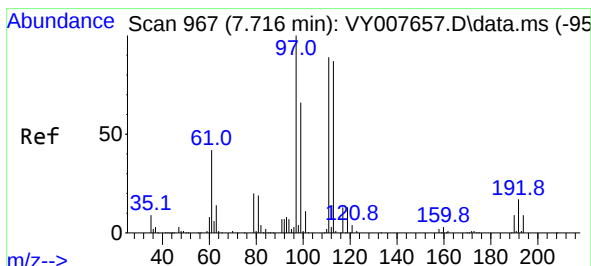
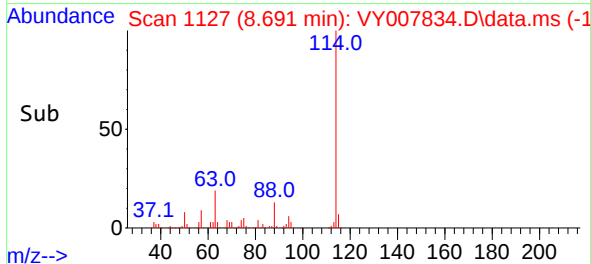
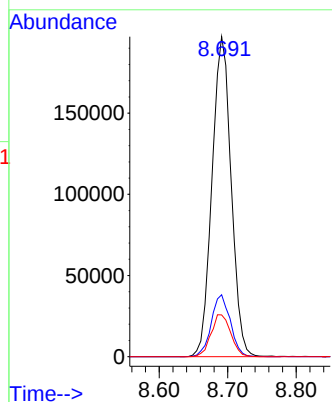
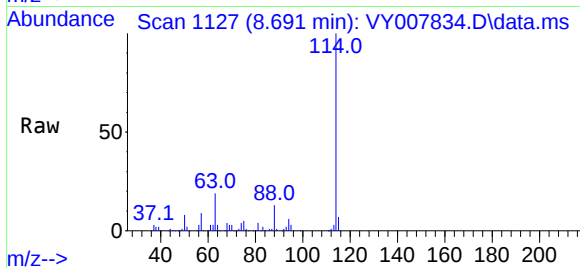
Tgt Ion:114 Resp: 382583

Ion Ratio Lower Upper

114 100

63 19.4 0.0 43.2

88 13.1 0.0 31.8



#35

Dibromofluoromethane

Concen: 53.025 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY007834.D

Acq: 10 Mar 2022 18:43

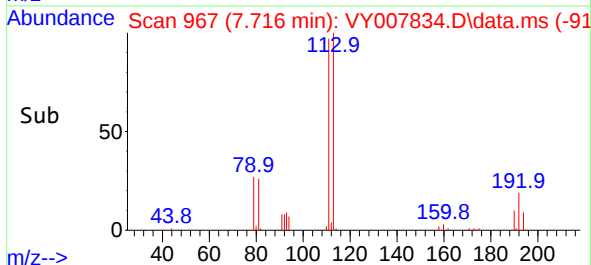
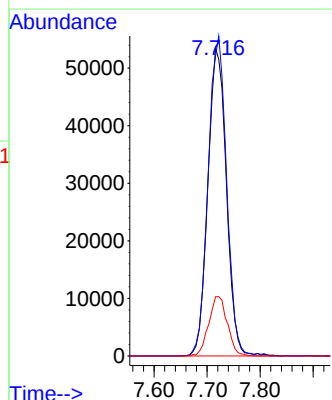
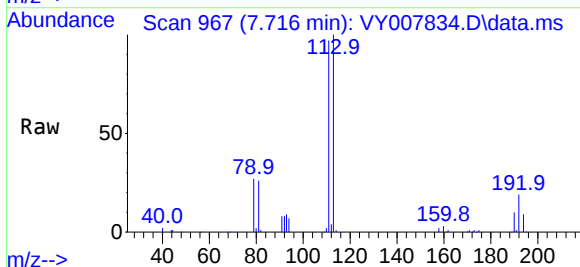
Tgt Ion:113 Resp: 129697

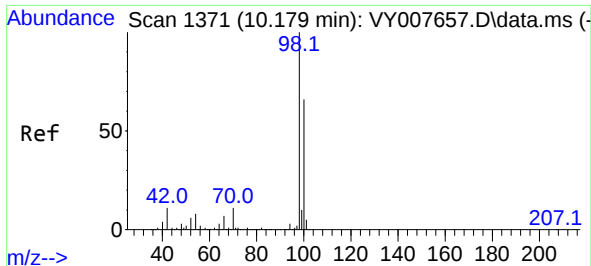
Ion Ratio Lower Upper

113 100

111 103.5 82.6 124.0

192 19.4 17.6 26.4

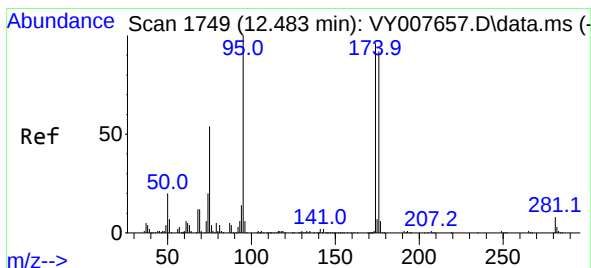
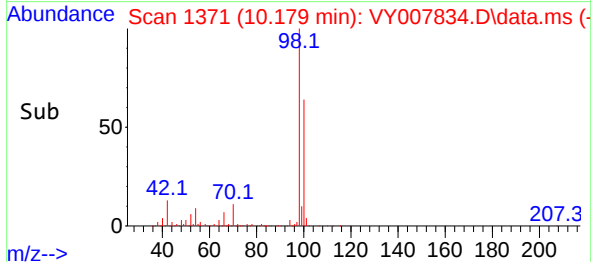
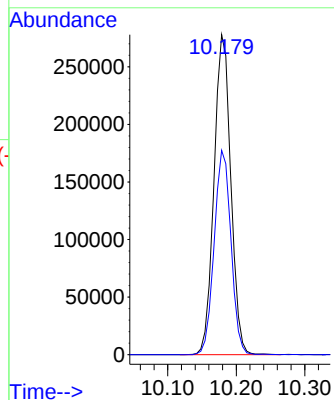
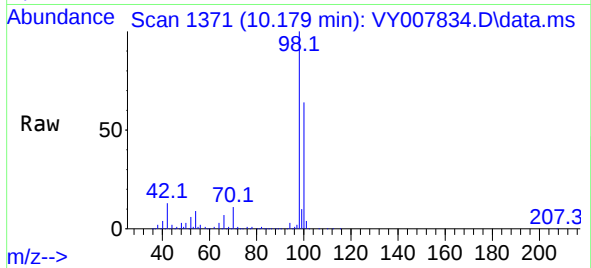




#50
Toluene-d8
Concen: 52.476 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY007834.D
Acq: 10 Mar 2022 18:43

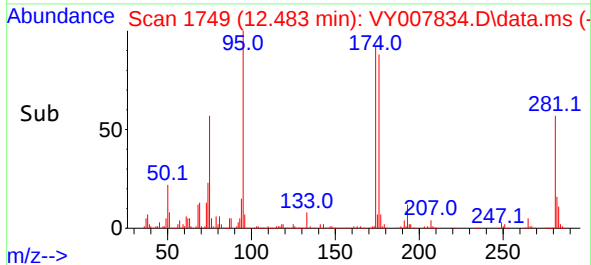
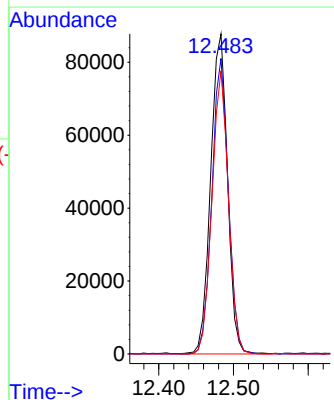
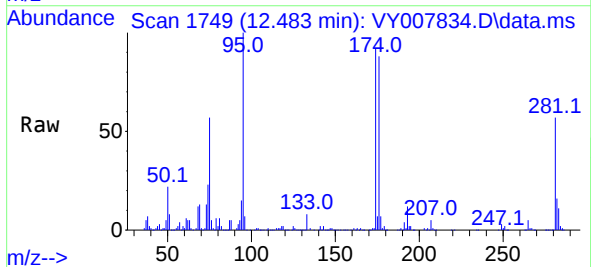
Instrument : MSVOA_Y
ClientSampleId : 1-2-SAMPLE-LOCATION-1

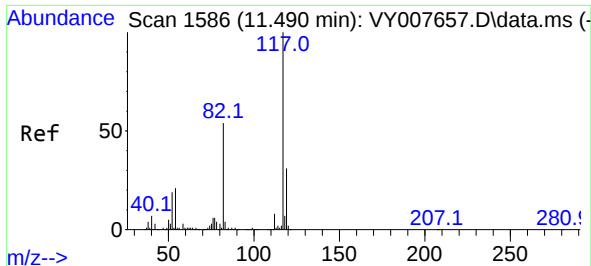
Tgt Ion: 98 Resp: 472478
Ion Ratio Lower Upper
98 100
100 63.8 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 47.406 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007834.D
Acq: 10 Mar 2022 18:43

Tgt Ion: 95 Resp: 137587
Ion Ratio Lower Upper
95 100
174 89.9 0.0 177.0
176 86.3 0.0 175.8

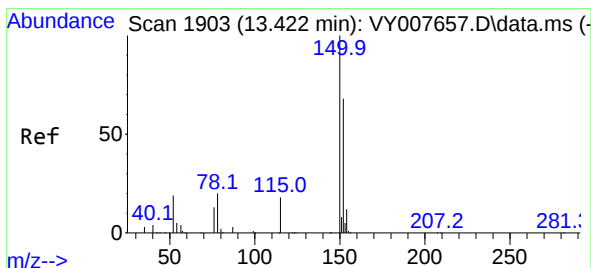
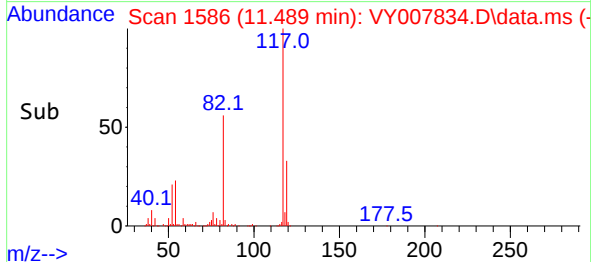
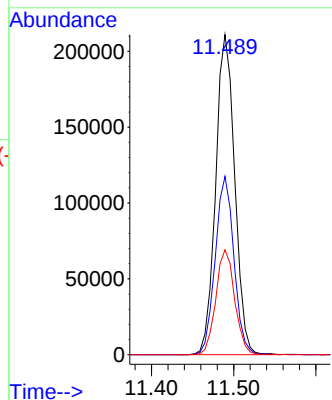
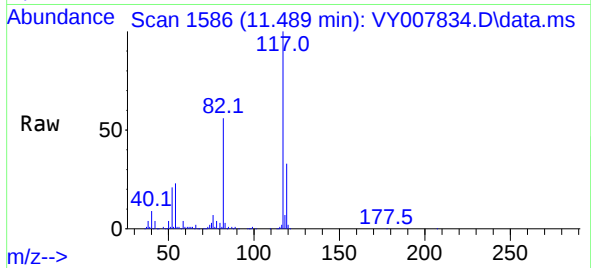




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.001 min
Lab File: VY007834.D
Acq: 10 Mar 2022 18:43

Instrument :
MSVOA_Y
ClientSampleId :
1-2-SAMPLE-LOCATION-1

Tgt Ion:117 Resp: 339752
Ion Ratio Lower Upper
117 100
82 55.7 43.0 64.4
119 32.7 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY007834.D
Acq: 10 Mar 2022 18:43

Tgt Ion:152 Resp: 140676
Ion Ratio Lower Upper
152 100
115 57.6 28.2 84.7
150 158.1 0.0 347.6

