

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031022\
 Data File : VY007832.D
 Acq On : 10 Mar 2022 17:56
 Operator : SY/MD
 Sample : N1763-13
 Misc : 5.63g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 11-12-SAMPLE-LOCATION-6

Quant Time: Mar 10 23:58:46 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	212199	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	363919	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	348543	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	151839	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	143673	64.673	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	129.340%
35) Dibromofluoromethane	7.722	113	125177	53.801	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.600%
50) Toluene-d8	10.179	98	460602	53.780	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	107.560%
62) 4-Bromofluorobenzene	12.483	95	141299	51.182	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	102.360%

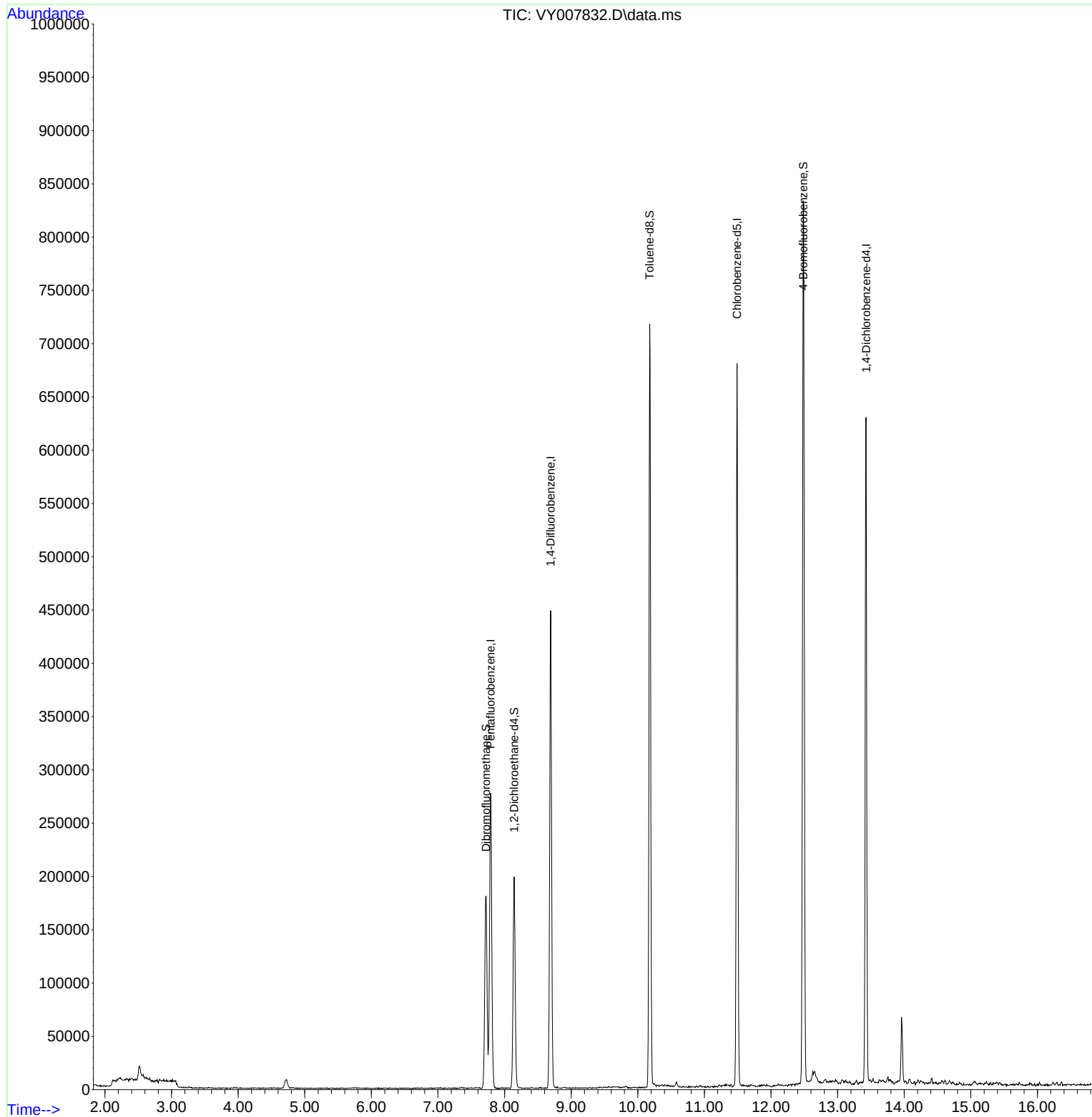
Target Compounds	Qvalue

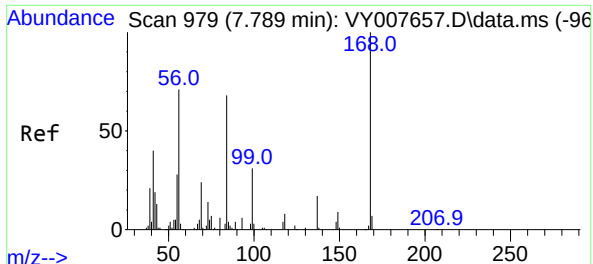
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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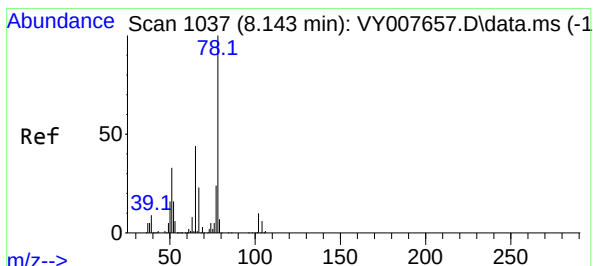
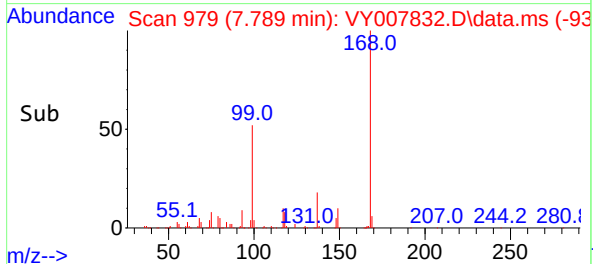
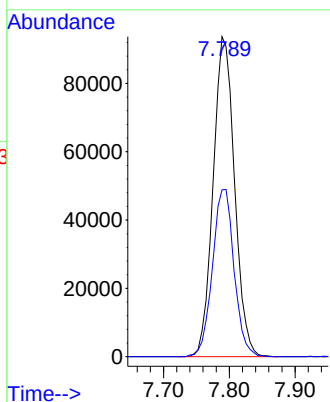
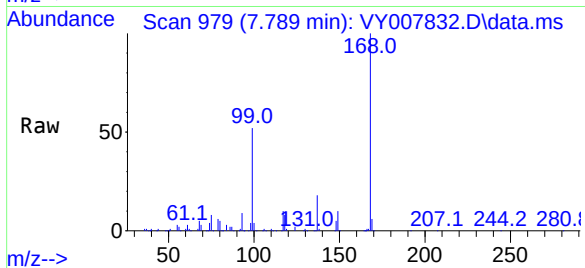




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007832.D
Acq: 10 Mar 2022 17:56

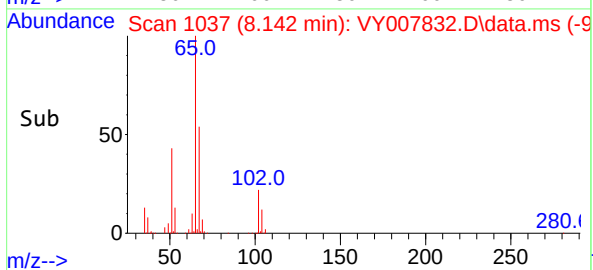
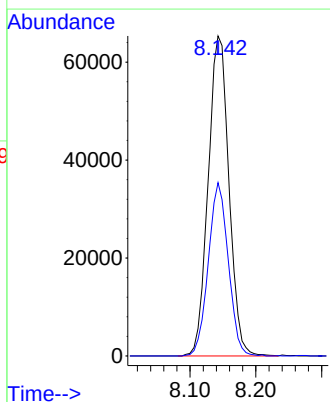
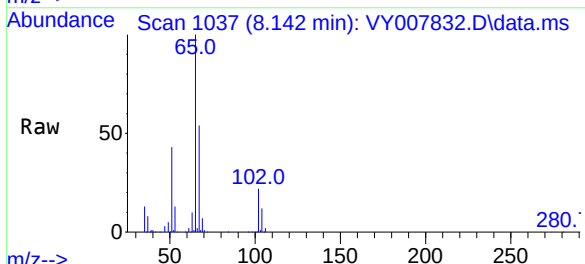
Instrument :
MSVOA_Y
ClientSampleId :
11-12-SAMPLE-LOCATION-6

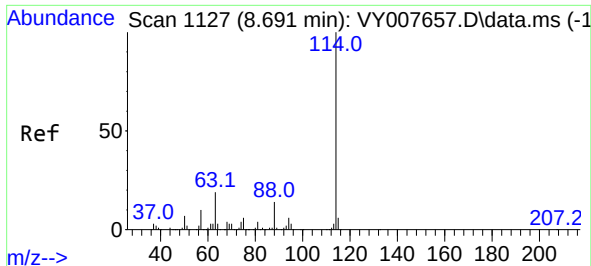
Tgt Ion:168 Resp: 212199
Ion Ratio Lower Upper
168 100
99 52.2 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 64.673 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY007832.D
Acq: 10 Mar 2022 17:56

Tgt Ion: 65 Resp: 143673
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: VY007832.D

Acq: 10 Mar 2022 17:56

Instrument :

MSVOA_Y

ClientSampleId :

11-12-SAMPLE-LOCATION-6

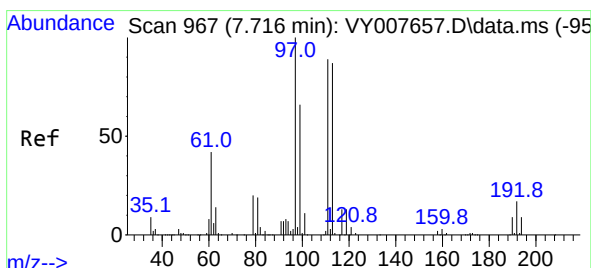
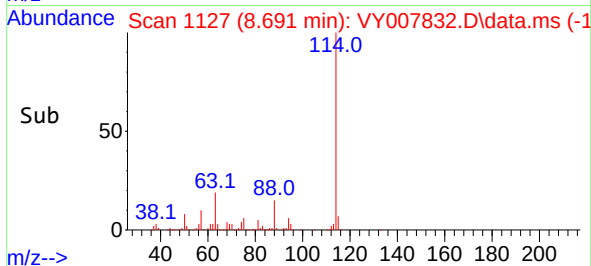
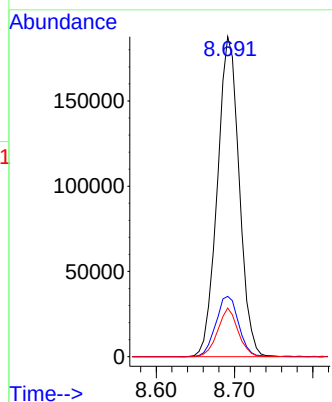
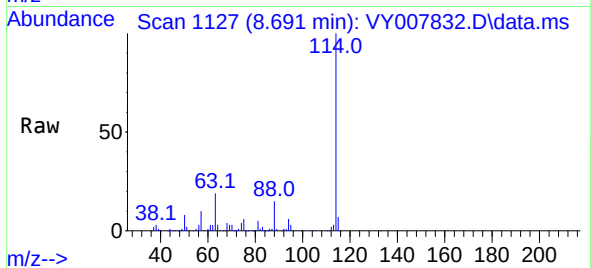
Tgt Ion:114 Resp: 363919

Ion Ratio Lower Upper

114 100

63 18.9 0.0 43.2

88 15.2 0.0 31.8



#35

Dibromofluoromethane

Concen: 53.801 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY007832.D

Acq: 10 Mar 2022 17:56

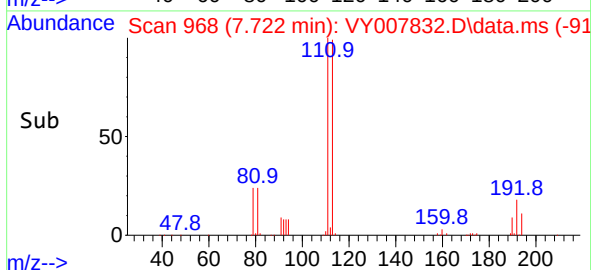
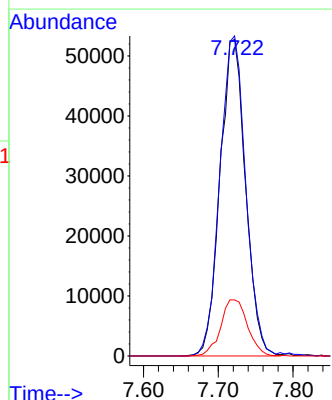
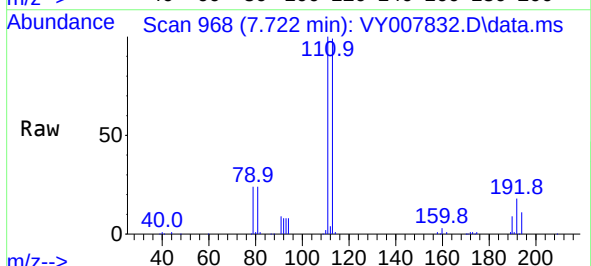
Tgt Ion:113 Resp: 125177

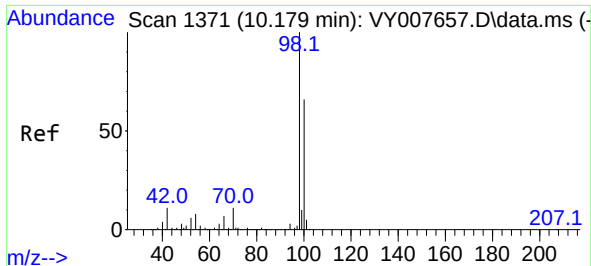
Ion Ratio Lower Upper

113 100

111 102.9 82.6 124.0

192 18.7 17.6 26.4

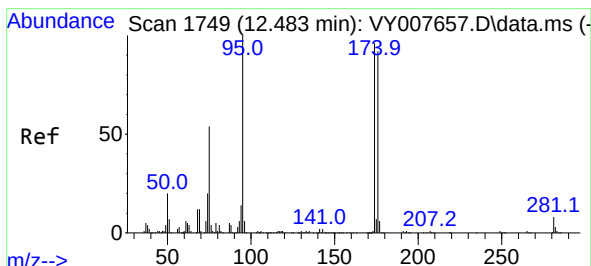
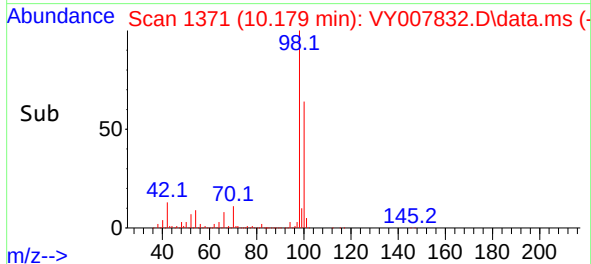
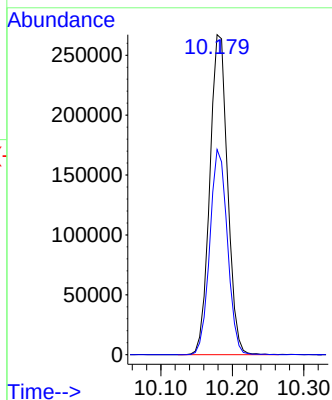
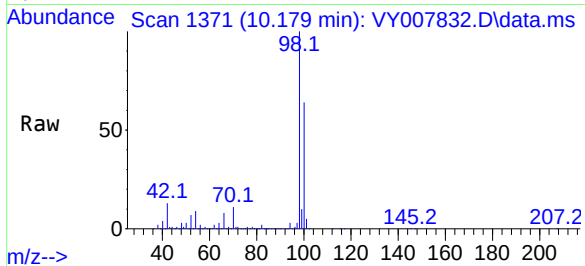




#50
Toluene-d8
Concen: 53.780 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY007832.D
Acq: 10 Mar 2022 17:56

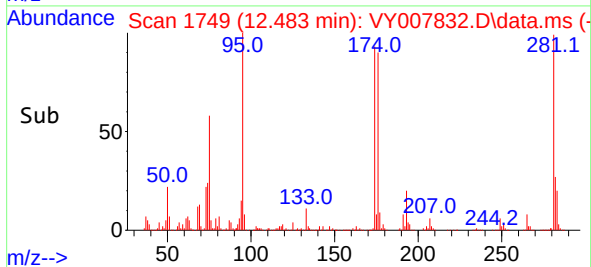
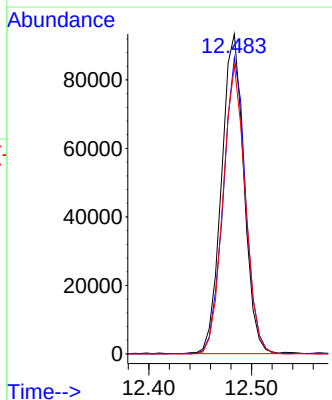
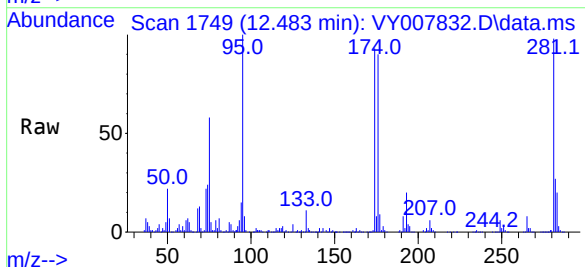
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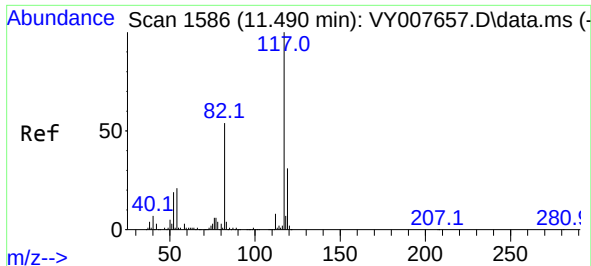
Tgt Ion: 98 Resp: 460602
Ion Ratio Lower Upper
98 100
100 63.6 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 51.182 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007832.D
Acq: 10 Mar 2022 17:56

Tgt Ion: 95 Resp: 141299
Ion Ratio Lower Upper
95 100
174 92.2 0.0 177.0
176 89.5 0.0 175.8

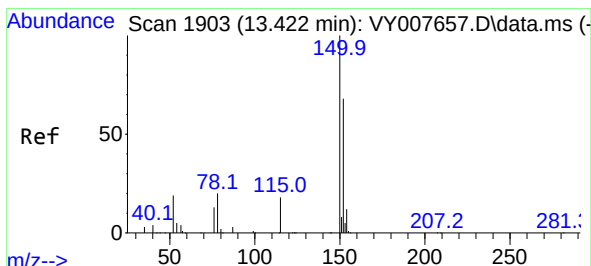
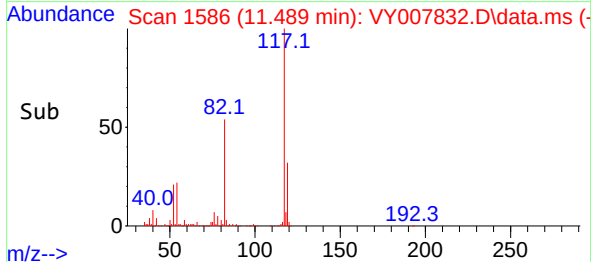
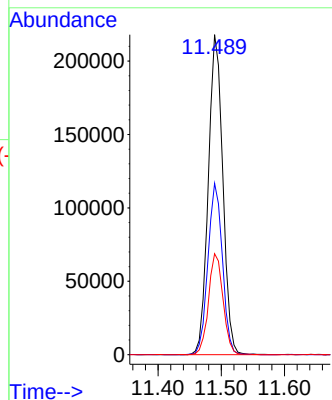
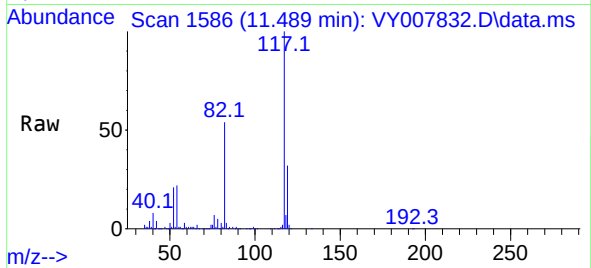




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY007832.D
Acq: 10 Mar 2022 17:56

Instrument :
MSVOA_Y
ClientSampleId :
11-12-SAMPLE-LOCATION-6

Tgt Ion:117 Resp: 348543
Ion Ratio Lower Upper
117 100
82 53.6 43.0 64.4
119 31.5 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY007832.D
Acq: 10 Mar 2022 17:56

Tgt Ion:152 Resp: 151839
Ion Ratio Lower Upper
152 100
115 55.6 28.2 84.7
150 157.1 0.0 347.6

