

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030922\
 Data File : VY007813.D
 Acq On : 09 Mar 2022 20:37
 Operator : SY/MD
 Sample : N1825-07
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 DUM-31

Quant Time: Mar 10 01:05:53 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	7.795	168	154646	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	271709	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	251593	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	108676	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	103743	64.078	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	128.160%
35) Dibromofluoromethane	7.722	113	94029	54.129	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.260%
50) Toluene-d8	10.179	98	336842	52.677	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.360%
62) 4-Bromofluorobenzene	12.483	95	97931	47.511	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	95.020%

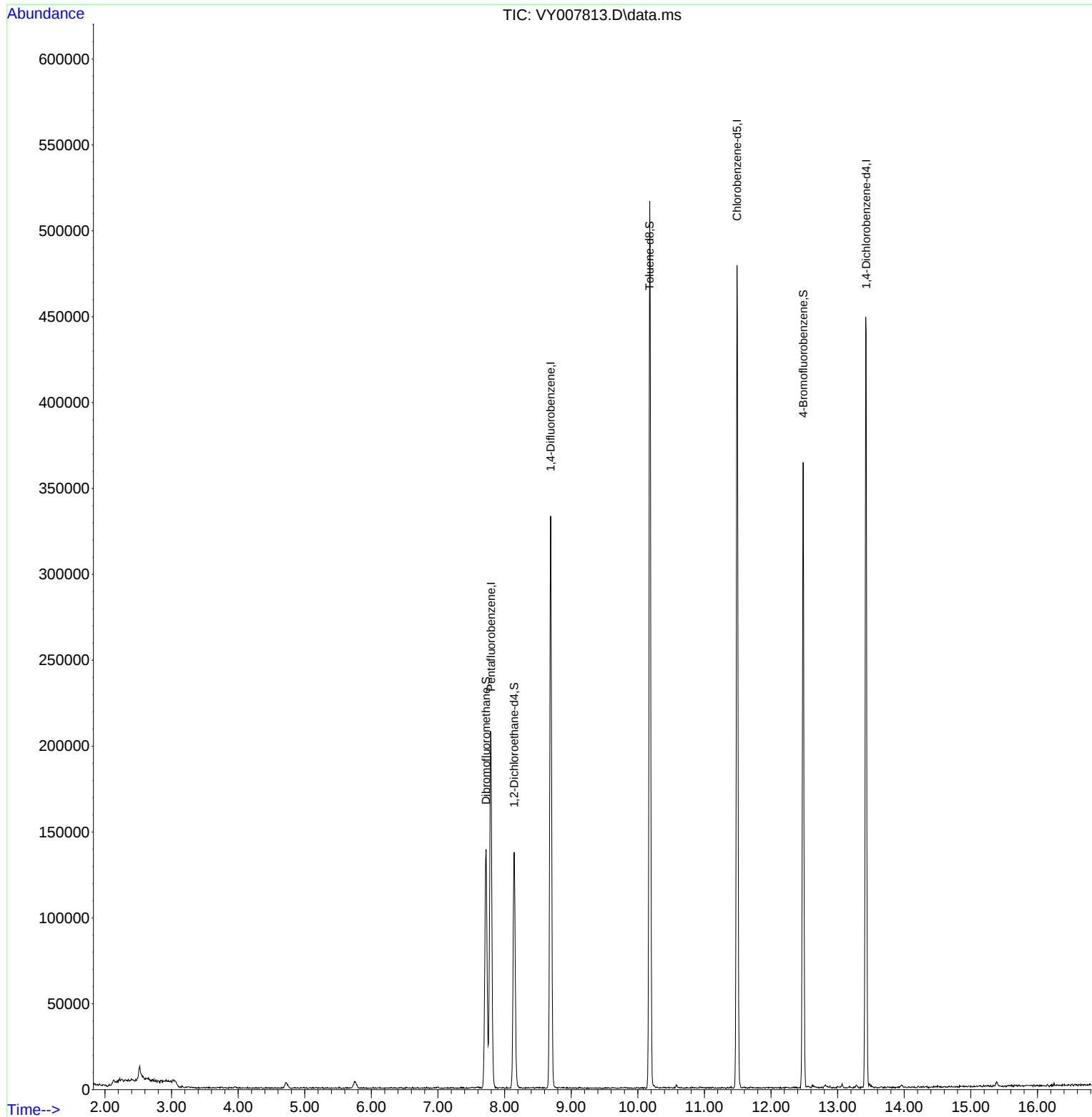
Target Compounds	Qvalue

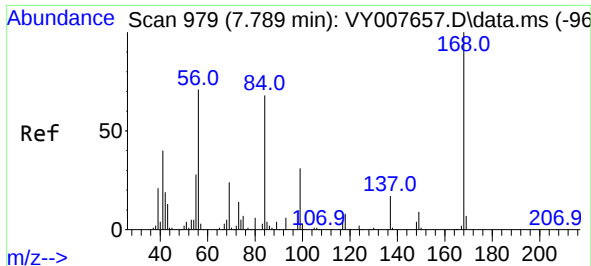
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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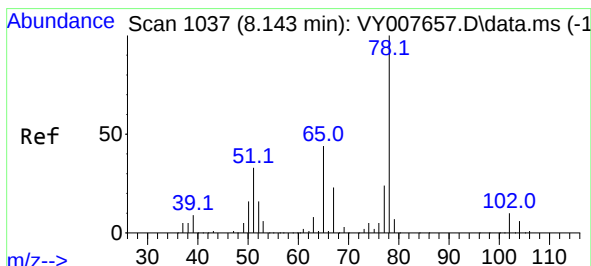
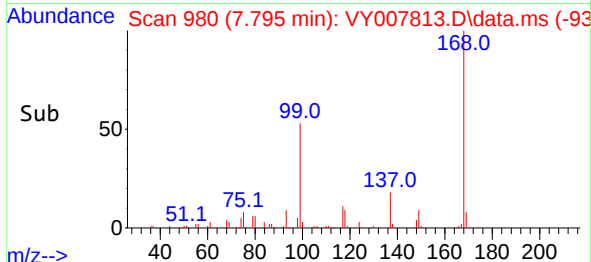
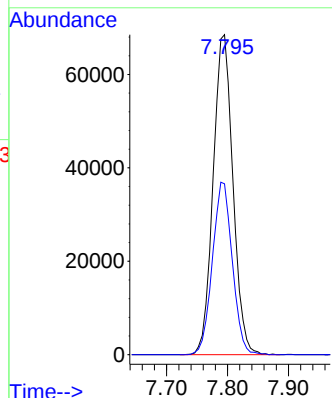
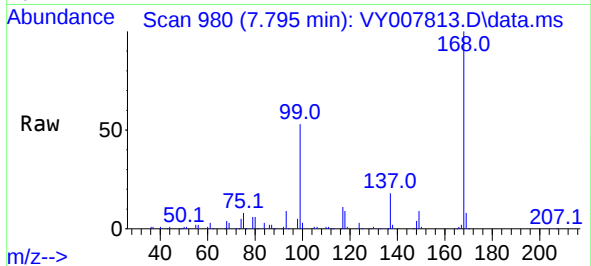




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY007813.D
Acq: 09 Mar 2022 20:37

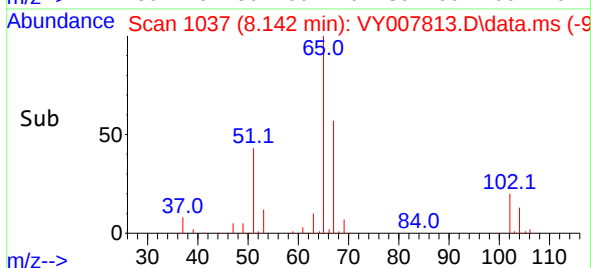
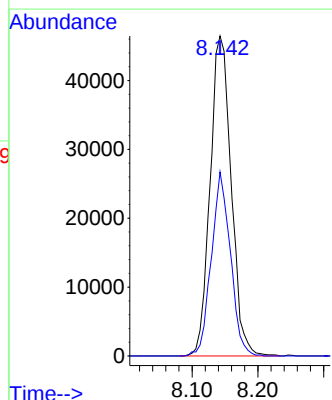
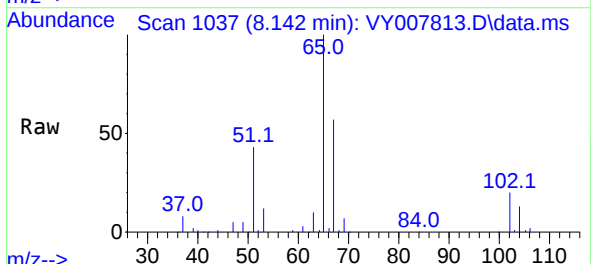
Instrument :
MSVOA_Y
ClientSampleId :
DUM-31

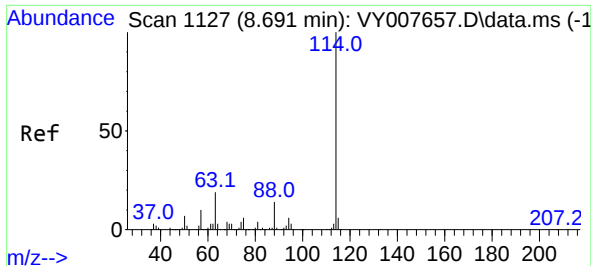
Tgt Ion:168 Resp: 154646
Ion Ratio Lower Upper
168 100
99 53.4 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 64.078 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY007813.D
Acq: 09 Mar 2022 20:37

Tgt Ion: 65 Resp: 103743
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: VY007813.D

Acq: 09 Mar 2022 20:37

Instrument :

MSVOA_Y

ClientSampleId :

DUM-31

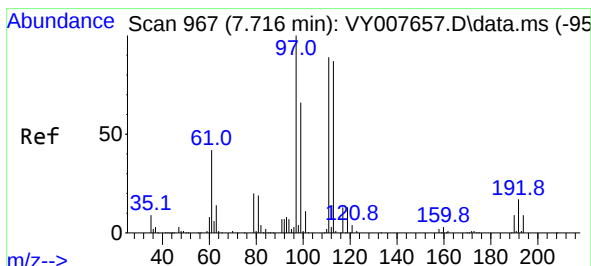
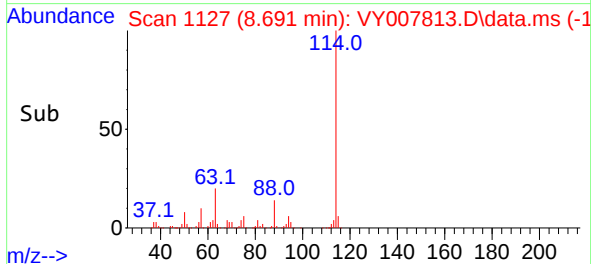
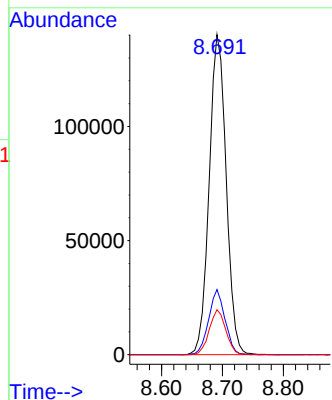
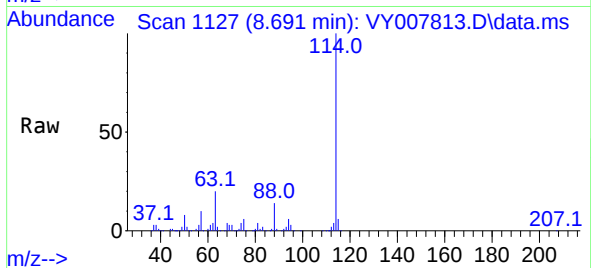
Tgt Ion:114 Resp: 271709

Ion Ratio Lower Upper

114 100

63 20.3 0.0 43.2

88 14.0 0.0 31.8



#35

Dibromofluoromethane

Concen: 54.129 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY007813.D

Acq: 09 Mar 2022 20:37

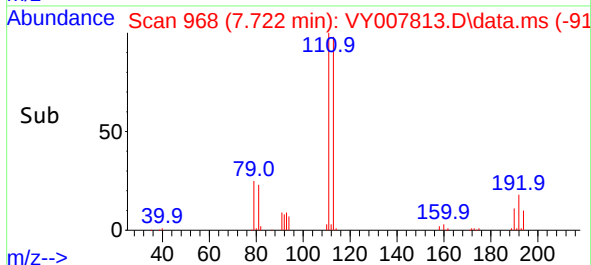
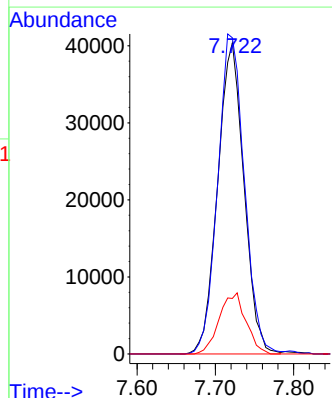
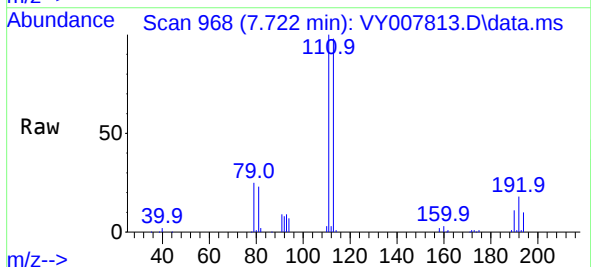
Tgt Ion:113 Resp: 94029

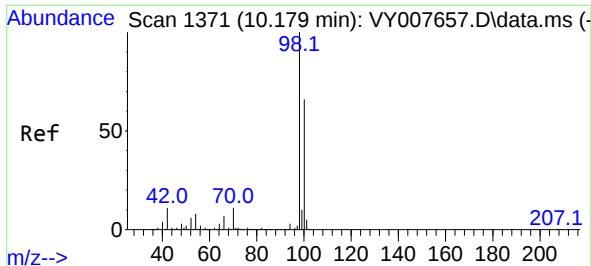
Ion Ratio Lower Upper

113 100

111 104.7 82.6 124.0

192 19.9 17.6 26.4

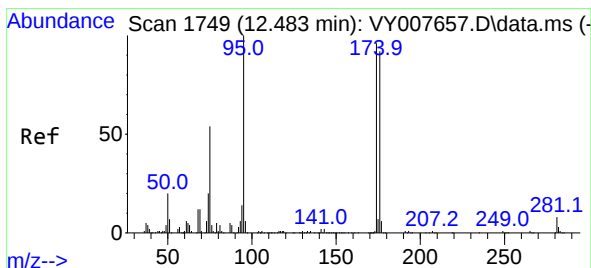
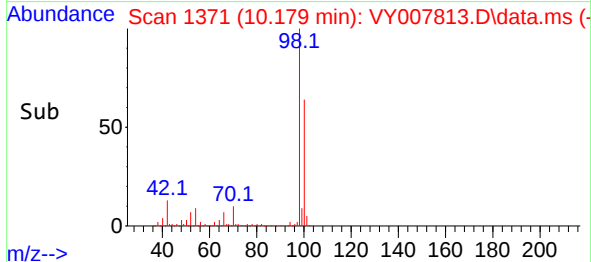
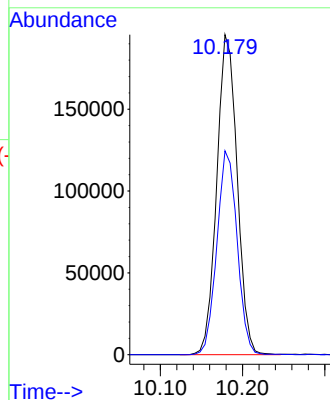
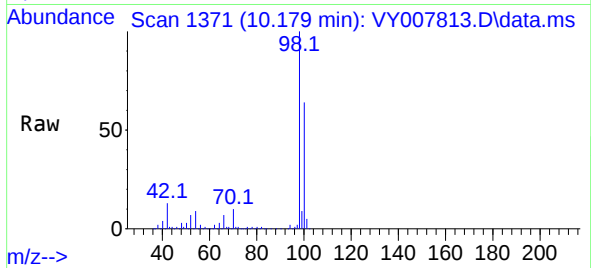




#50
Toluene-d8
Concen: 52.677 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY007813.D
Acq: 09 Mar 2022 20:37

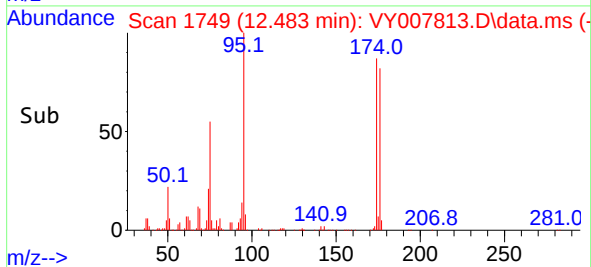
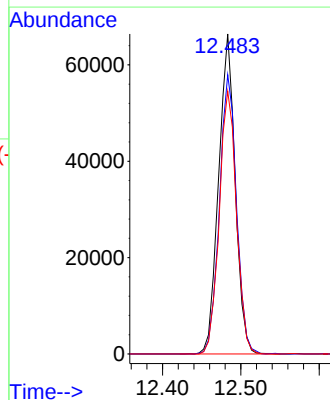
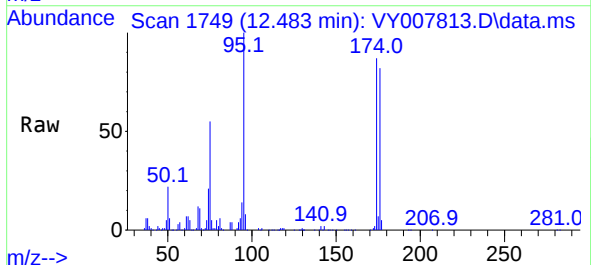
Instrument :
MSVOA_Y
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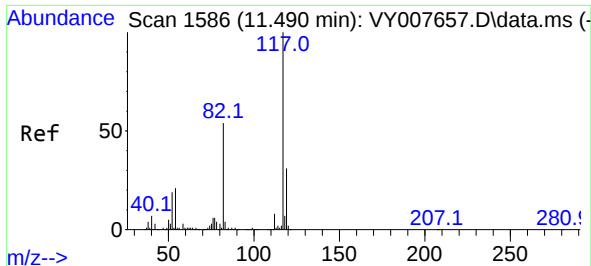
Tgt Ion: 98 Resp: 336842
Ion Ratio Lower Upper
98 100
100 63.3 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 47.511 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007813.D
Acq: 09 Mar 2022 20:37

Tgt Ion: 95 Resp: 97931
Ion Ratio Lower Upper
95 100
174 89.8 0.0 177.0
176 85.0 0.0 175.8

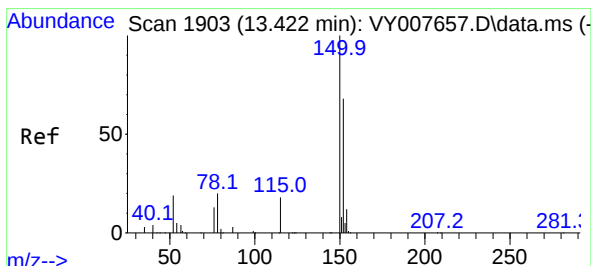
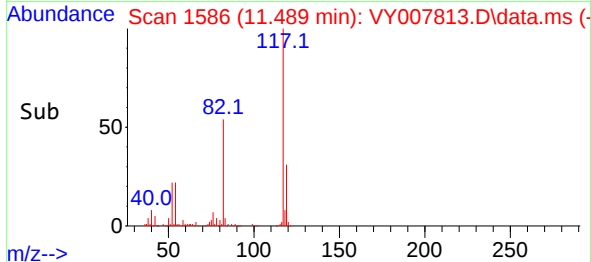
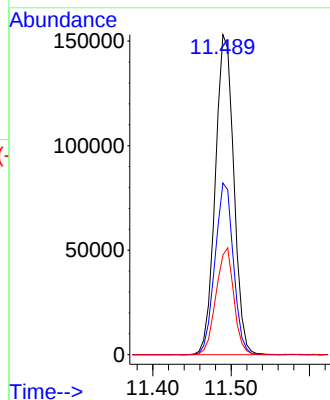
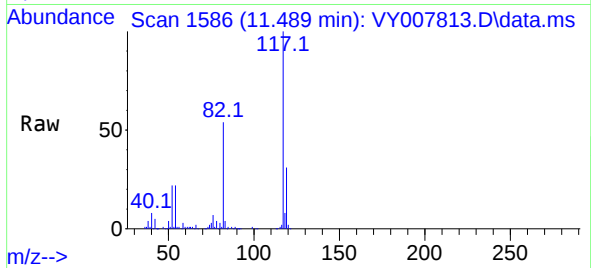




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY007813.D
Acq: 09 Mar 2022 20:37

Instrument :
MSVOA_Y
ClientSampleId :
DUM-31

Tgt Ion:117 Resp: 251593
Ion Ratio Lower Upper
117 100
82 53.7 43.0 64.4
119 31.1 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: VY007813.D
Acq: 09 Mar 2022 20:37

Tgt Ion:152 Resp: 108676
Ion Ratio Lower Upper
152 100
115 54.8 28.2 84.7
150 156.2 0.0 347.6

