

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030722\
 Data File : VY007770.D
 Acq On : 07 Mar 2022 20:38
 Operator : SY/MD
 Sample : N1806-05
 Misc : 5.33g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 DUM-24

Quant Time: Mar 08 03:05:22 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	246398	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	419111	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	384799	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	165777	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	168684	65.393	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	130.780%
35) Dibromofluoromethane	7.716	113	142491	53.178	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.360%
50) Toluene-d8	10.179	98	519807	52.700	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.400%
62) 4-Bromofluorobenzene	12.477	95	152436	47.945	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	95.880%

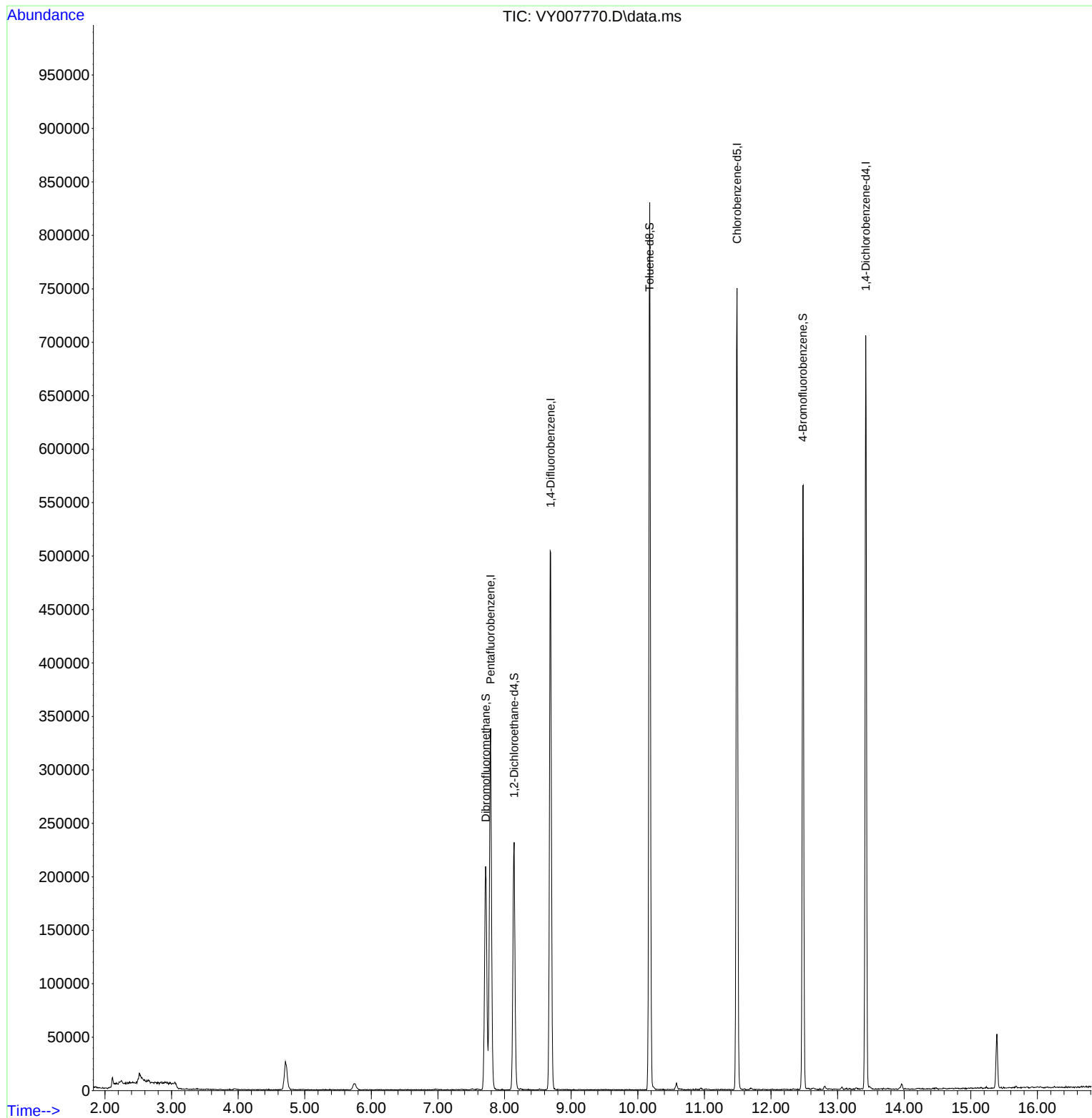
Target Compounds	Qvalue

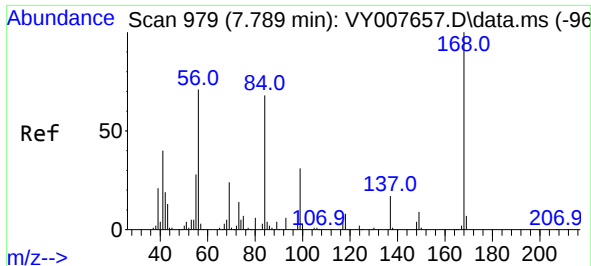
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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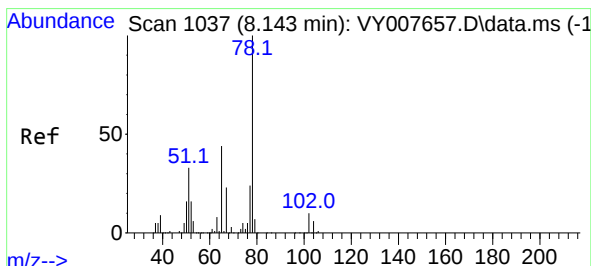
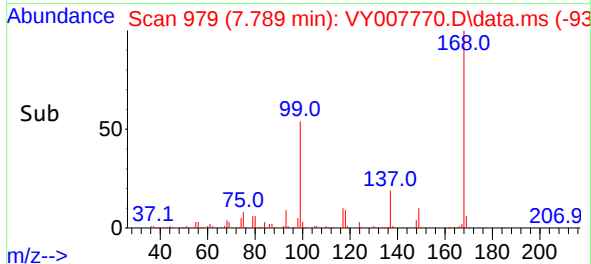
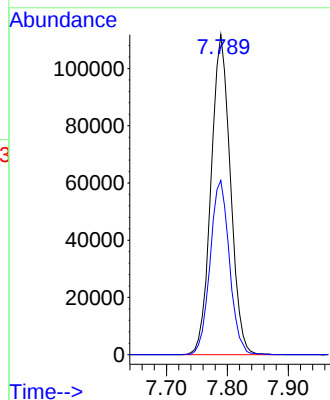
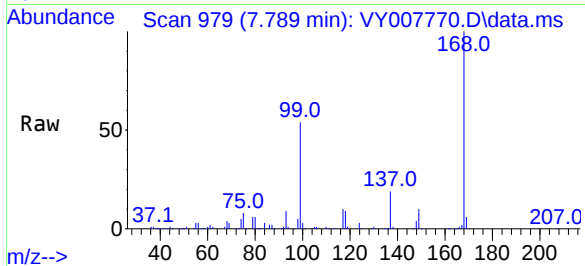




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY007770.D
Acq: 07 Mar 2022 20:38

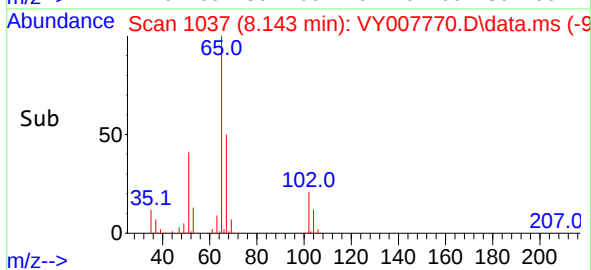
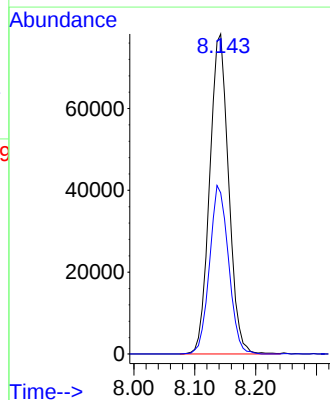
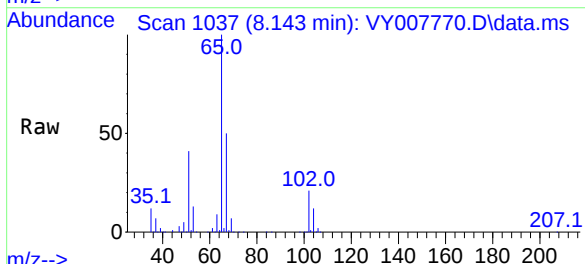
Instrument :
MSVOA_Y
ClientSampleId :
DUM-24

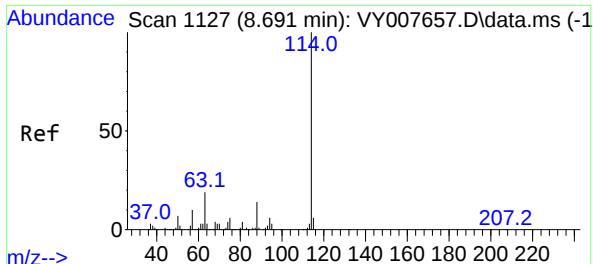
Tgt Ion:168 Resp: 246398
Ion Ratio Lower Upper
168 100
99 54.5 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 65.393 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY007770.D
Acq: 07 Mar 2022 20:38

Tgt Ion: 65 Resp: 168684
Ion Ratio Lower Upper
65 100
67 52.8 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: VY007770.D

Acq: 07 Mar 2022 20:38

Instrument :

MSVOA_Y

ClientSampleId :

DUM-24

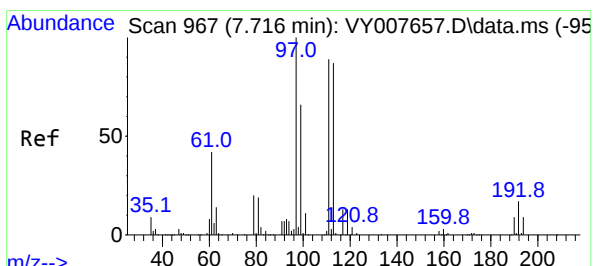
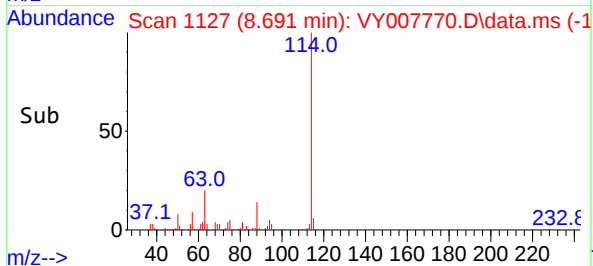
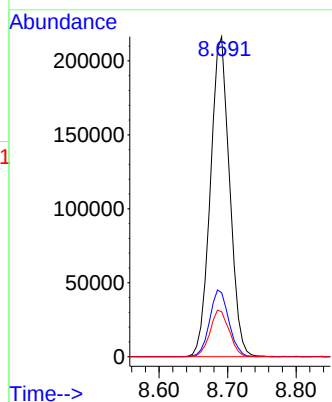
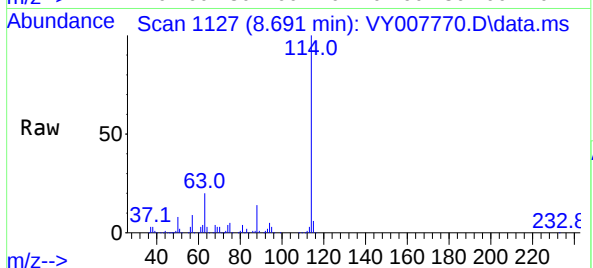
Tgt Ion:114 Resp: 419111

Ion Ratio Lower Upper

114 100

63 20.0 0.0 43.2

88 14.0 0.0 31.8



#35

Dibromofluoromethane

Concen: 53.178 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY007770.D

Acq: 07 Mar 2022 20:38

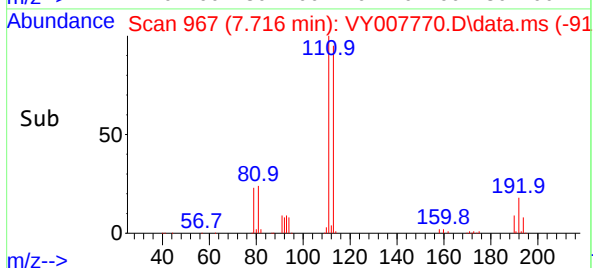
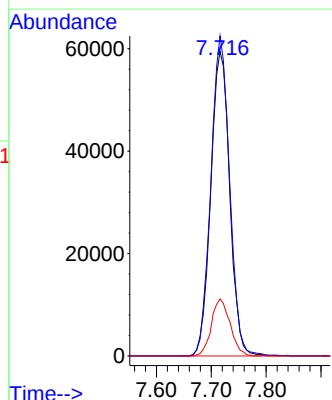
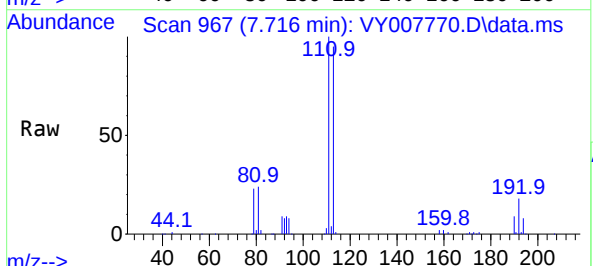
Tgt Ion:113 Resp: 142491

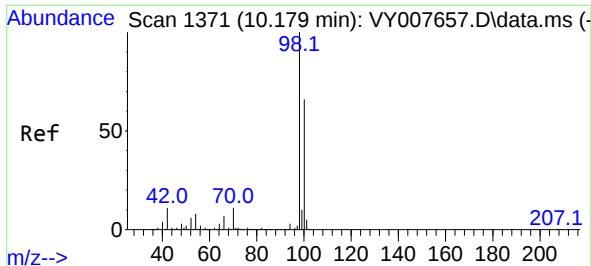
Ion Ratio Lower Upper

113 100

111 104.0 82.6 124.0

192 18.5 17.6 26.4

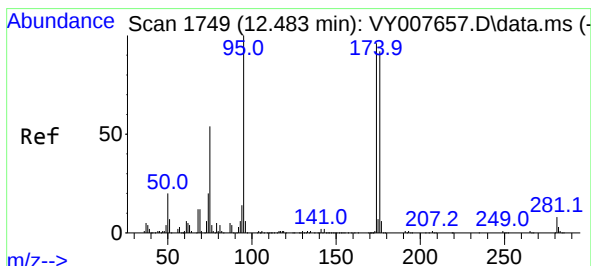
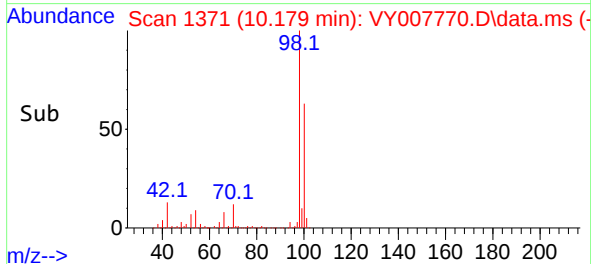
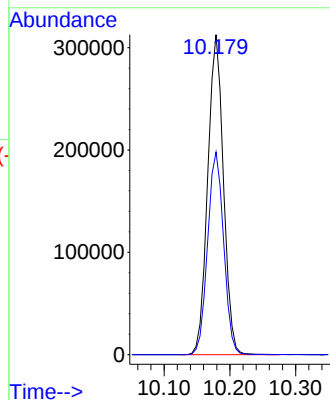
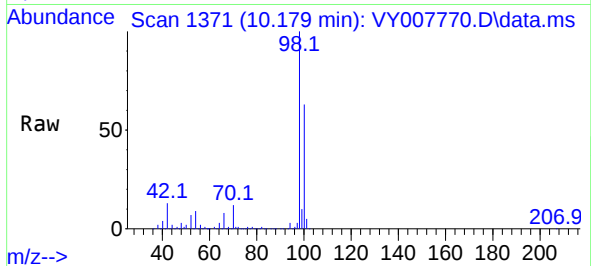




#50
Toluene-d8
Concen: 52.700 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY007770.D
Acq: 07 Mar 2022 20:38

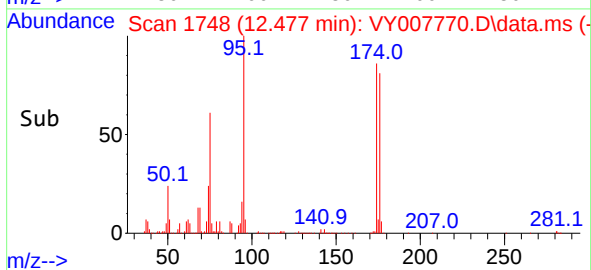
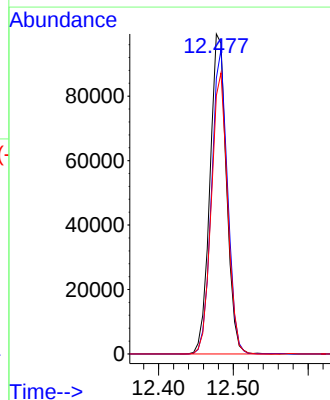
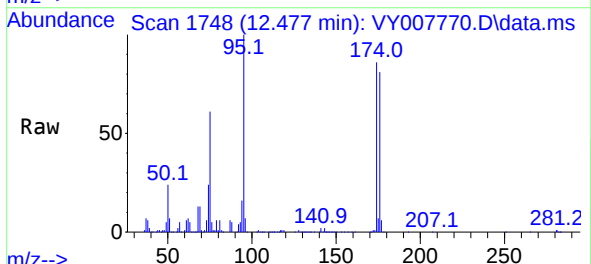
Instrument :
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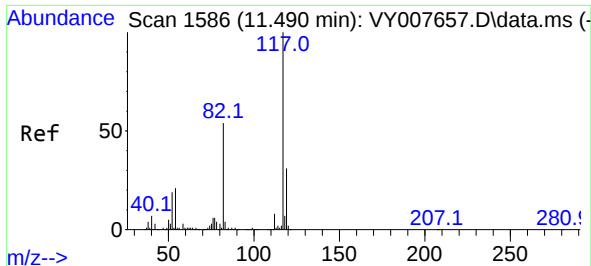
Tgt Ion: 98 Resp: 519807
Ion Ratio Lower Upper
98 100
100 64.6 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 47.945 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY007770.D
Acq: 07 Mar 2022 20:38

Tgt Ion: 95 Resp: 152436
Ion Ratio Lower Upper
95 100
174 91.6 0.0 177.0
176 86.1 0.0 175.8

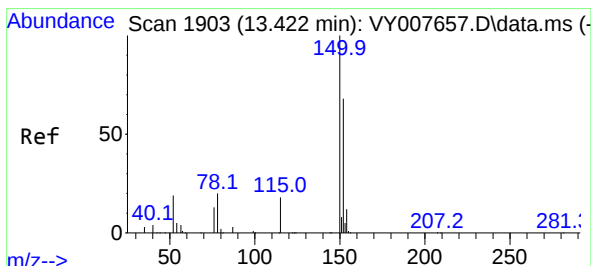
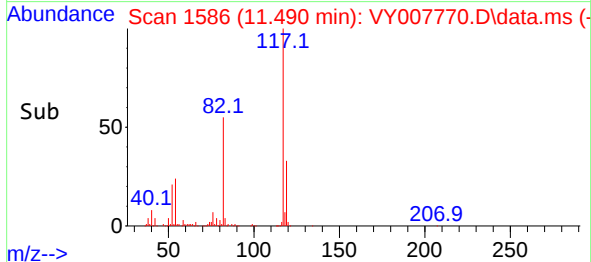
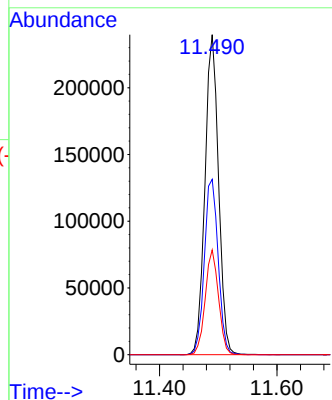
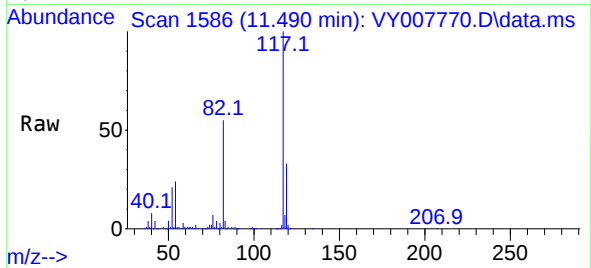




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY007770.D
Acq: 07 Mar 2022 20:38

Instrument :
MSVOA_Y
ClientSampleId :
DUM-24

Tgt Ion:117 Resp: 384799
Ion Ratio Lower Upper
117 100
82 54.8 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: VY007770.D
Acq: 07 Mar 2022 20:38

Tgt Ion:152 Resp: 165777
Ion Ratio Lower Upper
152 100
115 56.9 28.2 84.7
150 158.9 0.0 347.6

