

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031722\
 Data File : VY007885.D
 Acq On : 17 Mar 2022 19:26
 Operator : SY/MD
 Sample : N1864-14RE
 Misc : 5.92g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MB-B1-030922-5-6RE

Quant Time: Mar 18 08:56:47 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	7.795	168	38682	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	61512	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	43565	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	15054	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	15617	35.409	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	70.820%
35) Dibromofluoromethane	7.710	113	16606	38.440	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	76.880%
50) Toluene-d8	10.179	98	69035	53.331	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	106.660%
62) 4-Bromofluorobenzene	12.477	95	18090	29.178	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	58.360%

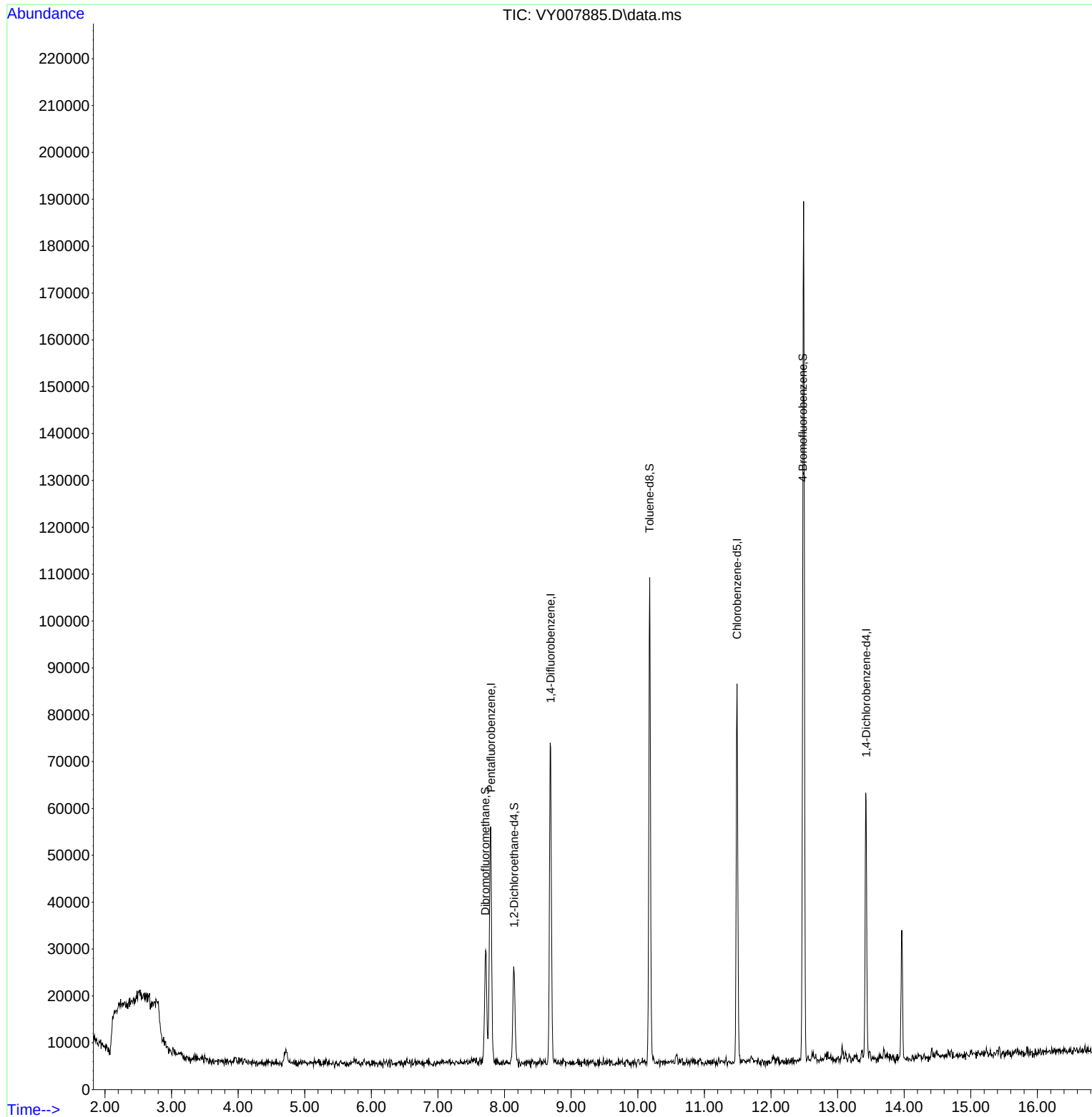
Target Compounds	Qvalue

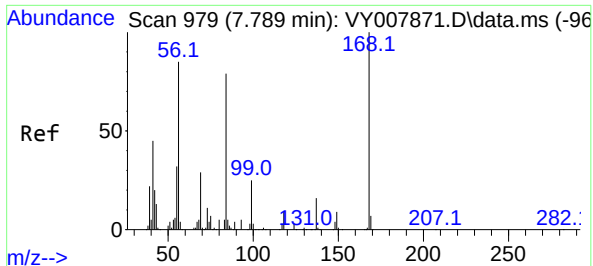
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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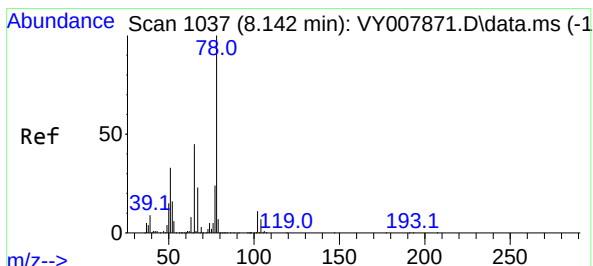
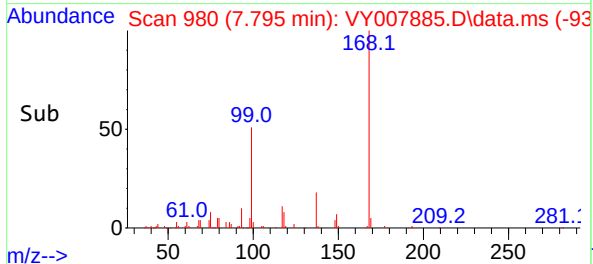
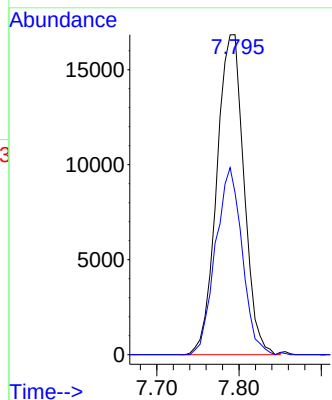
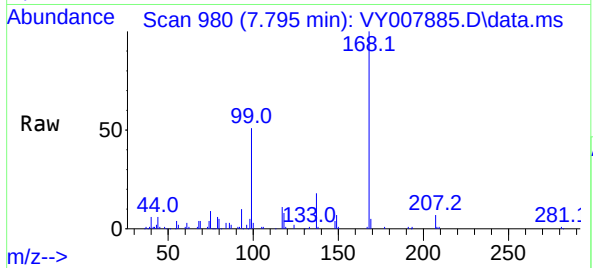




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY007885.D
Acq: 17 Mar 2022 19:26

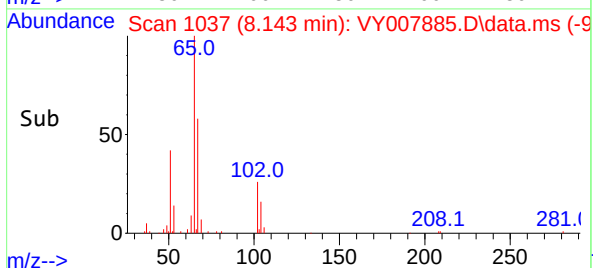
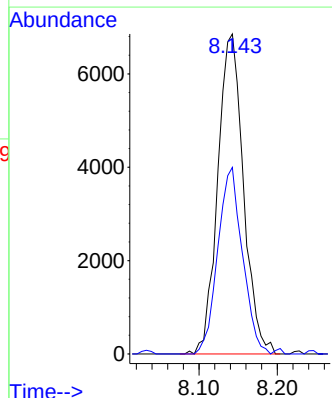
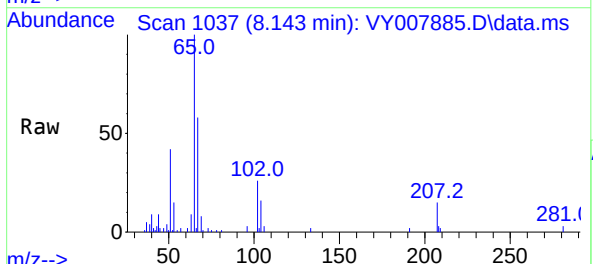
Instrument :
MSVOA_Y
ClientSampleId :
MB-B1-030922-5-6RE

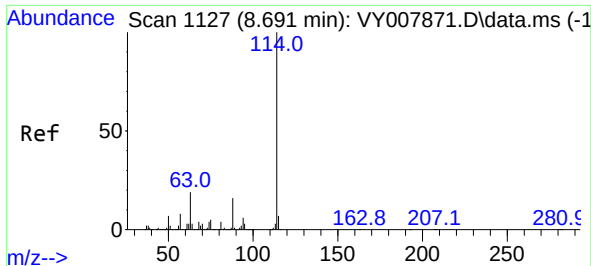
Tgt Ion:168 Resp: 38682
Ion Ratio Lower Upper
168 100
99 50.5 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 35.409 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY007885.D
Acq: 17 Mar 2022 19:26

Tgt Ion: 65 Resp: 15617
Ion Ratio Lower Upper
65 100
67 56.0 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: VY007885.D

Acq: 17 Mar 2022 19:26

Instrument :

MSVOA_Y

ClientSampleId :

MB-B1-030922-5-6RE

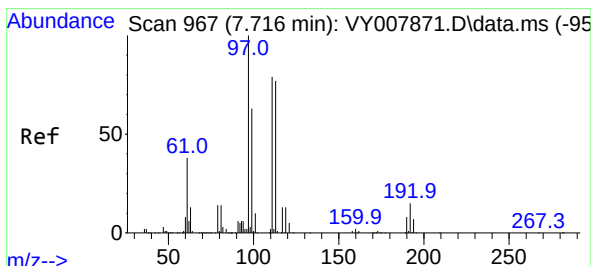
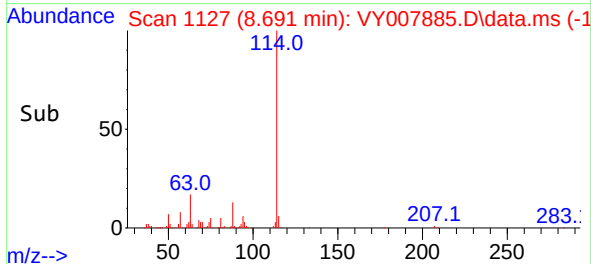
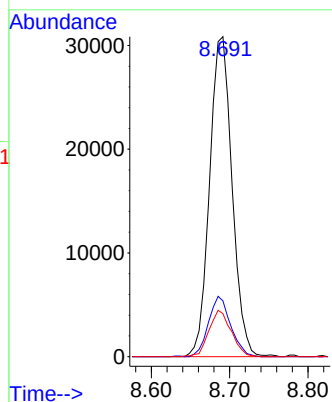
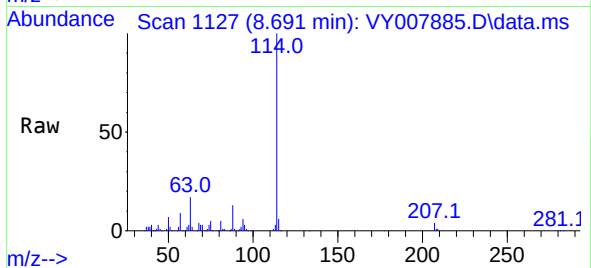
Tgt Ion:114 Resp: 61512

Ion Ratio Lower Upper

114 100

63 17.4 0.0 43.2

88 13.4 0.0 31.8



#35

Dibromofluoromethane

Concen: 38.440 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.006 min

Lab File: VY007885.D

Acq: 17 Mar 2022 19:26

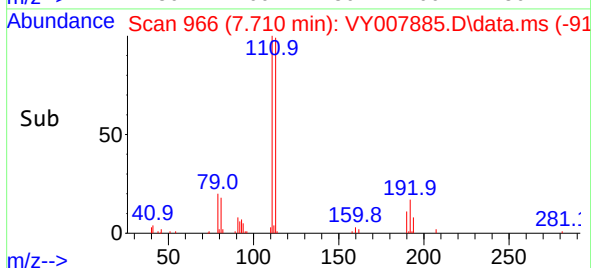
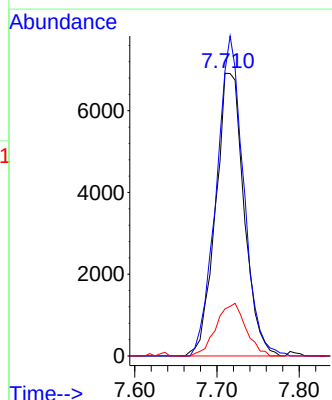
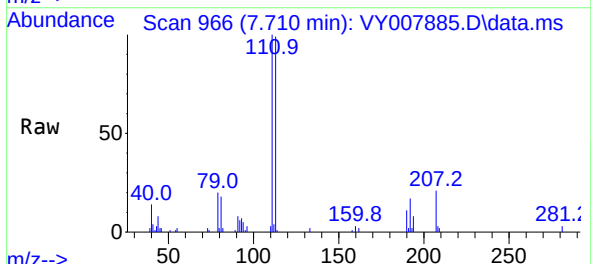
Tgt Ion:113 Resp: 16606

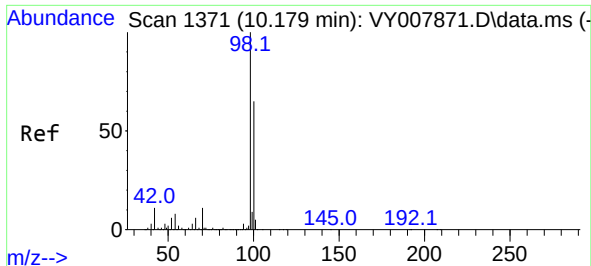
Ion Ratio Lower Upper

113 100

111 108.5 82.6 124.0

192 19.4 17.6 26.4

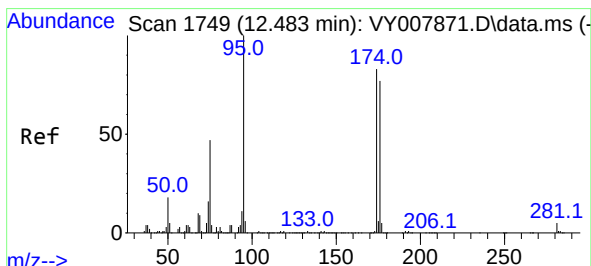
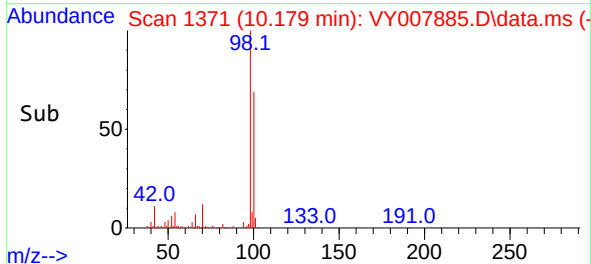
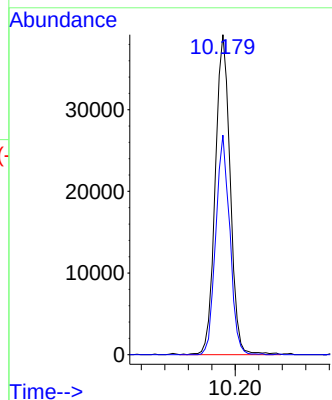
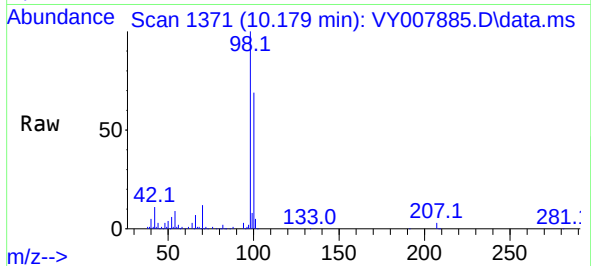




#50
Toluene-d8
Concen: 53.331 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY007885.D
Acq: 17 Mar 2022 19:26

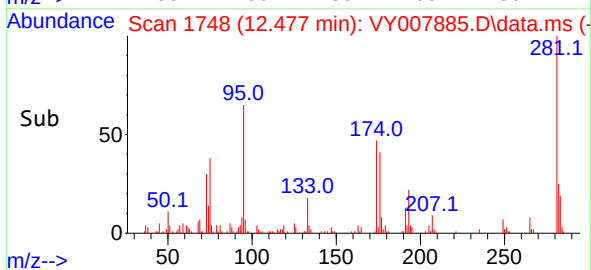
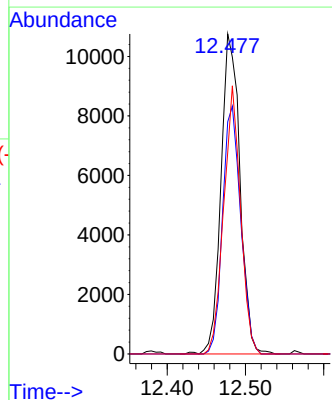
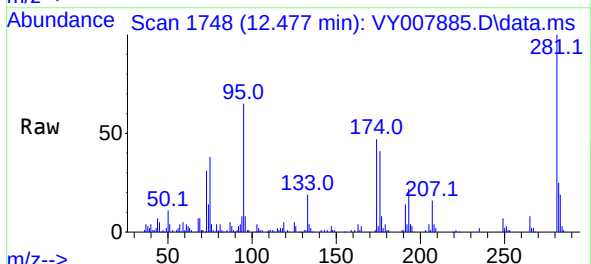
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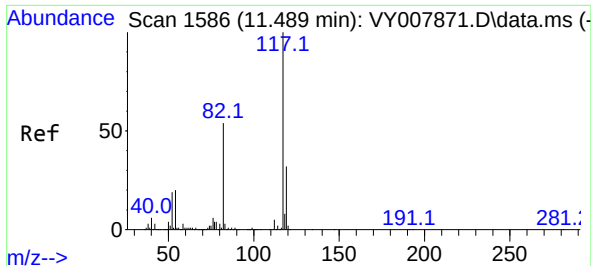
Tgt Ion: 98 Resp: 69035
Ion Ratio Lower Upper
98 100
100 64.5 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 29.178 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY007885.D
Acq: 17 Mar 2022 19:26

Tgt Ion: 95 Resp: 18090
Ion Ratio Lower Upper
95 100
174 74.2 0.0 177.0
176 74.5 0.0 175.8

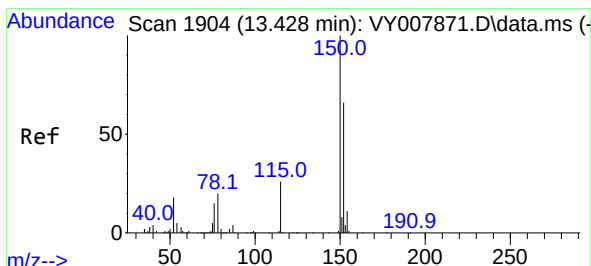
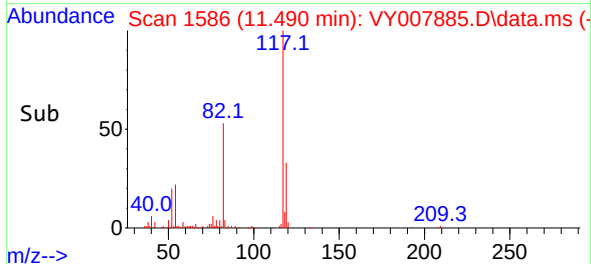
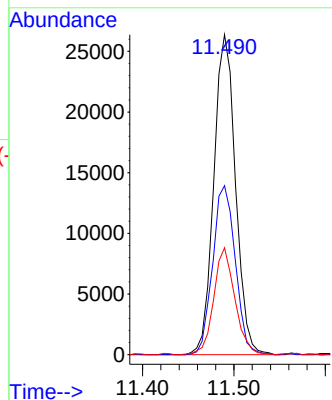
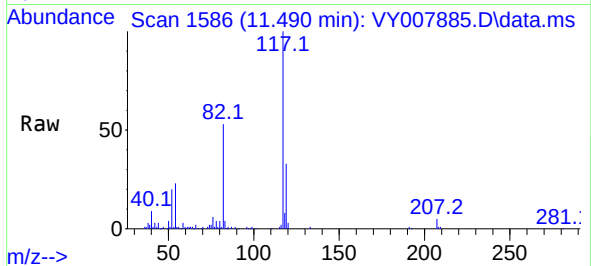




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY007885.D
Acq: 17 Mar 2022 19:26

Instrument :
MSVOA_Y
ClientSampleId :
MB-B1-030922-5-6RE

Tgt Ion:117	Resp:	43565
Ion	Ratio	Lower Upper
117	100	
82	52.8	43.0 64.4
119	33.4	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: VY007885.D
Acq: 17 Mar 2022 19:26

Tgt Ion:152	Resp:	15054
Ion	Ratio	Lower Upper
152	100	
115	60.9	28.2 84.7
150	149.2	0.0 347.6

