

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031822\
 Data File : VY007919.D
 Acq On : 18 Mar 2022 22:56
 Operator : SY/MD
 Sample : VY0318SBL02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0318SBL02

Quant Time: Mar 19 01:40:17 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	7.789	168	267364	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	498753	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	455612	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	196074	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	166744	54.698	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	109.400%
35) Dibromofluoromethane	7.716	113	154861	44.212	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	88.420%
50) Toluene-d8	10.179	98	604384	58.097	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	116.200%
62) 4-Bromofluorobenzene	12.483	95	210797	41.933	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	83.860%

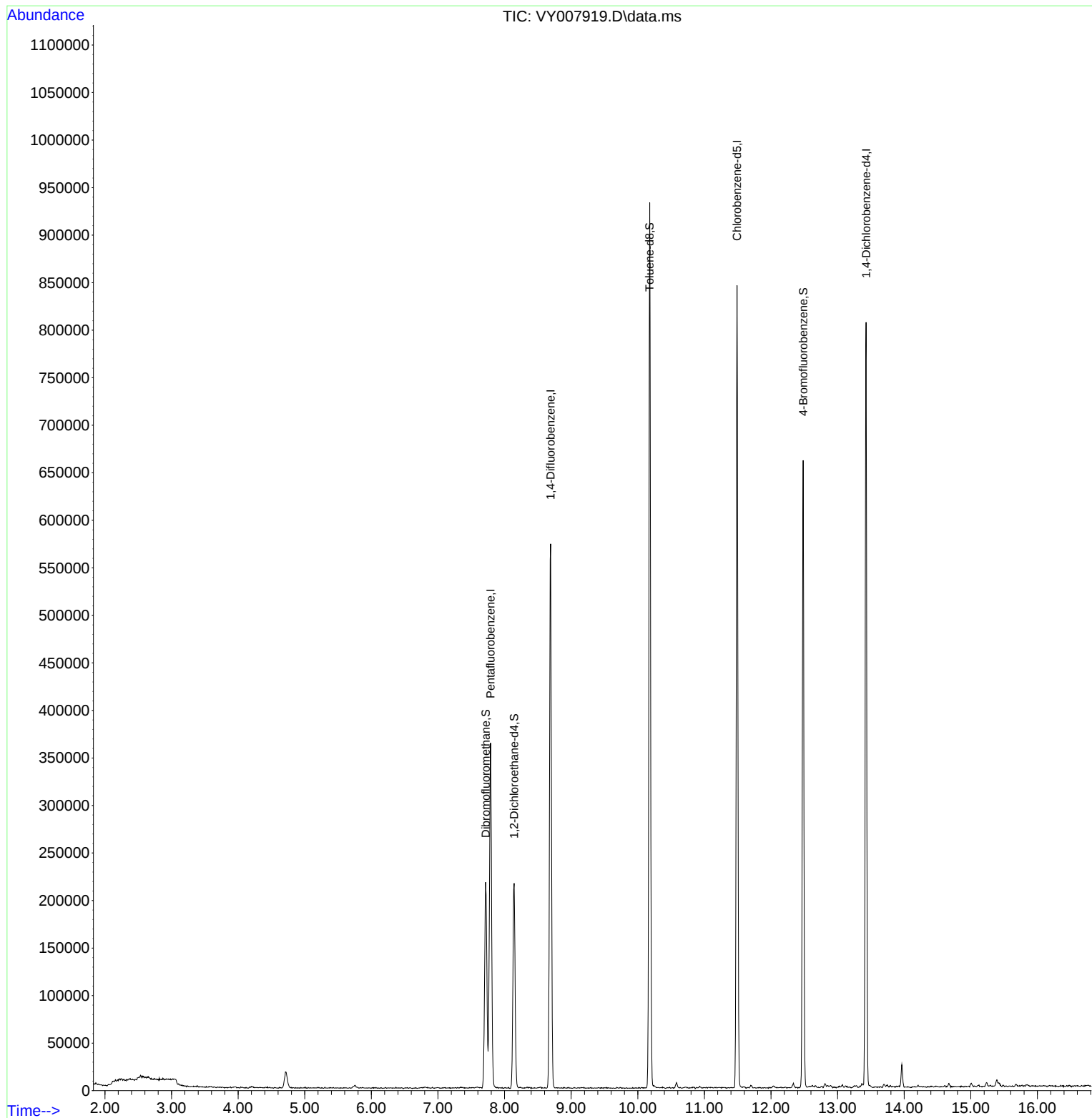
Target Compounds	Qvalue

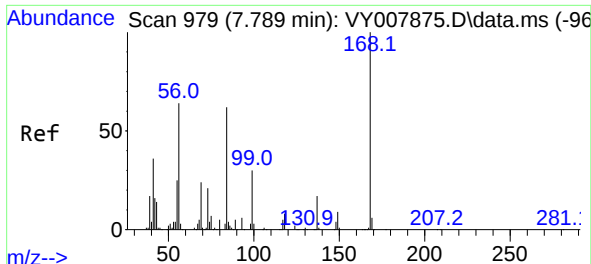
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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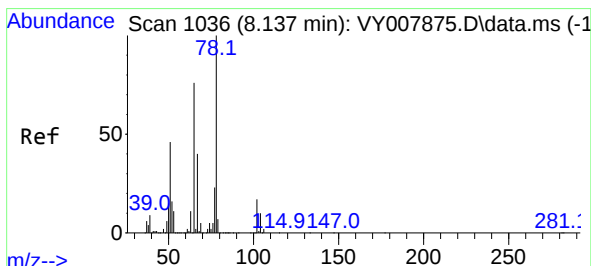
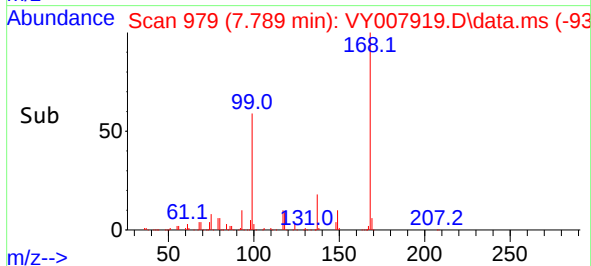
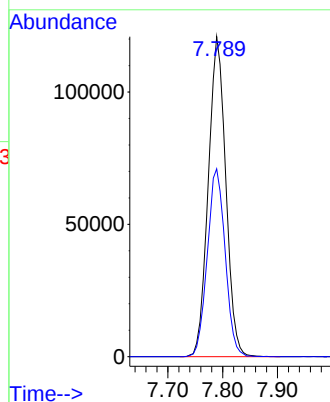
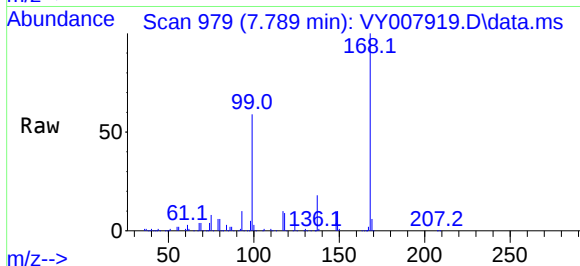




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY007919.D
Acq: 18 Mar 2022 22:56

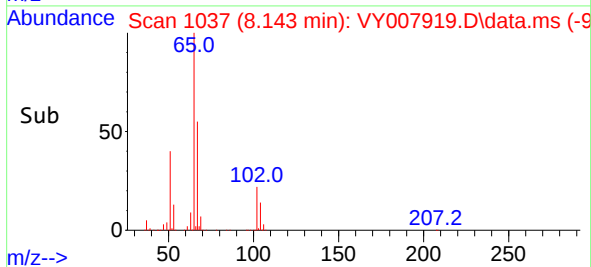
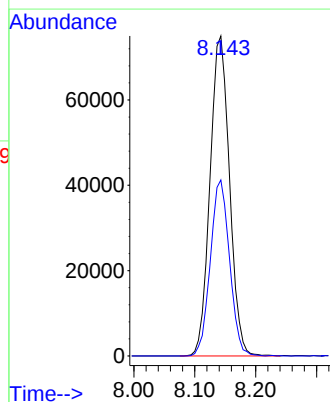
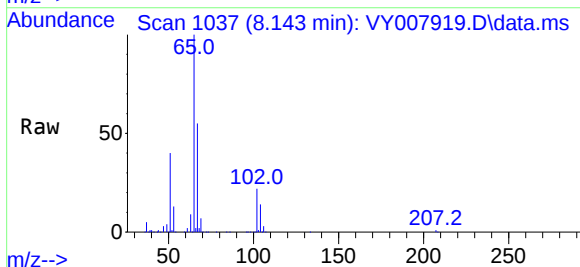
Instrument :
MSVOA_Y
ClientSampleId :
VY0318SBL02

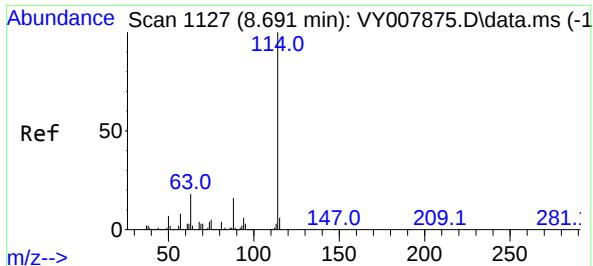
Tgt Ion:168 Resp: 267364
Ion Ratio Lower Upper
168 100
99 58.7 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 54.698 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY007919.D
Acq: 18 Mar 2022 22:56

Tgt Ion: 65 Resp: 166744
Ion Ratio Lower Upper
65 100
67 54.1 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: VY007919.D

Acq: 18 Mar 2022 22:56

Instrument :

MSVOA_Y

ClientSampleId :

VY0318SBL02

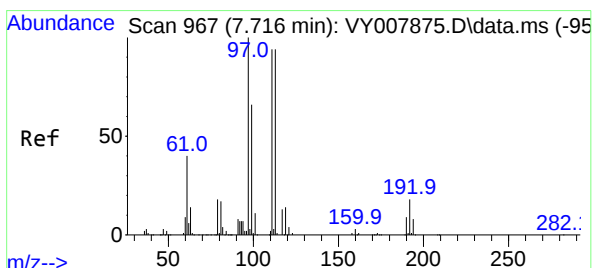
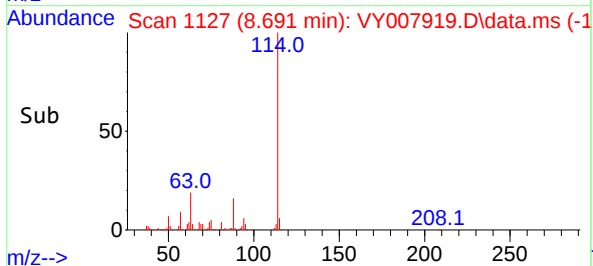
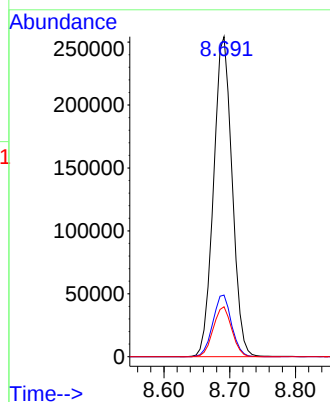
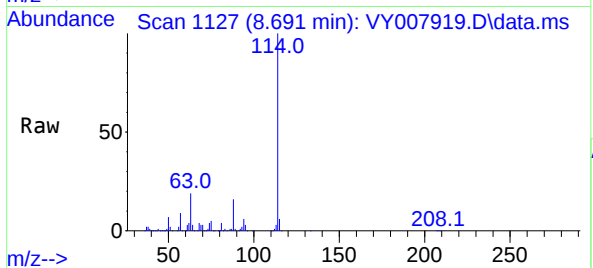
Tgt Ion:114 Resp: 498753

Ion Ratio Lower Upper

114 100

63 19.3 0.0 43.2

88 15.6 0.0 31.8



#35

Dibromofluoromethane

Concen: 44.212 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY007919.D

Acq: 18 Mar 2022 22:56

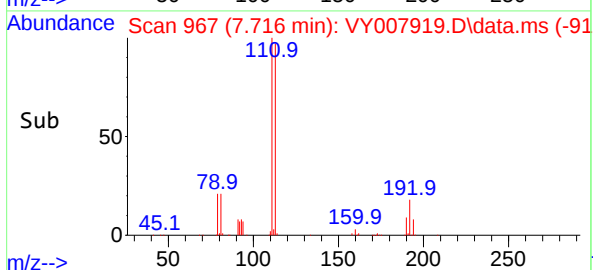
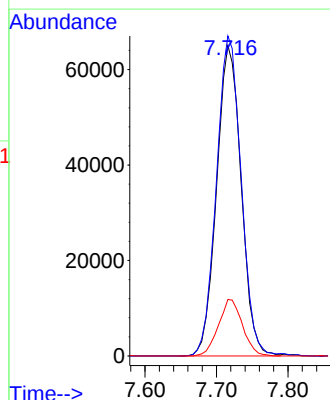
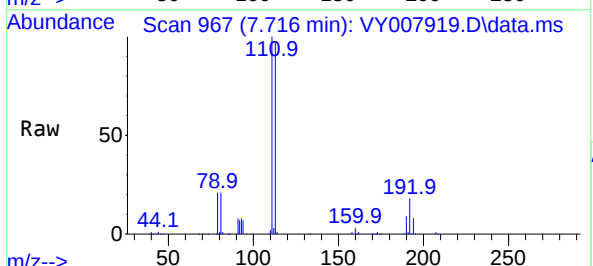
Tgt Ion:113 Resp: 154861

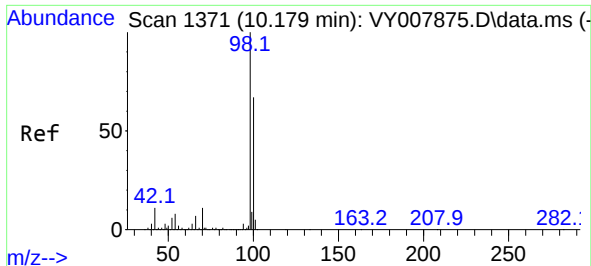
Ion Ratio Lower Upper

113 100

111 104.0 82.6 124.0

192 17.9 17.6 26.4

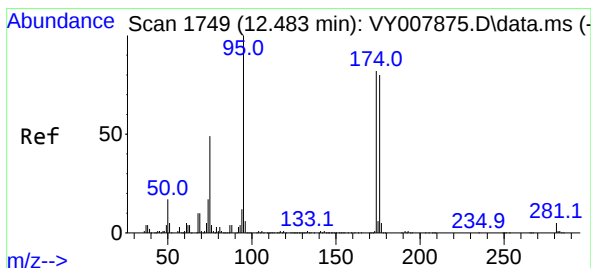
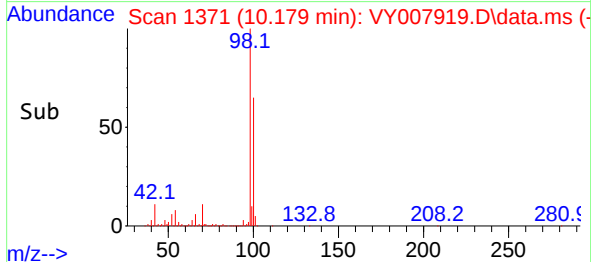
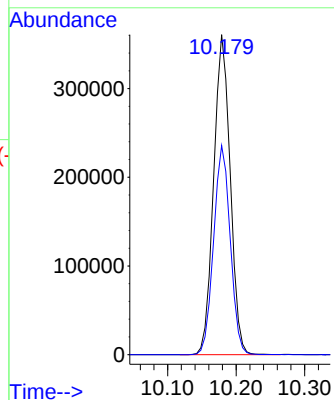
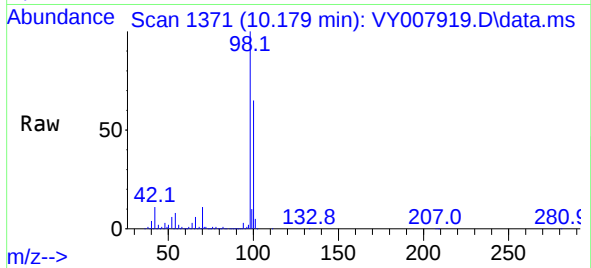




#50
Toluene-d8
Concen: 58.097 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY007919.D
Acq: 18 Mar 2022 22:56

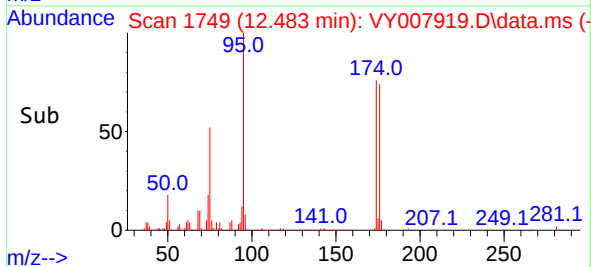
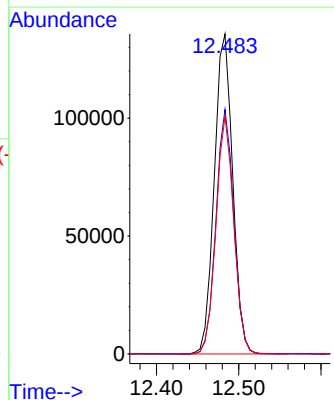
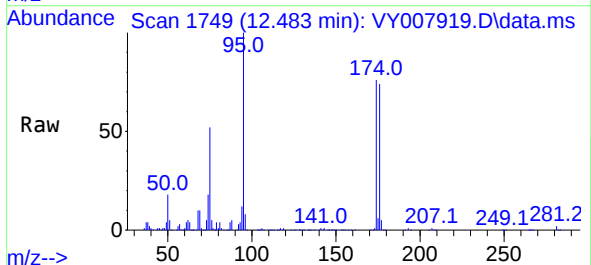
Instrument :
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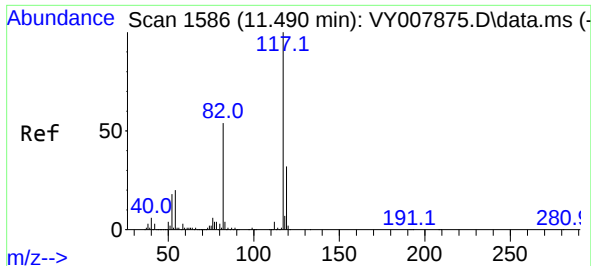
Tgt Ion: 98 Resp: 604384
Ion Ratio Lower Upper
98 100
100 65.6 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 41.933 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY007919.D
Acq: 18 Mar 2022 22:56

Tgt Ion: 95 Resp: 210797
Ion Ratio Lower Upper
95 100
174 74.4 0.0 177.0
176 71.6 0.0 175.8

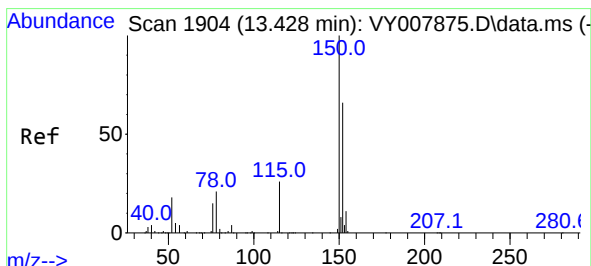
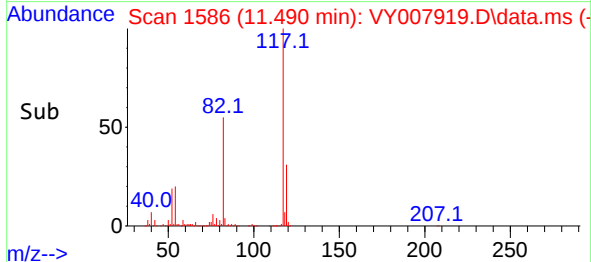
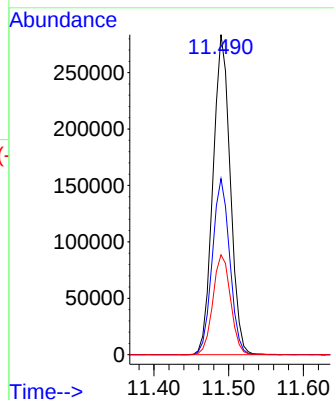
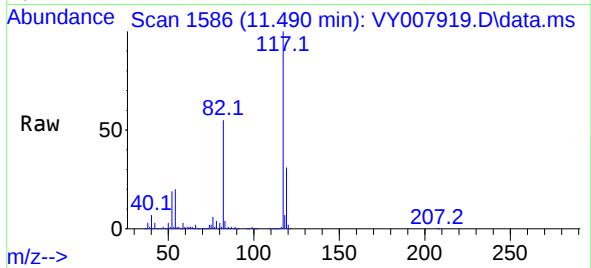




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY007919.D
Acq: 18 Mar 2022 22:56

Instrument :
MSVOA_Y
ClientSampleId :
VY0318SBL02

Tgt Ion:117 Resp: 455612
Ion Ratio Lower Upper
117 100
82 55.0 43.0 64.4
119 31.2 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: VY007919.D
Acq: 18 Mar 2022 22:56

Tgt Ion:152 Resp: 196074
Ion Ratio Lower Upper
152 100
115 62.4 28.2 84.7
150 156.9 0.0 347.6

