

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062322\
 Data File : VY009300.D
 Acq On : 23 Jun 2022 17:31
 Operator : KP/MD
 Sample : N3462-05
 Misc : 4.50g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-6-4-6-20220622

Quant Time: Jun 24 09:24:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062122S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 21 14:08:27 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.789	168	184969	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	329277	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	303431	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	133471	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	113596	55.919	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.840%
35) Dibromofluoromethane	7.716	113	100996	47.361	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.720%
50) Toluene-d8	10.179	98	386535	47.185	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	94.380%
62) 4-Bromofluorobenzene	12.477	95	127502	44.294	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	88.580%

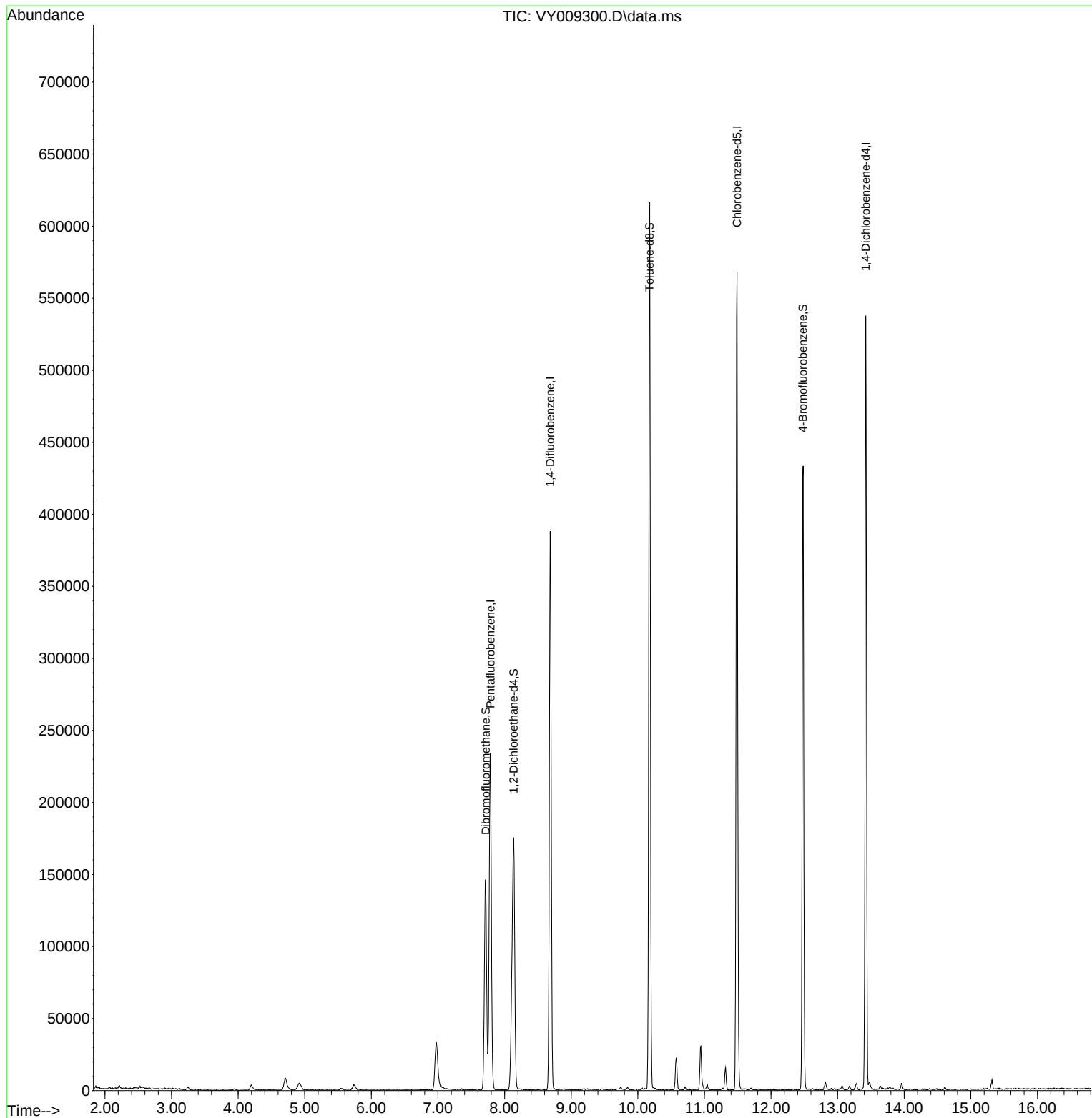
Target Compounds	Qvalue

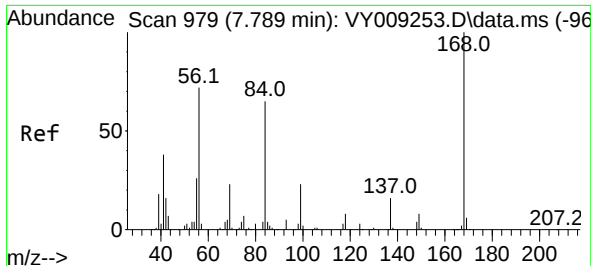
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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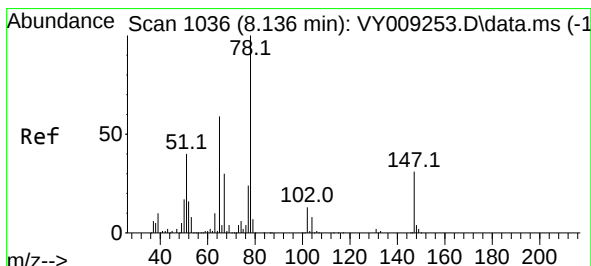
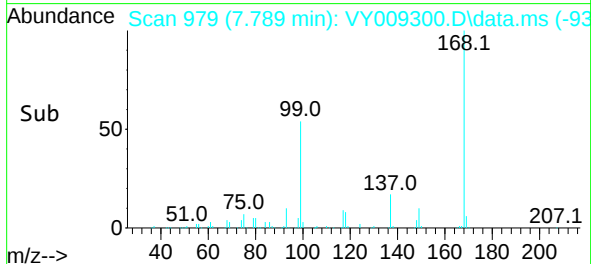
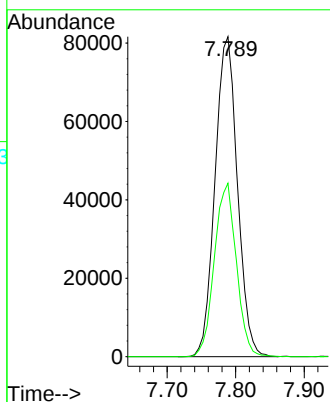
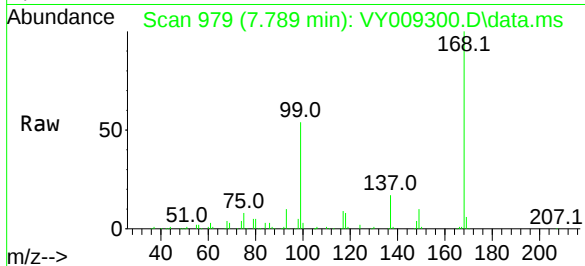




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009300.D
Acq: 23 Jun 2022 17:31

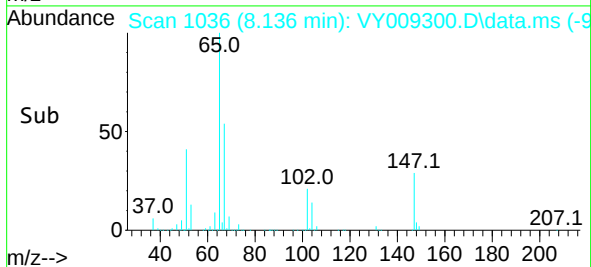
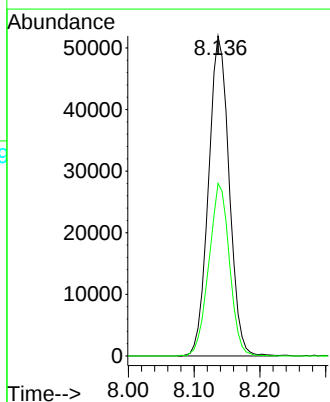
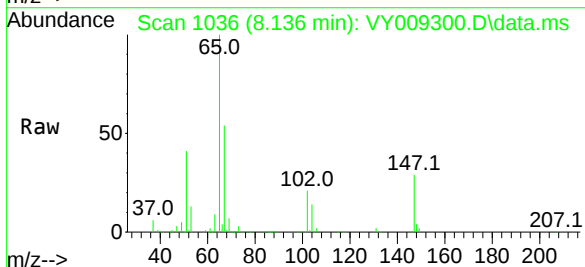
Instrument :
MSVOA_Y
ClientSampleId :
SB-6-4-6-20220622

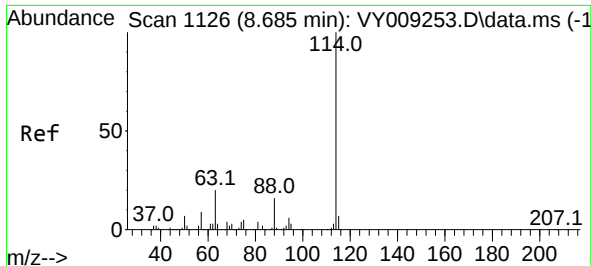
Tgt Ion:168 Resp: 184969
Ion Ratio Lower Upper
168 100
99 54.2 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 55.919 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY009300.D
Acq: 23 Jun 2022 17:31

Tgt Ion: 65 Resp: 113596
Ion Ratio Lower Upper
65 100
67 53.8 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VY009300.D

Acq: 23 Jun 2022 17:31

Instrument :

MSVOA_Y

ClientSampleId :

SB-6-4-6-20220622

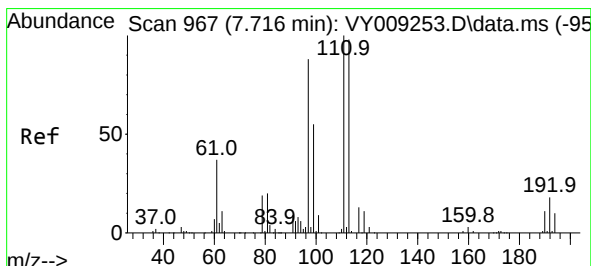
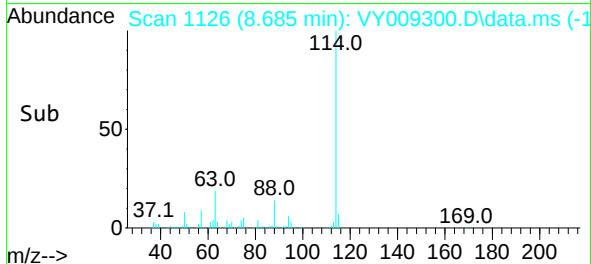
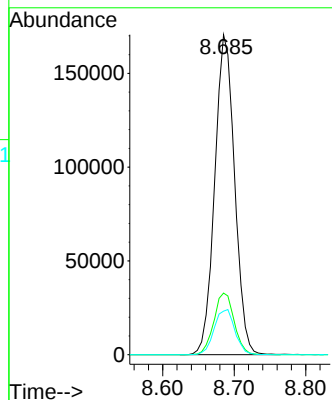
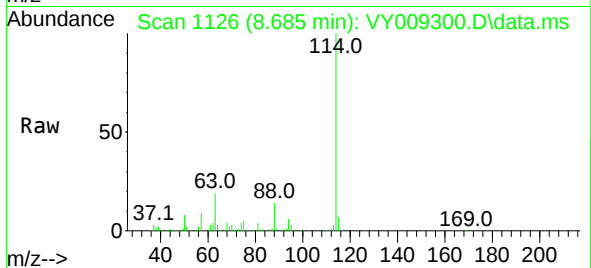
Tgt Ion:114 Resp: 329277

Ion Ratio Lower Upper

114 100

63 19.3 0.0 43.2

88 13.6 0.0 31.8



#35

Dibromofluoromethane

Concen: 47.361 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY009300.D

Acq: 23 Jun 2022 17:31

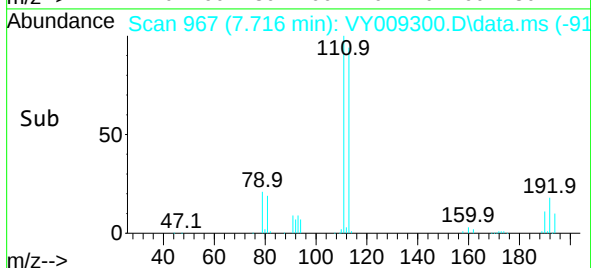
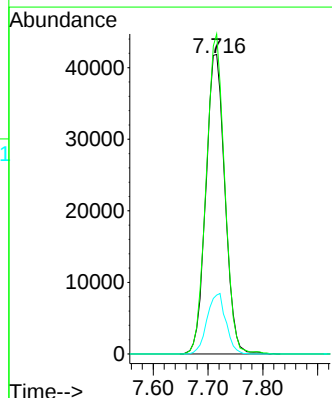
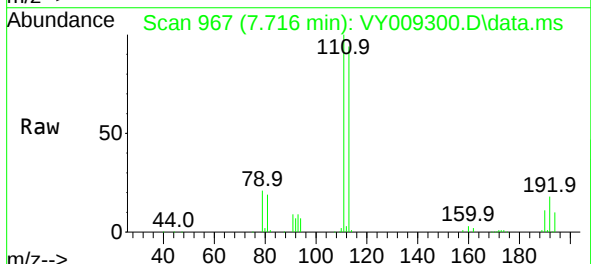
Tgt Ion:113 Resp: 100996

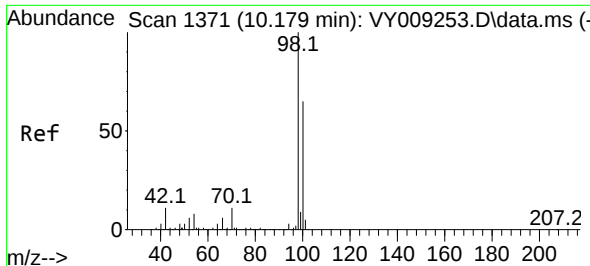
Ion Ratio Lower Upper

113 100

111 103.2 82.6 124.0

192 19.8 17.6 26.4

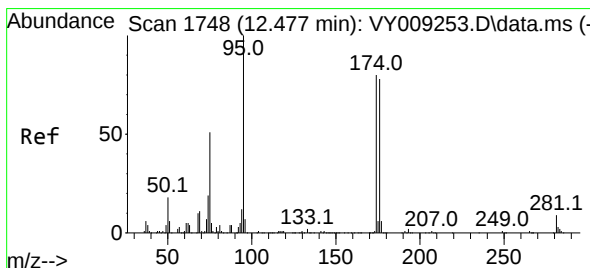
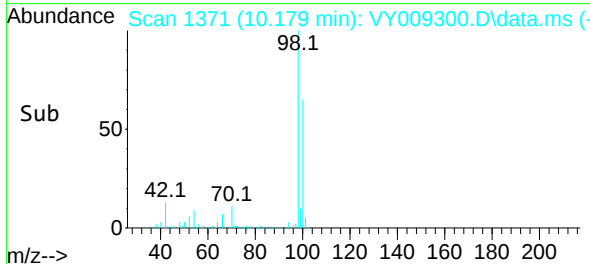
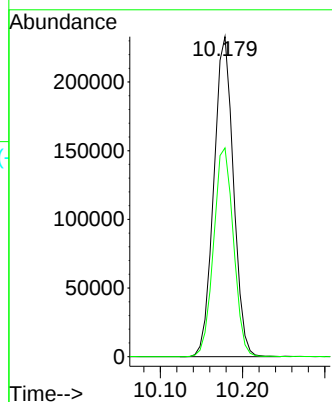
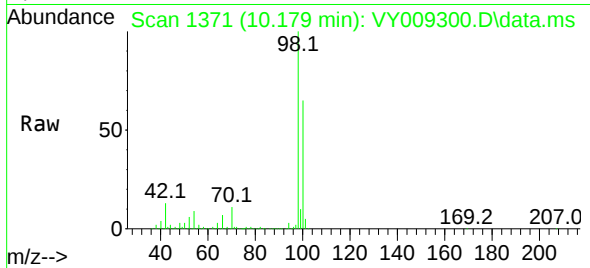




#50
Toluene-d8
Concen: 47.185 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY009300.D
Acq: 23 Jun 2022 17:31

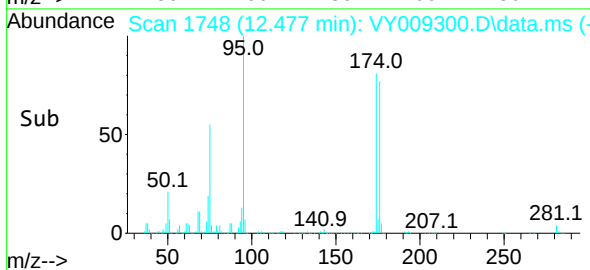
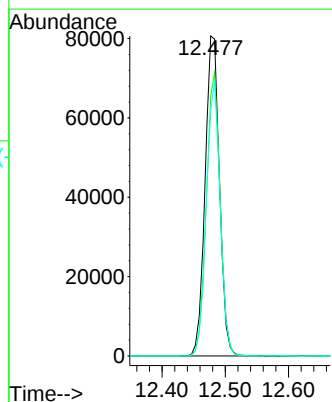
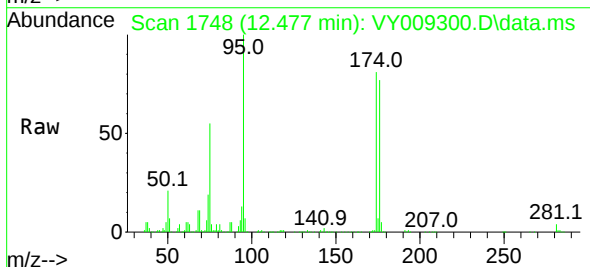
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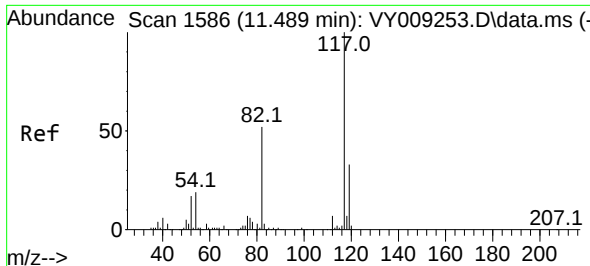
Tgt Ion: 98 Resp: 386535
Ion Ratio Lower Upper
98 100
100 66.2 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 44.294 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY009300.D
Acq: 23 Jun 2022 17:31

Tgt Ion: 95 Resp: 127502
Ion Ratio Lower Upper
95 100
174 85.8 0.0 177.0
176 82.4 0.0 175.8

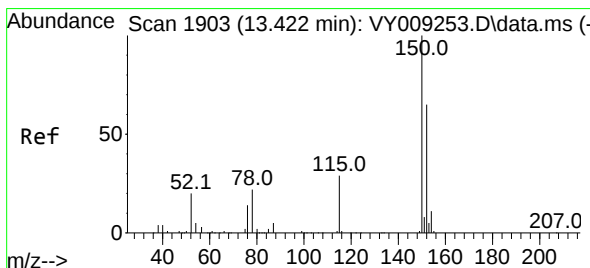
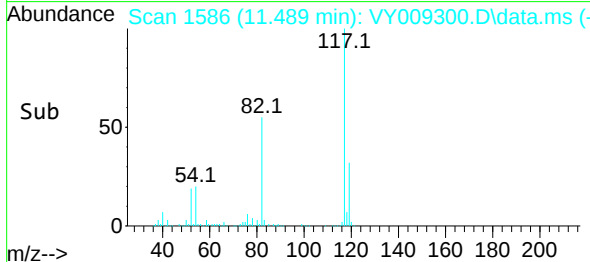
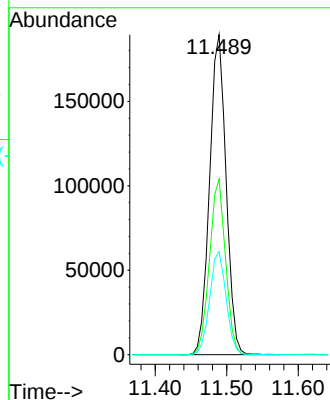
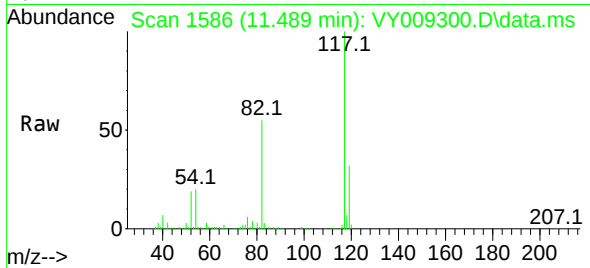




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009300.D
Acq: 23 Jun 2022 17:31

Instrument :
MSVOA_Y
ClientSampleId :
SB-6-4-6-20220622

Tgt Ion:117 Resp: 303431
Ion Ratio Lower Upper
117 100
82 54.9 43.0 64.4
119 32.2 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: VY009300.D
Acq: 23 Jun 2022 17:31

Tgt Ion:152 Resp: 133471
Ion Ratio Lower Upper
152 100
115 55.6 28.2 84.7
150 156.1 0.0 347.6

