

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080823\
 Data File : VY014989.D
 Acq On : 08 Aug 2023 16:46
 Operator : SY/MD
 Sample : 03920-01
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OR-3-080723

Quant Time: Aug 09 01:02:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080723S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 08 07:44:56 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	197732	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	361502	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	354895	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	170457	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	136765	57.067	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.140%
35) Dibromofluoromethane	7.716	113	115178	49.823	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.640%
50) Toluene-d8	10.179	98	434368	49.366	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.740%
62) 4-Bromofluorobenzene	12.477	95	158759	50.908	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	101.820%

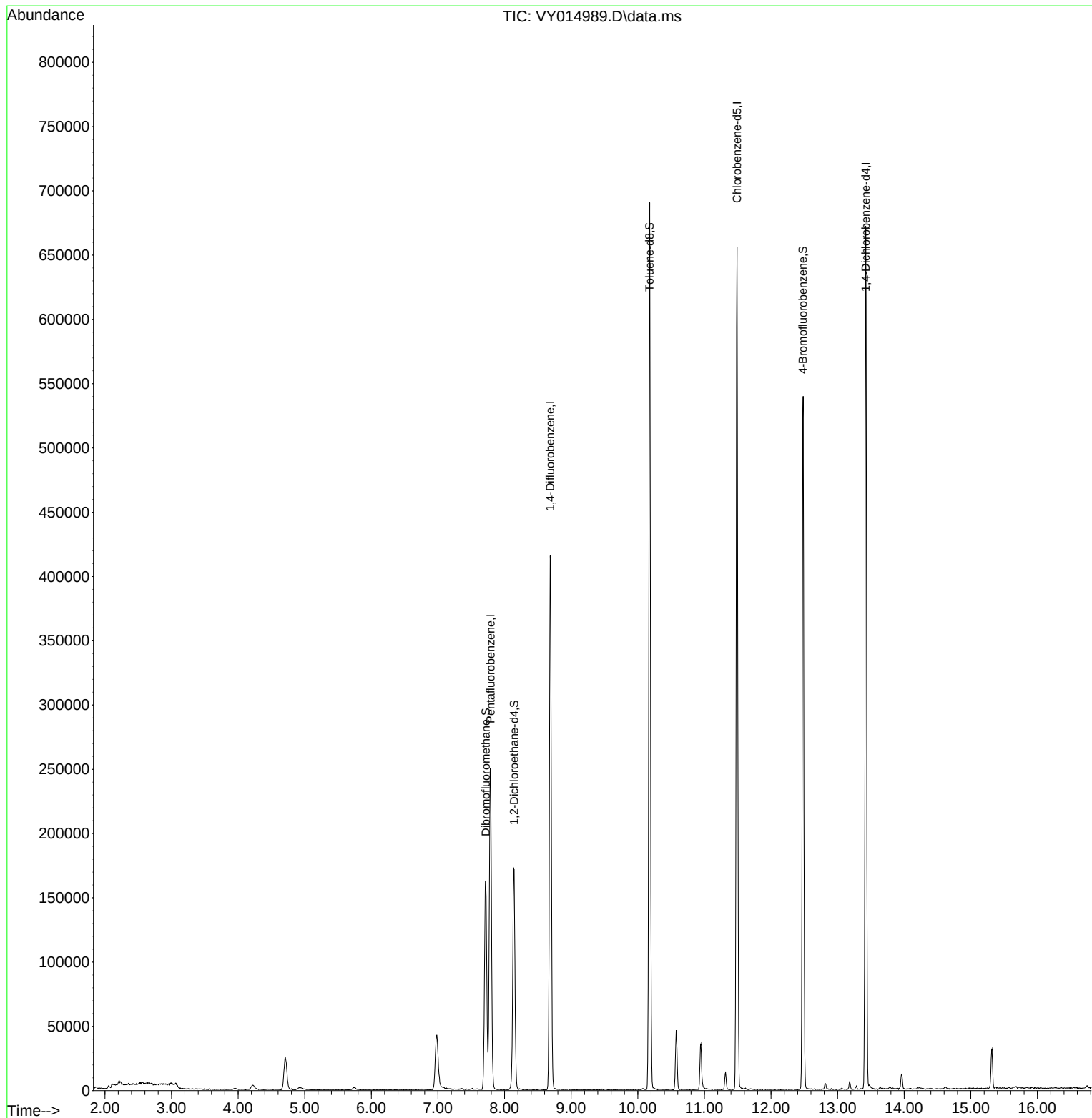
Target Compounds	Qvalue

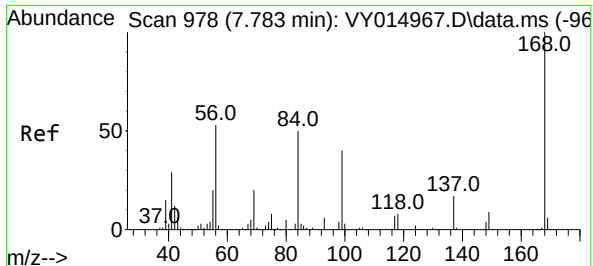
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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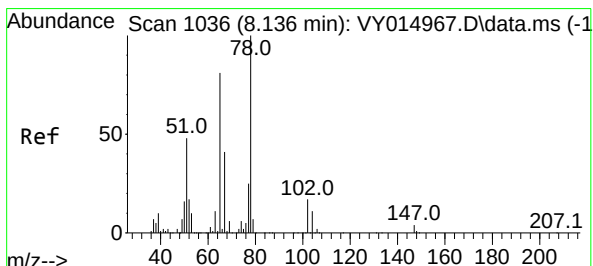
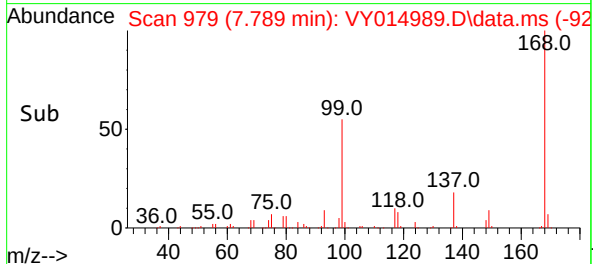
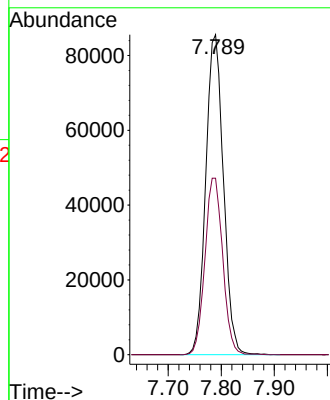
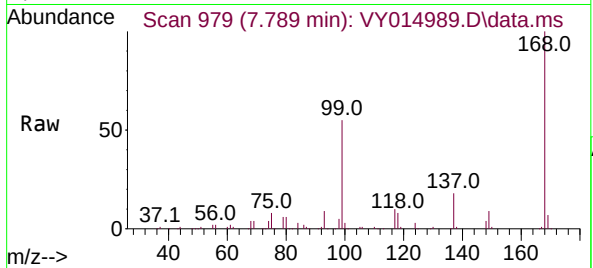




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY014989.D
Acq: 08 Aug 2023 16:46

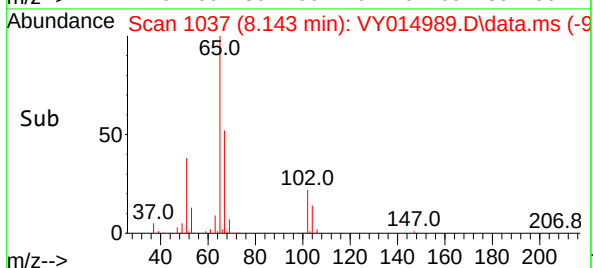
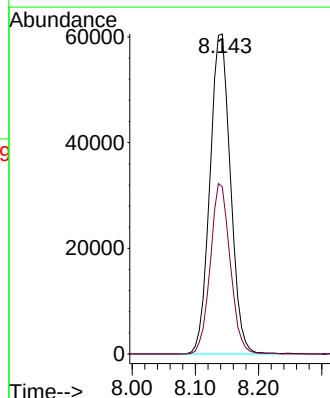
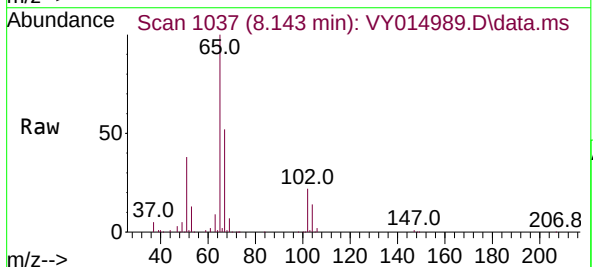
Instrument :
MSVOA_Y
ClientSampleId :
OR-3-080723

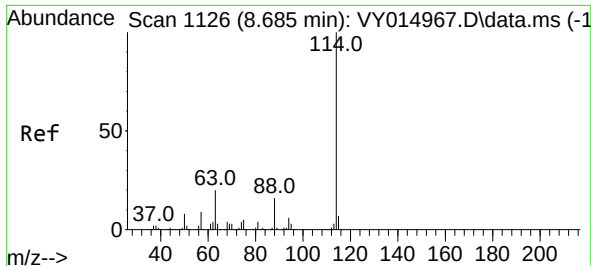
Tgt Ion:168 Resp: 197732
Ion Ratio Lower Upper
168 100
99 55.2 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 57.067 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY014989.D
Acq: 08 Aug 2023 16:46

Tgt Ion: 65 Resp: 136765
Ion Ratio Lower Upper
65 100
67 51.5 0.0 101.8

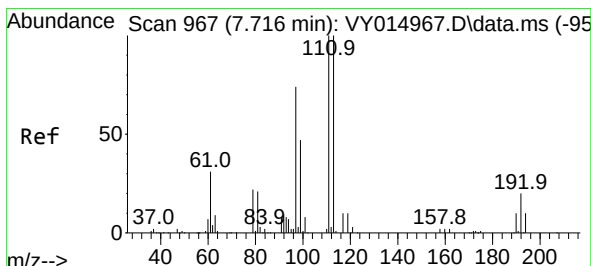
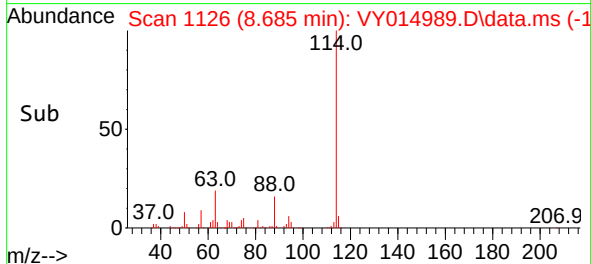
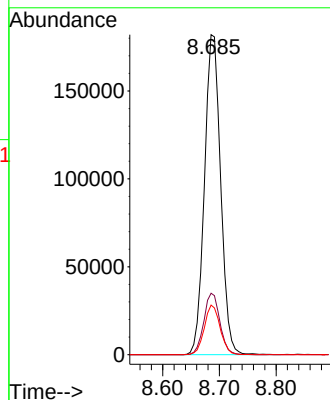
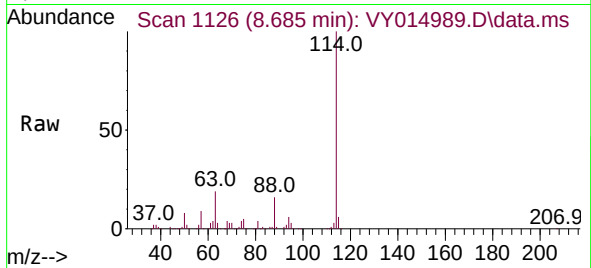




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY014989.D
Acq: 08 Aug 2023 16:46

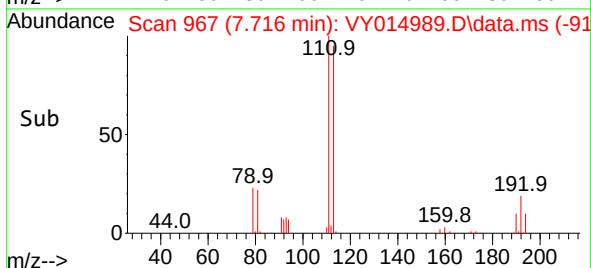
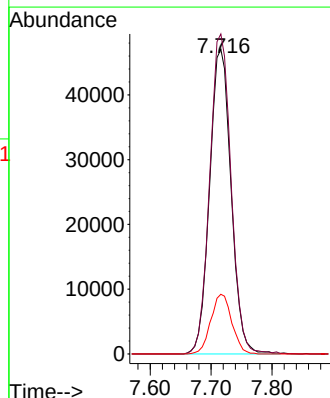
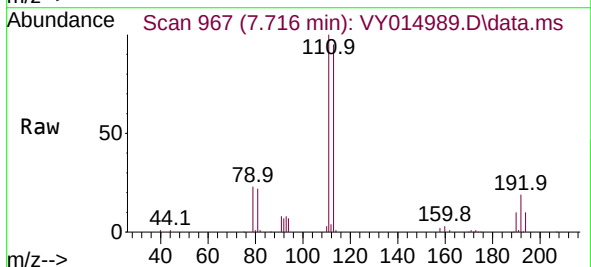
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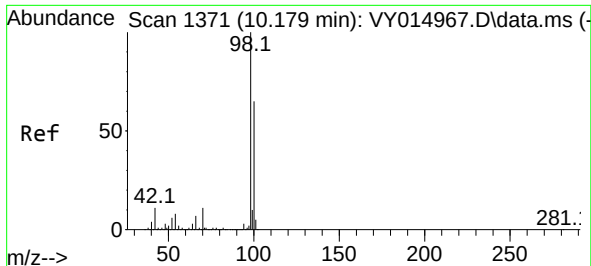
Tgt Ion:	114	Resp:	361502
Ion	Ratio	Lower	Upper
114	100		
63	19.2	0.0	42.4
88	15.5	0.0	30.6



#35
Dibromofluoromethane
Concen: 49.823 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY014989.D
Acq: 08 Aug 2023 16:46

Tgt Ion:	113	Resp:	115178
Ion	Ratio	Lower	Upper
113	100		
111	104.6	81.3	121.9
192	19.1	16.9	25.3

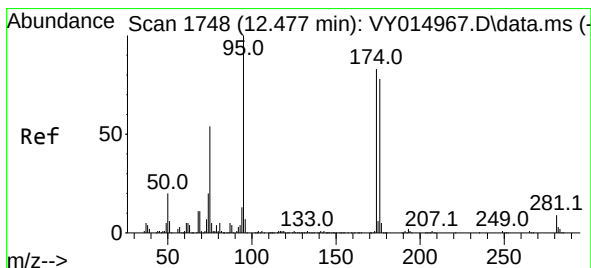
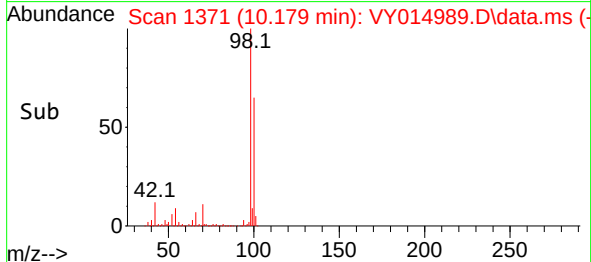
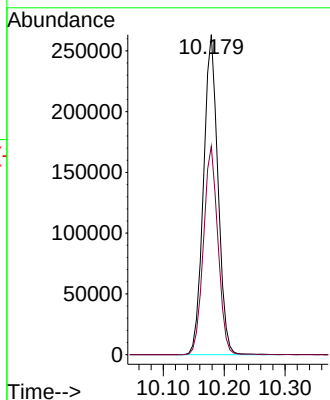
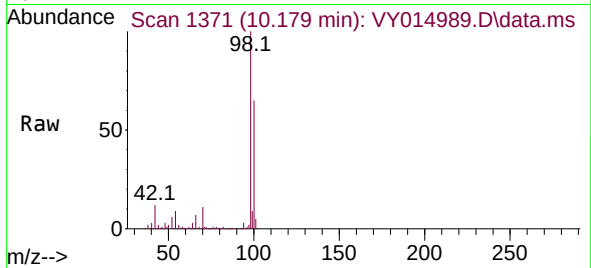




#50
Toluene-d8
Concen: 49.366 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY014989.D
Acq: 08 Aug 2023 16:46

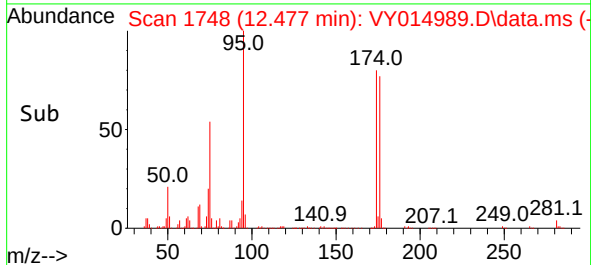
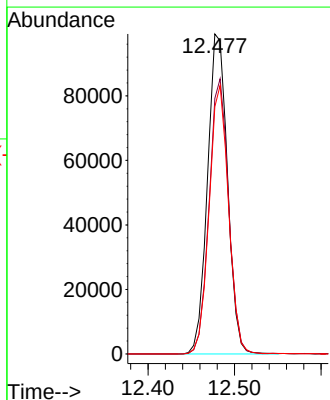
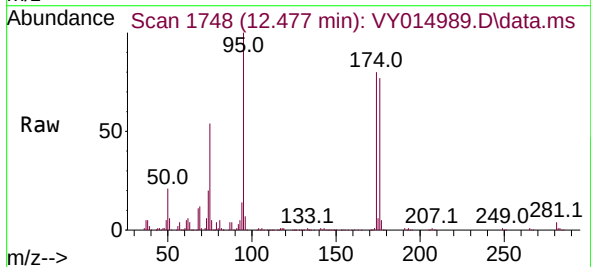
Instrument :
MSVOA_Y
ClientSampleId :
OR-3-080723

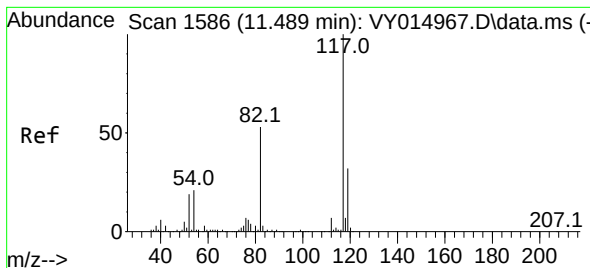
Tgt Ion: 98 Resp: 434368
Ion Ratio Lower Upper
98 100
100 65.1 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 50.908 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY014989.D
Acq: 08 Aug 2023 16:46

Tgt Ion: 95 Resp: 158759
Ion Ratio Lower Upper
95 100
174 83.9 0.0 178.2
176 81.5 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY014989.D

Acq: 08 Aug 2023 16:46

Instrument :

MSVOA_Y

ClientSampleId :

OR-3-080723

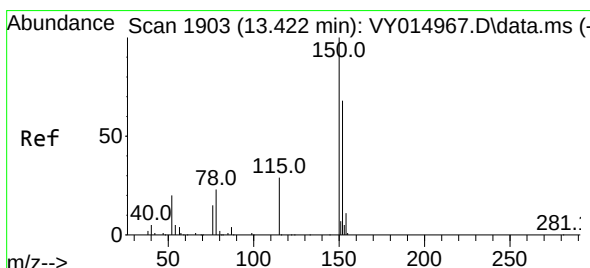
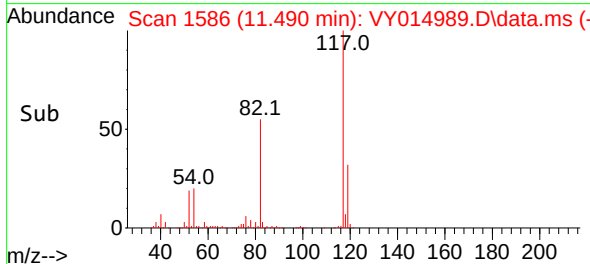
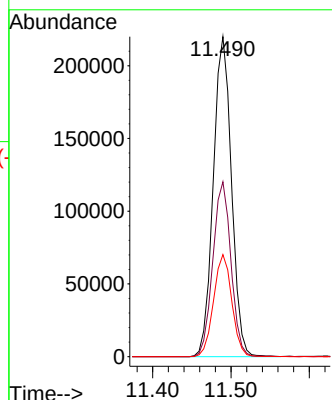
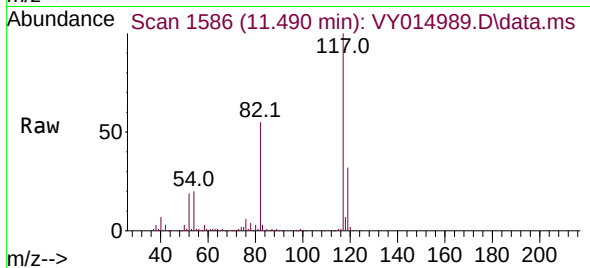
Tgt Ion:117 Resp: 354895

Ion Ratio Lower Upper

117 100

82 54.6 43.4 65.0

119 31.9 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY014989.D

Acq: 08 Aug 2023 16:46

Tgt Ion:152 Resp: 170457

Ion Ratio Lower Upper

152 100

115 59.0 28.8 86.5

150 157.0 0.0 348.8

