

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070523\
 Data File : VY014568.D
 Acq On : 05 Jul 2023 19:07
 Operator : KP/MD
 Sample : 03509-14
 Misc : 7.22g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-WWS-03-G

Quant Time: Jul 06 01:37:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y063023S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 30 19:02:11 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	220673	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	326902	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	305492	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	127142	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	117352	53.458	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	106.920%
35) Dibromofluoromethane	7.710	113	107707	53.503	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.000%
50) Toluene-d8	10.173	98	359273	45.146	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	90.300%
62) 4-Bromofluorobenzene	12.477	95	123231	44.595	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	89.200%

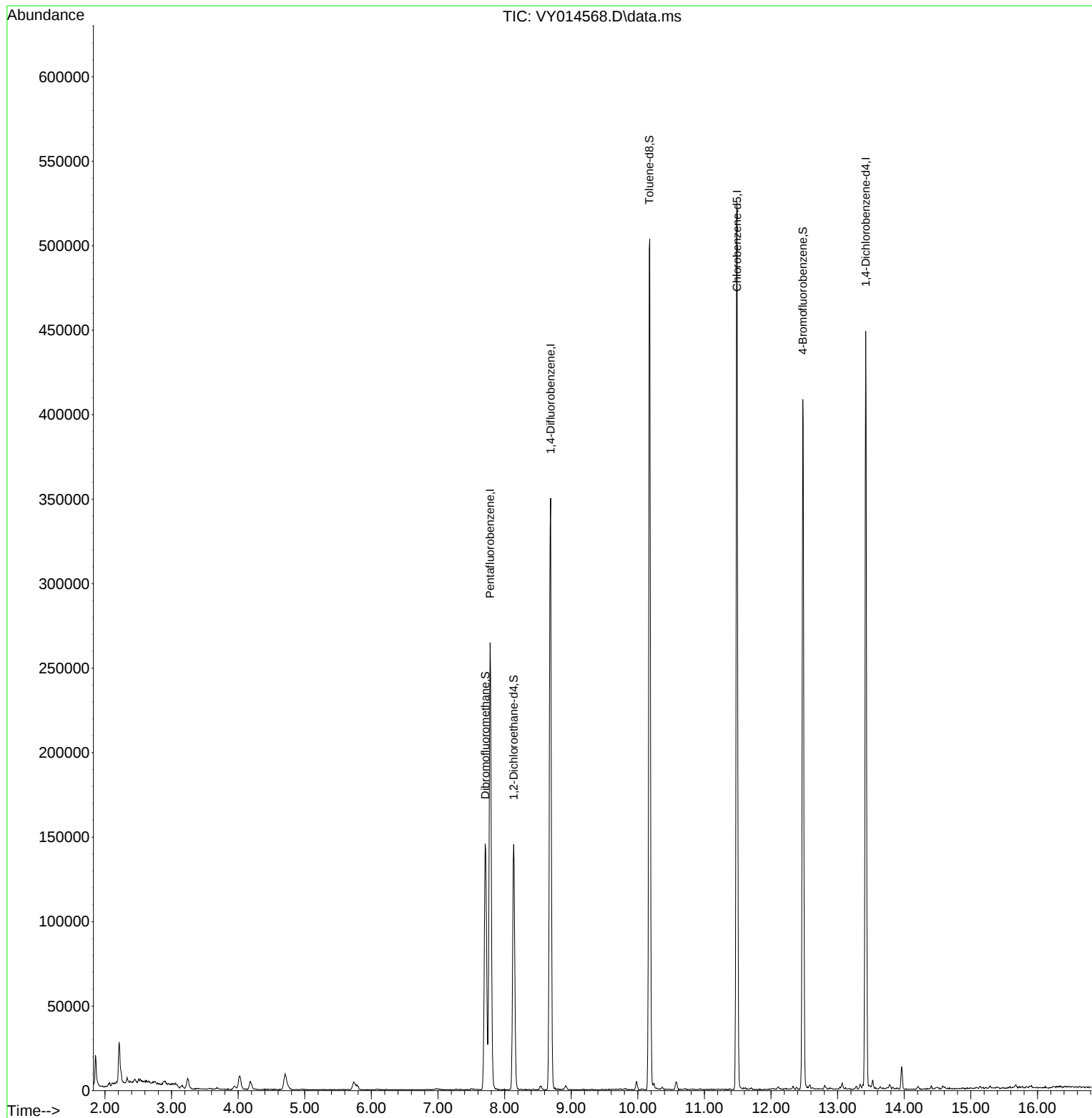
Target Compounds	Qvalue

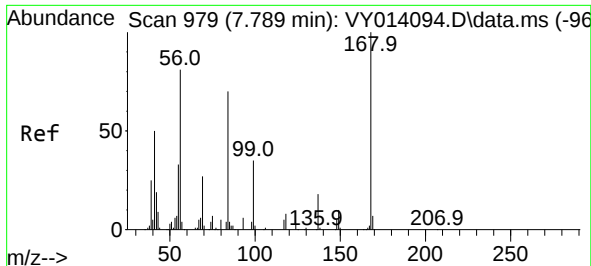
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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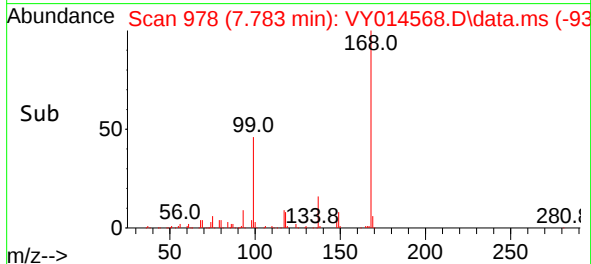
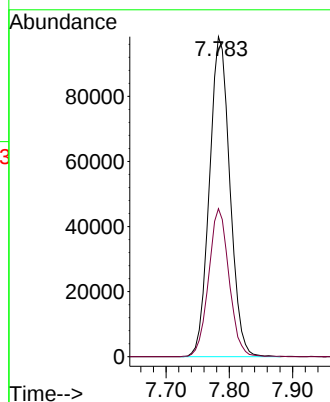
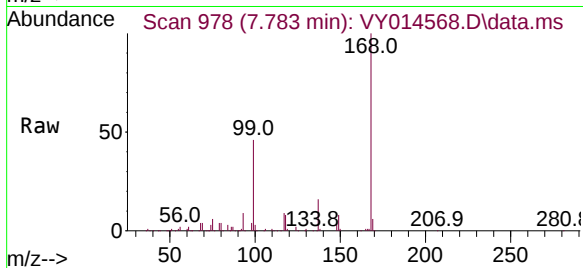




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014568.D
Acq: 05 Jul 2023 19:07

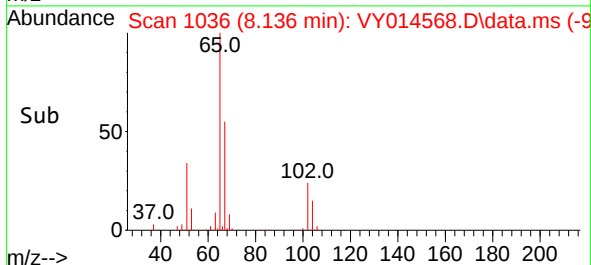
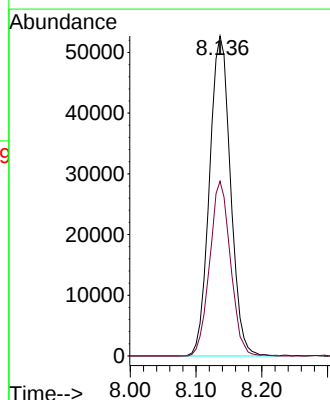
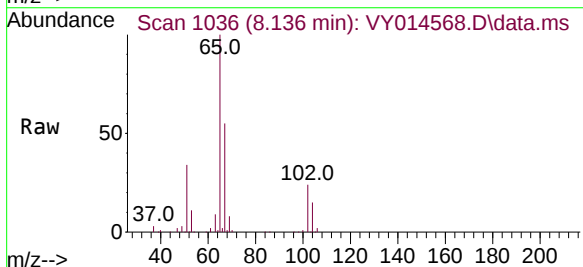
Instrument :
MSVOA_Y
ClientSampleId :
WC-WWS-03-G

Tgt Ion:168 Resp: 220673
Ion Ratio Lower Upper
168 100
99 46.2 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 53.458 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY014568.D
Acq: 05 Jul 2023 19:07

Tgt Ion: 65 Resp: 117352
Ion Ratio Lower Upper
65 100
67 53.9 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY014568.D

Acq: 05 Jul 2023 19:07

Instrument :

MSVOA_Y

ClientSampleId :

WC-WWS-03-G

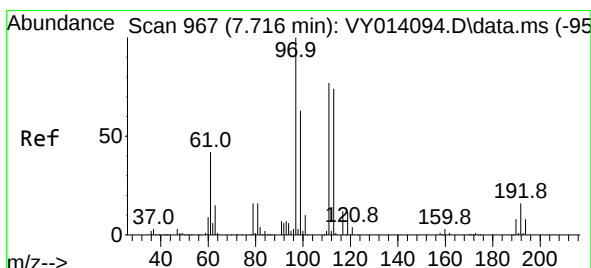
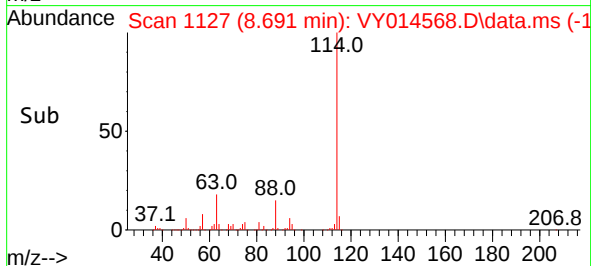
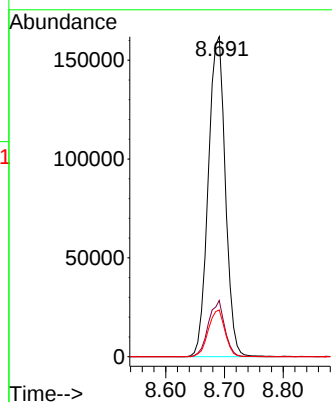
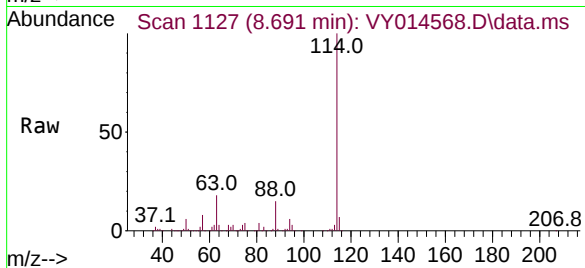
Tgt Ion:114 Resp: 326902

Ion Ratio Lower Upper

114 100

63 17.6 0.0 42.4

88 14.6 0.0 30.6



#35

Dibromofluoromethane

Concen: 53.503 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.006 min

Lab File: VY014568.D

Acq: 05 Jul 2023 19:07

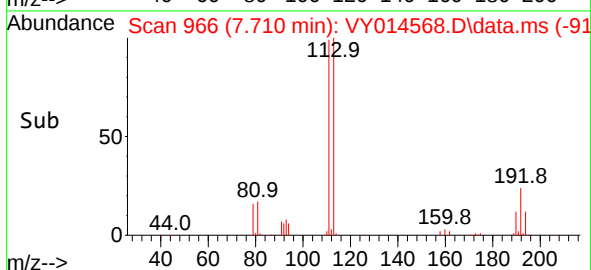
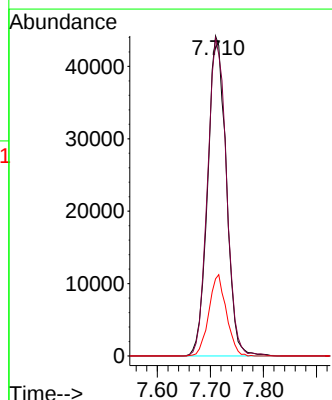
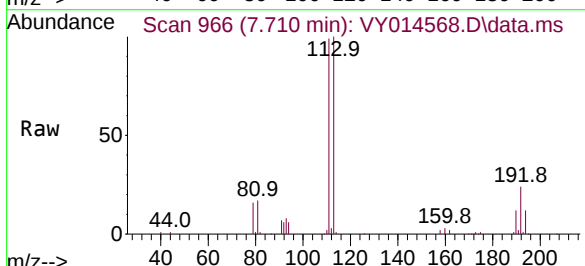
Tgt Ion:113 Resp: 107707

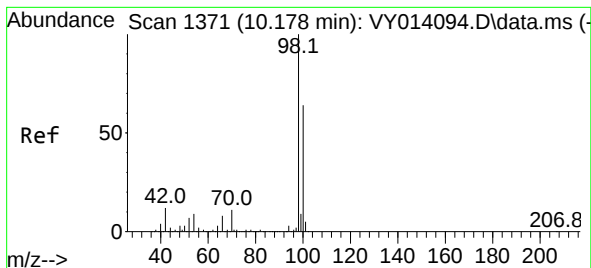
Ion Ratio Lower Upper

113 100

111 101.0 81.3 121.9

192 23.9 16.9 25.3

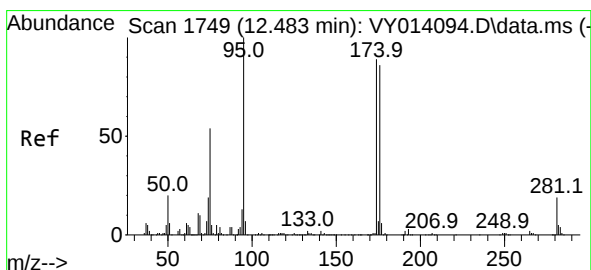
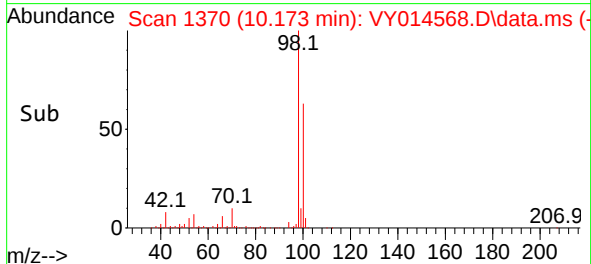
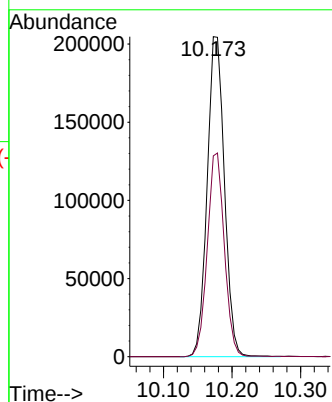
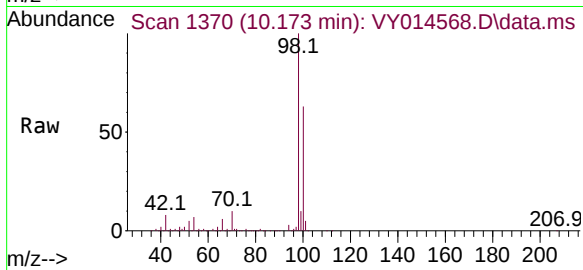




#50
Toluene-d8
Concen: 45.146 ug/l
RT: 10.173 min Scan# 1
Delta R.T. -0.005 min
Lab File: VY014568.D
Acq: 05 Jul 2023 19:07

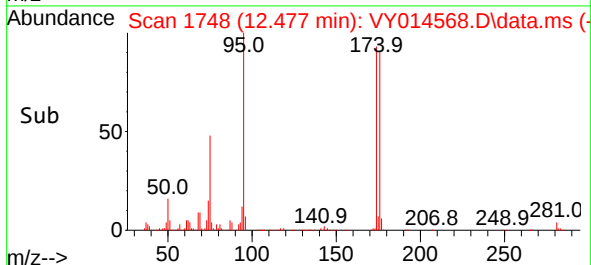
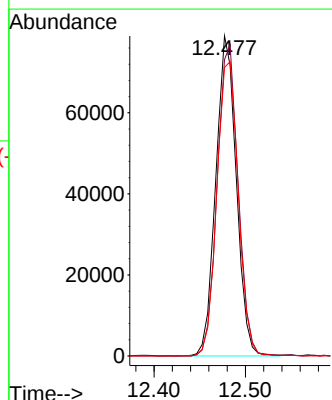
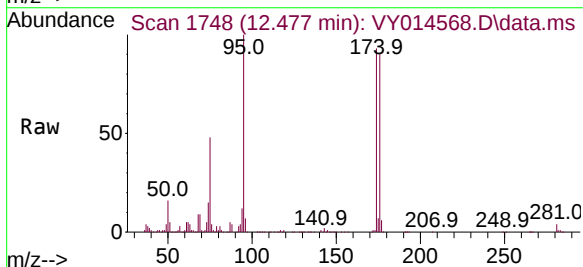
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WC-WWS-03-G

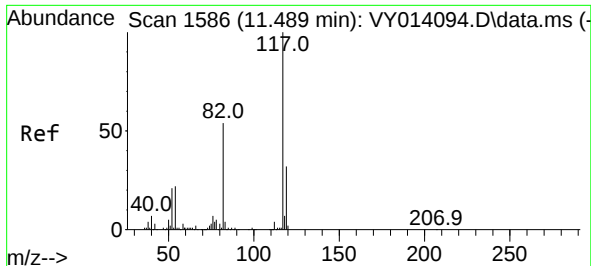
Tgt Ion: 98 Resp: 359273
Ion Ratio Lower Upper
98 100
100 62.8 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 44.595 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY014568.D
Acq: 05 Jul 2023 19:07

Tgt Ion: 95 Resp: 123231
Ion Ratio Lower Upper
95 100
174 99.1 0.0 178.2
176 96.2 0.0 173.8

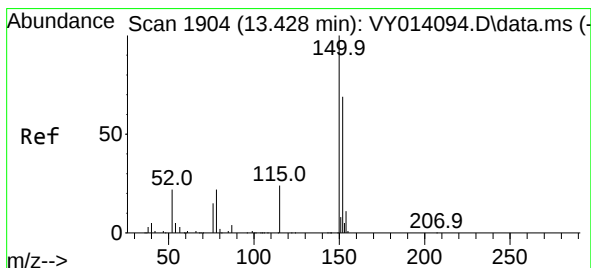
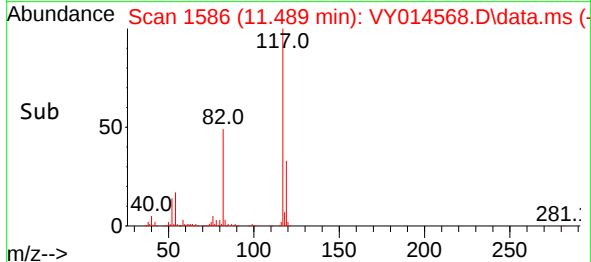
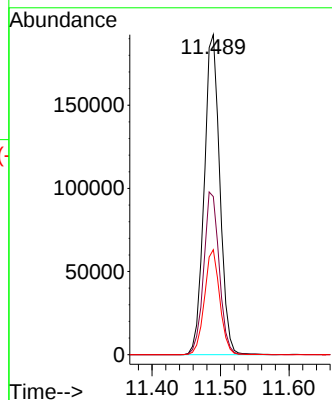
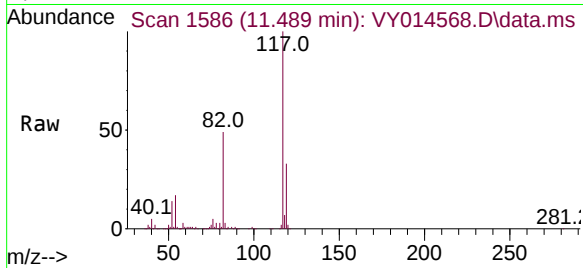




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY014568.D
Acq: 05 Jul 2023 19:07

Instrument :
MSVOA_Y
ClientSampleId :
WC-WWS-03-G

Tgt Ion:117 Resp: 305492
Ion Ratio Lower Upper
117 100
82 49.4 43.4 65.0
119 32.8 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY014568.D
Acq: 05 Jul 2023 19:07

Tgt Ion:152 Resp: 127142
Ion Ratio Lower Upper
152 100
115 54.3 28.8 86.5
150 157.2 0.0 348.8

