

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062023\
 Data File : VY014297.D
 Acq On : 20 Jun 2023 20:37
 Operator : KP/MD
 Sample : 03321-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-25

Quant Time: Jun 21 02:10:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060923S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 09 18:07:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	8318	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	12763	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	11162	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	4752	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	6335	54.692	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	109.380%
35) Dibromofluoromethane	7.716	113	3382	37.365	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	74.740%
50) Toluene-d8	10.185	98	14884	43.985	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	87.960%
62) 4-Bromofluorobenzene	12.483	95	4447	36.995	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	73.980%

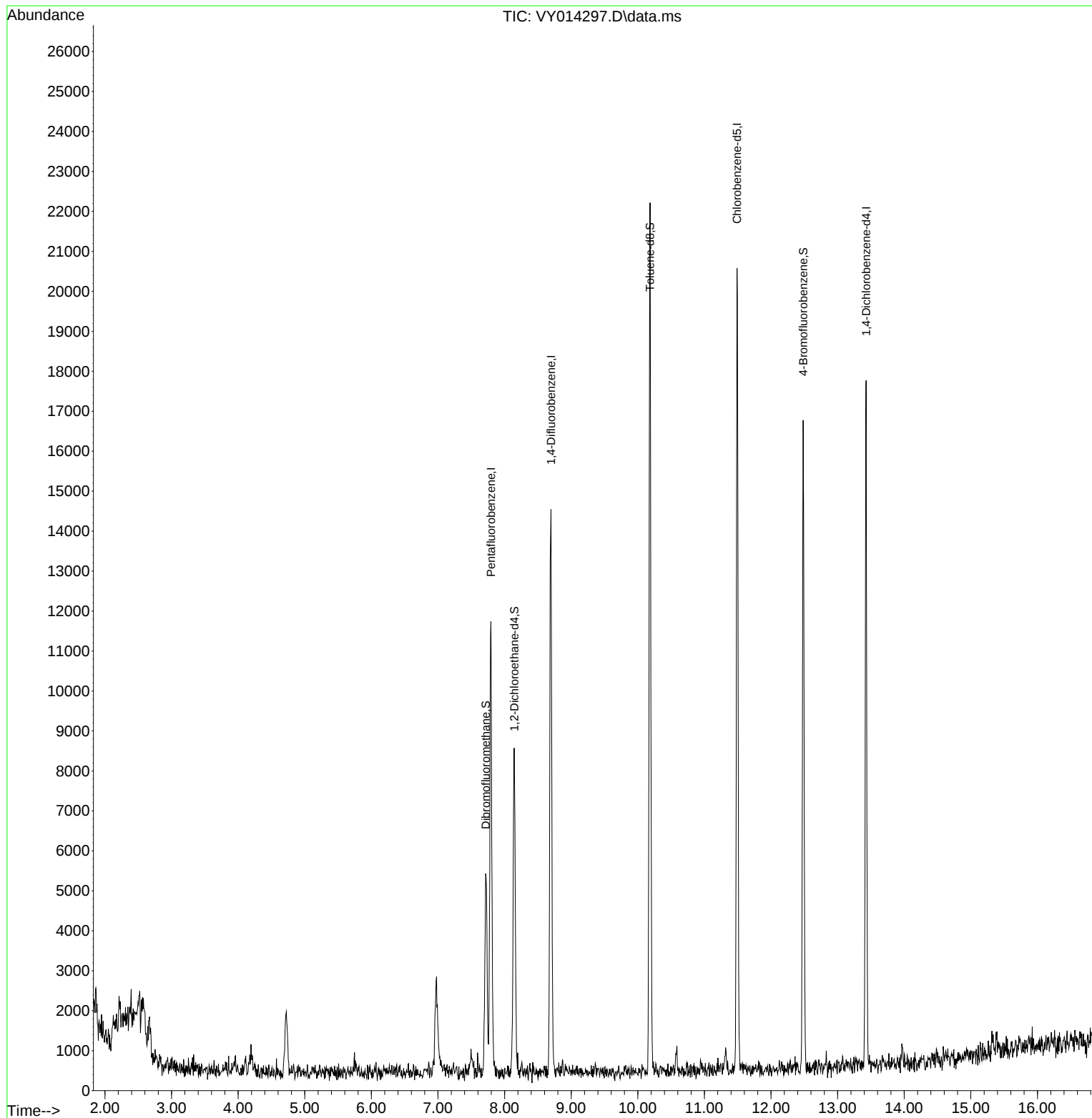
Target Compounds	Qvalue

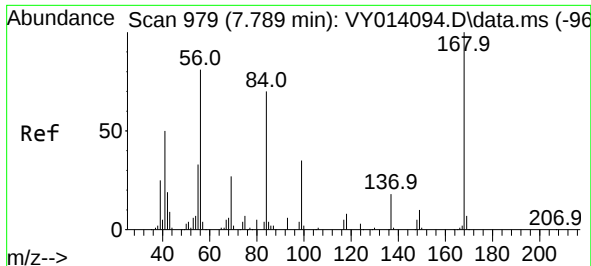
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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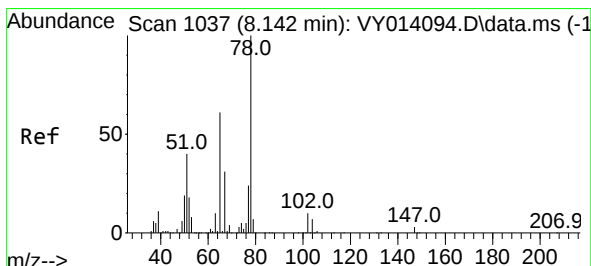
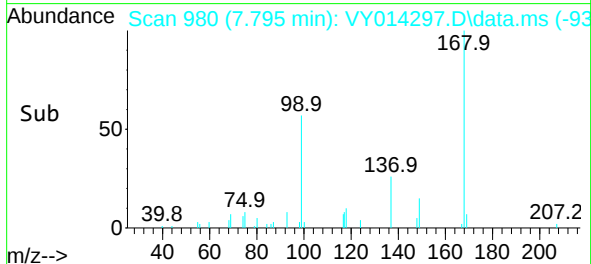
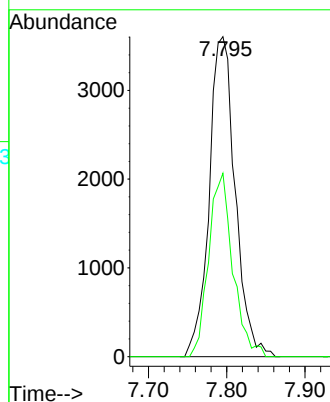
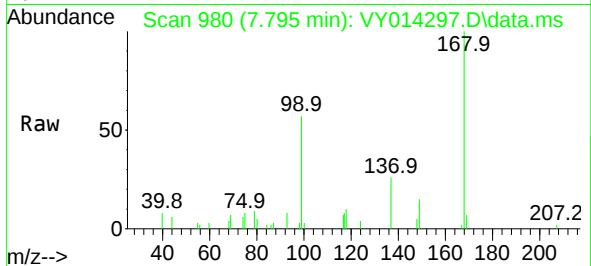




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY014297.D
Acq: 20 Jun 2023 20:37

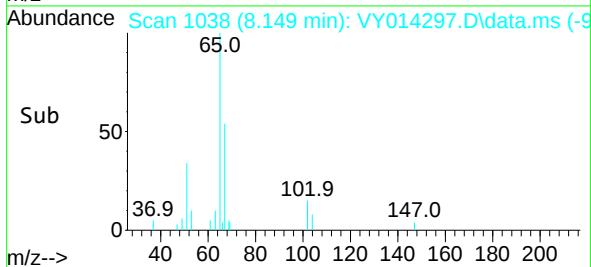
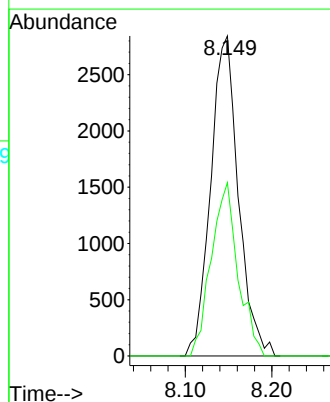
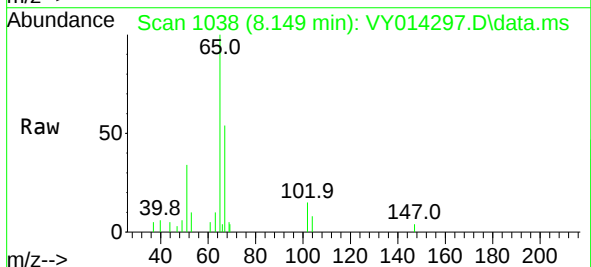
Instrument :
MSVOA_Y
ClientSampleId :
WC-25

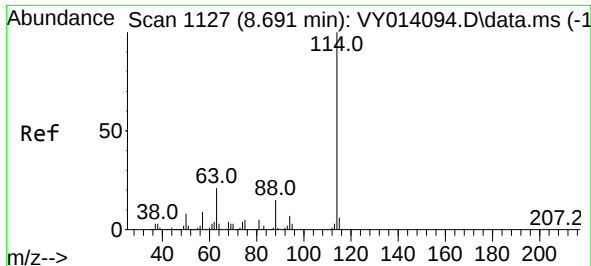
Tgt Ion:168 Resp: 8318
Ion Ratio Lower Upper
168 100
99 57.3 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 54.692 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.007 min
Lab File: VY014297.D
Acq: 20 Jun 2023 20:37

Tgt Ion: 65 Resp: 6335
Ion Ratio Lower Upper
65 100
67 52.2 0.0 101.8

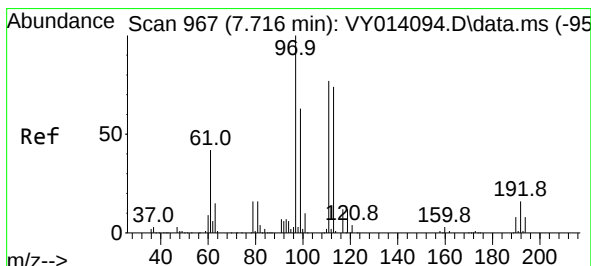
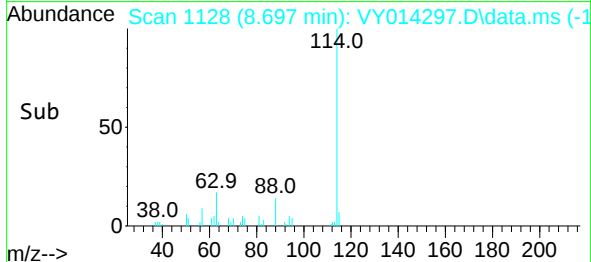
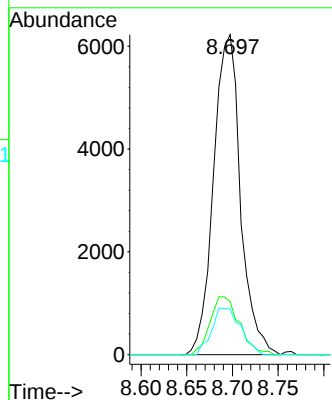
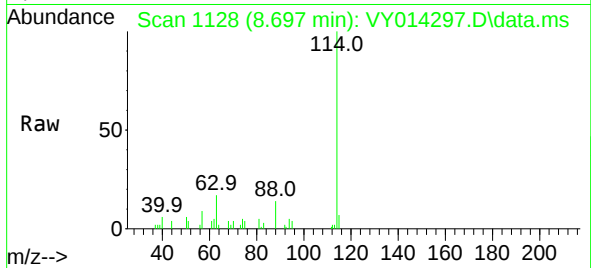




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.697 min Scan# 1127
 Delta R.T. 0.006 min
 Lab File: VY014297.D
 Acq: 20 Jun 2023 20:37

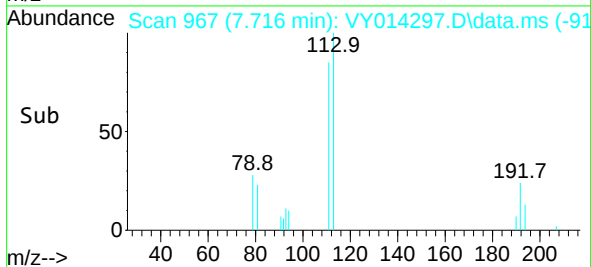
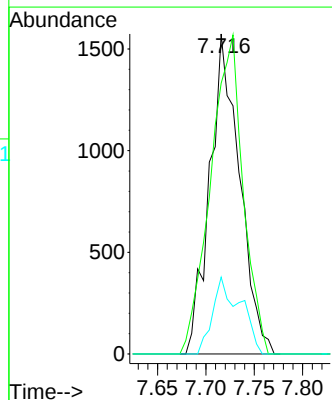
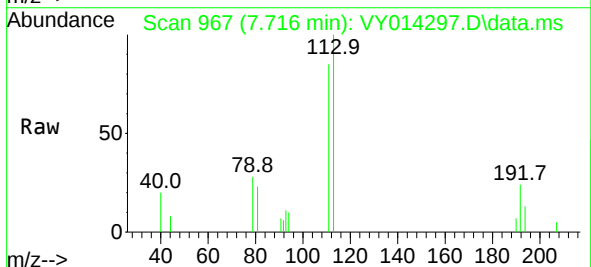
Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-25

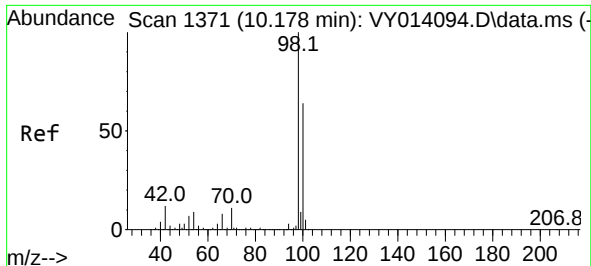
Tgt Ion:114	Resp:	12763
Ion	Ratio	Lower Upper
114	100	
63	16.6	0.0 42.4
88	14.3	0.0 30.6



#35
 Dibromofluoromethane
 Concen: 37.365 ug/l
 RT: 7.716 min Scan# 967
 Delta R.T. -0.000 min
 Lab File: VY014297.D
 Acq: 20 Jun 2023 20:37

Tgt Ion:113	Resp:	3382
Ion	Ratio	Lower Upper
113	100	
111	108.5	81.3 121.9
192	22.4	16.9 25.3

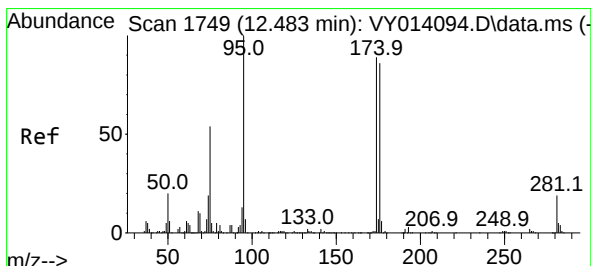
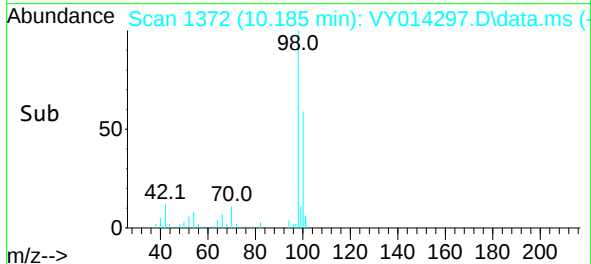
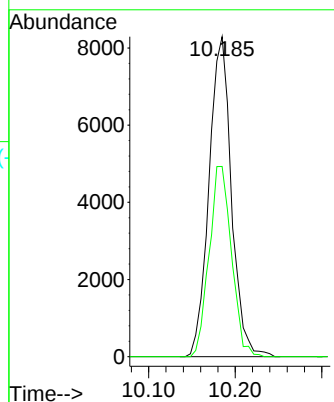
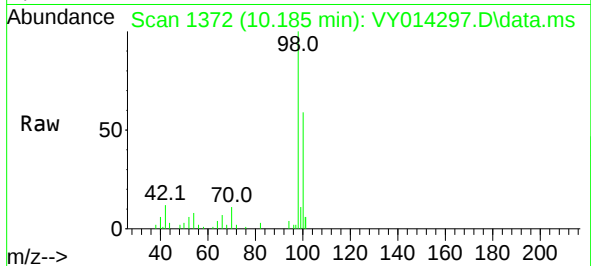




#50
Toluene-d8
Concen: 43.985 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.007 min
Lab File: VY014297.D
Acq: 20 Jun 2023 20:37

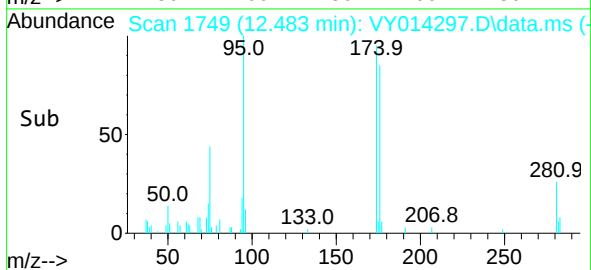
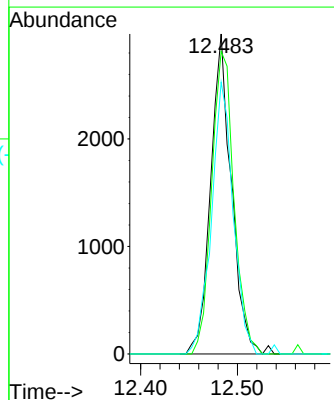
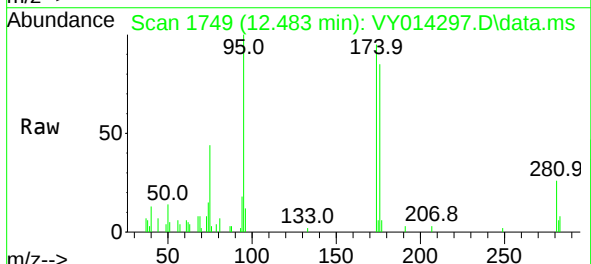
Instrument :
MSVOA_Y
ClientSampleId :
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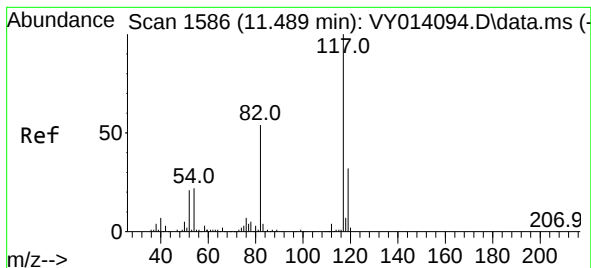
Tgt Ion: 98 Resp: 14884
Ion Ratio Lower Upper
98 100
100 59.4 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 36.995 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY014297.D
Acq: 20 Jun 2023 20:37

Tgt Ion: 95 Resp: 4447
Ion Ratio Lower Upper
95 100
174 101.3 0.0 178.2
176 88.8 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: VY014297.D

Acq: 20 Jun 2023 20:37

Instrument :

MSVOA_Y

ClientSampleId :

WC-25

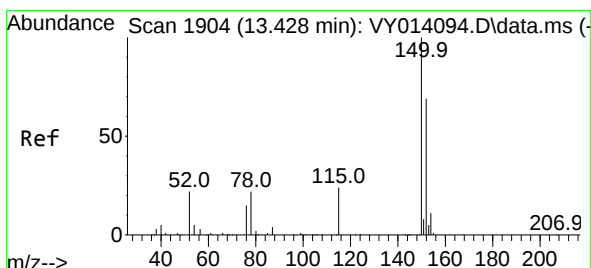
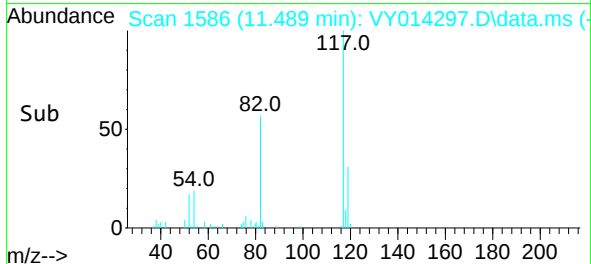
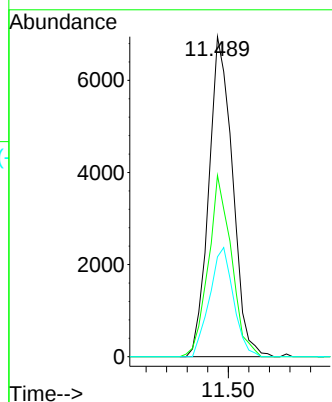
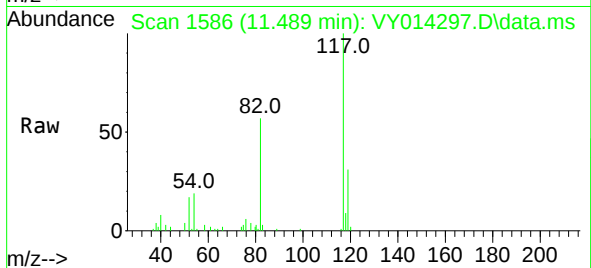
Tgt Ion:117 Resp: 11162

Ion Ratio Lower Upper

117 100

82 56.6 43.4 65.0

119 31.2 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY014297.D

Acq: 20 Jun 2023 20:37

Tgt Ion:152 Resp: 4752

Ion Ratio Lower Upper

152 100

115 51.0 28.8 86.5

150 160.2 0.0 348.8

