

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062623\
 Data File : VY014433.D
 Acq On : 26 Jun 2023 14:53
 Operator : KP/MD
 Sample : 03402-03
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP2-0623

Quant Time: Jun 27 01:47:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 23 17:18:46 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	20795	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	27317	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	21860	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	9250	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	11326	43.867	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	87.740%
35) Dibromofluoromethane	7.715	113	8043	47.656	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.320%
50) Toluene-d8	10.178	98	30554	45.543	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	91.080%
62) 4-Bromofluorobenzene	12.483	95	8507	35.519	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	71.040%

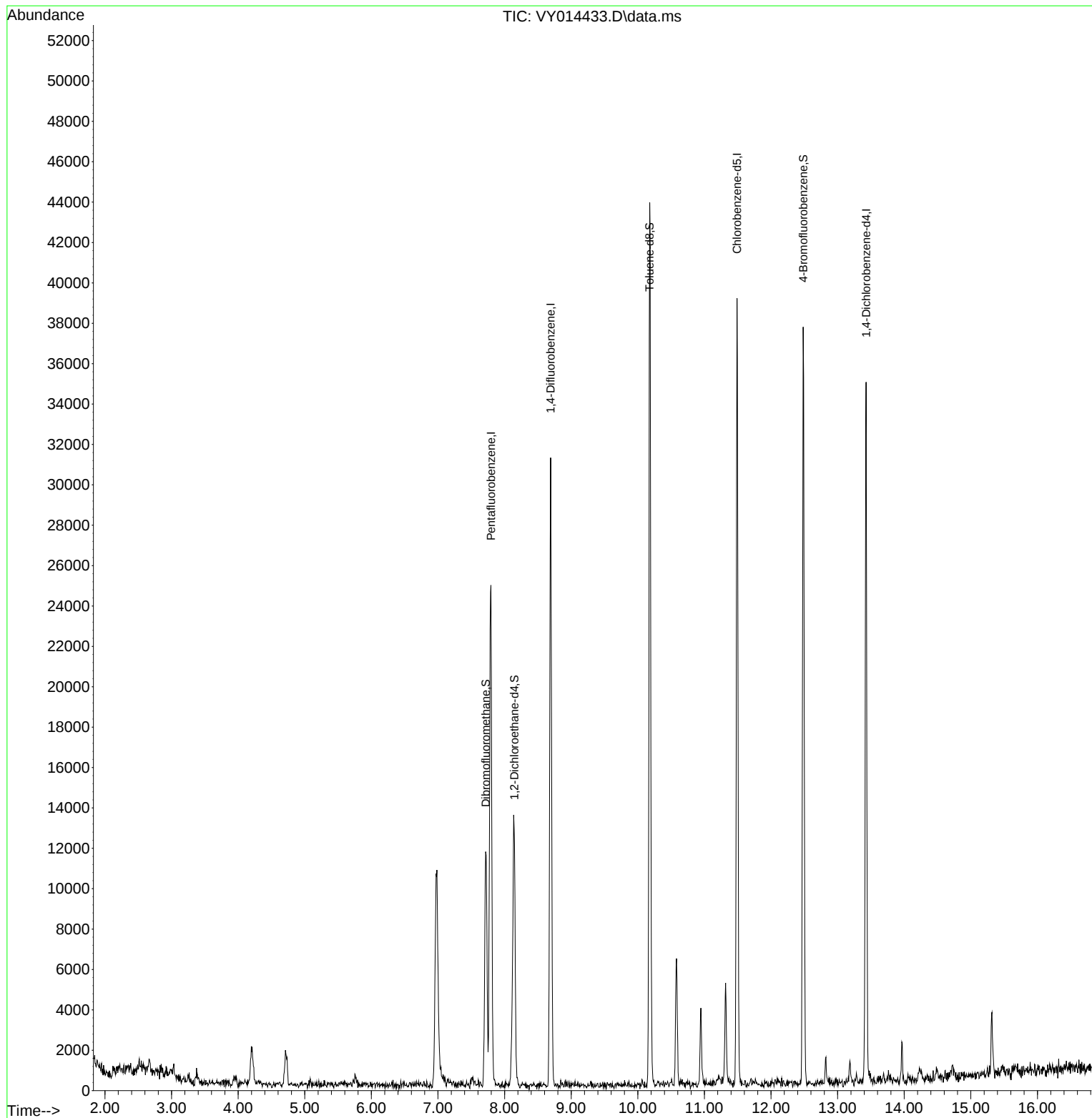
Target Compounds	Qvalue

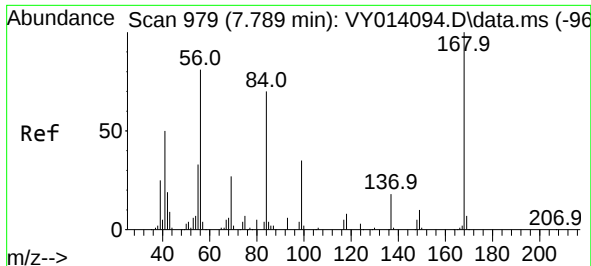
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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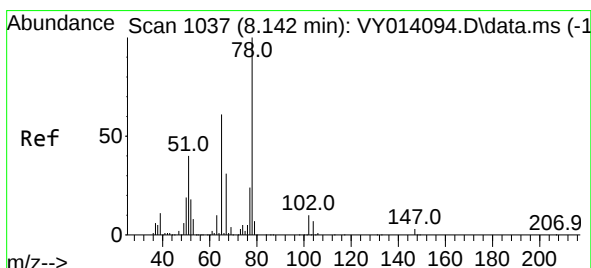
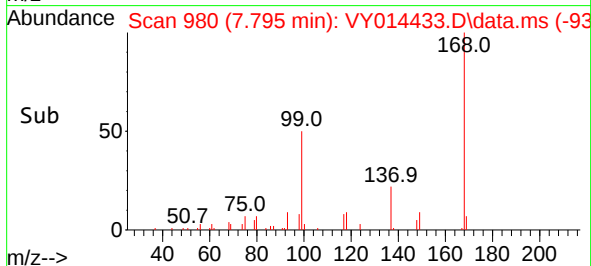
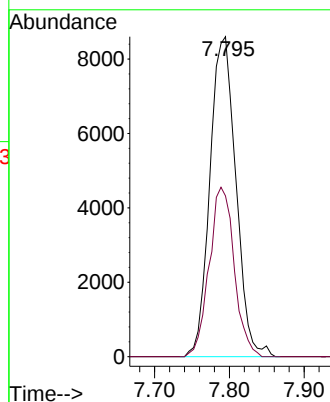
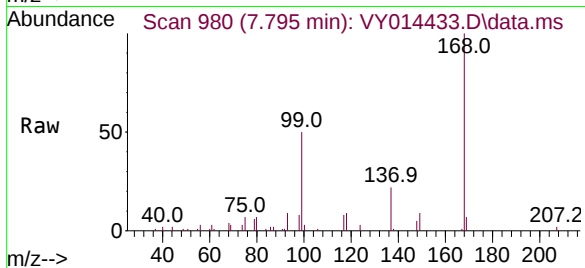




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY014433.D
Acq: 26 Jun 2023 14:53

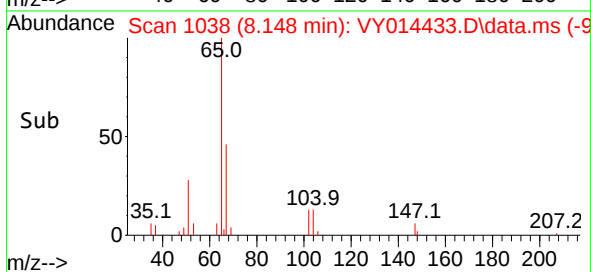
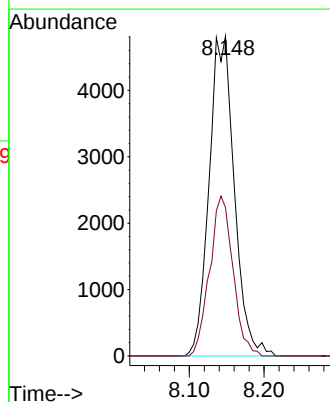
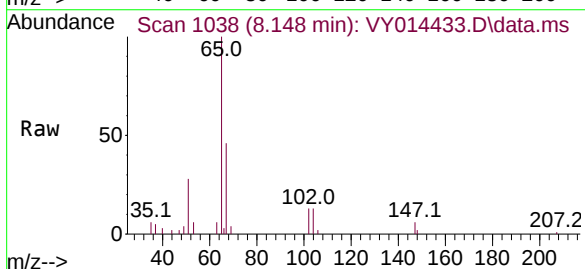
Instrument :
MSVOA_Y
ClientSampleId :
TP2-0623

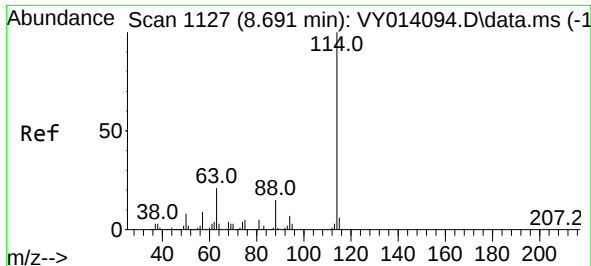
Tgt Ion:168 Resp: 20795
Ion Ratio Lower Upper
168 100
99 50.3 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 43.867 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VY014433.D
Acq: 26 Jun 2023 14:53

Tgt Ion: 65 Resp: 11326
Ion Ratio Lower Upper
65 100
67 46.2 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: VY014433.D

Acq: 26 Jun 2023 14:53

Instrument :

MSVOA_Y

ClientSampleId :

TP2-0623

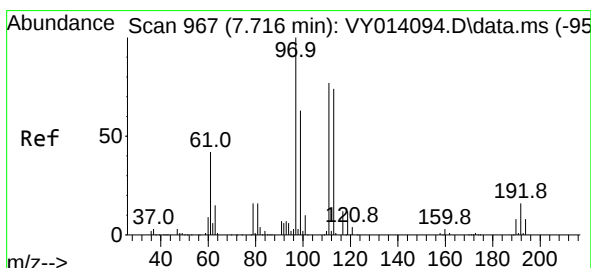
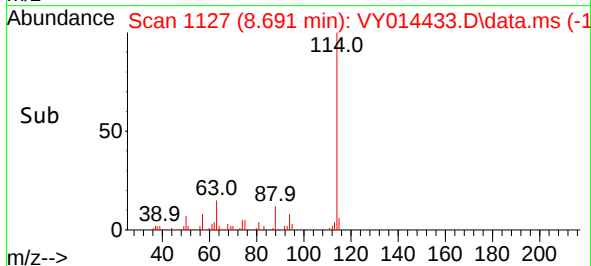
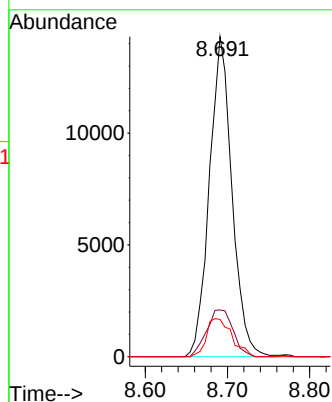
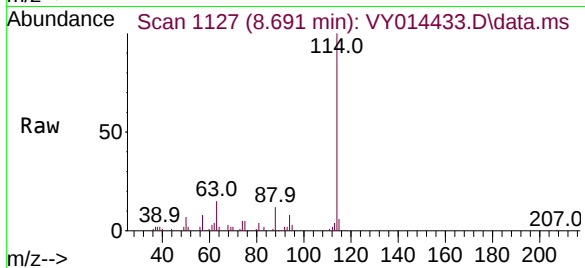
Tgt Ion:114 Resp: 27317

Ion Ratio Lower Upper

114 100

63 14.6 0.0 42.4

88 11.7 0.0 30.6



#35

Dibromofluoromethane

Concen: 47.656 ug/l

RT: 7.715 min Scan# 967

Delta R.T. -0.001 min

Lab File: VY014433.D

Acq: 26 Jun 2023 14:53

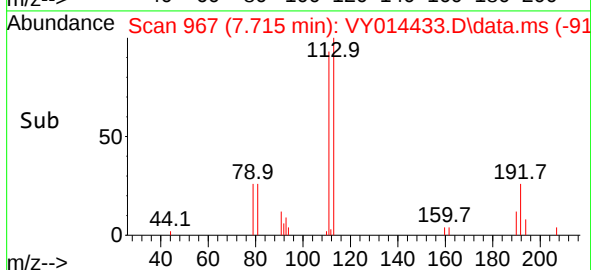
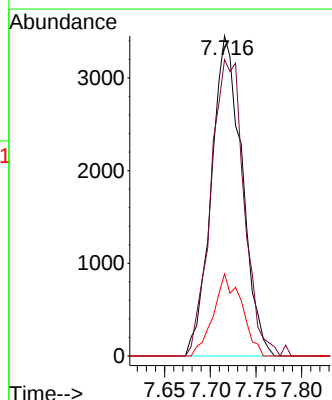
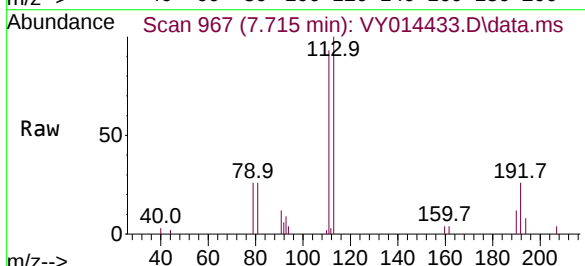
Tgt Ion:113 Resp: 8043

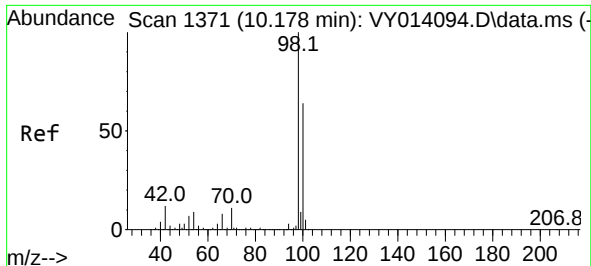
Ion Ratio Lower Upper

113 100

111 100.1 81.3 121.9

192 23.6 16.9 25.3

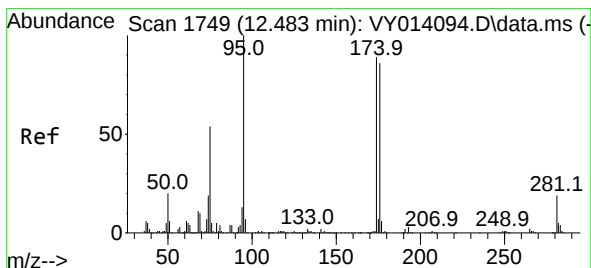
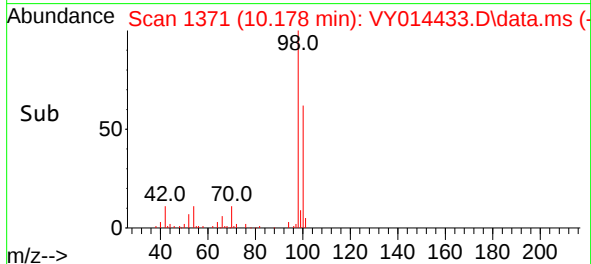
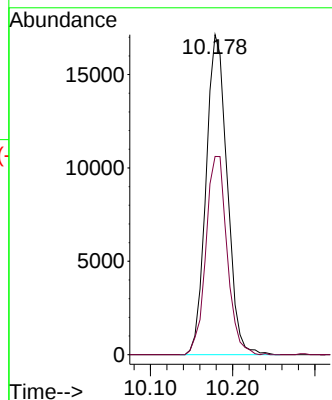
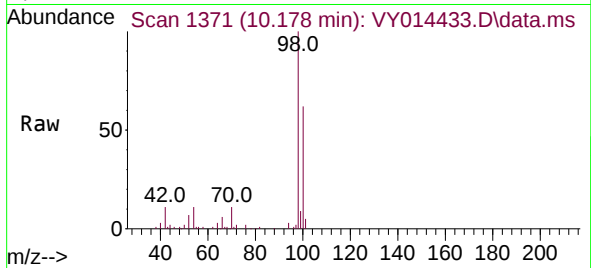




#50
Toluene-d8
Concen: 45.543 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY014433.D
Acq: 26 Jun 2023 14:53

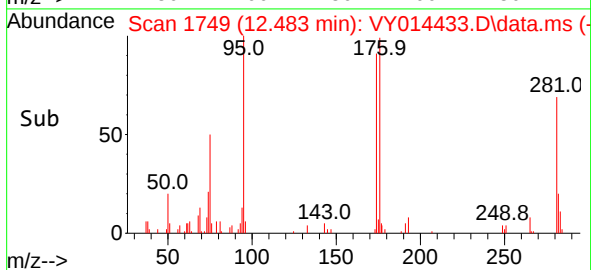
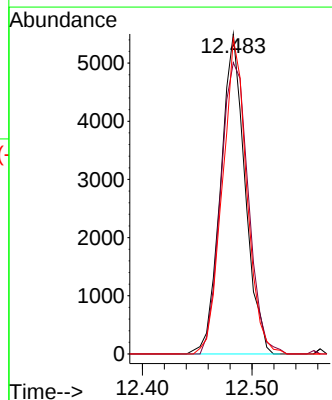
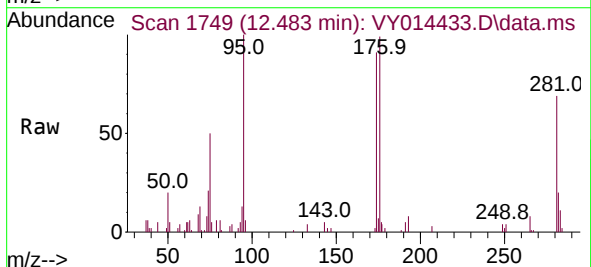
Instrument :
MSVOA_Y
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TP2-0623

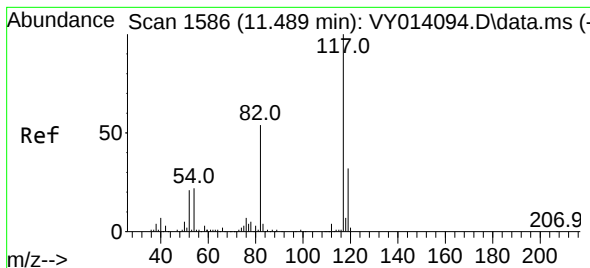
Tgt Ion: 98 Resp: 30554
Ion Ratio Lower Upper
98 100
100 62.3 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 35.519 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY014433.D
Acq: 26 Jun 2023 14:53

Tgt Ion: 95 Resp: 8507
Ion Ratio Lower Upper
95 100
174 103.1 0.0 178.2
176 98.5 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 1586

Delta R.T. 0.000 min

Lab File: VY014433.D

Acq: 26 Jun 2023 14:53

Instrument :

MSVOA_Y

ClientSampleId :

TP2-0623

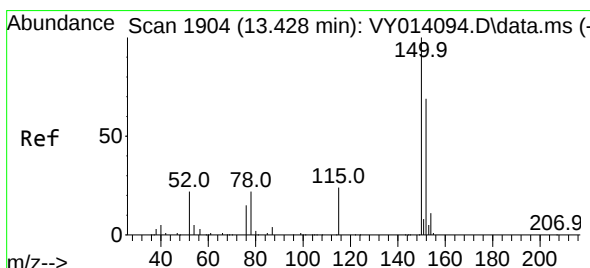
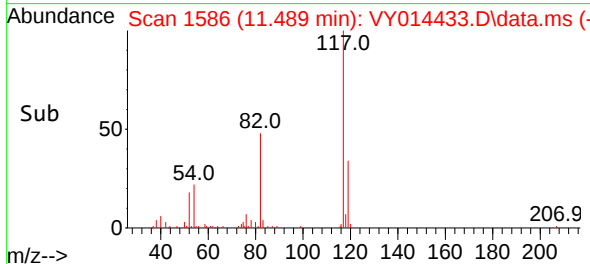
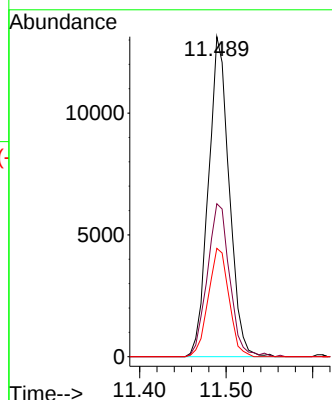
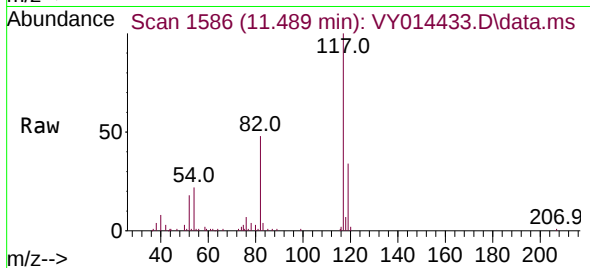
Tgt Ion:117 Resp: 21860

Ion Ratio Lower Upper

117 100

82 47.8 43.4 65.0

119 33.8 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: VY014433.D

Acq: 26 Jun 2023 14:53

Tgt Ion:152 Resp: 9250

Ion Ratio Lower Upper

152 100

115 48.8 28.8 86.5

150 162.0 0.0 348.8

