

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061923\
 Data File : VY014228.D
 Acq On : 19 Jun 2023 14:34
 Operator : KP/MD
 Sample : VY0619SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0619SBL01

Quant Time: Jun 19 17:02:45 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	7.783	168	229717	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	322279	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	304364	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	170926	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	131502	41.109	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	82.220%
35) Dibromofluoromethane	7.710	113	110628	48.404	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.800%
50) Toluene-d8	10.173	98	367257	42.981	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	85.960%
62) 4-Bromofluorobenzene	12.477	95	140908	46.423	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	92.840%

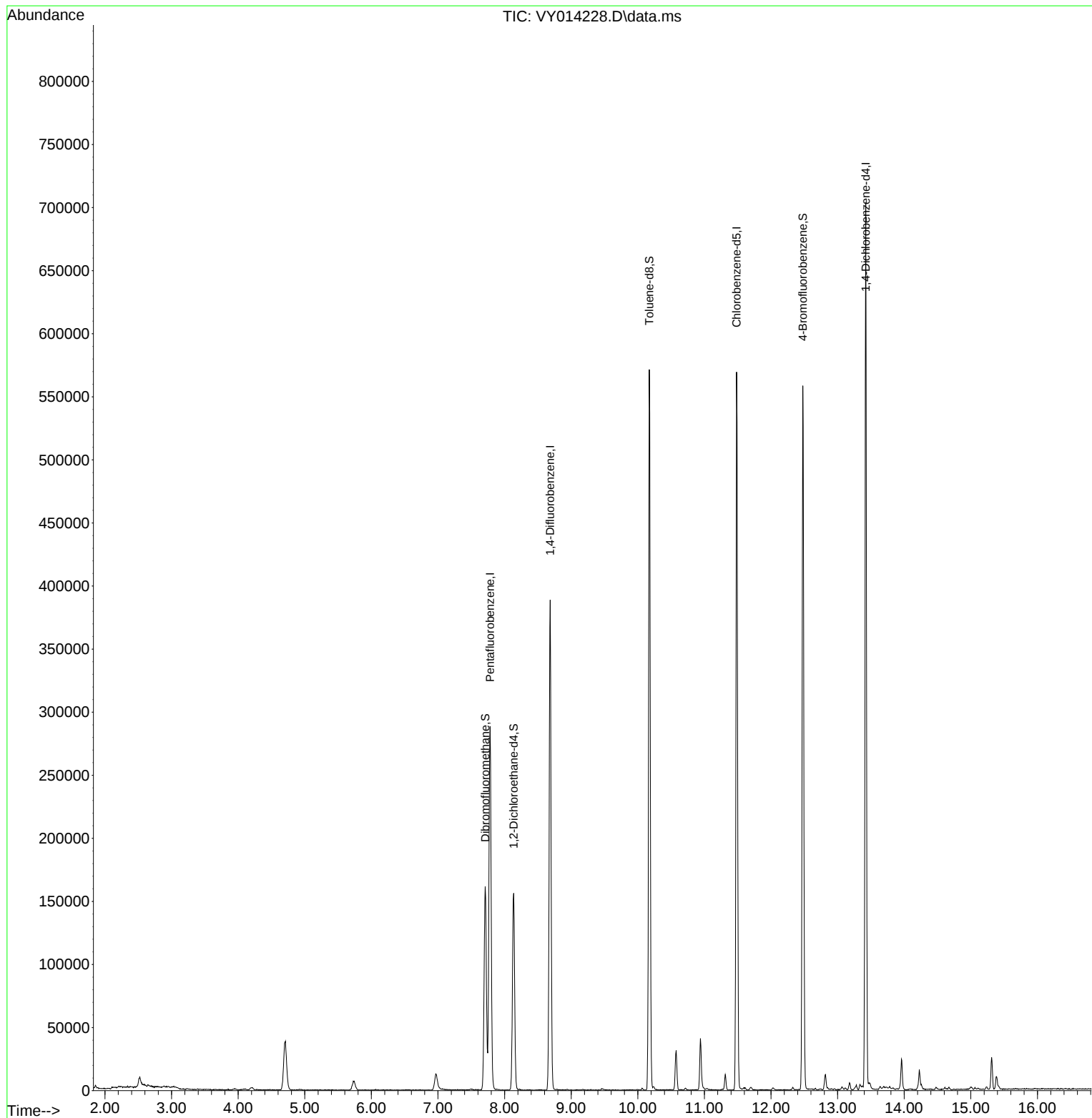
Target Compounds	Qvalue

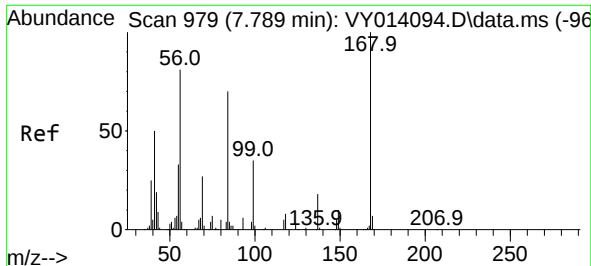
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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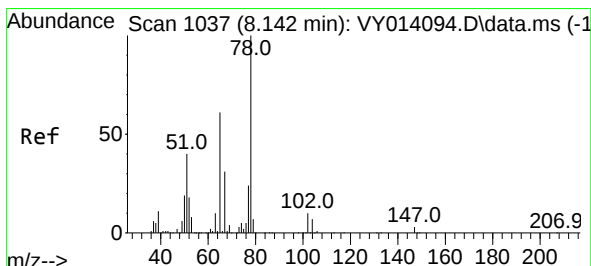
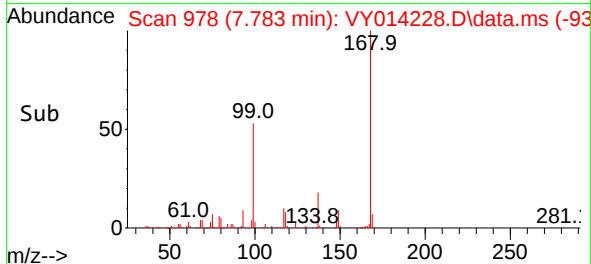
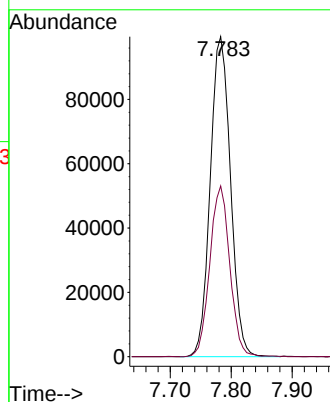
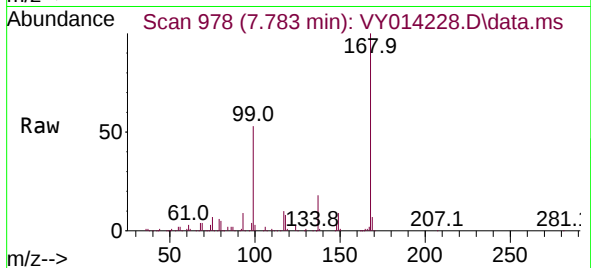




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014228.D
Acq: 19 Jun 2023 14:34

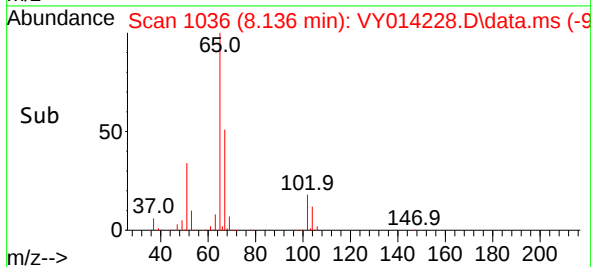
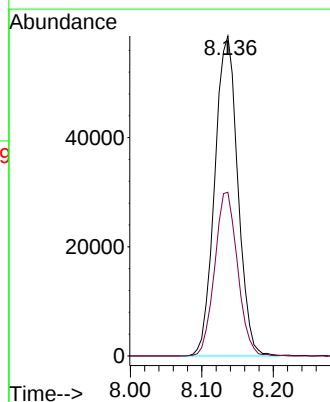
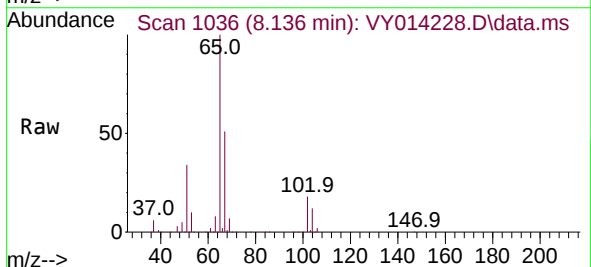
Instrument :
MSVOA_Y
ClientSampleId :
VY0619SBL01

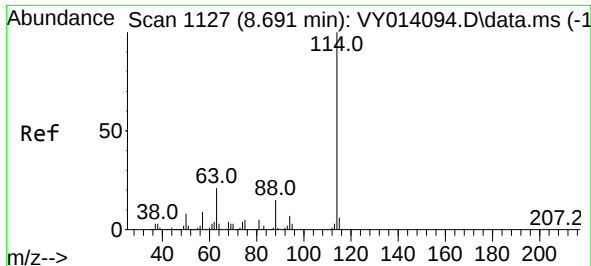
Tgt Ion:168 Resp: 229717
Ion Ratio Lower Upper
168 100
99 53.4 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 41.109 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY014228.D
Acq: 19 Jun 2023 14:34

Tgt Ion: 65 Resp: 131502
Ion Ratio Lower Upper
65 100
67 50.8 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1127

Delta R.T. -0.006 min

Lab File: VY014228.D

Acq: 19 Jun 2023 14:34

Instrument :

MSVOA_Y

ClientSampleId :

VY0619SBL01

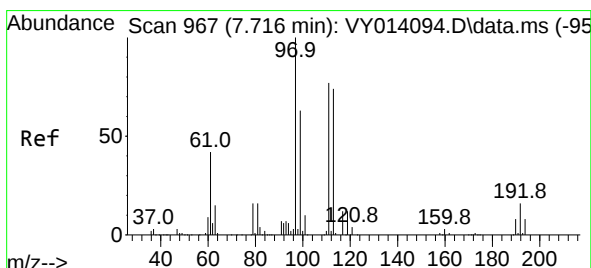
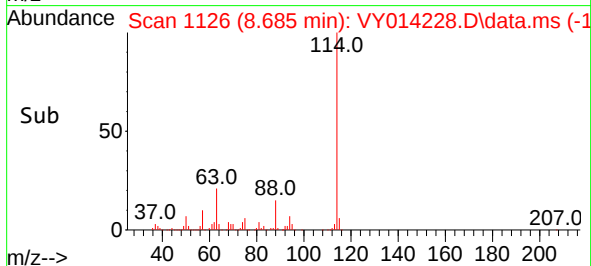
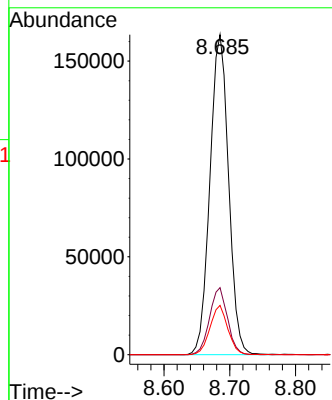
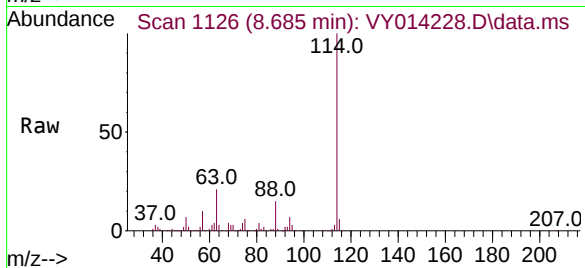
Tgt Ion:114 Resp: 322279

Ion Ratio Lower Upper

114 100

63 20.9 0.0 42.4

88 15.4 0.0 30.6



#35

Dibromofluoromethane

Concen: 48.404 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.006 min

Lab File: VY014228.D

Acq: 19 Jun 2023 14:34

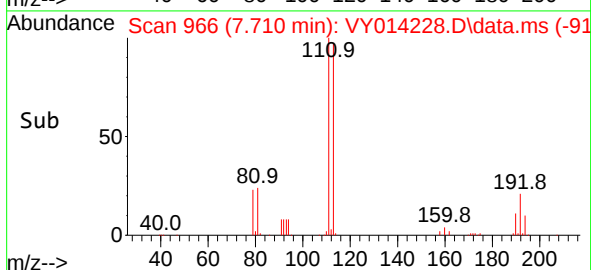
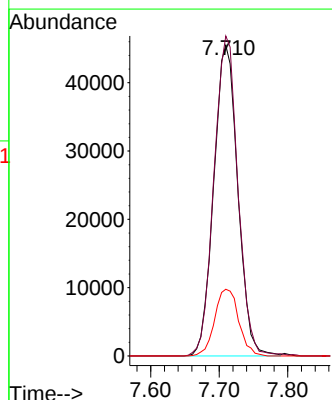
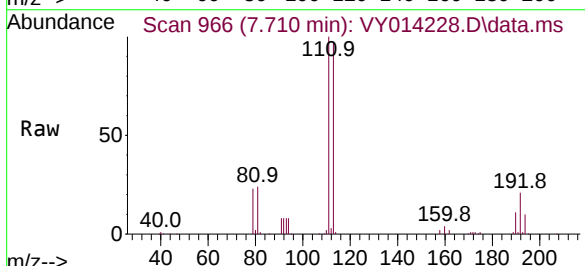
Tgt Ion:113 Resp: 110628

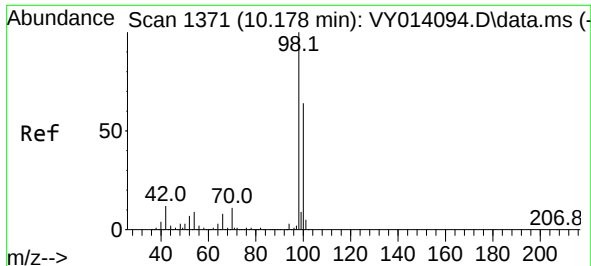
Ion Ratio Lower Upper

113 100

111 102.6 81.3 121.9

192 21.5 16.9 25.3

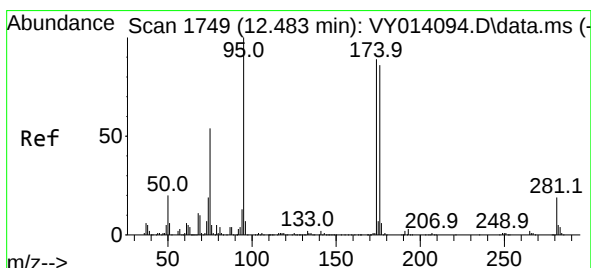
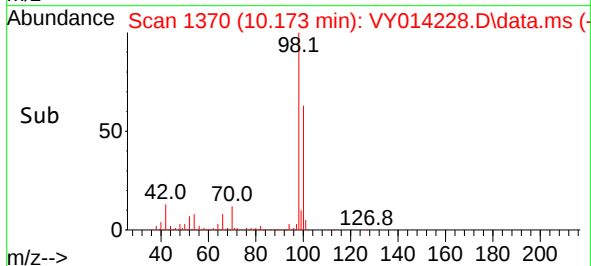
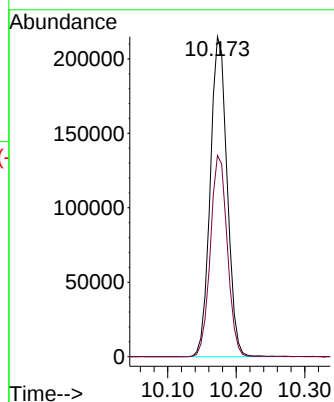
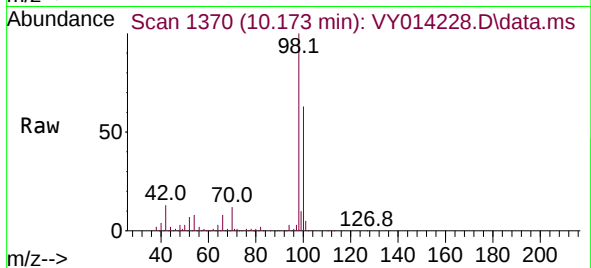




#50
Toluene-d8
Concen: 42.981 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.005 min
Lab File: VY014228.D
Acq: 19 Jun 2023 14:34

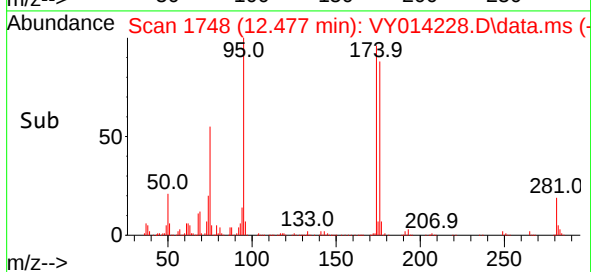
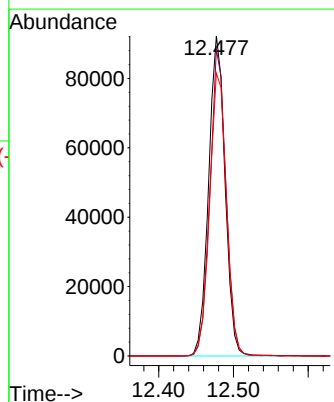
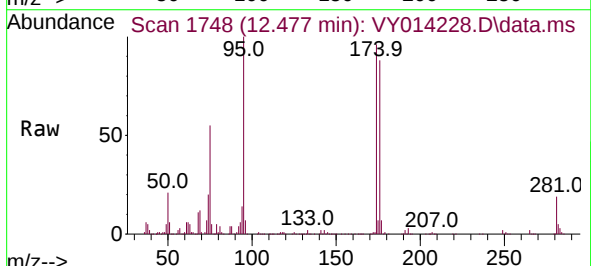
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MSVOA_Y
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VY0619SBL01

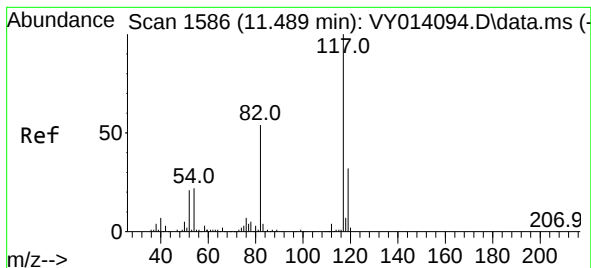
Tgt Ion: 98 Resp: 367257
Ion Ratio Lower Upper
98 100
100 63.1 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 46.423 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY014228.D
Acq: 19 Jun 2023 14:34

Tgt Ion: 95 Resp: 140908
Ion Ratio Lower Upper
95 100
174 94.5 0.0 178.2
176 90.6 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.483 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY014228.D

Acq: 19 Jun 2023 14:34

Instrument :

MSVOA_Y

ClientSampleId :

VY0619SBL01

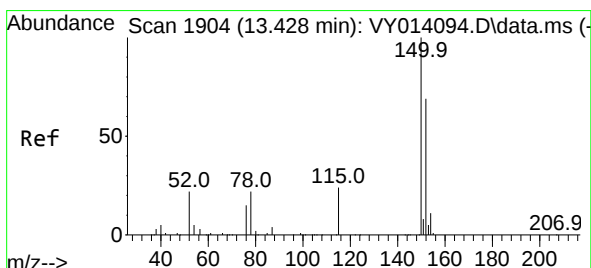
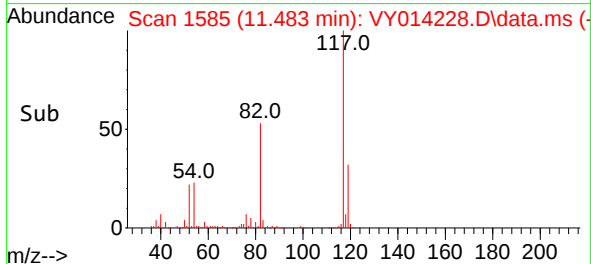
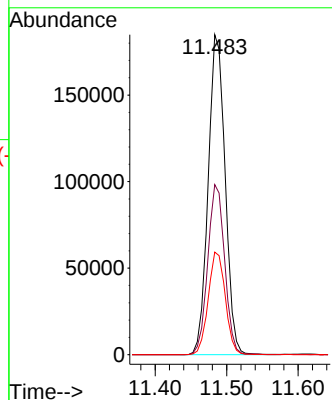
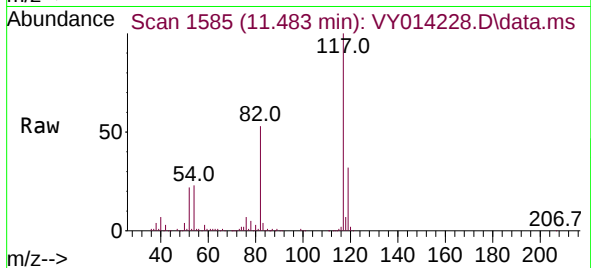
Tgt Ion:117 Resp: 304364

Ion Ratio Lower Upper

117 100

82 53.1 43.4 65.0

119 32.0 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: VY014228.D

Acq: 19 Jun 2023 14:34

Tgt Ion:152 Resp: 170926

Ion Ratio Lower Upper

152 100

115 56.6 28.8 86.5

150 155.8 0.0 348.8

