

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052523\
 Data File : VY013862.D
 Acq On : 25 May 2023 10:31
 Operator : KP/MD
 Sample : VY0525SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0525SBL01

Quant Time: May 25 15:20:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052323S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 24 05:25:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	226020	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	358321	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	320819	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	149726	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	137639	52.638	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	105.280%
35) Dibromofluoromethane	7.716	113	116704	50.433	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.860%
50) Toluene-d8	10.179	98	407619	46.347	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	92.700%
62) 4-Bromofluorobenzene	12.483	95	130562	44.660	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	89.320%

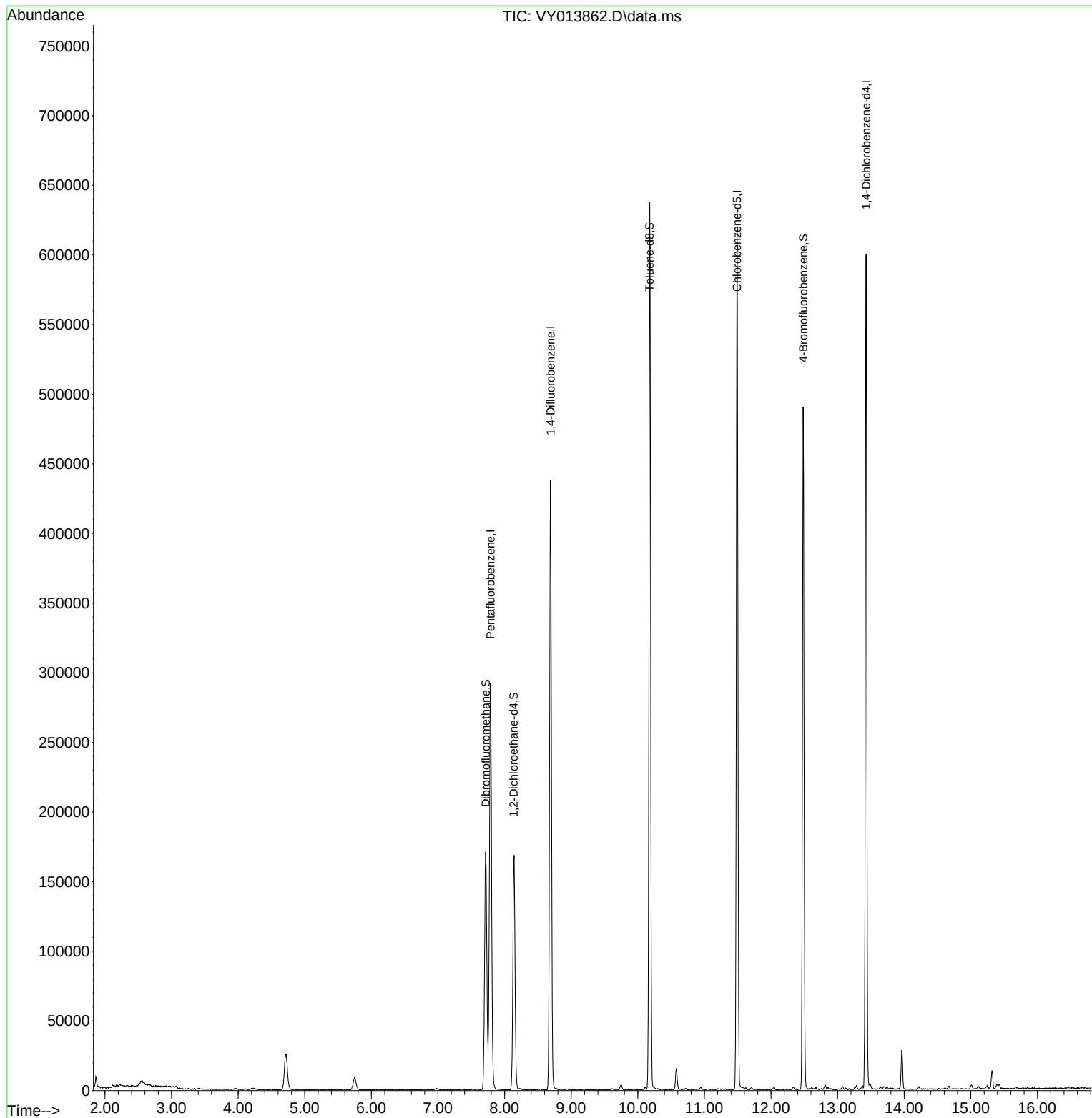
Target Compounds	Qvalue

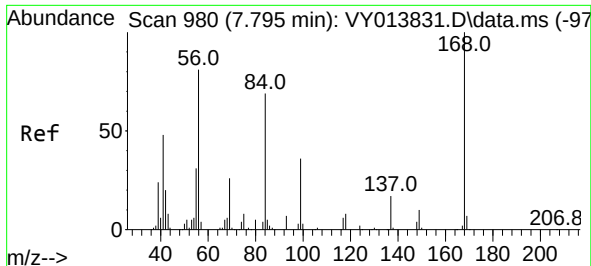
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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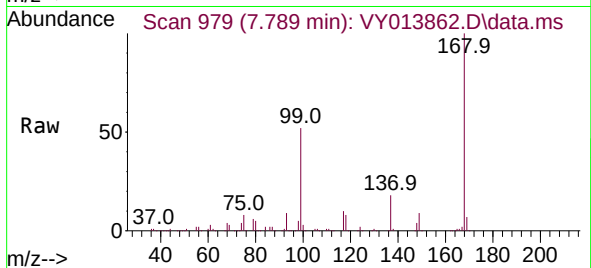
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052323S.M
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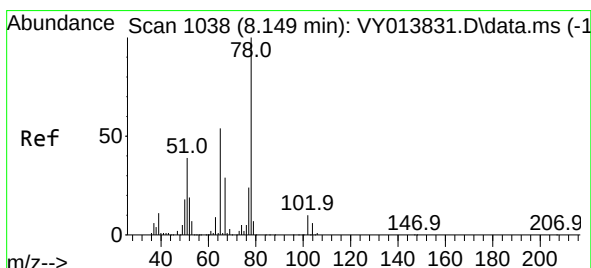
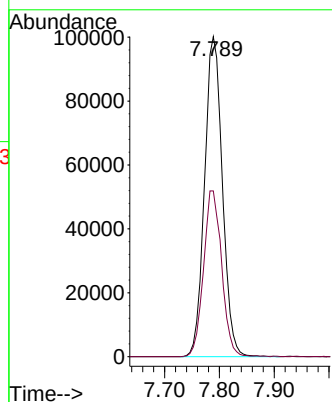
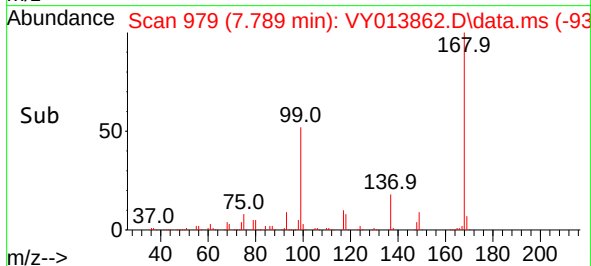


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013862.D
Acq: 25 May 2023 10:31

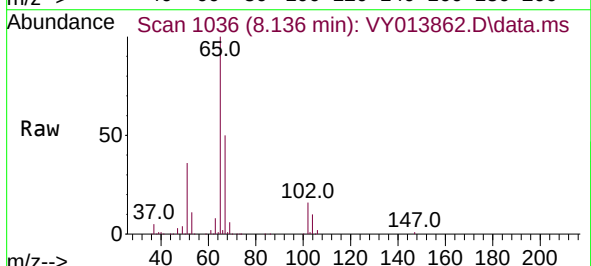
Instrument :
MSVOA_Y
ClientSampleId :
VY0525SBL01



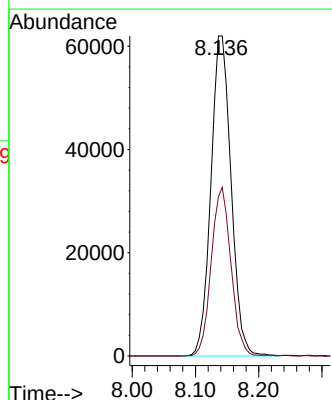
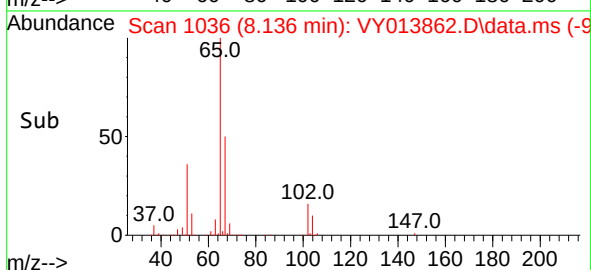
Tgt Ion:168 Resp: 226020
Ion Ratio Lower Upper
168 100
99 51.8 43.4 65.2

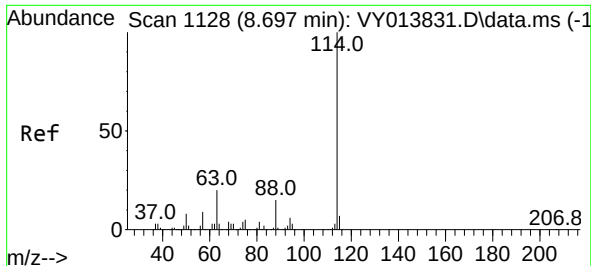


#33
1,2-Dichloroethane-d4
Concen: 52.638 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.012 min
Lab File: VY013862.D
Acq: 25 May 2023 10:31



Tgt Ion: 65 Resp: 137639
Ion Ratio Lower Upper
65 100
67 51.3 0.0 104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VY013862.D

Acq: 25 May 2023 10:31

Instrument :

MSVOA_Y

ClientSampleId :

VY0525SBL01

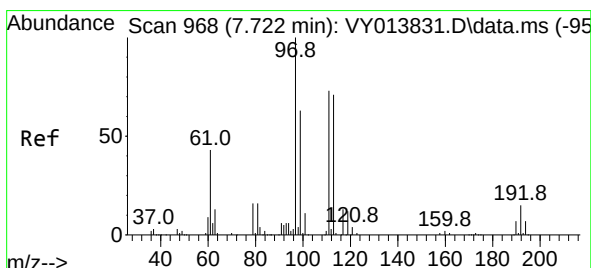
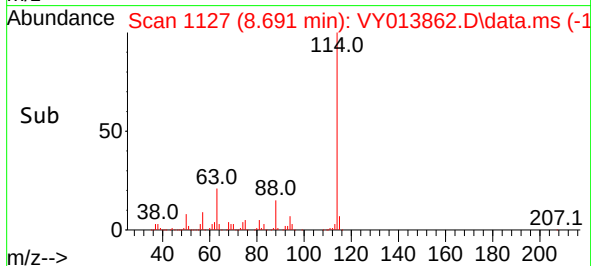
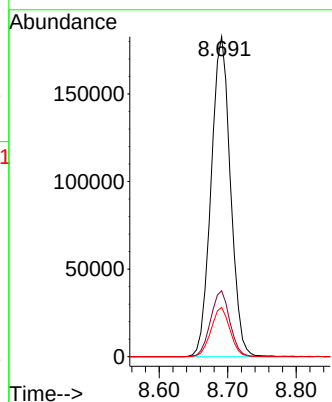
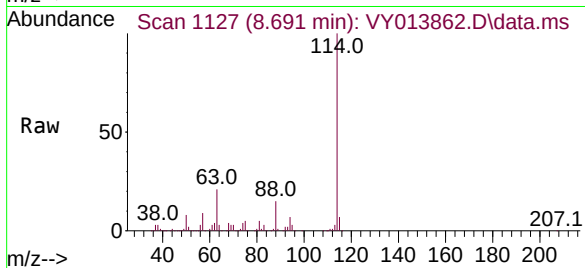
Tgt Ion:114 Resp: 358321

Ion Ratio Lower Upper

114 100

63 20.6 0.0 40.2

88 15.4 0.0 30.0



#35

Dibromofluoromethane

Concen: 50.433 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.006 min

Lab File: VY013862.D

Acq: 25 May 2023 10:31

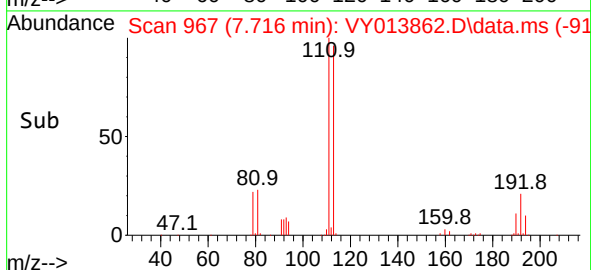
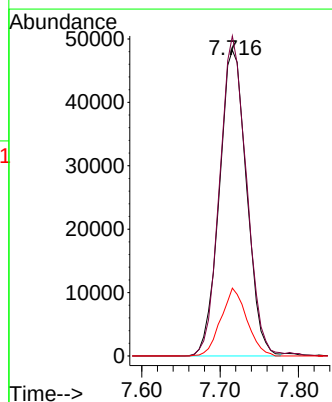
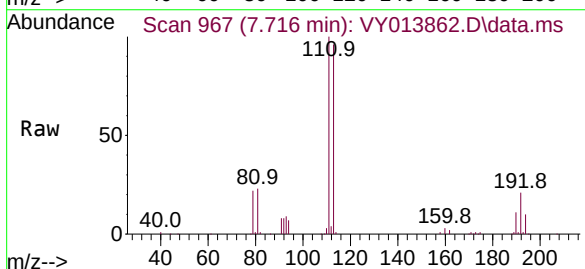
Tgt Ion:113 Resp: 116704

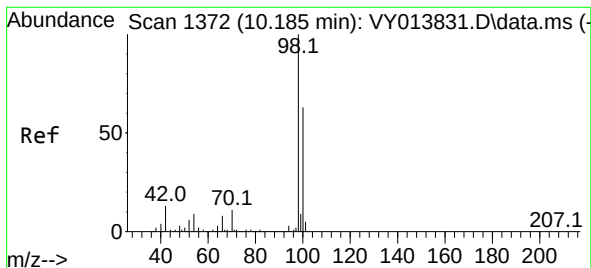
Ion Ratio Lower Upper

113 100

111 102.7 80.4 120.6

192 21.1 16.6 25.0

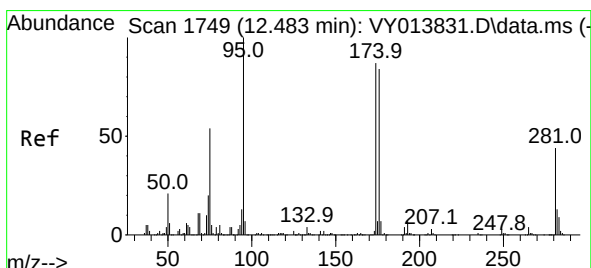
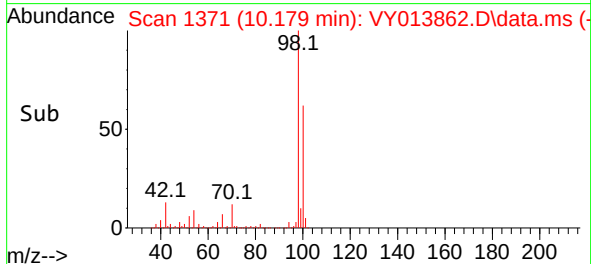
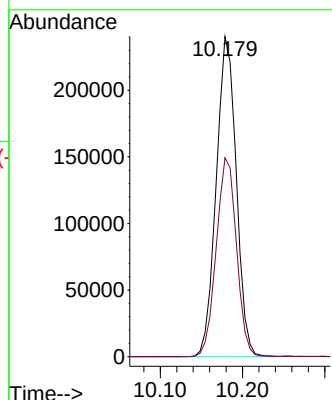
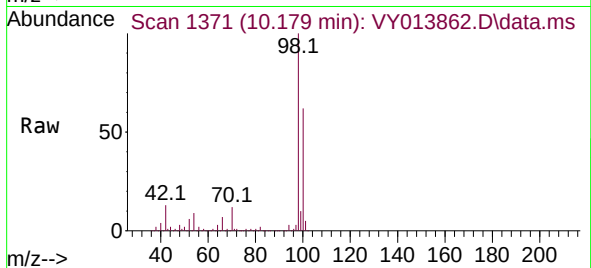




#50
Toluene-d8
Concen: 46.347 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY013862.D
Acq: 25 May 2023 10:31

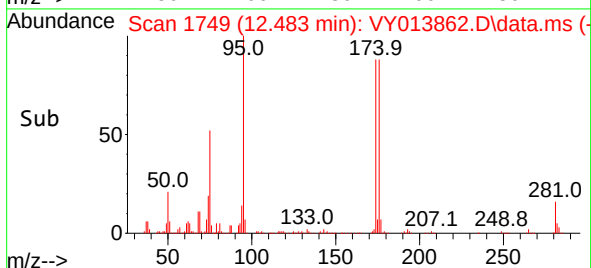
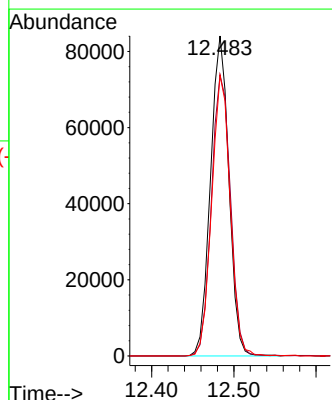
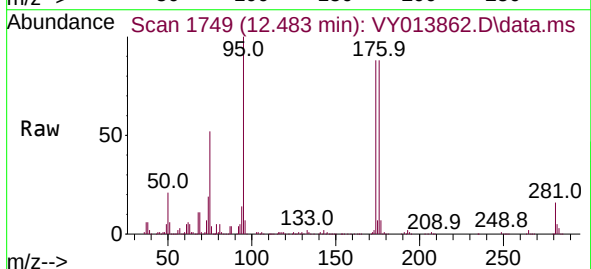
Instrument :
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VY0525SBL01

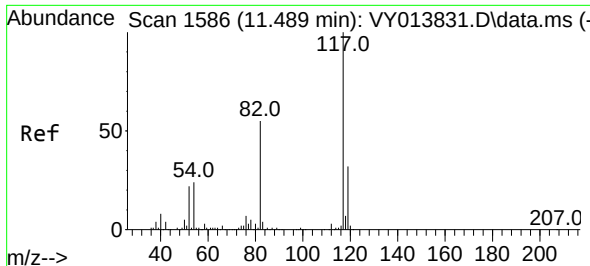
Tgt Ion: 98 Resp: 407619
Ion Ratio Lower Upper
98 100
100 62.7 50.8 76.2



#62
4-Bromofluorobenzene
Concen: 44.660 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY013862.D
Acq: 25 May 2023 10:31

Tgt Ion: 95 Resp: 130562
Ion Ratio Lower Upper
95 100
174 91.1 0.0 176.0
176 88.3 0.0 170.2

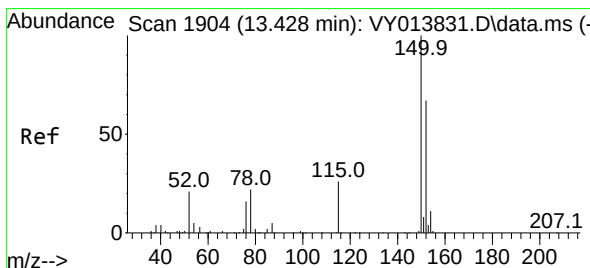
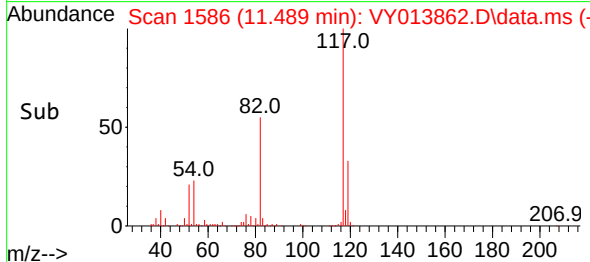
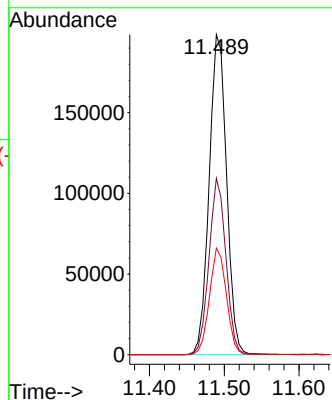
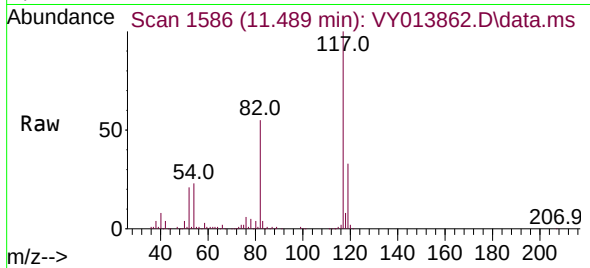




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013862.D
Acq: 25 May 2023 10:31

Instrument :
MSVOA_Y
ClientSampleId :
VY0525SBL01

Tgt Ion:117 Resp: 320819
Ion Ratio Lower Upper
117 100
82 55.1 44.2 66.4
119 33.3 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY013862.D
Acq: 25 May 2023 10:31

Tgt Ion:152 Resp: 149726
Ion Ratio Lower Upper
152 100
115 56.5 28.8 86.5
150 155.3 0.0 353.4

