

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101323\
 Data File : VY015958.D
 Acq On : 13 Oct 2023 15:31
 Operator : SY/MD
 Sample : 04844-09
 Misc : 5.09g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OR-603-COMP-07

Quant Time: Oct 13 16:08:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 13 13:13:02 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	101400	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	158044	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	133476	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	58740	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	47564	41.101	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	82.200%
35) Dibromofluoromethane	7.728	113	48378	48.622	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.240%
50) Toluene-d8	10.185	98	184370	49.481	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.960%
62) 4-Bromofluorobenzene	12.489	95	56238	42.386	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	84.780%

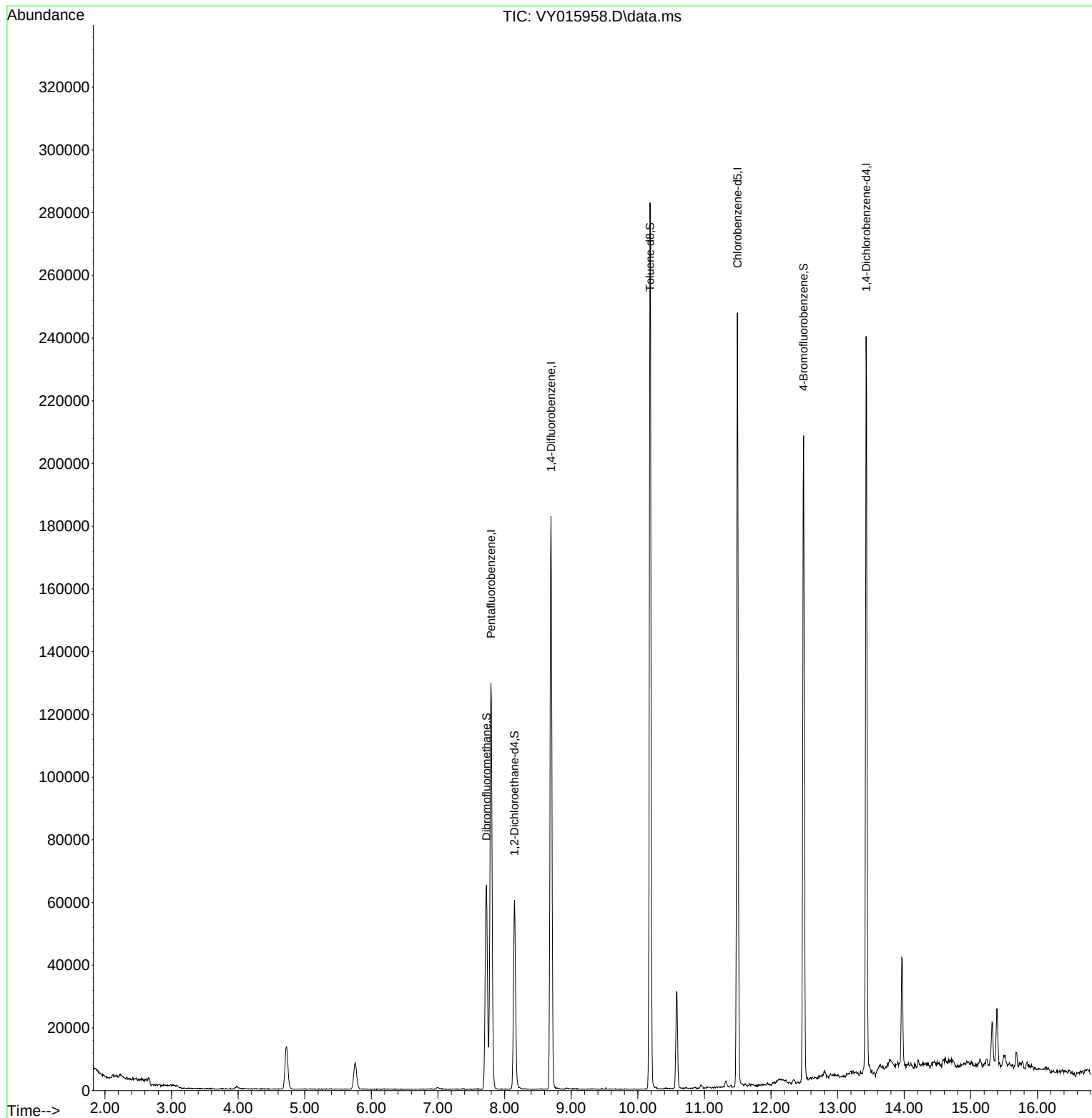
Target Compounds	Qvalue

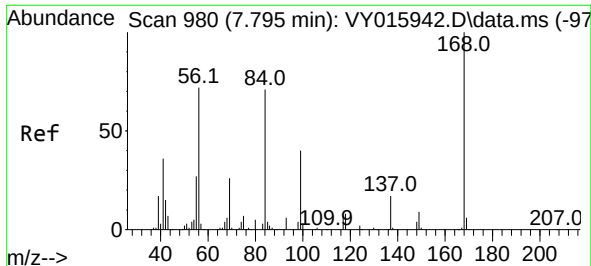
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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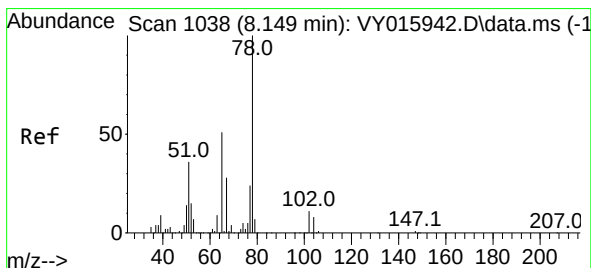
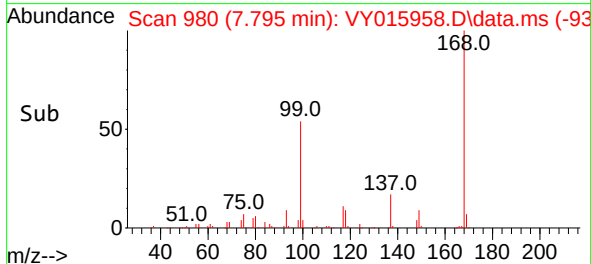
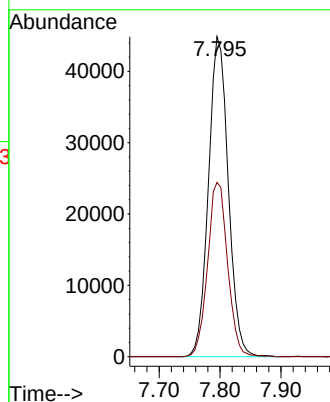
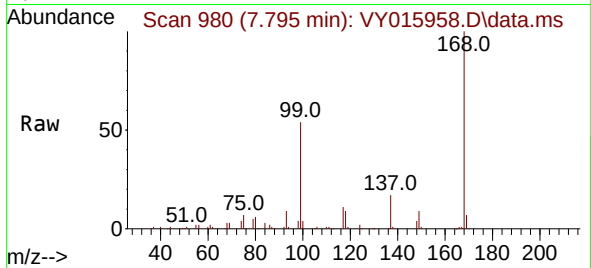




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY015958.D
Acq: 13 Oct 2023 15:31

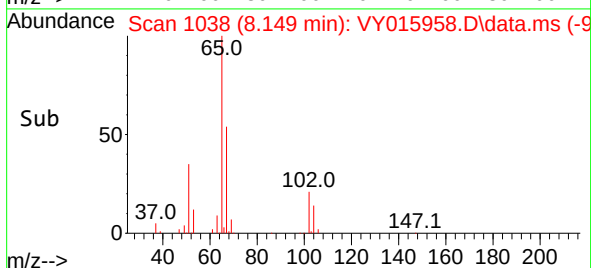
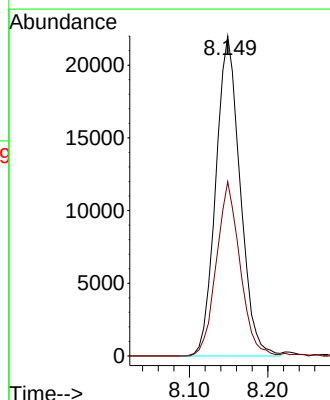
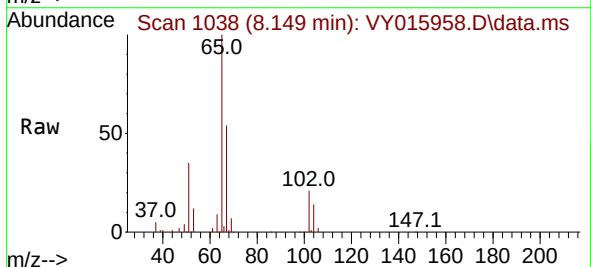
Instrument :
MSVOA_Y
ClientSampleId :
OR-603-COMP-07

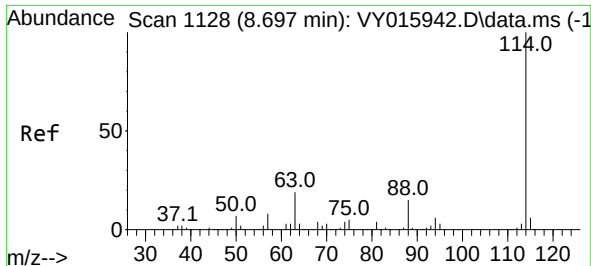
Tgt Ion:168 Resp: 101400
Ion Ratio Lower Upper
168 100
99 54.5 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 41.101 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY015958.D
Acq: 13 Oct 2023 15:31

Tgt Ion: 65 Resp: 47564
Ion Ratio Lower Upper
65 100
67 52.9 0.0 101.8

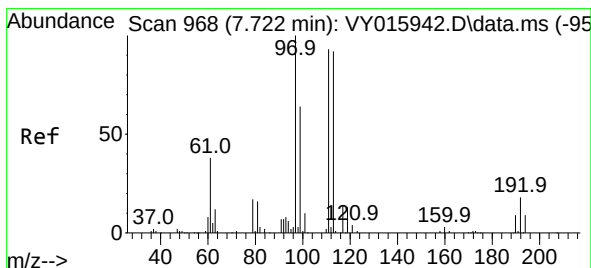
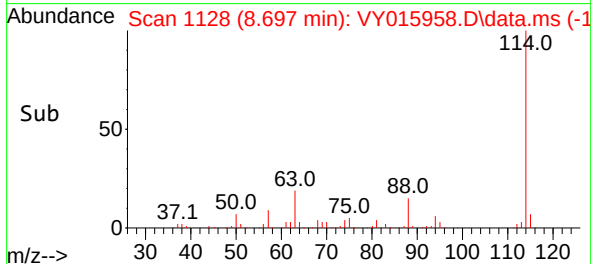
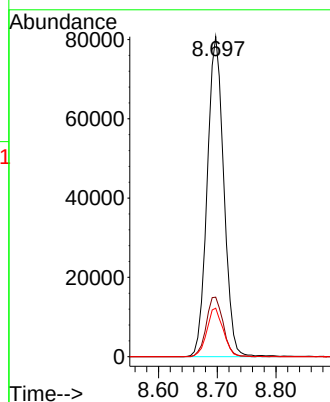
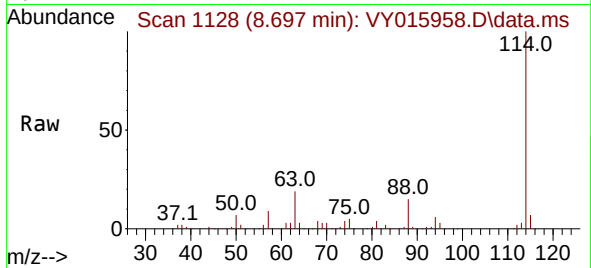




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY015958.D
Acq: 13 Oct 2023 15:31

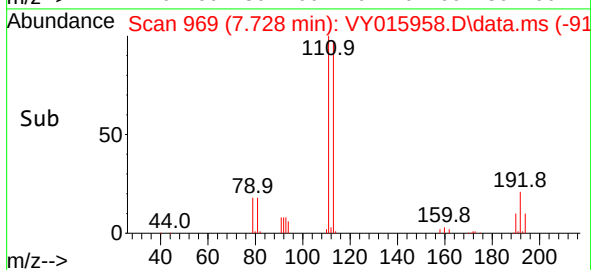
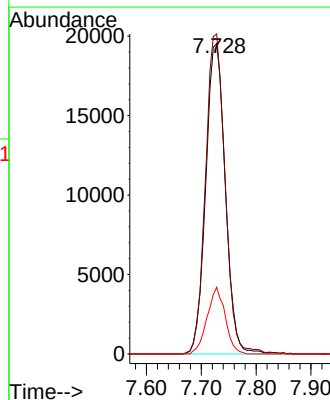
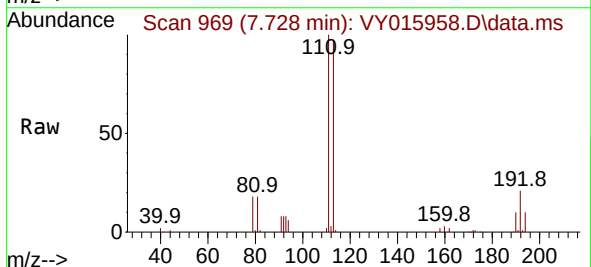
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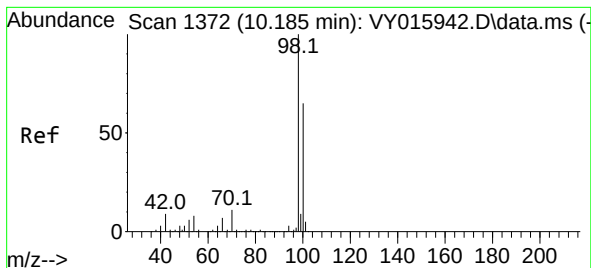
Tgt Ion:114 Resp: 158044
Ion Ratio Lower Upper
114 100
63 18.6 0.0 42.4
88 15.1 0.0 30.6



#35
Dibromofluoromethane
Concen: 48.622 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.006 min
Lab File: VY015958.D
Acq: 13 Oct 2023 15:31

Tgt Ion:113 Resp: 48378
Ion Ratio Lower Upper
113 100
111 103.0 81.3 121.9
192 19.9 16.9 25.3

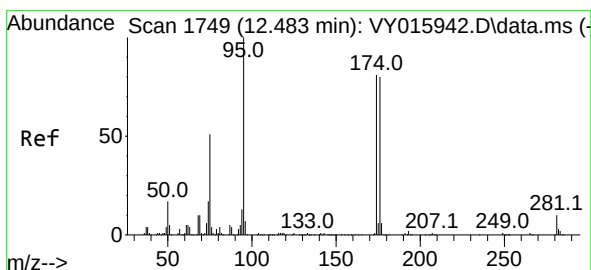
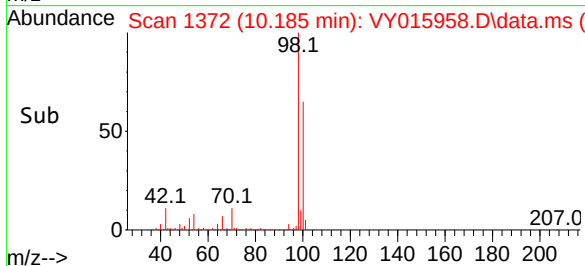
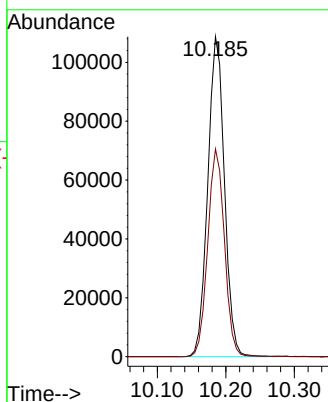
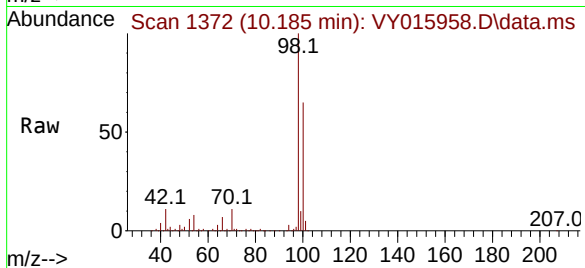




#50
Toluene-d8
Concen: 49.481 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015958.D
Acq: 13 Oct 2023 15:31

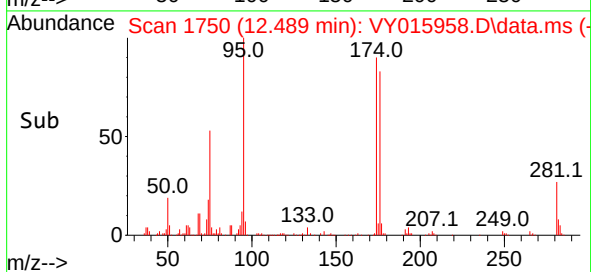
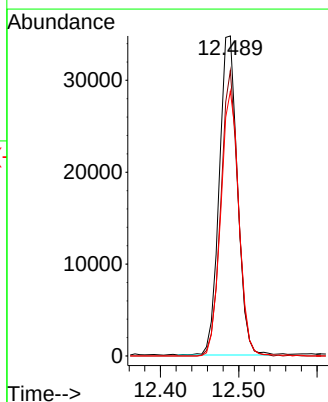
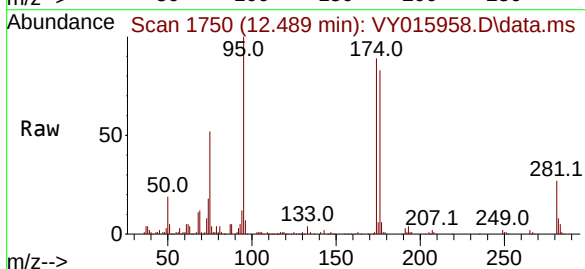
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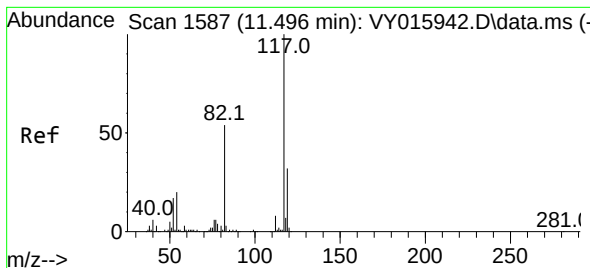
Tgt Ion: 98 Resp: 184370
Ion Ratio Lower Upper
98 100
100 64.9 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 42.386 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY015958.D
Acq: 13 Oct 2023 15:31

Tgt Ion: 95 Resp: 56238
Ion Ratio Lower Upper
95 100
174 85.1 0.0 178.2
176 82.9 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY015958.D

Acq: 13 Oct 2023 15:31

Instrument :

MSVOA_Y

ClientSampleId :

OR-603-COMP-07

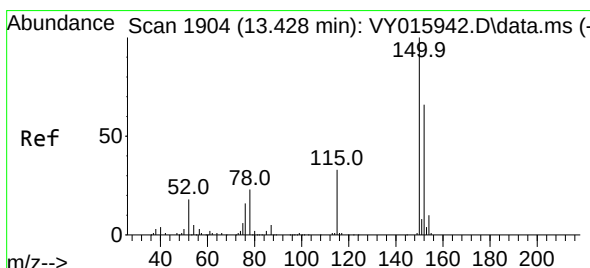
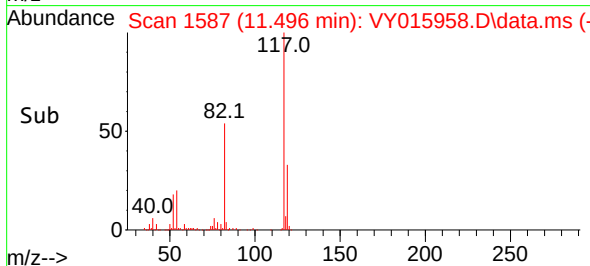
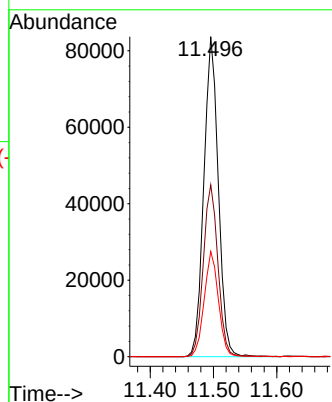
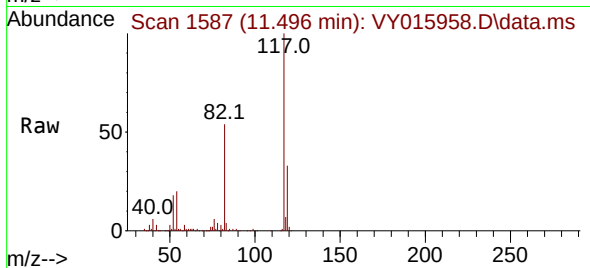
Tgt Ion:117 Resp: 133476

Ion Ratio Lower Upper

117 100

82 53.7 43.4 65.0

119 32.9 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: VY015958.D

Acq: 13 Oct 2023 15:31

Tgt Ion:152 Resp: 58740

Ion Ratio Lower Upper

152 100

115 57.8 28.8 86.5

150 161.0 0.0 348.8

