

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020624\
 Data File : VY017267.D
 Acq On : 06 Feb 2024 16:13
 Operator : SY/MD
 Sample : P1364-02
 Misc : 4.07g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-2

Quant Time: Feb 07 00:09:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020124S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 02 00:56:04 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	72260	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	138211	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	122906	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	47833	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	44620	69.122	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	138.240%
35) Dibromofluoromethane	7.722	113	46749	62.645	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	125.300%
50) Toluene-d8	10.185	98	159924	58.860	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	117.720%
62) 4-Bromofluorobenzene	12.489	95	45475	51.092	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	102.180%

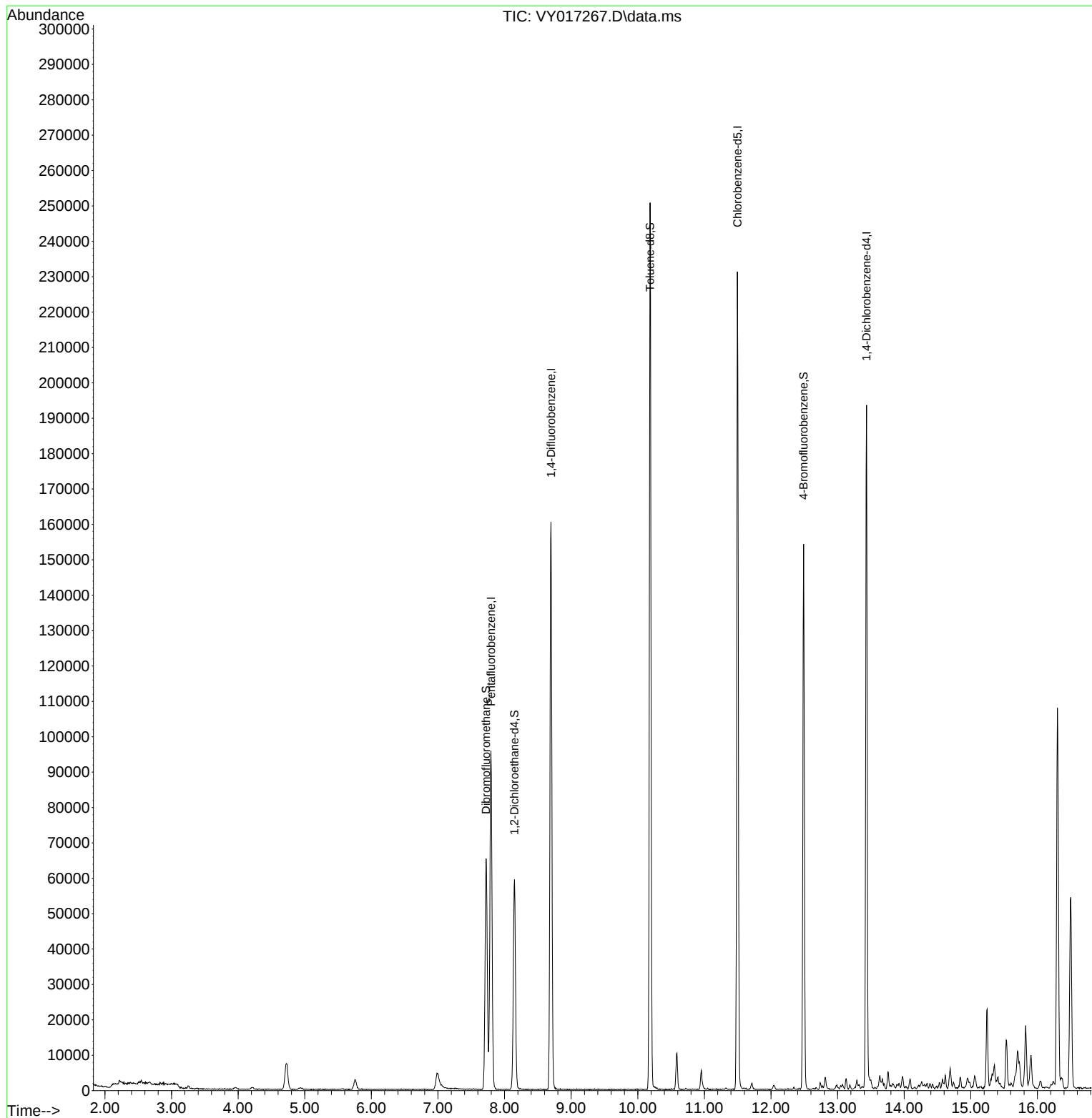
Target Compounds	Qvalue

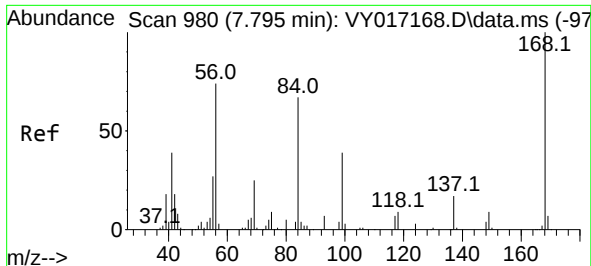
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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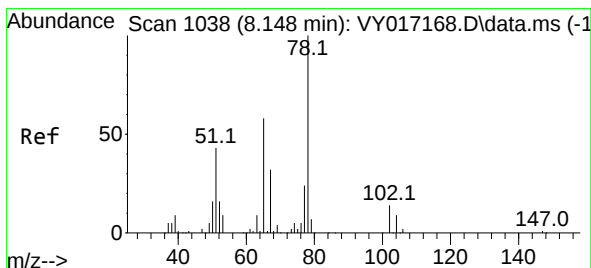
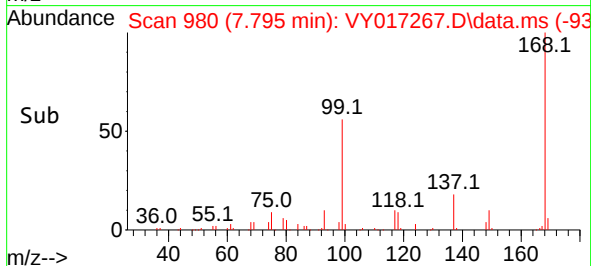
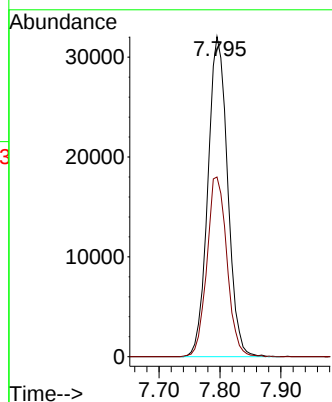
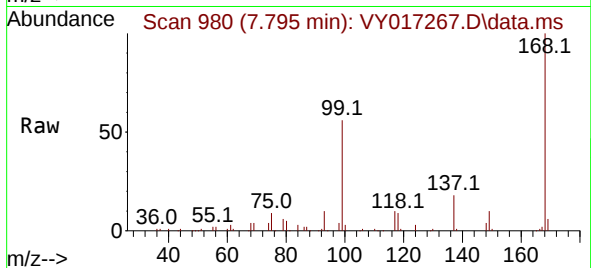




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY017267.D
Acq: 06 Feb 2024 16:13

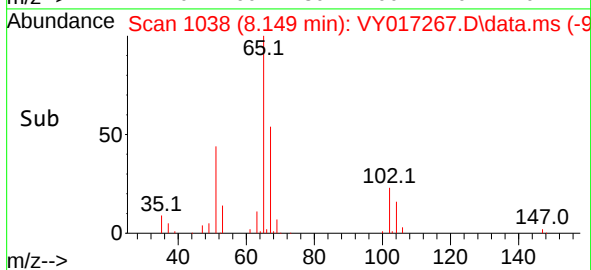
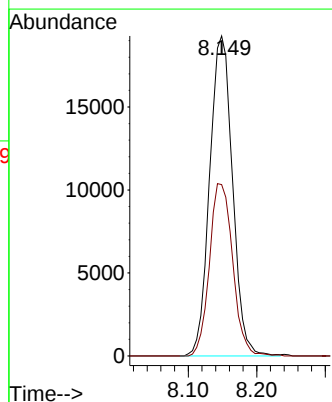
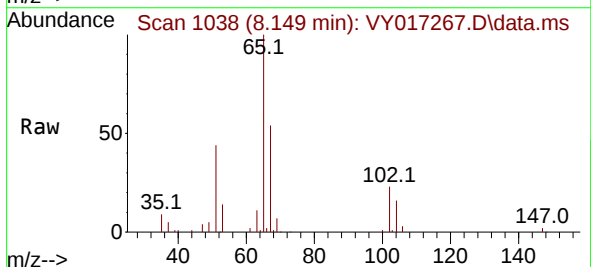
Instrument :
MSVOA_Y
ClientSampleId :
COMP-2

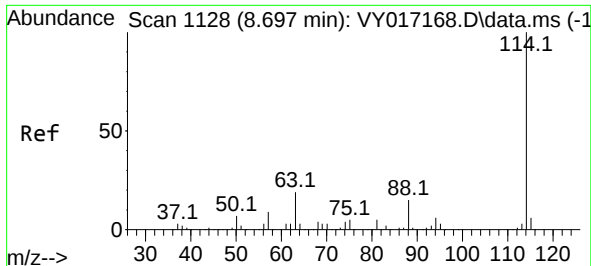
Tgt Ion:168 Resp: 72260
Ion Ratio Lower Upper
168 100
99 56.1 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 69.122 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY017267.D
Acq: 06 Feb 2024 16:13

Tgt Ion: 65 Resp: 44620
Ion Ratio Lower Upper
65 100
67 54.8 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VY017267.D

Acq: 06 Feb 2024 16:13

Instrument :

MSVOA_Y

ClientSampleId :

COMP-2

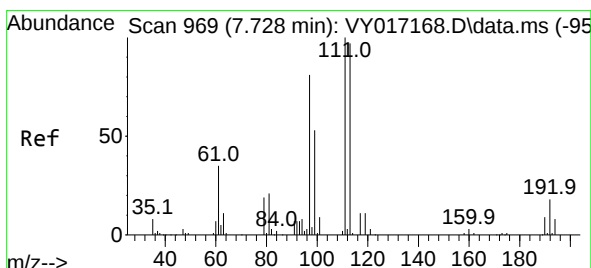
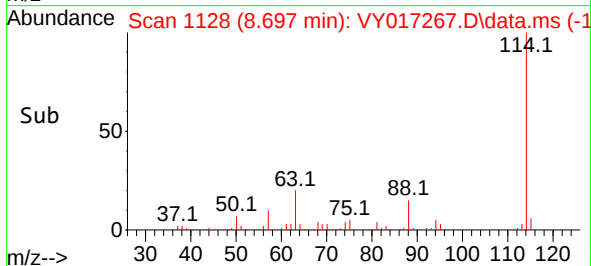
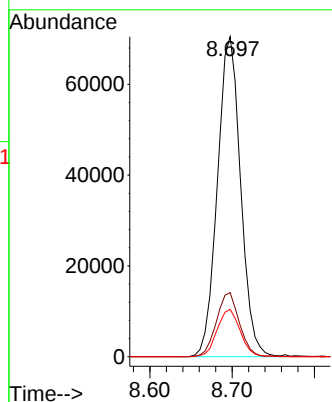
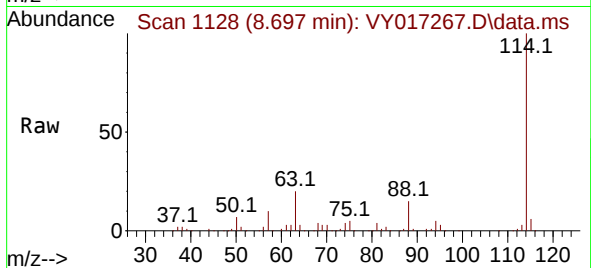
Tgt Ion:114 Resp: 138211

Ion Ratio Lower Upper

114 100

63 20.0 0.0 37.4

88 14.8 0.0 29.0



#35

Dibromofluoromethane

Concen: 62.645 ug/l

RT: 7.722 min Scan# 968

Delta R.T. -0.006 min

Lab File: VY017267.D

Acq: 06 Feb 2024 16:13

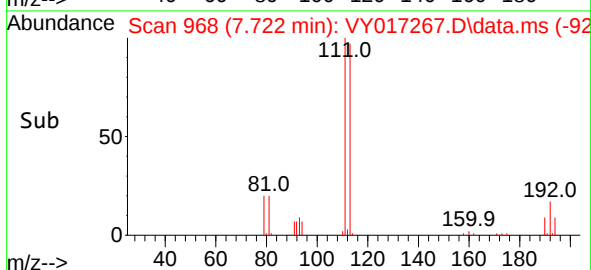
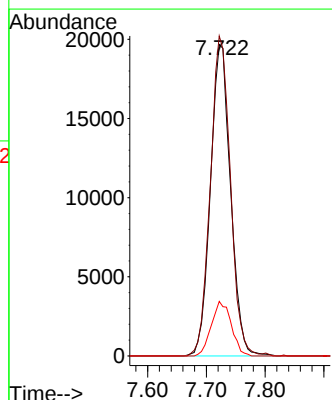
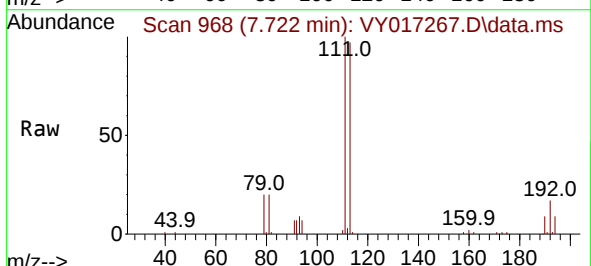
Tgt Ion:113 Resp: 46749

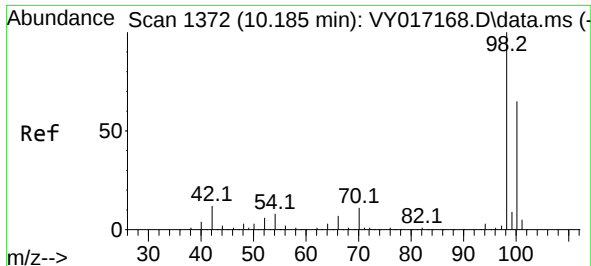
Ion Ratio Lower Upper

113 100

111 102.5 83.8 125.6

192 17.4 14.5 21.7

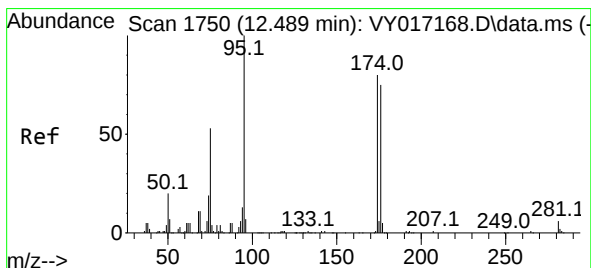
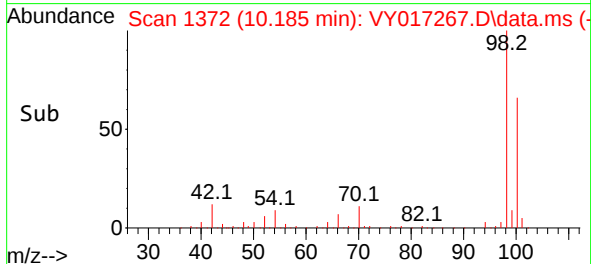
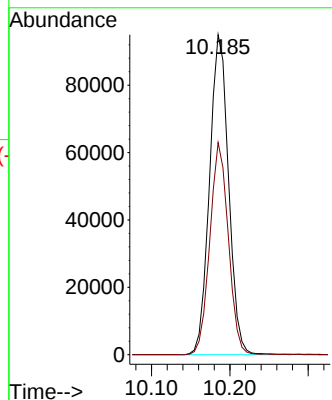
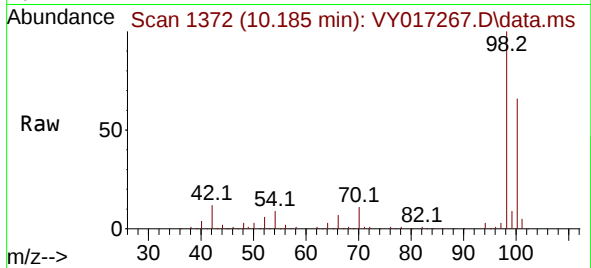




#50
Toluene-d8
Concen: 58.860 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017267.D
Acq: 06 Feb 2024 16:13

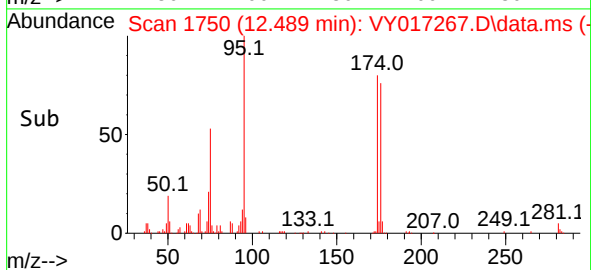
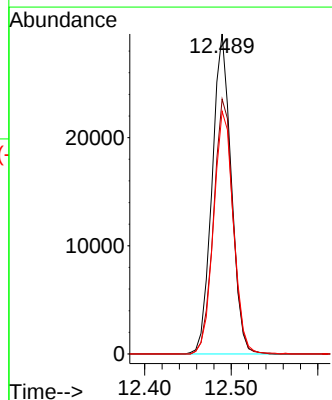
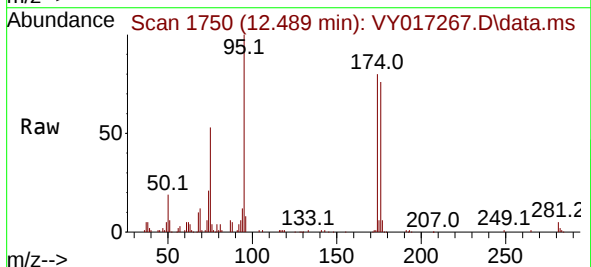
Instrument :
MSVOA_Y
ClientSampleId :
COMP-2

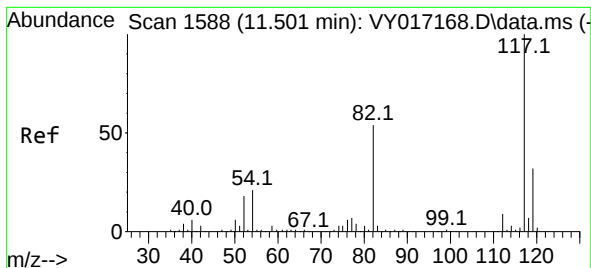
Tgt Ion: 98 Resp: 159924
Ion Ratio Lower Upper
98 100
100 64.5 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 51.092 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VY017267.D
Acq: 06 Feb 2024 16:13

Tgt Ion: 95 Resp: 45475
Ion Ratio Lower Upper
95 100
174 80.6 0.0 160.0
176 78.5 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY017267.D

Acq: 06 Feb 2024 16:13

Instrument :

MSVOA_Y

ClientSampleId :

COMP-2

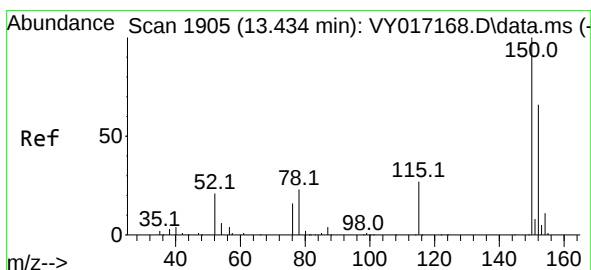
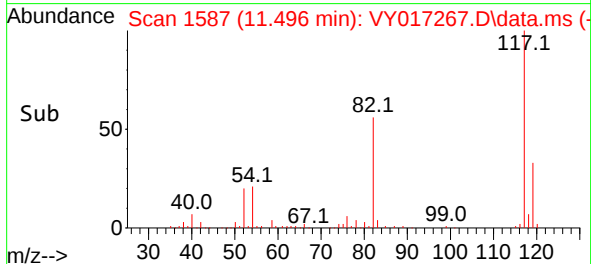
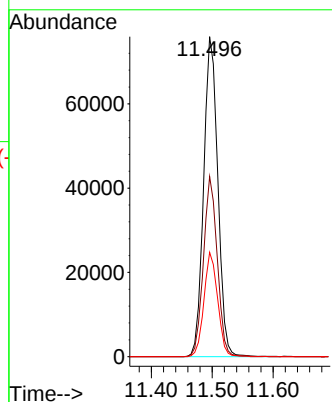
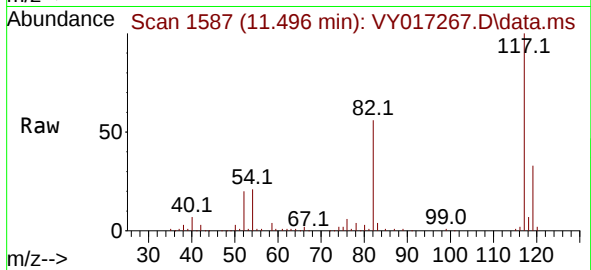
Tgt Ion:117 Resp: 122906

Ion Ratio Lower Upper

117 100

82 56.3 43.8 65.8

119 32.6 26.5 39.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. 0.000 min

Lab File: VY017267.D

Acq: 06 Feb 2024 16:13

Tgt Ion:152 Resp: 47833

Ion Ratio Lower Upper

152 100

115 58.8 30.0 90.0

150 156.8 0.0 344.6

