

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042324\
 Data File : VY018016.D
 Acq On : 23 Apr 2024 09:47
 Operator : SY/MD
 Sample : VY0423SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0423SBL01

Quant Time: Apr 24 01:10:54 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041624S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 06:24:42 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	306425	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	557210	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	484940	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	171463	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	154543	58.280	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	116.560%
35) Dibromofluoromethane	7.722	113	178373	51.888	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.780%
50) Toluene-d8	10.185	98	651103	49.915	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.840%
62) 4-Bromofluorobenzene	12.489	95	167874	41.555	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	83.100%

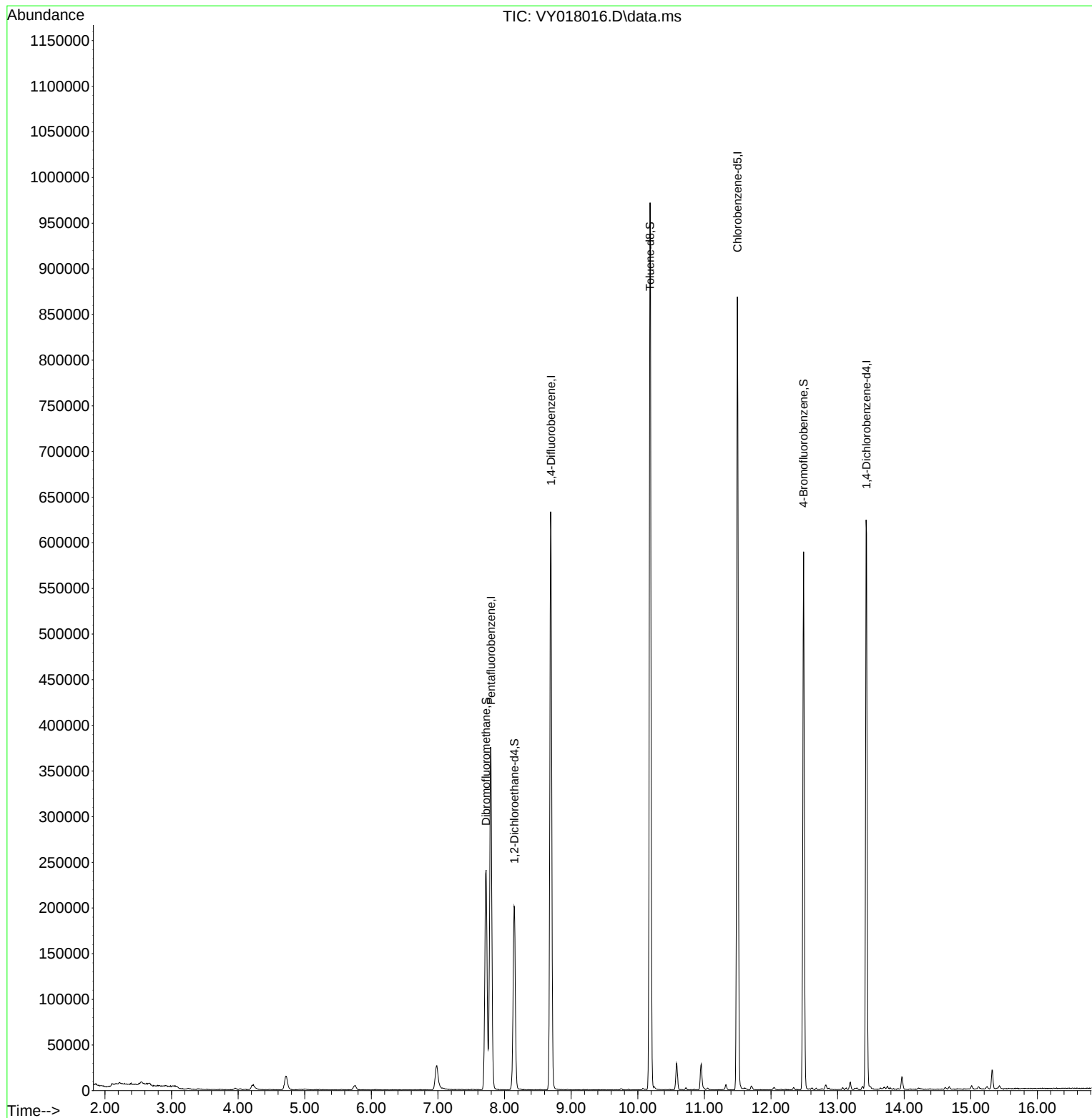
Target Compounds	Qvalue

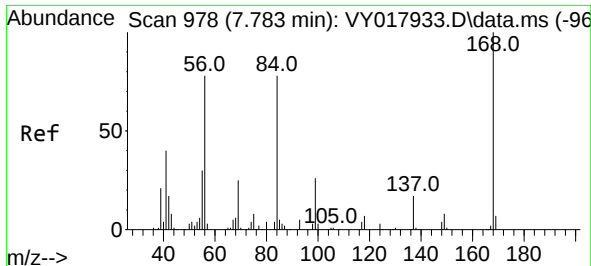
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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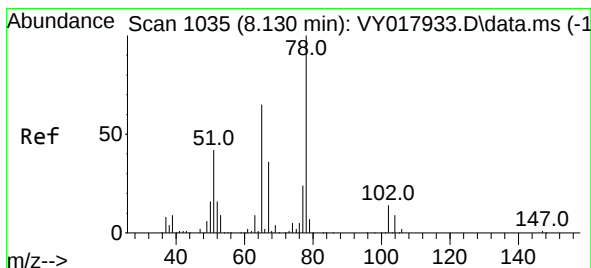
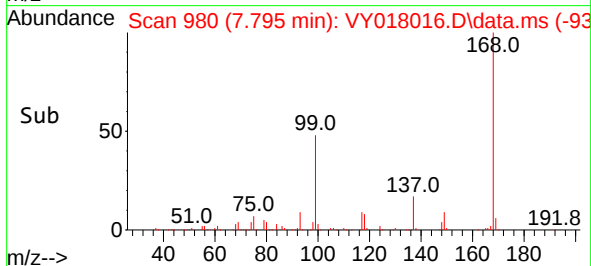
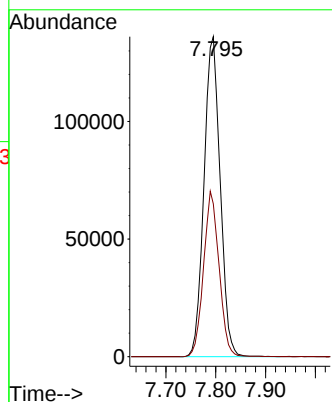
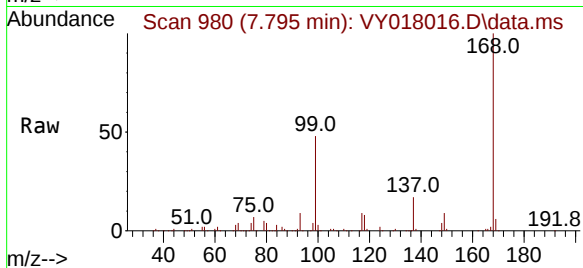




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY018016.D
Acq: 23 Apr 2024 09:47

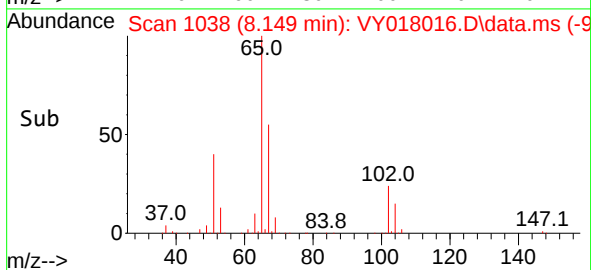
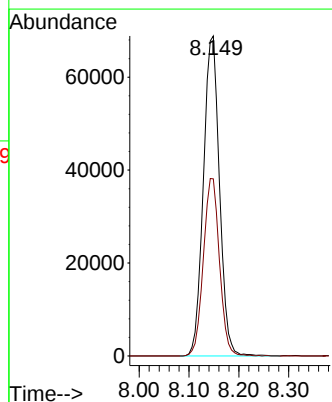
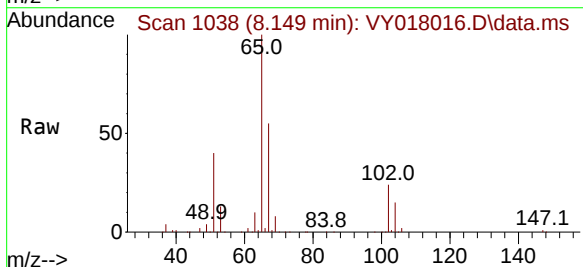
Instrument :
MSVOA_Y
ClientSampleId :
VY0423SBL01

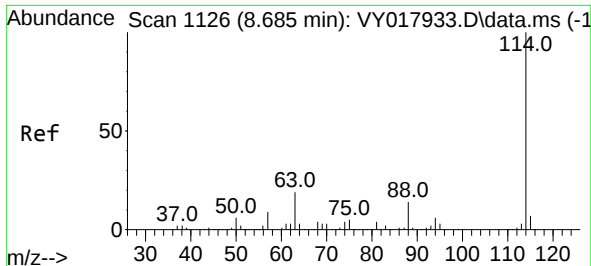
Tgt Ion:168 Resp: 306425
Ion Ratio Lower Upper
168 100
99 47.8 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 58.280 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VY018016.D
Acq: 23 Apr 2024 09:47

Tgt Ion: 65 Resp: 154543
Ion Ratio Lower Upper
65 100
67 55.4 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VY018016.D

Acq: 23 Apr 2024 09:47

Instrument :

MSVOA_Y

ClientSampleId :

VY0423SBL01

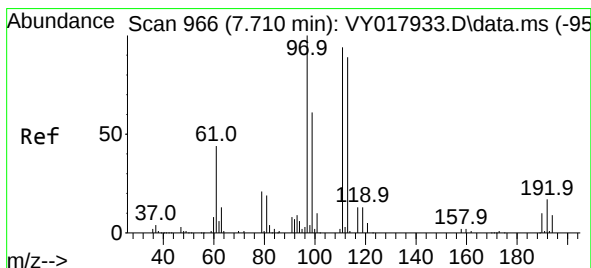
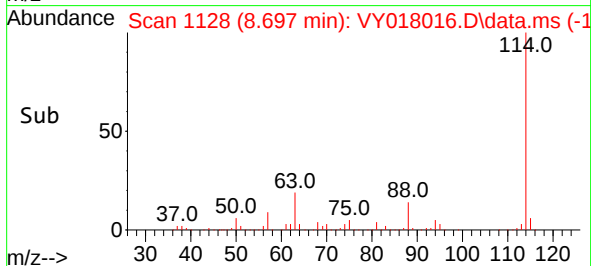
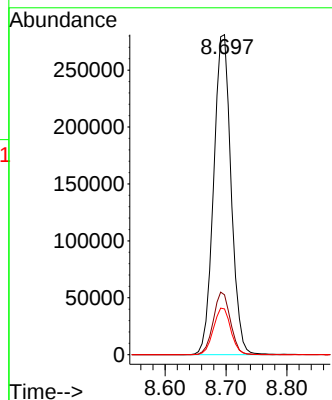
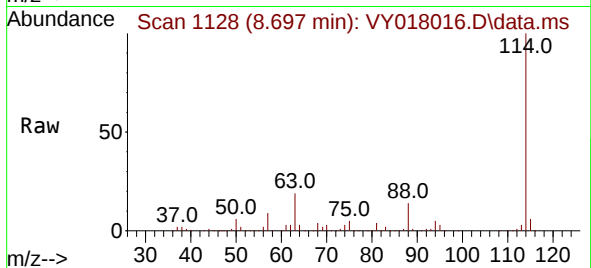
Tgt Ion:114 Resp: 557210

Ion Ratio Lower Upper

114 100

63 18.7 0.0 35.0

88 14.3 0.0 27.2



#35

Dibromofluoromethane

Concen: 51.888 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.000 min

Lab File: VY018016.D

Acq: 23 Apr 2024 09:47

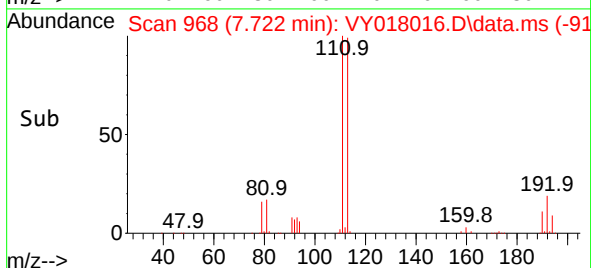
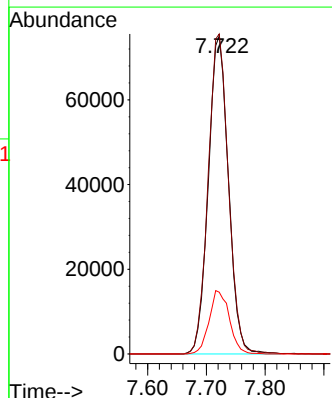
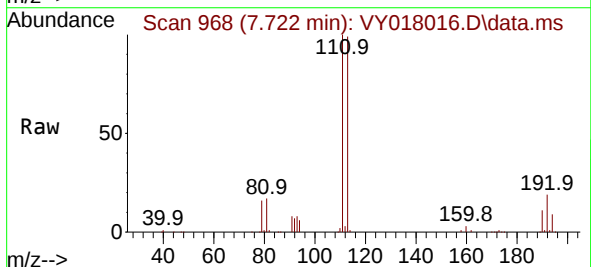
Tgt Ion:113 Resp: 178373

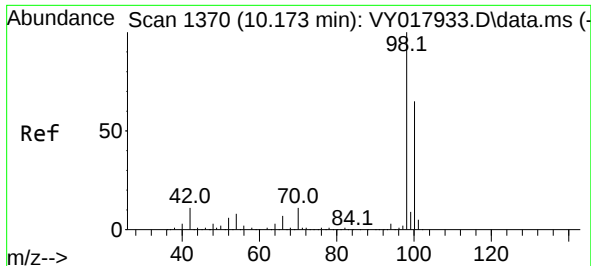
Ion Ratio Lower Upper

113 100

111 101.7 82.2 123.4

192 20.0 15.9 23.9

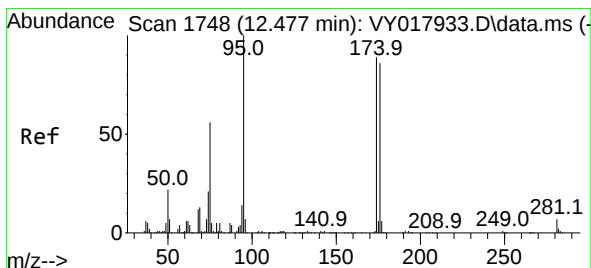
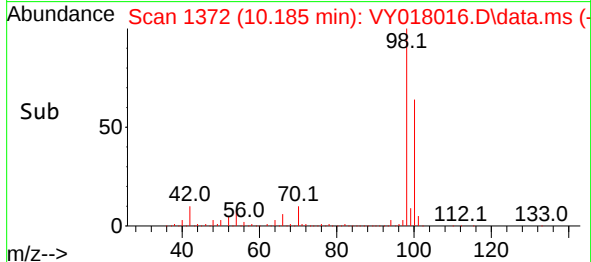
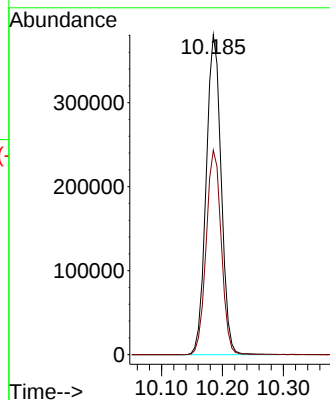
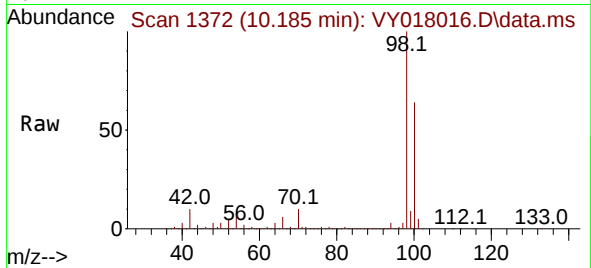




#50
Toluene-d8
Concen: 49.915 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY018016.D
Acq: 23 Apr 2024 09:47

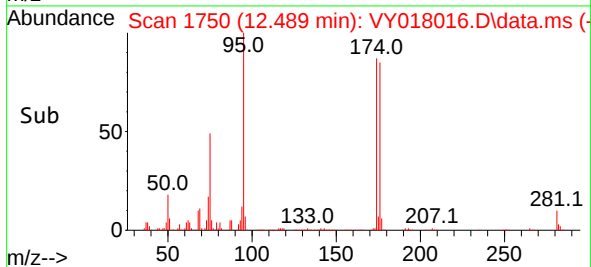
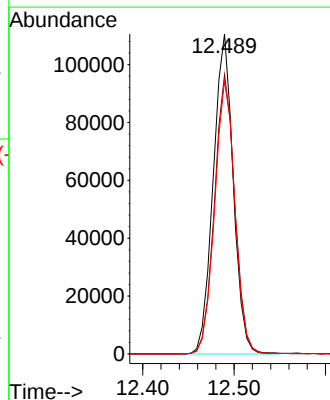
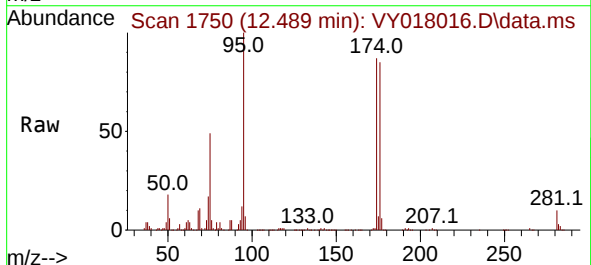
Instrument :
MSVOA_Y
ClientSampleId :
VY0423SBL01

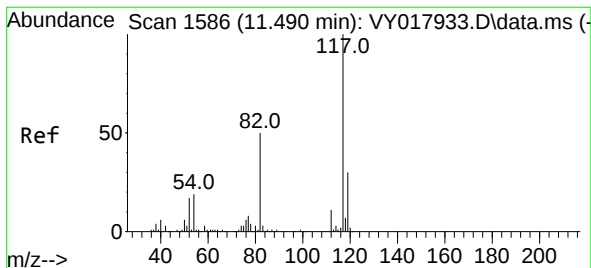
Tgt Ion: 98 Resp: 651103
Ion Ratio Lower Upper
98 100
100 64.2 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 41.555 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY018016.D
Acq: 23 Apr 2024 09:47

Tgt Ion: 95 Resp: 167874
Ion Ratio Lower Upper
95 100
174 88.8 0.0 175.6
176 86.4 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY018016.D

Acq: 23 Apr 2024 09:47

Instrument :

MSVOA_Y

ClientSampleId :

VY0423SBL01

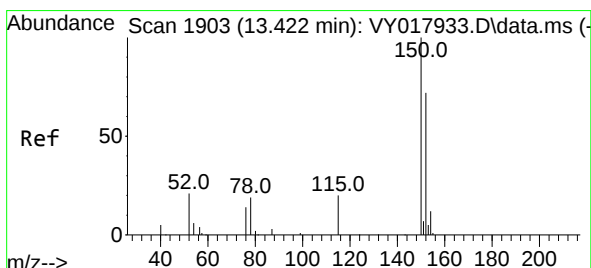
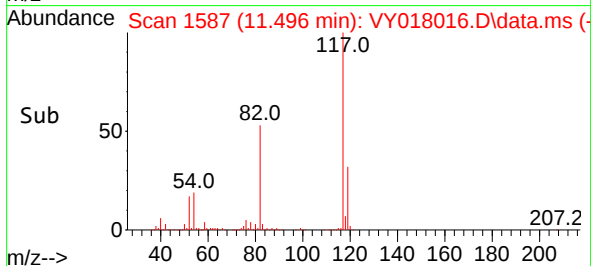
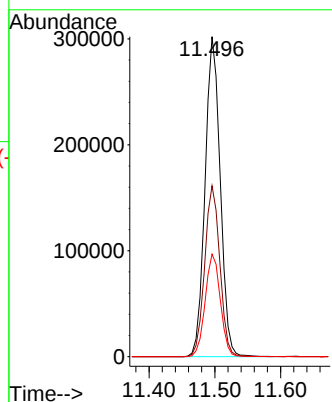
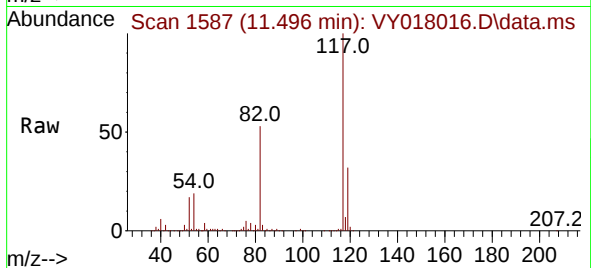
Tgt Ion:117 Resp: 484940

Ion Ratio Lower Upper

117 100

82 53.4 42.4 63.6

119 32.0 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. 0.006 min

Lab File: VY018016.D

Acq: 23 Apr 2024 09:47

Tgt Ion:152 Resp: 171463

Ion Ratio Lower Upper

152 100

115 55.4 28.2 84.7

150 155.2 0.0 345.6

