

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011024\
 Data File : VY016968.D
 Acq On : 10 Jan 2024 13:16
 Operator : SY/MD
 Sample : P1085-03RE
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-2RE

Quant Time: Jan 11 00:11:33 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 02 14:25:32 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	14484	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	23906	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	16967	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	4304	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	4472	31.239	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	62.480%
35) Dibromofluoromethane	7.728	113	5271	34.601	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	69.200%
50) Toluene-d8	10.191	98	18964	36.151	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	72.300%
62) 4-Bromofluorobenzene	12.489	95	3915	22.120	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	44.240%

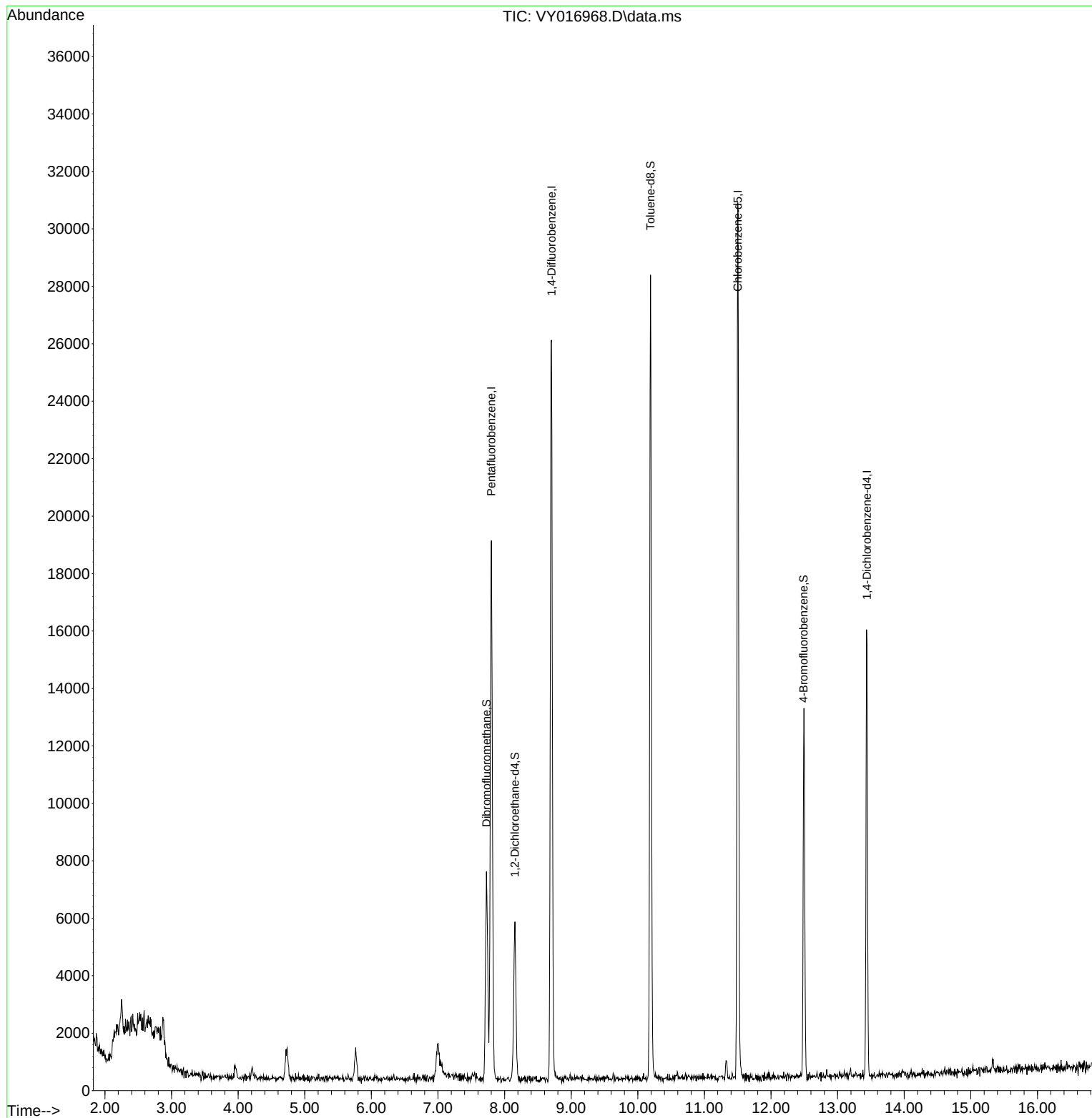
Target Compounds	Qvalue

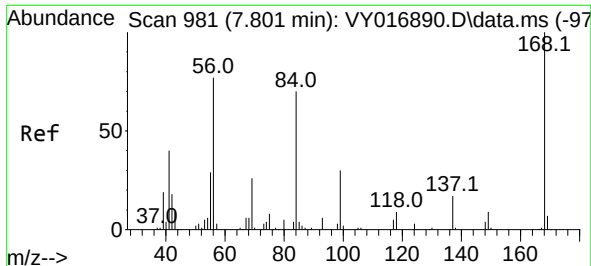
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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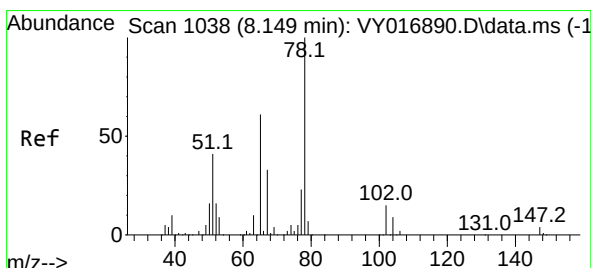
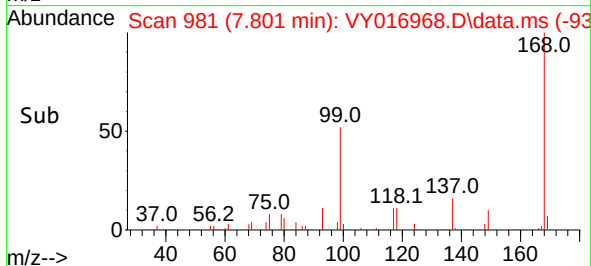
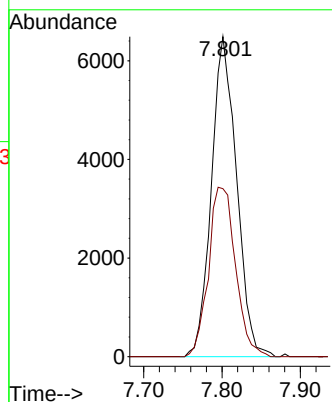
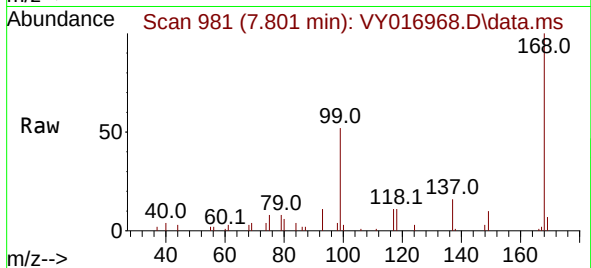




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY016968.D
Acq: 10 Jan 2024 13:16

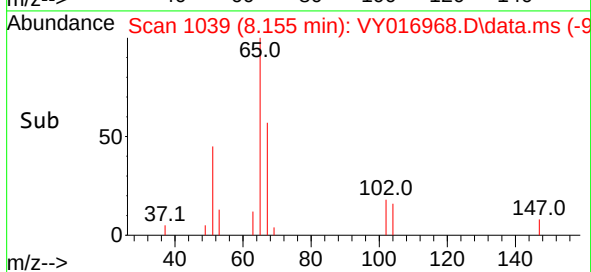
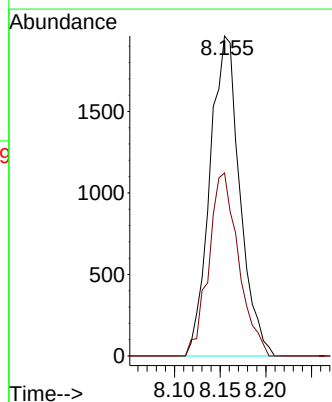
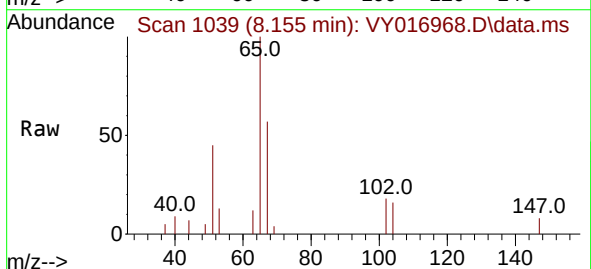
Instrument :
MSVOA_Y
ClientSampleId :
TP-2RE

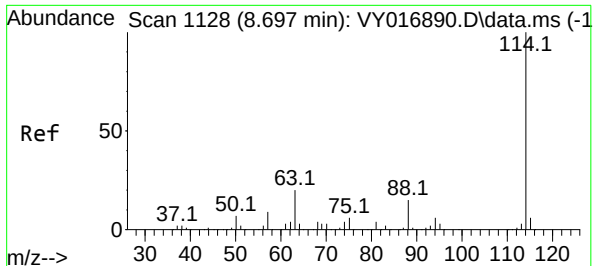
Tgt Ion:168 Resp: 14484
Ion Ratio Lower Upper
168 100
99 52.5 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 31.239 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY016968.D
Acq: 10 Jan 2024 13:16

Tgt Ion: 65 Resp: 4472
Ion Ratio Lower Upper
65 100
67 56.9 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VY016968.D

Acq: 10 Jan 2024 13:16

Instrument :

MSVOA_Y

ClientSampleId :

TP-2RE

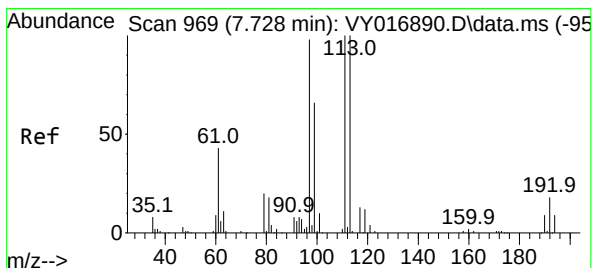
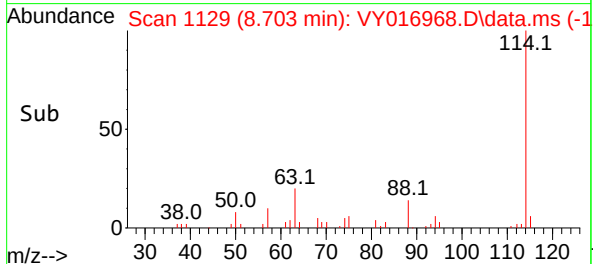
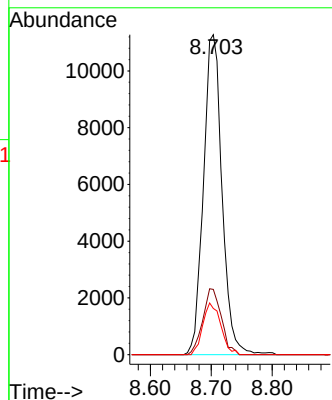
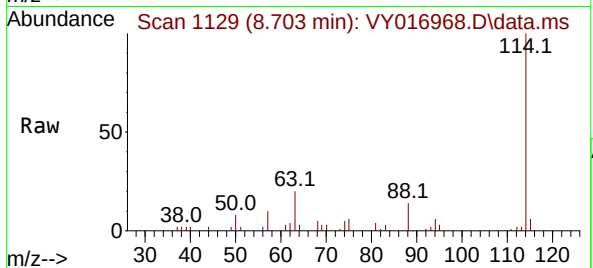
Tgt Ion:114 Resp: 23906

Ion Ratio Lower Upper

114 100

63 20.4 0.0 37.4

88 14.4 0.0 29.0



#35

Dibromofluoromethane

Concen: 34.601 ug/l

RT: 7.728 min Scan# 969

Delta R.T. -0.000 min

Lab File: VY016968.D

Acq: 10 Jan 2024 13:16

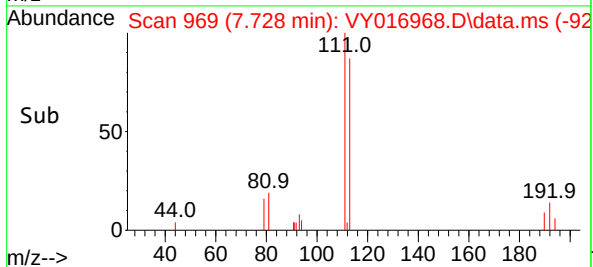
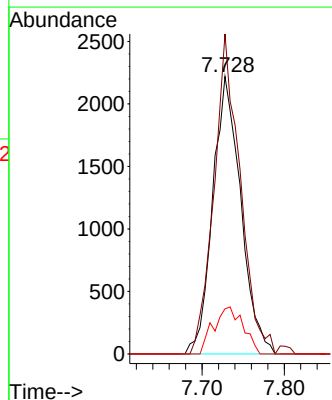
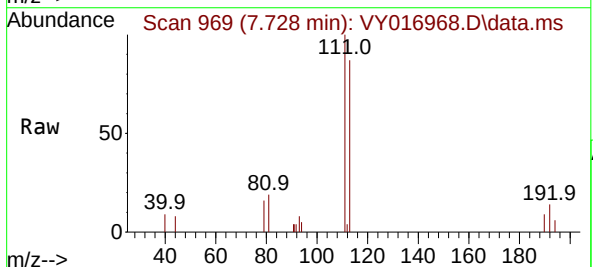
Tgt Ion:113 Resp: 5271

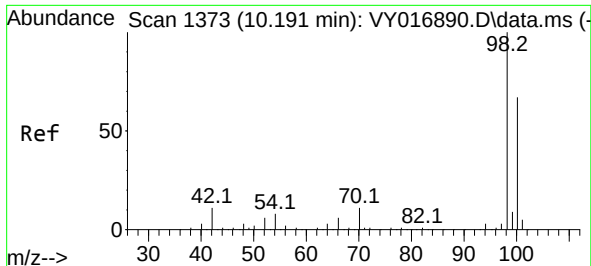
Ion Ratio Lower Upper

113 100

111 108.5 83.8 125.6

192 17.8 14.5 21.7

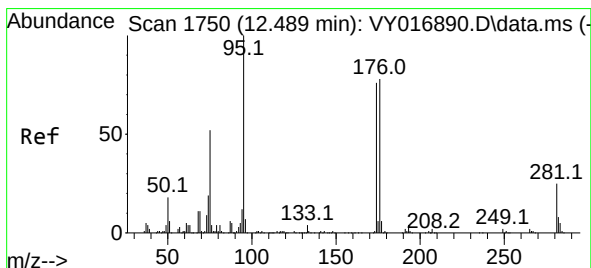
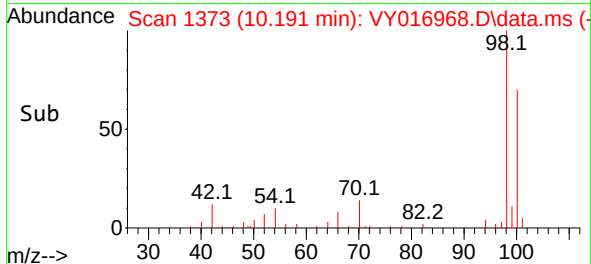
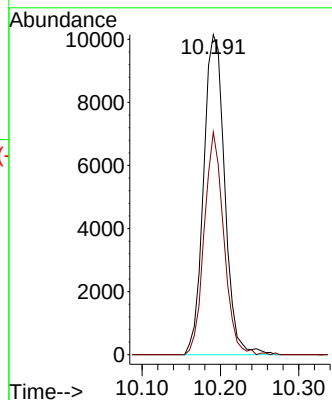
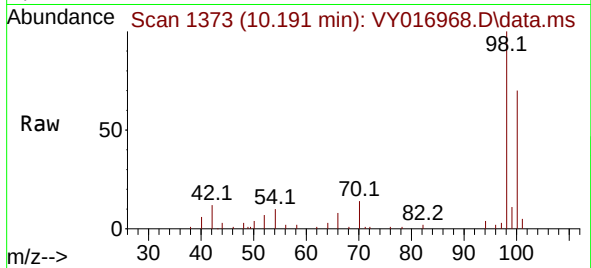




#50
Toluene-d8
Concen: 36.151 ug/l
RT: 10.191 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016968.D
Acq: 10 Jan 2024 13:16

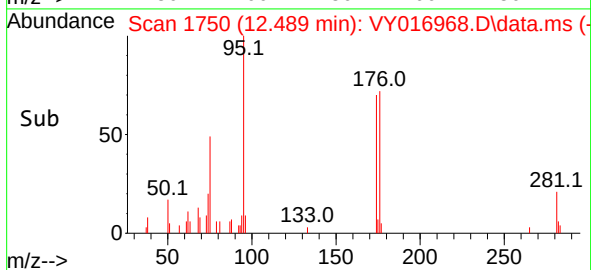
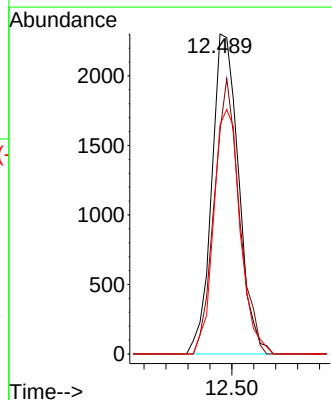
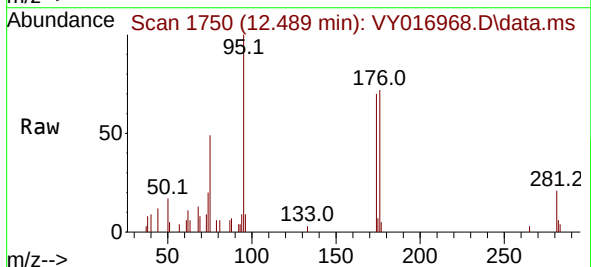
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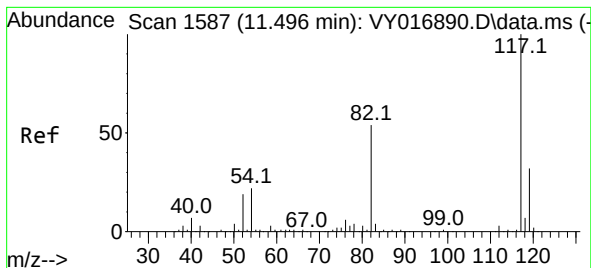
Tgt Ion: 98 Resp: 18964
Ion Ratio Lower Upper
98 100
100 64.3 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 22.120 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VY016968.D
Acq: 10 Jan 2024 13:16

Tgt Ion: 95 Resp: 3915
Ion Ratio Lower Upper
95 100
174 80.1 0.0 160.0
176 75.6 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.502 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY016968.D

Acq: 10 Jan 2024 13:16

Instrument :

MSVOA_Y

ClientSampleId :

TP-2RE

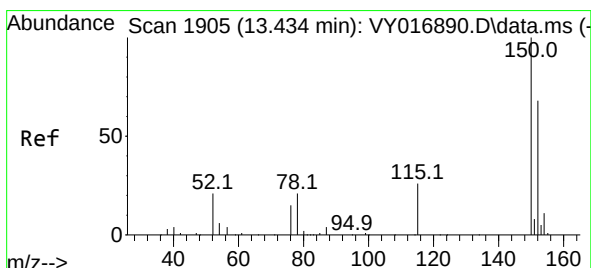
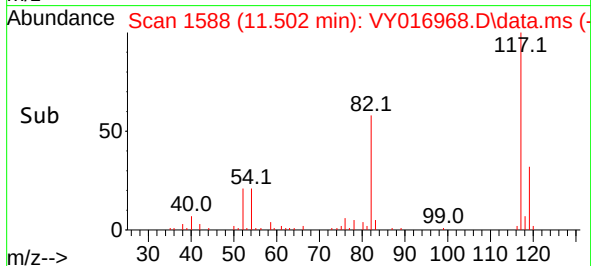
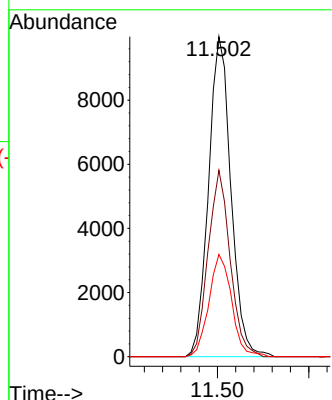
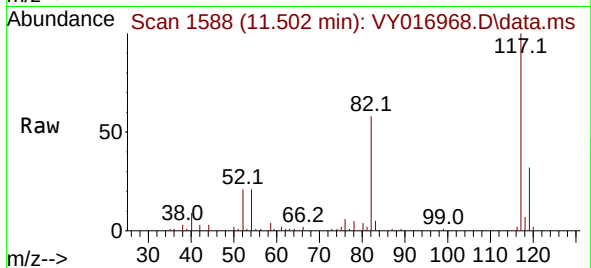
Tgt Ion:117 Resp: 16967

Ion Ratio Lower Upper

117 100

82 58.3 43.8 65.8

119 31.9 26.5 39.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.440 min Scan# 1906

Delta R.T. 0.006 min

Lab File: VY016968.D

Acq: 10 Jan 2024 13:16

Tgt Ion:152 Resp: 4304

Ion Ratio Lower Upper

152 100

115 56.9 30.0 90.0

150 151.9 0.0 344.6

