

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011024\
 Data File : VY016964.D
 Acq On : 10 Jan 2024 11:17
 Operator : SY/MD
 Sample : VY0110SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0110SBL01

Quant Time: Jan 11 00:09:16 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	7.807	168	111640	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.704	114	233175	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	223919	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	84350	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	55619	50.407	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	100.820%
35) Dibromofluoromethane	7.734	113	56518	38.037	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	76.080%
50) Toluene-d8	10.191	98	206528	40.364	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	80.720%
62) 4-Bromofluorobenzene	12.496	95	65386	37.877	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	75.760%

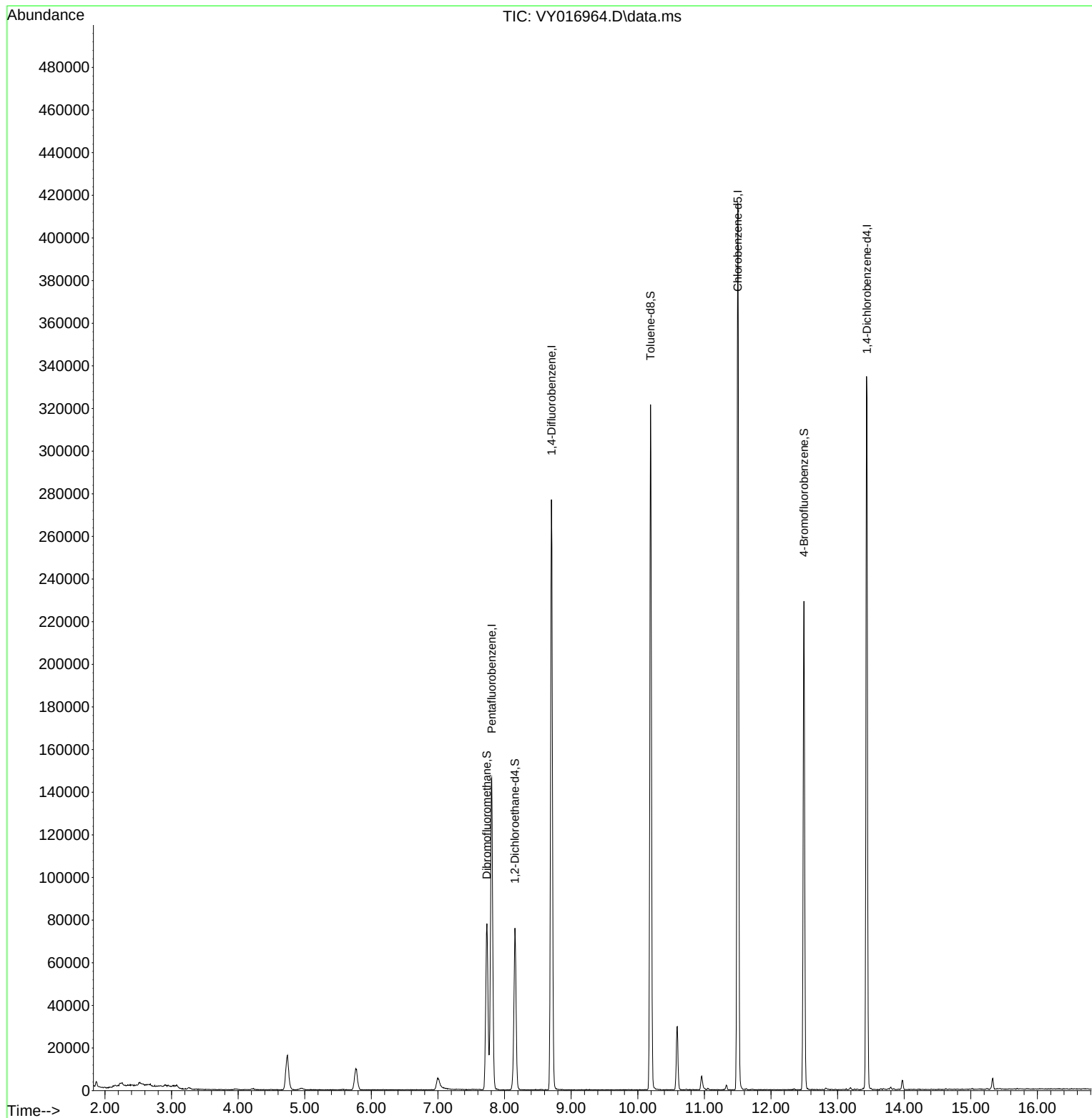
Target Compounds	Qvalue

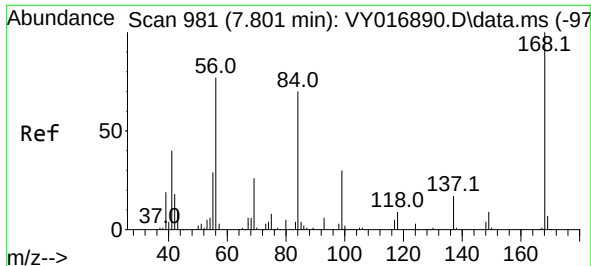
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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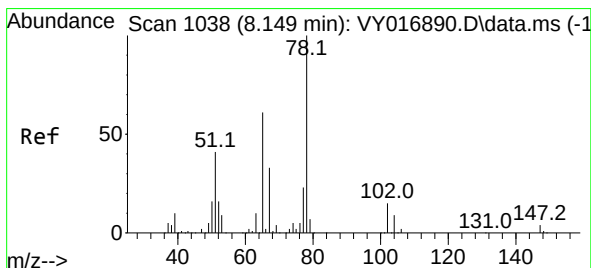
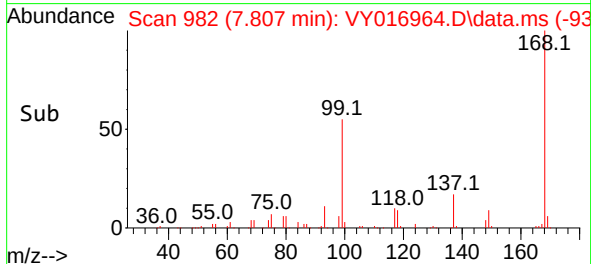
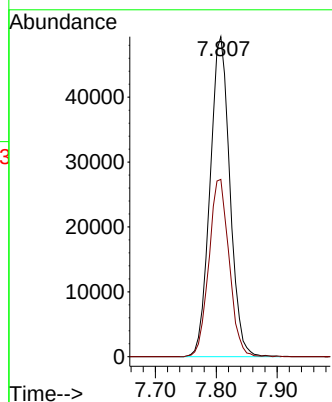
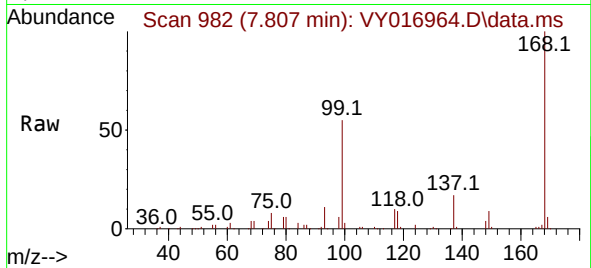




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY016964.D
Acq: 10 Jan 2024 11:17

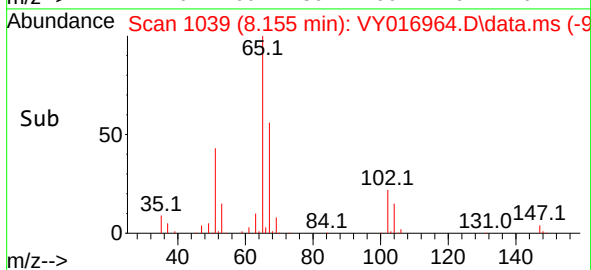
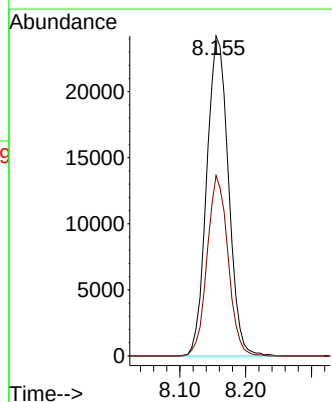
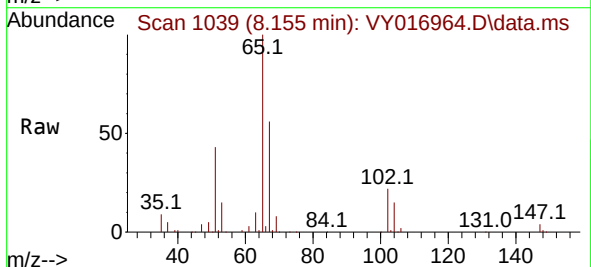
Instrument :
MSVOA_Y
ClientSampleId :
VY0110SBL01

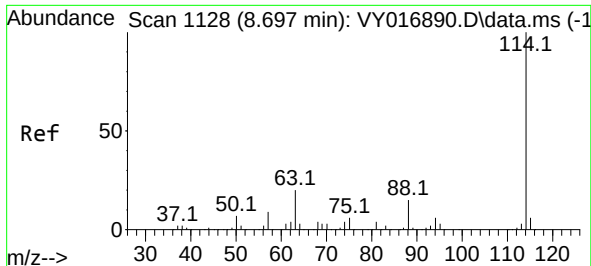
Tgt Ion:168 Resp: 111640
Ion Ratio Lower Upper
168 100
99 55.4 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 50.407 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY016964.D
Acq: 10 Jan 2024 11:17

Tgt Ion: 65 Resp: 55619
Ion Ratio Lower Upper
65 100
67 54.3 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.704 min Scan# 1128

Delta R.T. 0.001 min

Lab File: VY016964.D

Acq: 10 Jan 2024 11:17

Instrument :

MSVOA_Y

ClientSampleId :

VY0110SBL01

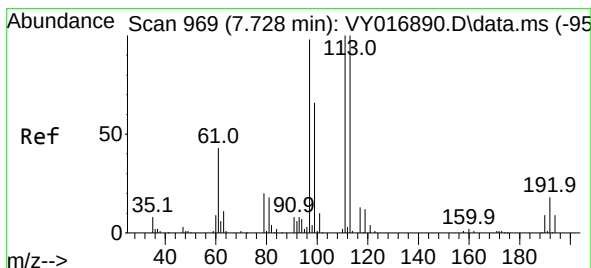
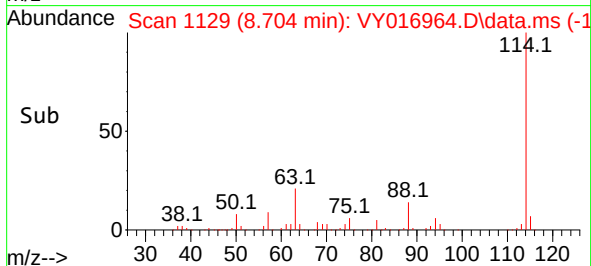
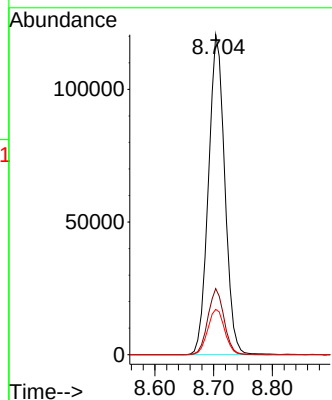
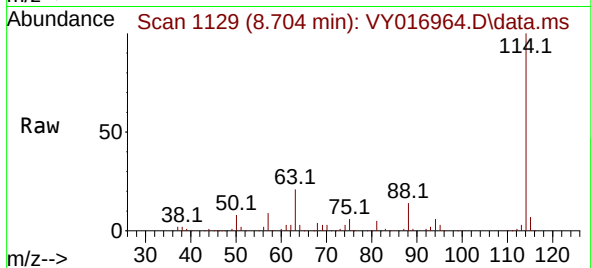
Tgt Ion:114 Resp: 233175

Ion Ratio Lower Upper

114 100

63 20.6 0.0 37.4

88 14.2 0.0 29.0



#35

Dibromofluoromethane

Concen: 38.037 ug/l

RT: 7.734 min Scan# 970

Delta R.T. 0.006 min

Lab File: VY016964.D

Acq: 10 Jan 2024 11:17

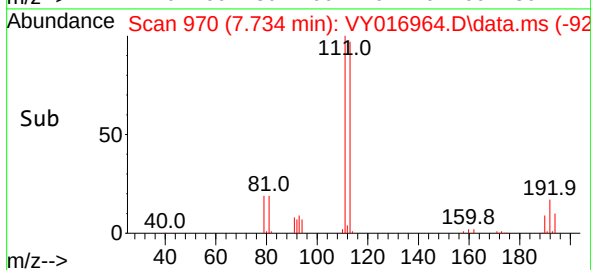
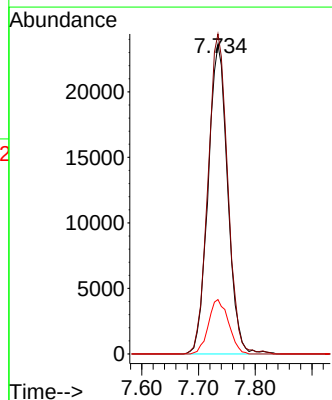
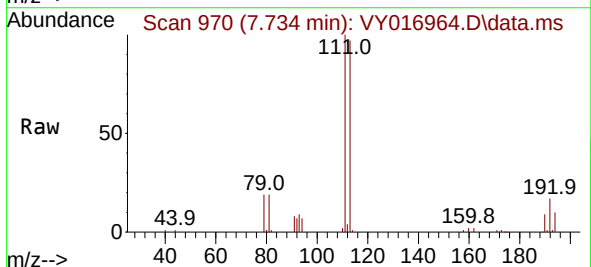
Tgt Ion:113 Resp: 56518

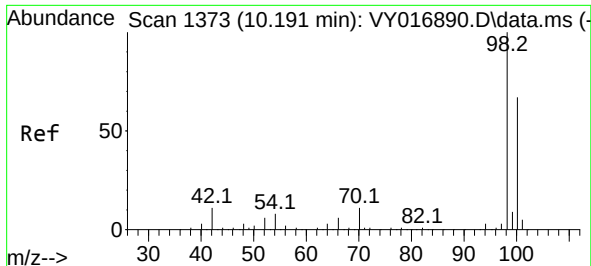
Ion Ratio Lower Upper

113 100

111 104.3 83.8 125.6

192 18.1 14.5 21.7

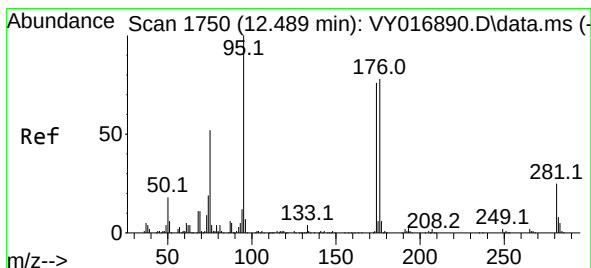
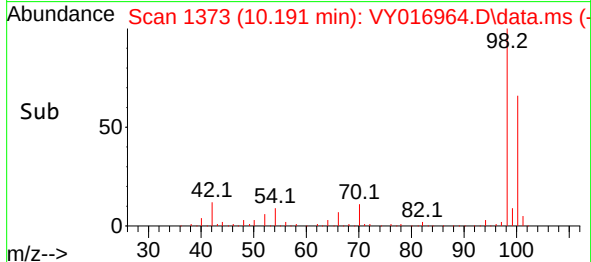
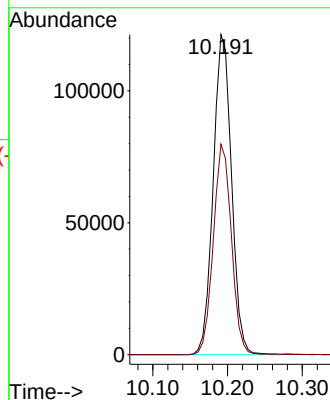
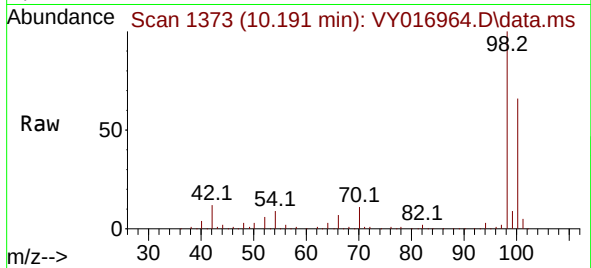




#50
Toluene-d8
Concen: 40.364 ug/l
RT: 10.191 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY016964.D
Acq: 10 Jan 2024 11:17

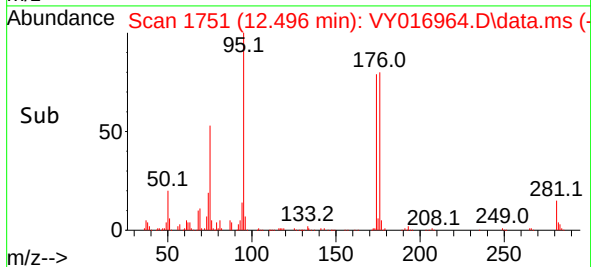
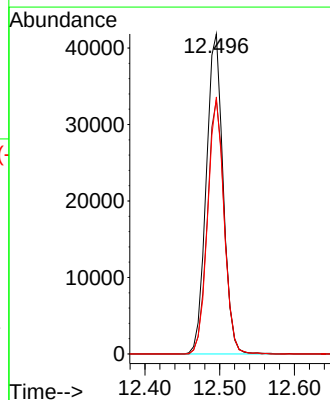
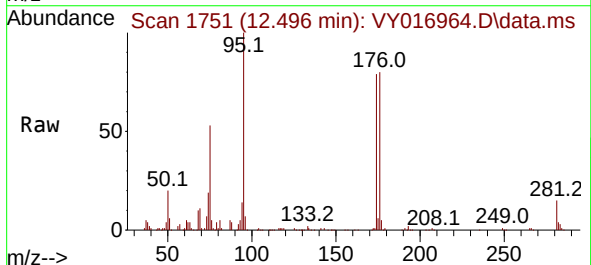
Instrument :
MSVOA_Y
ClientSampleId :
VY0110SBL01

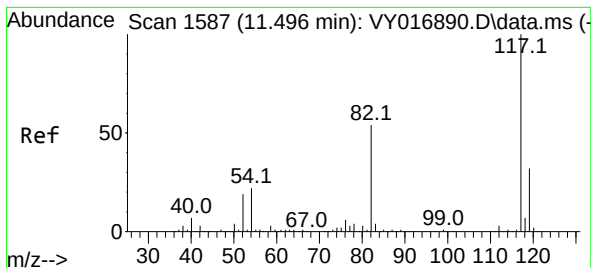
Tgt Ion: 98 Resp: 206528
Ion Ratio Lower Upper
98 100
100 65.1 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 37.877 ug/l
RT: 12.496 min Scan# 1751
Delta R.T. 0.007 min
Lab File: VY016964.D
Acq: 10 Jan 2024 11:17

Tgt Ion: 95 Resp: 65386
Ion Ratio Lower Upper
95 100
174 79.7 0.0 160.0
176 77.8 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: VY016964.D

Acq: 10 Jan 2024 11:17

Instrument :

MSVOA_Y

ClientSampleId :

VY0110SBL01

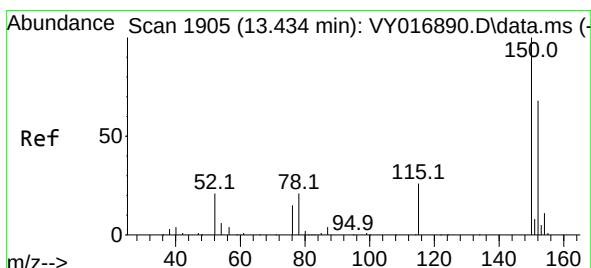
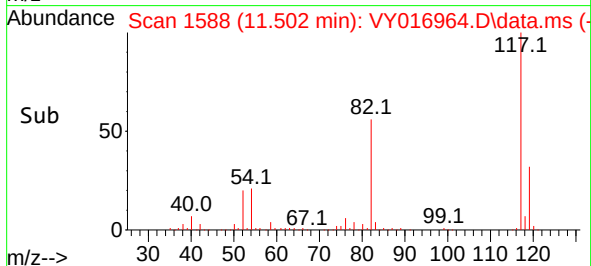
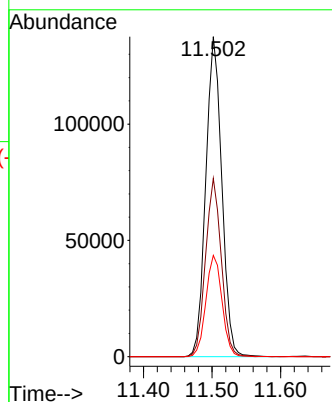
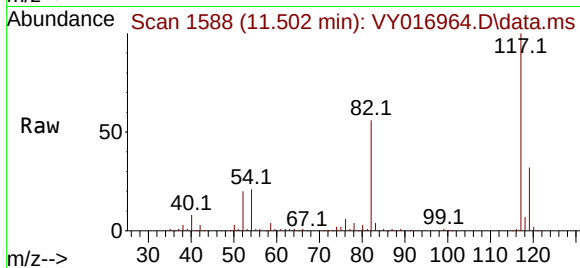
Tgt Ion:117 Resp: 223919

Ion Ratio Lower Upper

117 100

82 55.7 43.8 65.8

119 31.7 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: VY016964.D

Acq: 10 Jan 2024 11:17

Tgt Ion:152 Resp: 84350

Ion Ratio Lower Upper

152 100

115 60.2 30.0 90.0

150 158.6 0.0 344.6

