

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050124\
 Data File : VY018097.D
 Acq On : 01 May 2024 14:20
 Operator : SY/MD
 Sample : VY0501SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0501SBL01

Quant Time: May 02 05:48:17 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050124S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 01 16:21:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	324102	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	511135	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	424142	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	190520	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	129905	50.850	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	101.700%
35) Dibromofluoromethane	7.710	113	154071	52.453	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.900%
50) Toluene-d8	10.179	98	611229	53.303	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	106.600%
62) 4-Bromofluorobenzene	12.477	95	189582	48.040	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	96.080%

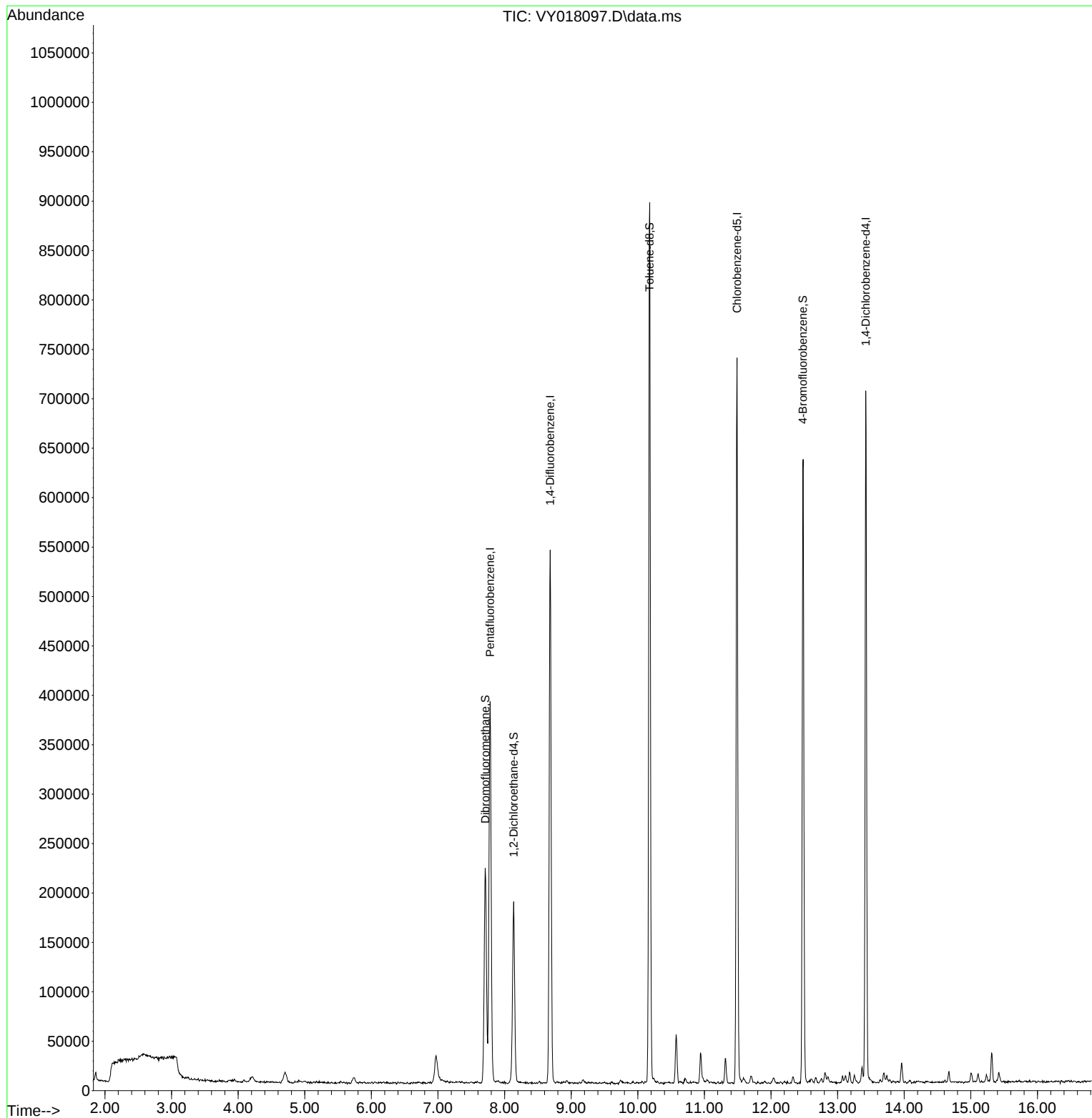
Target Compounds	Qvalue

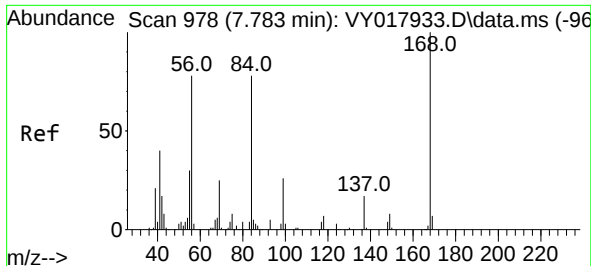
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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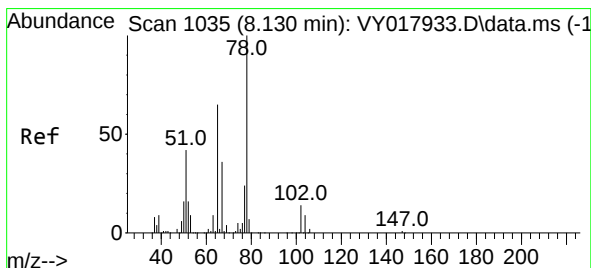
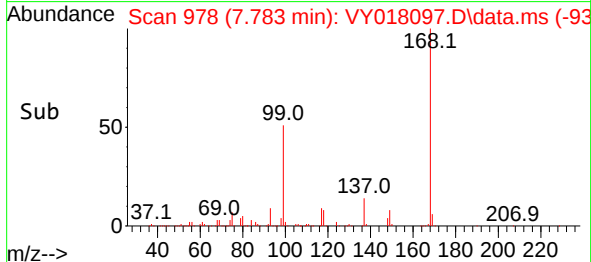
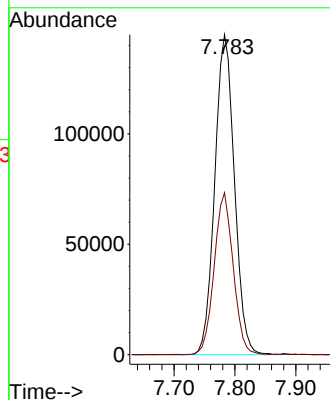
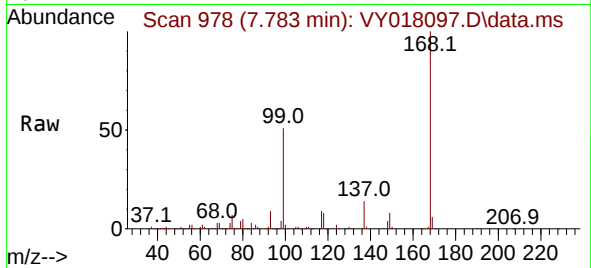




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018097.D
Acq: 01 May 2024 14:20

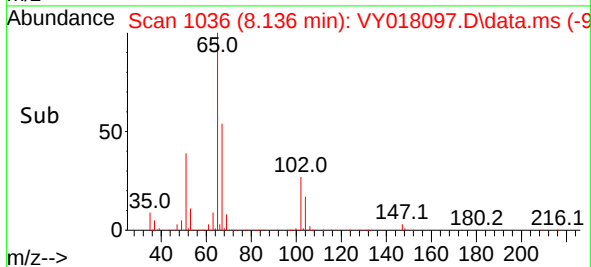
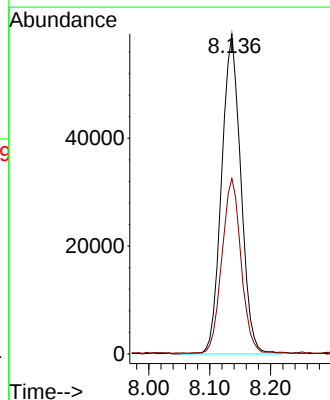
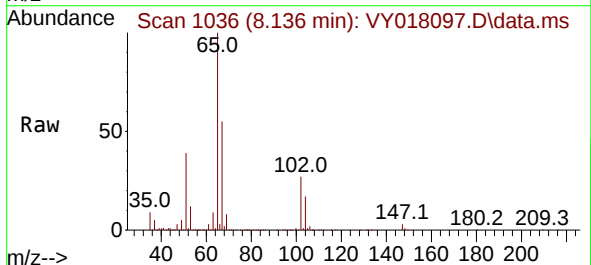
Instrument :
MSVOA_Y
ClientSampleId :
VY0501SBL01

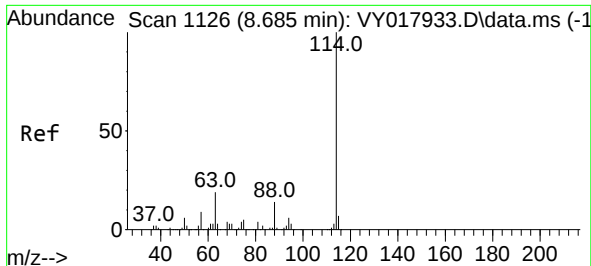
Tgt Ion:168 Resp: 324102
Ion Ratio Lower Upper
168 100
99 50.5 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 50.850 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY018097.D
Acq: 01 May 2024 14:20

Tgt Ion: 65 Resp: 129905
Ion Ratio Lower Upper
65 100
67 54.1 0.0 109.6

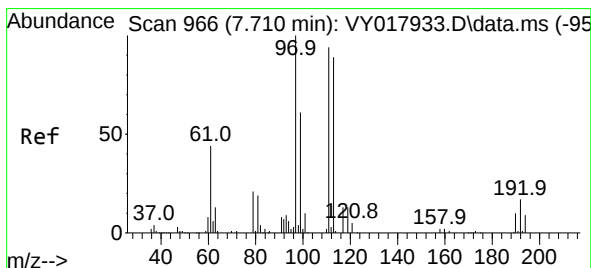
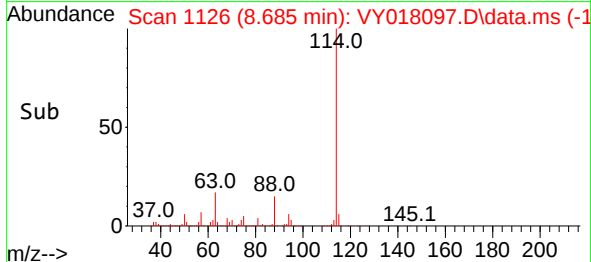
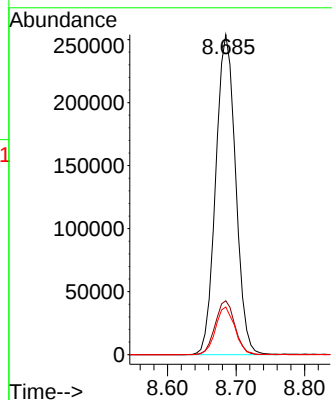
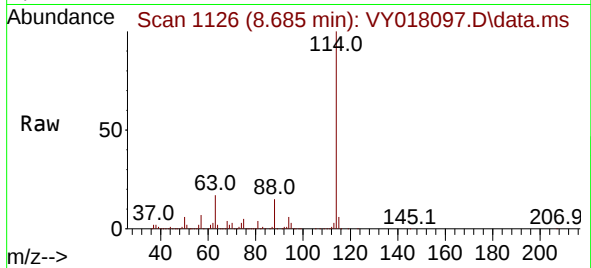




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VY018097.D
Acq: 01 May 2024 14:20

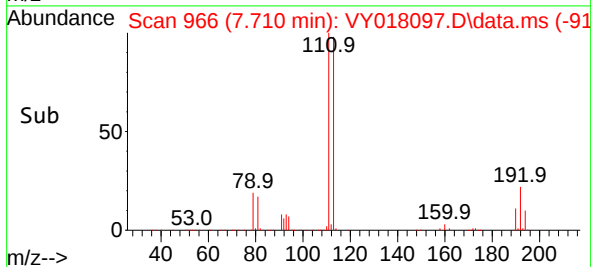
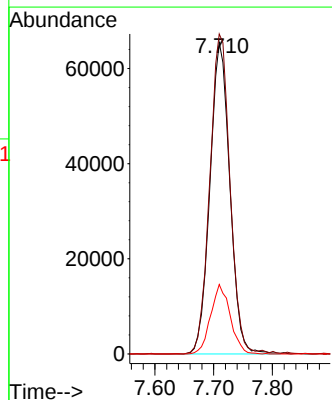
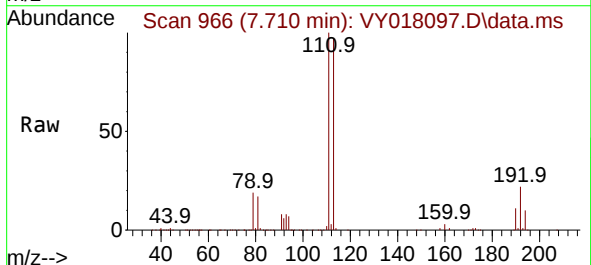
Instrument :
MSVOA_Y
ClientSampleId :
VY0501SBL01

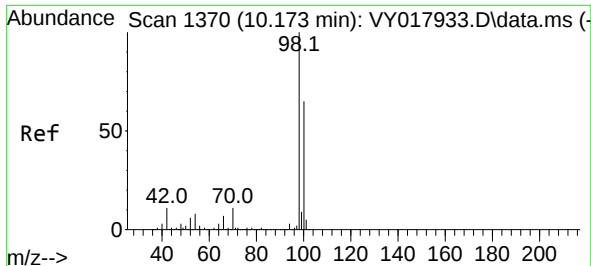
Tgt Ion:114 Resp: 511135
Ion Ratio Lower Upper
114 100
63 16.9 0.0 35.0
88 14.9 0.0 27.2



#35
Dibromofluoromethane
Concen: 52.453 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.012 min
Lab File: VY018097.D
Acq: 01 May 2024 14:20

Tgt Ion:113 Resp: 154071
Ion Ratio Lower Upper
113 100
111 104.4 82.2 123.4
192 22.0 15.9 23.9

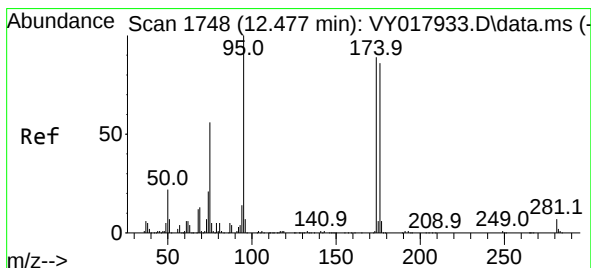
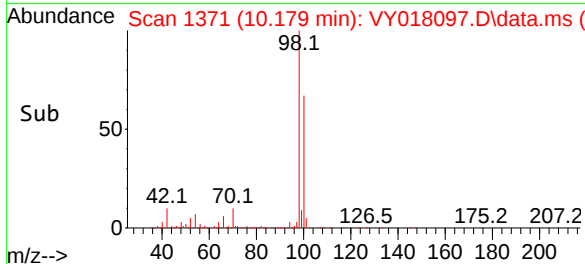
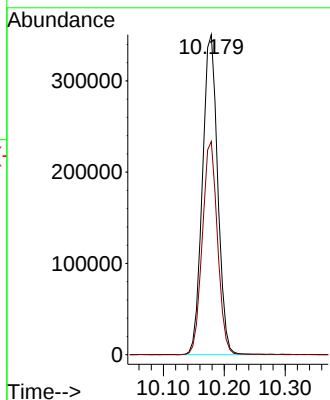
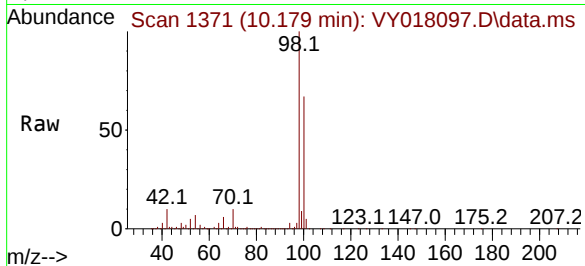




#50
Toluene-d8
Concen: 53.303 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY018097.D
Acq: 01 May 2024 14:20

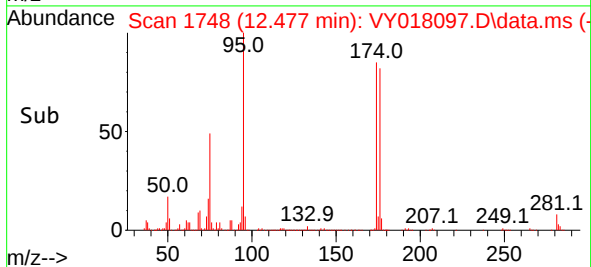
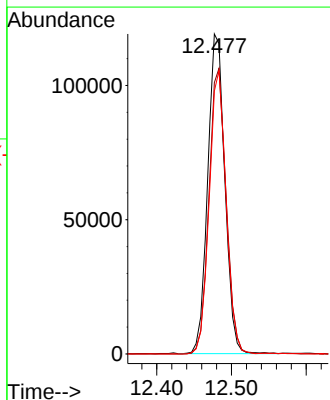
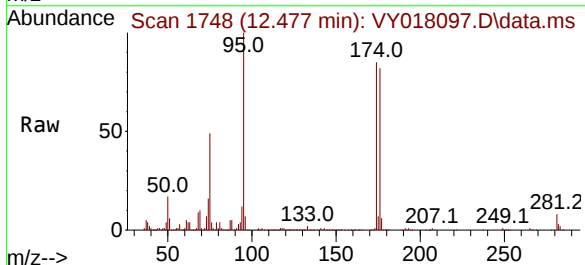
Instrument :
MSVOA_Y
ClientSampleId :
VY0501SBL01

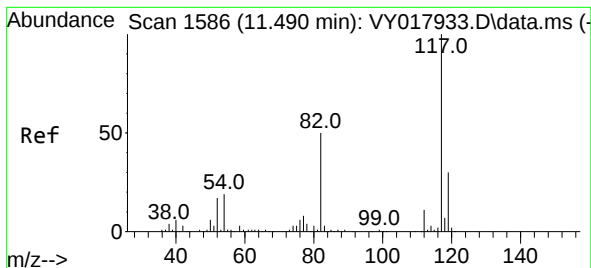
Tgt Ion: 98 Resp: 611229
Ion Ratio Lower Upper
98 100
100 66.2 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 48.040 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY018097.D
Acq: 01 May 2024 14:20

Tgt Ion: 95 Resp: 189582
Ion Ratio Lower Upper
95 100
174 89.7 0.0 175.6
176 87.4 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY018097.D

Acq: 01 May 2024 14:20

Instrument :

MSVOA_Y

ClientSampleId :

VY0501SBL01

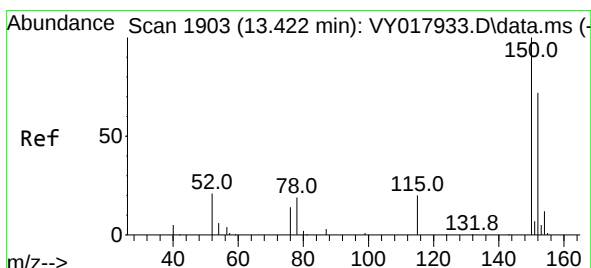
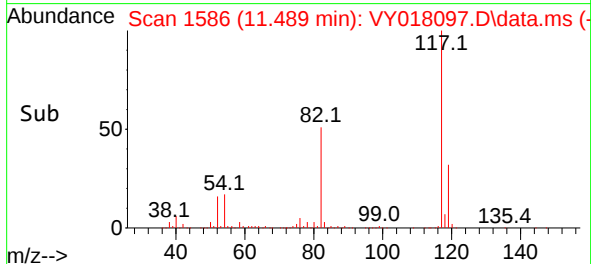
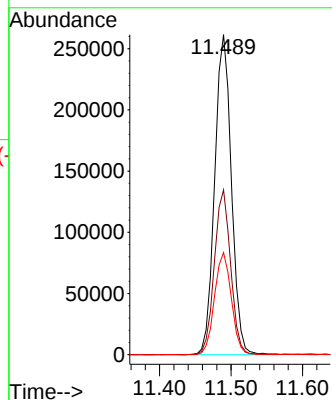
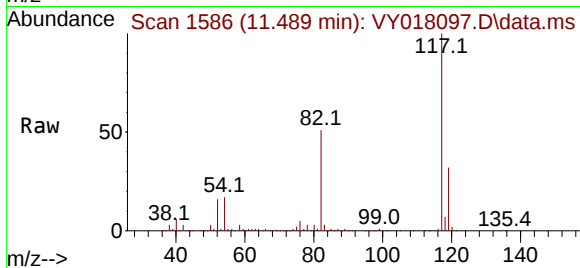
Tgt Ion:117 Resp: 424142

Ion Ratio Lower Upper

117 100

82 51.4 42.4 63.6

119 31.9 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.006 min

Lab File: VY018097.D

Acq: 01 May 2024 14:20

Tgt Ion:152 Resp: 190520

Ion Ratio Lower Upper

152 100

115 55.1 28.2 84.7

150 156.3 0.0 345.6

