

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050824\
 Data File : VY018198.D
 Acq On : 08 May 2024 19:12
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Quant Time: May 09 02:31:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050724S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 08 01:40:14 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	176983	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	331228	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	296336	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	116356	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	79695	61.209	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	122.420%
35) Dibromofluoromethane	7.710	113	95742	55.000	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.000%
50) Toluene-d8	10.173	98	373553	54.456	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	108.920%
62) 4-Bromofluorobenzene	12.477	95	115710	52.233	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	104.460%

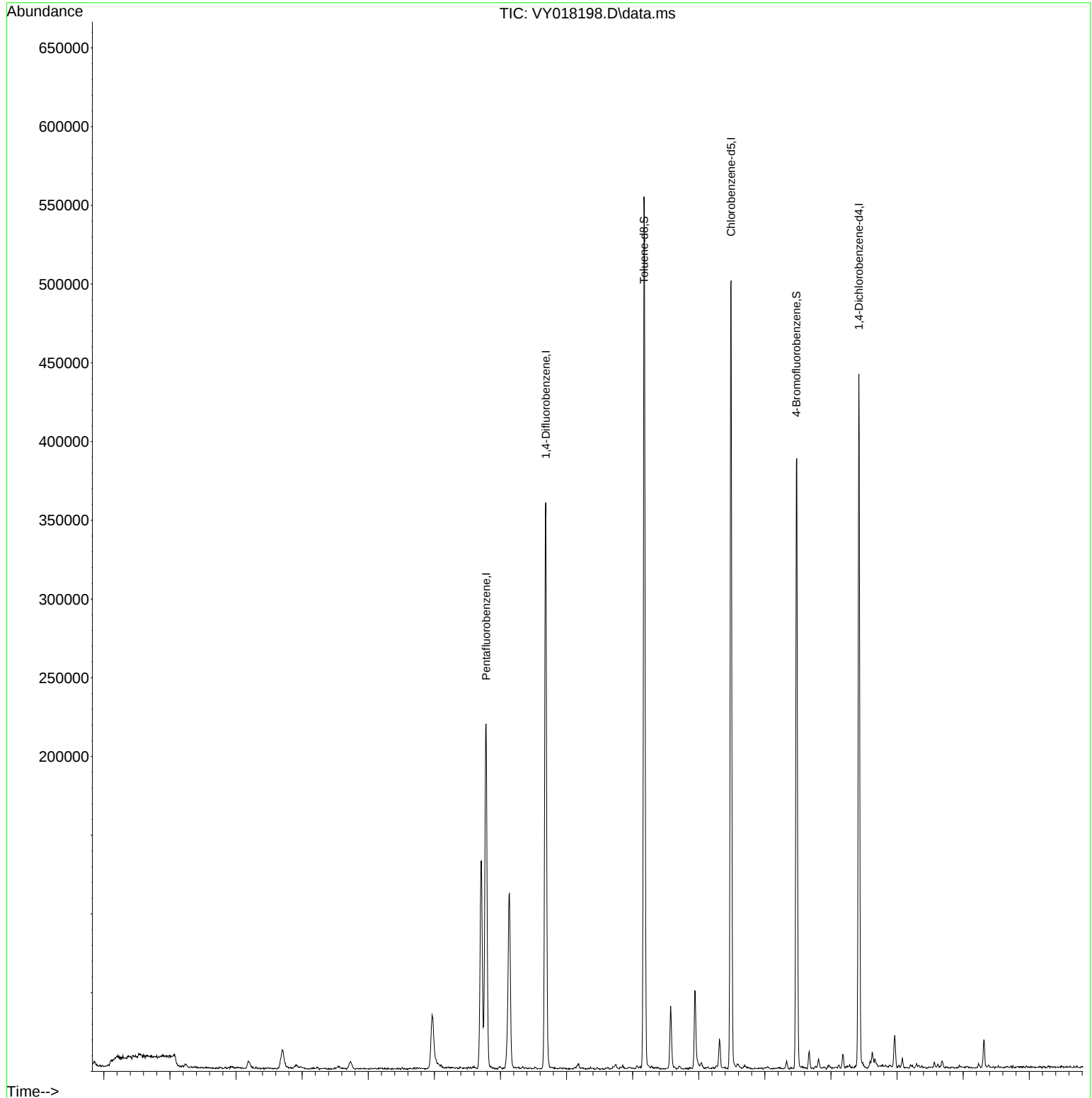
Target Compounds Qvalue

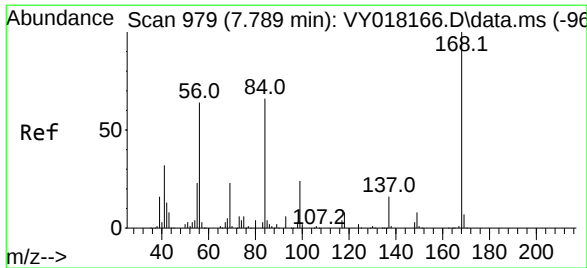
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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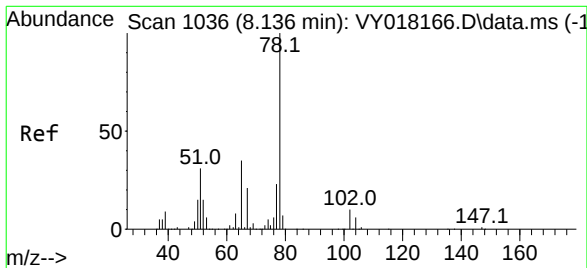
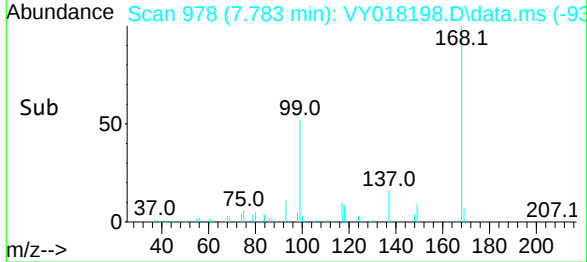
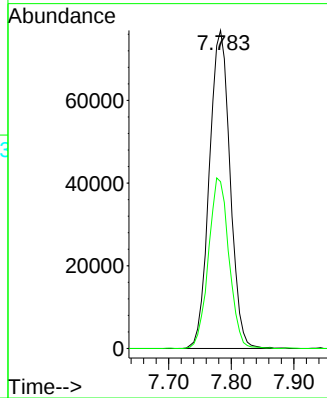
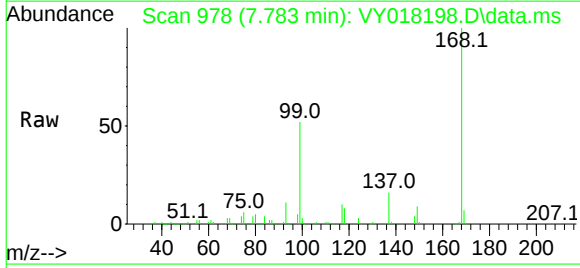




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 97
Delta R.T. -0.006 min
Lab File: VY018198.D
Acq: 08 May 2024 19:12

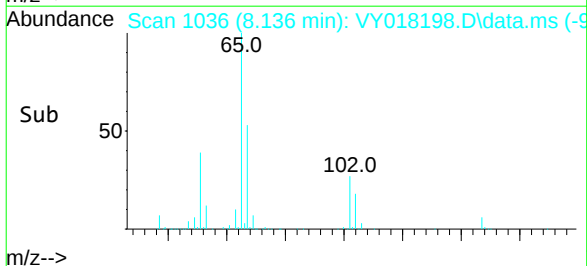
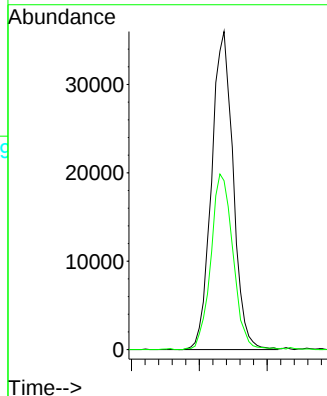
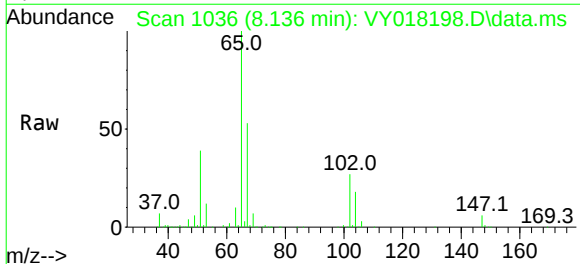
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

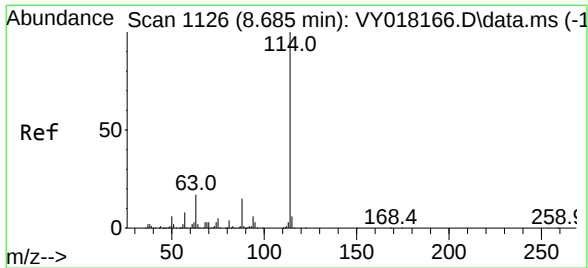
Tgt Ion:168 Resp: 176983
Ion Ratio Lower Upper
168 100
99 52.5 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 61.209 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY018198.D
Acq: 08 May 2024 19:12

Tgt Ion: 65 Resp: 79695
Ion Ratio Lower Upper
65 100
67 56.4 0.0 109.6

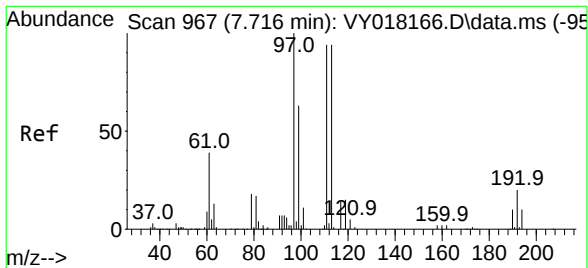
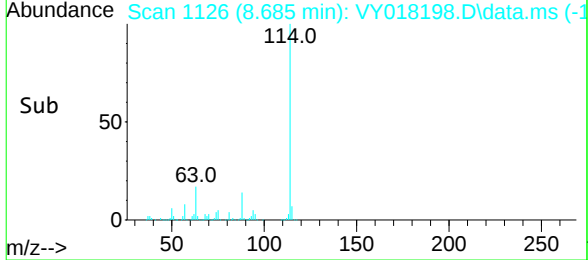
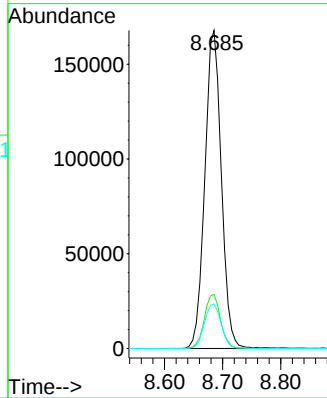
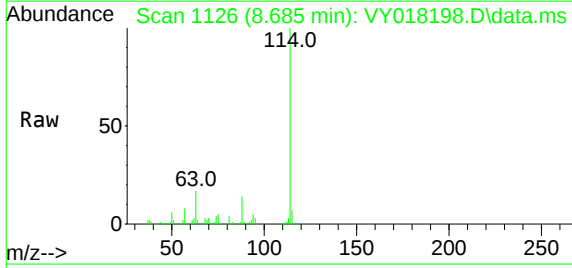




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 111
Delta R.T. 0.000 min
Lab File: VY018198.D
Acq: 08 May 2024 19:12

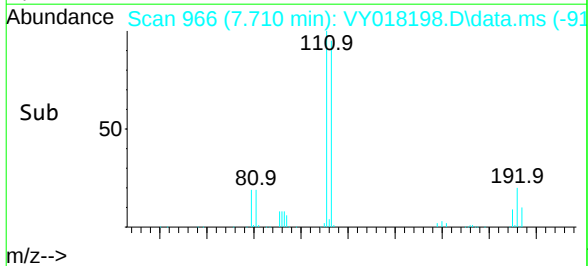
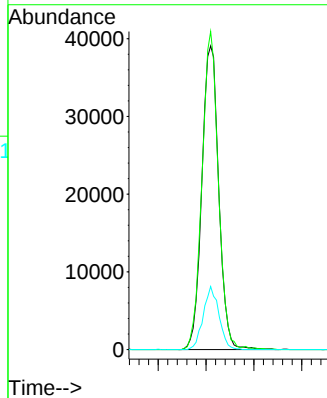
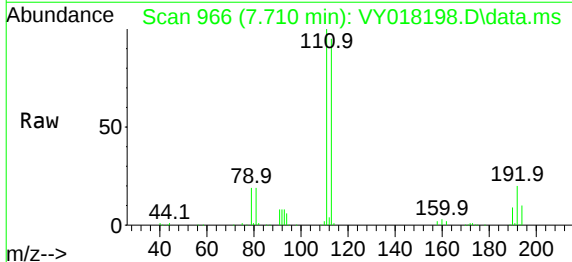
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

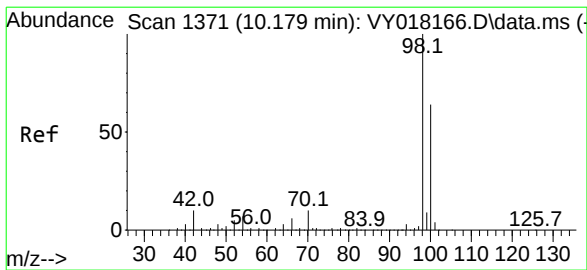
Tgt Ion:	114	Resp:	331228
Ion Ratio	Lower	Upper	
114	100		
63	17.0	0.0	35.0
88	14.0	0.0	27.2



#35
Dibromofluoromethane
Concen: 55.000 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY018198.D
Acq: 08 May 2024 19:12

Tgt Ion:	113	Resp:	95742
Ion Ratio	Lower	Upper	
113	100		
111	101.7	82.2	123.4
192	19.3	15.9	23.9





#50

Toluene-d8

Concen: 54.456 ug/l

RT: 10.173 min Scan# 1371

Delta R.T. -0.006 min

Lab File: VY018198.D

Acq: 08 May 2024 19:12

Instrument :

MSVOA_Y

ClientSampleId :

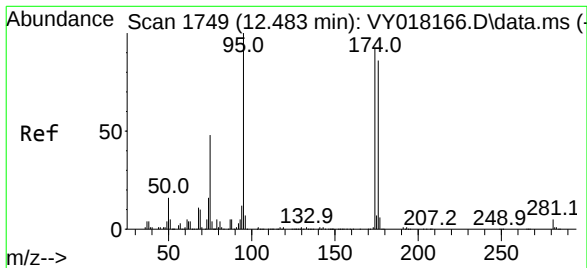
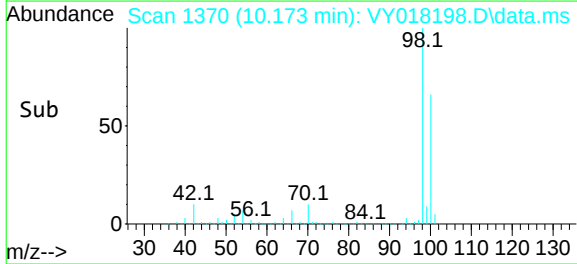
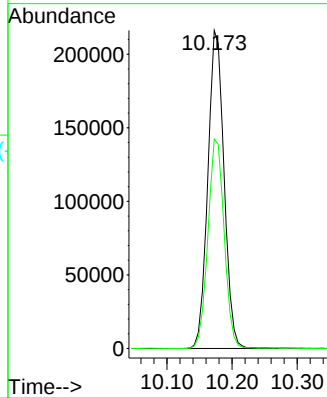
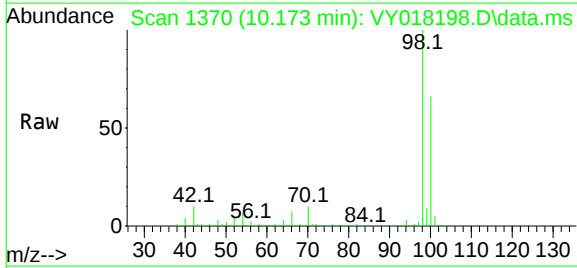
VIBLK

Tgt Ion: 98 Resp: 373553

Ion Ratio Lower Upper

98 100

100 66.2 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 52.233 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.006 min

Lab File: VY018198.D

Acq: 08 May 2024 19:12

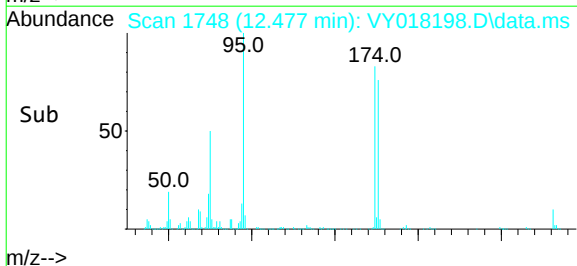
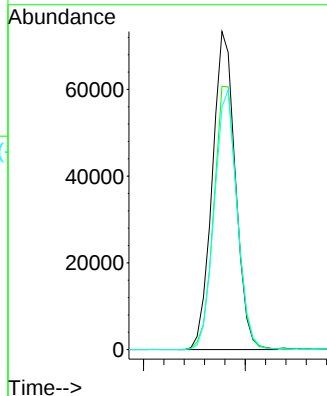
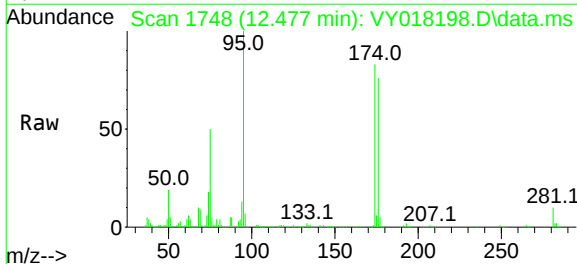
Tgt Ion: 95 Resp: 115710

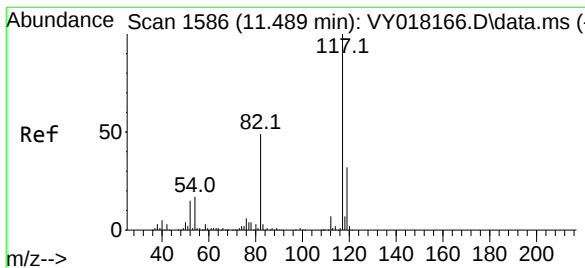
Ion Ratio Lower Upper

95 100

174 83.3 0.0 175.6

176 80.9 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 15

Delta R.T. 0.000 min

Lab File: VY018198.D

Acq: 08 May 2024 19:12

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

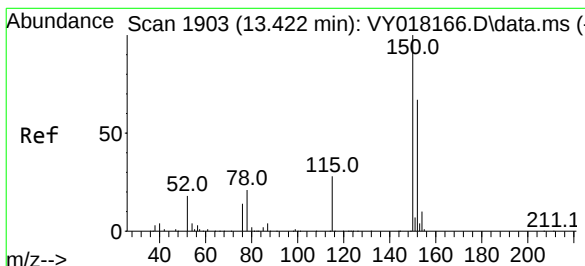
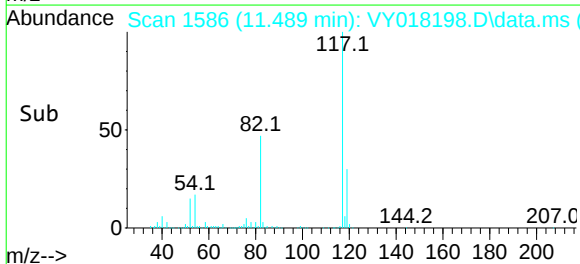
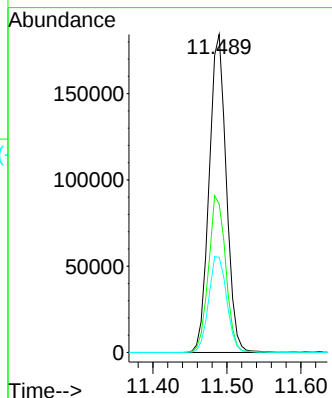
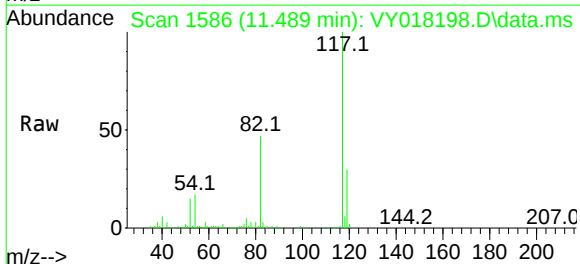
Tgt Ion:117 Resp: 296336

Ion Ratio Lower Upper

117 100

82 46.7 42.4 63.6

119 29.9 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY018198.D

Acq: 08 May 2024 19:12

Tgt Ion:152 Resp: 116356

Ion Ratio Lower Upper

152 100

115 56.2 28.2 84.7

150 156.5 0.0 345.6

