

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN063022\
 Data File : VN073271.D
 Acq On : 30 Jun 2022 17:26
 Operator : JC\MD
 Sample : N3524-04
 Misc : 1.15g/10mL/100uL/5.0mL/MeOH
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 31546

Quant Time: Jul 01 08:08:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 01:54:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.004	168	293613	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.892	114	485042	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	476037	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	257230	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.363	65	177974	41.989	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	83.980%
35) Dibromofluoromethane	7.945	113	149915	46.456	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.920%
50) Toluene-d8	10.374	98	521754	45.523	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	91.040%
62) 4-Bromofluorobenzene	12.668	95	253746	57.610	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	115.220%

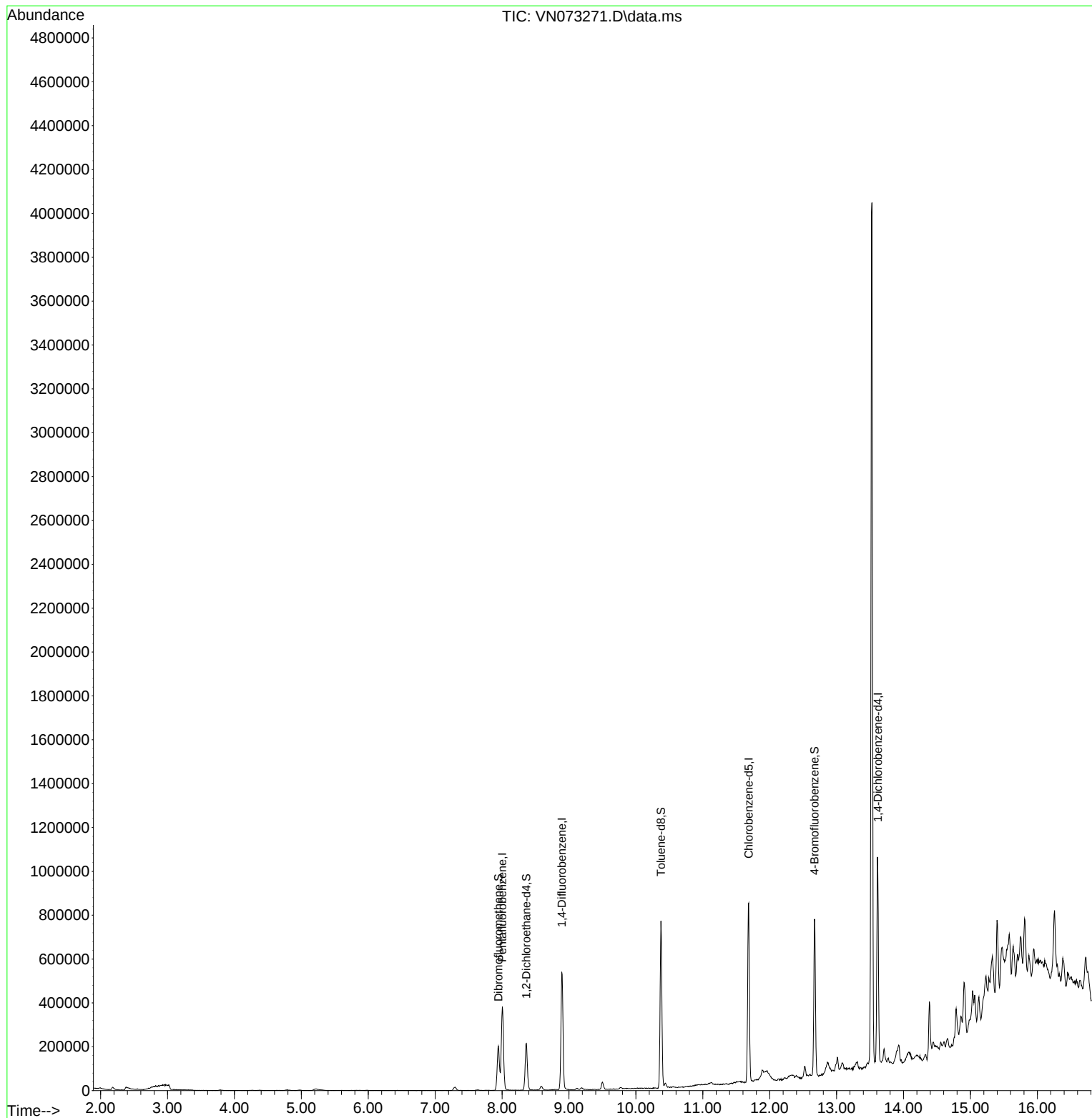
Target Compounds	Qvalue

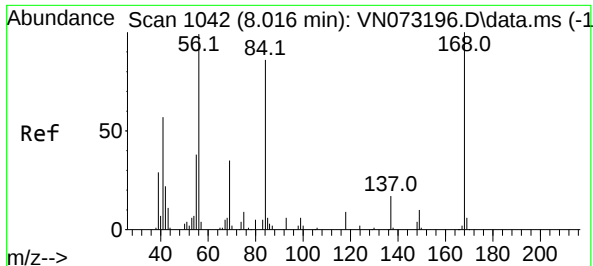
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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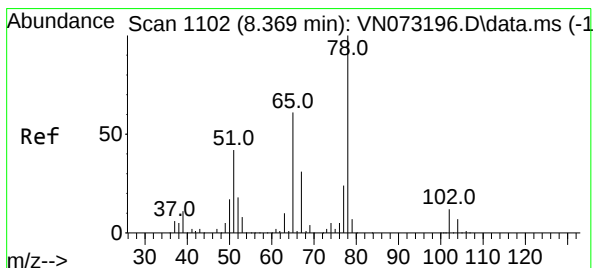
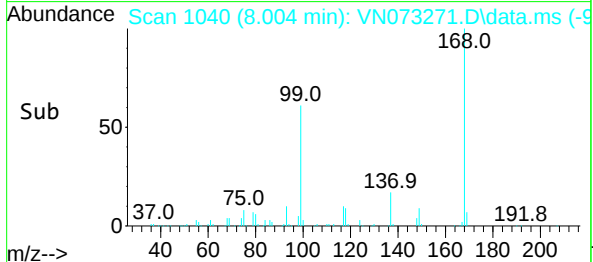
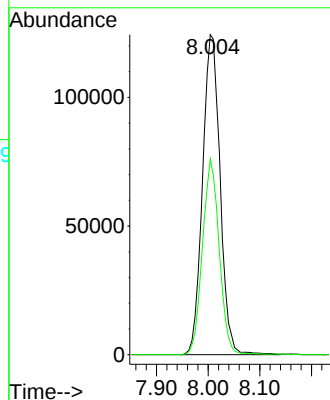
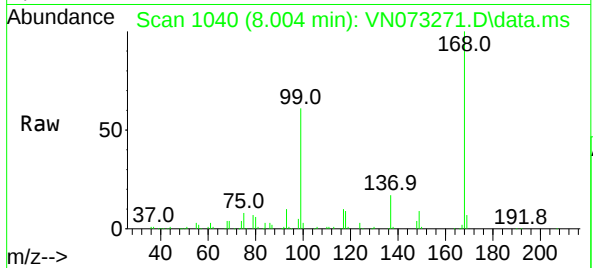




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.004 min Scan# 1101
Delta R.T. -0.012 min
Lab File: VN073271.D
Acq: 30 Jun 2022 17:26

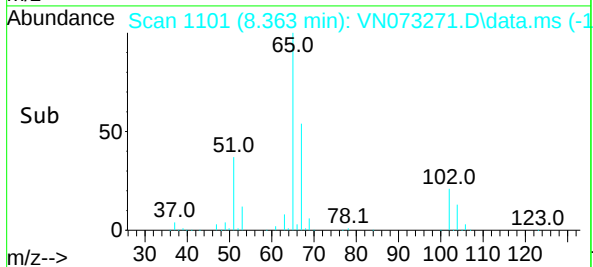
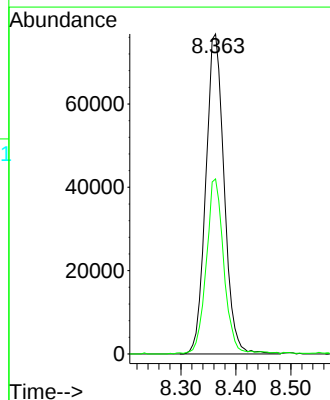
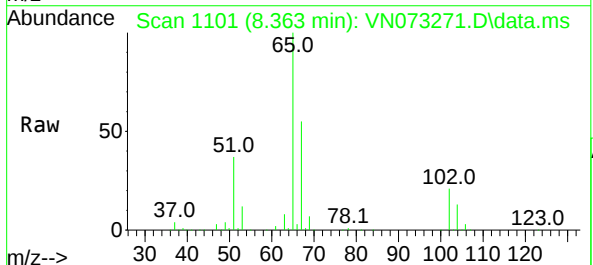
Instrument :
MSVOA_N
ClientSampleId :
31546

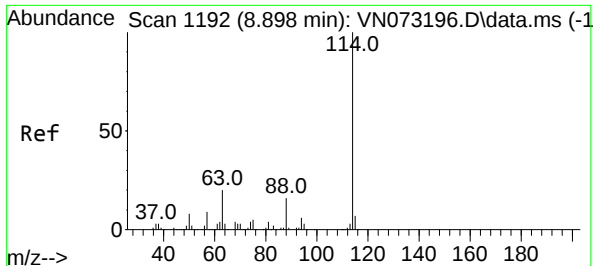
Tgt Ion:168 Resp: 293613
Ion Ratio Lower Upper
168 100
99 61.1 42.3 63.5



#33
1,2-Dichloroethane-d4
Concen: 41.989 ug/l
RT: 8.363 min Scan# 1101
Delta R.T. -0.006 min
Lab File: VN073271.D
Acq: 30 Jun 2022 17:26

Tgt Ion: 65 Resp: 177974
Ion Ratio Lower Upper
65 100
67 52.3 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.892 min Scan# 1192

Delta R.T. -0.006 min

Lab File: VN073271.D

Acq: 30 Jun 2022 17:26

Instrument :

MSVOA_N

ClientSampleId :

31546

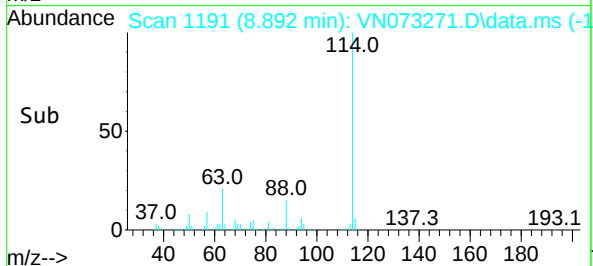
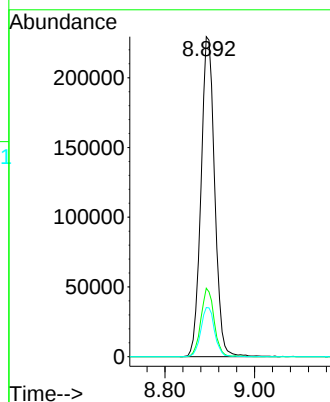
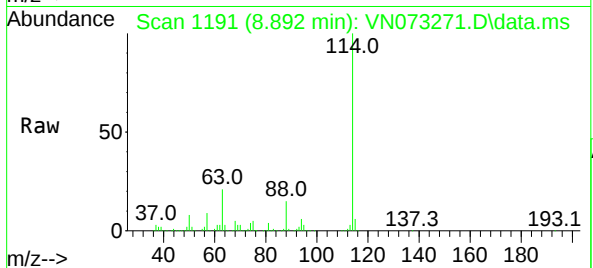
Tgt Ion:114 Resp: 485042

Ion Ratio Lower Upper

114 100

63 21.4 0.0 40.0

88 15.4 0.0 32.6



#35

Dibromofluoromethane

Concen: 46.456 ug/l

RT: 7.945 min Scan# 1030

Delta R.T. -0.006 min

Lab File: VN073271.D

Acq: 30 Jun 2022 17:26

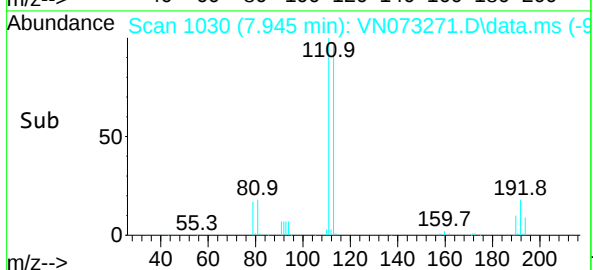
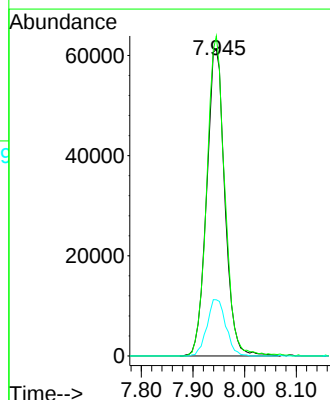
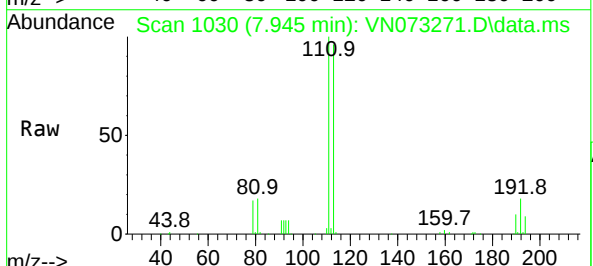
Tgt Ion:113 Resp: 149915

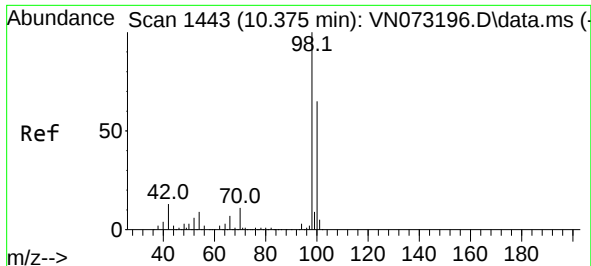
Ion Ratio Lower Upper

113 100

111 103.1 81.4 122.0

192 19.0 17.0 25.6

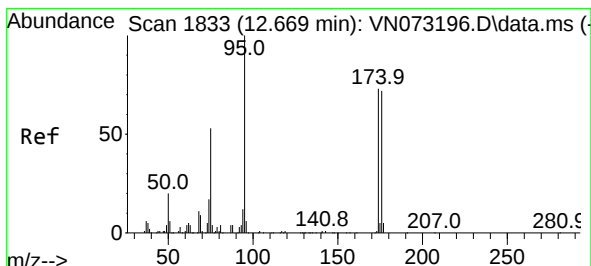
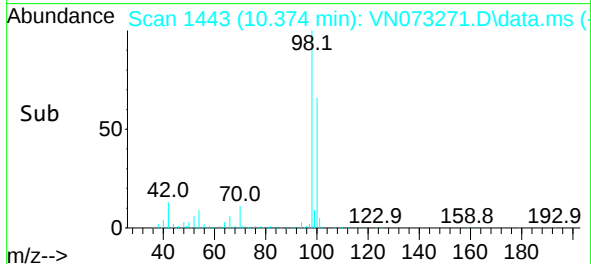
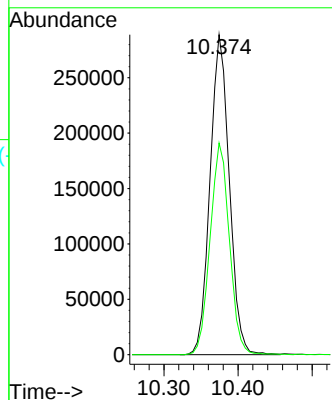
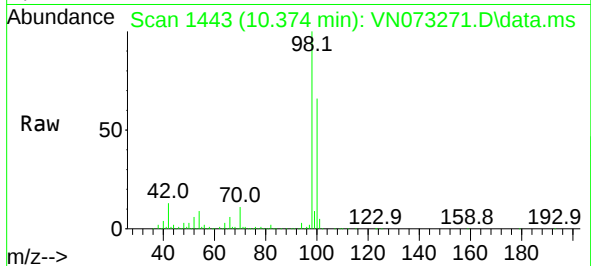




#50
Toluene-d8
Concen: 45.523 ug/l
RT: 10.374 min Scan# 1443
Delta R.T. -0.001 min
Lab File: VN073271.D
Acq: 30 Jun 2022 17:26

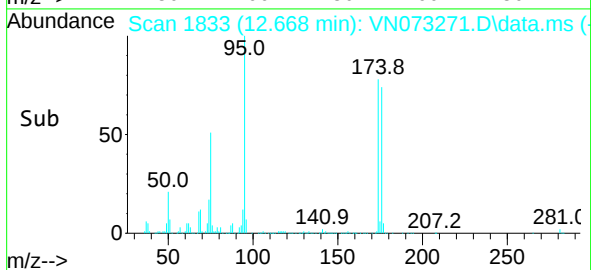
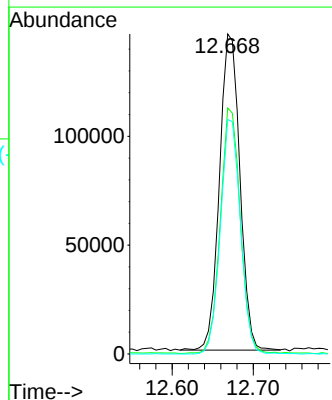
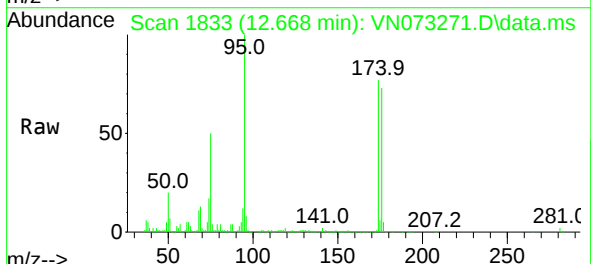
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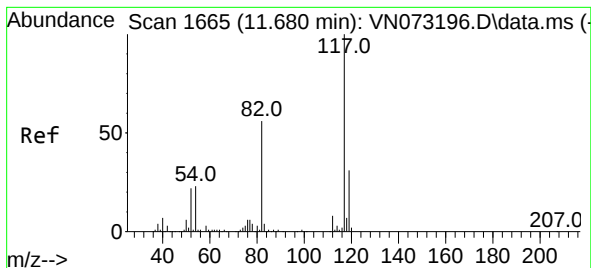
Tgt Ion: 98 Resp: 521754
Ion Ratio Lower Upper
98 100
100 66.3 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 57.610 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. -0.001 min
Lab File: VN073271.D
Acq: 30 Jun 2022 17:26

Tgt Ion: 95 Resp: 253746
Ion Ratio Lower Upper
95 100
174 76.5 0.0 167.6
176 73.1 0.0 163.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.686 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN073271.D

Acq: 30 Jun 2022 17:26

Instrument :

MSVOA_N

ClientSampleId :

31546

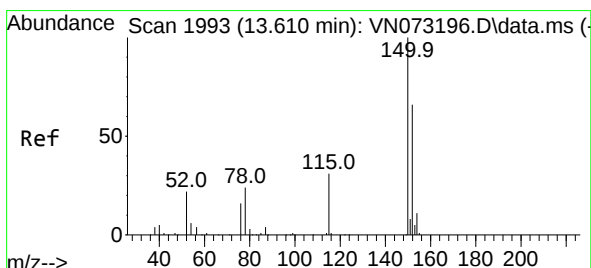
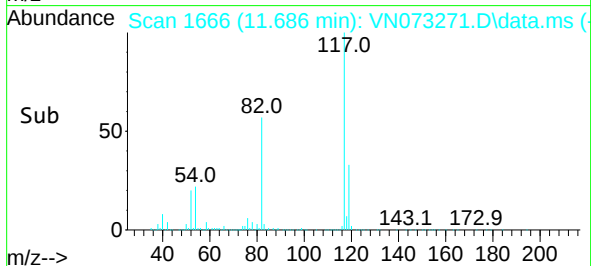
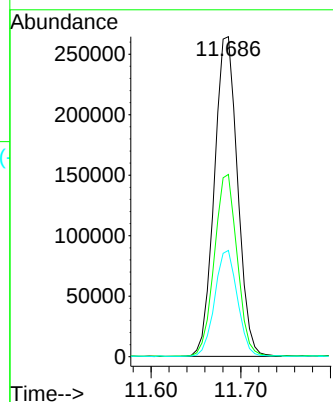
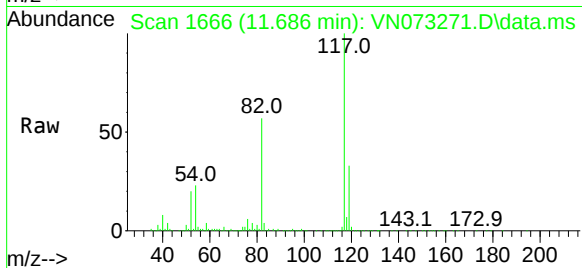
Tgt Ion:117 Resp: 476037

Ion Ratio Lower Upper

117 100

82 56.8 44.2 66.2

119 33.1 25.4 38.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.615 min Scan# 1994

Delta R.T. 0.005 min

Lab File: VN073271.D

Acq: 30 Jun 2022 17:26

Tgt Ion:152 Resp: 257230

Ion Ratio Lower Upper

152 100

115 61.3 28.9 86.7

150 157.4 0.0 356.2

