

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070419\
 Data File : VN056592.D
 Acq On : 3 Jul 2019 18:15
 Operator : JC/SP
 Sample : K3680-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FIELD-BLANK

Quant Time: Jul 03 23:19:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061919W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 21 03:45:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	275397	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	472242	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	473475	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	178721	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	158177	51.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.64%	
35) Dibromofluoromethane	7.59	113	138320	46.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.90%	
50) Toluene-d8	10.09	98	591463	51.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.20%	
62) 4-Bromofluorobenzene	12.40	95	208161	54.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.94%	

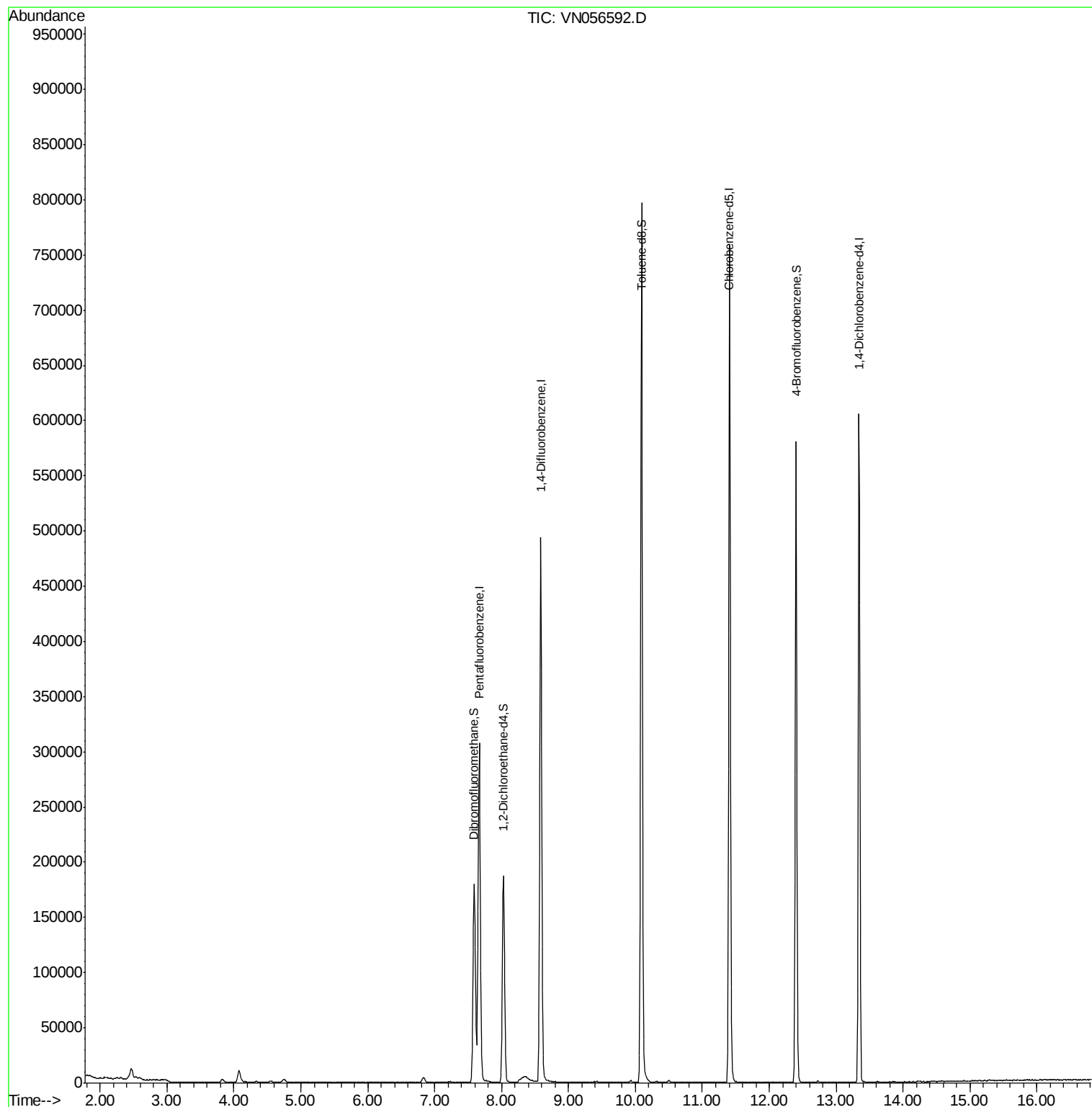
Target Compounds	Qvalue

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN056592.D

Acq: 3 Jul 2019 18:15

Instrument :

MSVOA_N

ClientSampled :

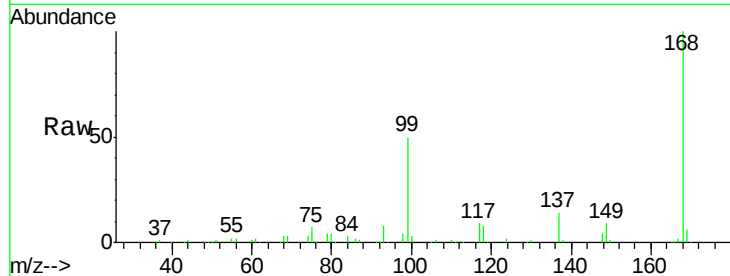
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Tot Ion:168 Resp: 275397

Ion Ratio Lower Upper

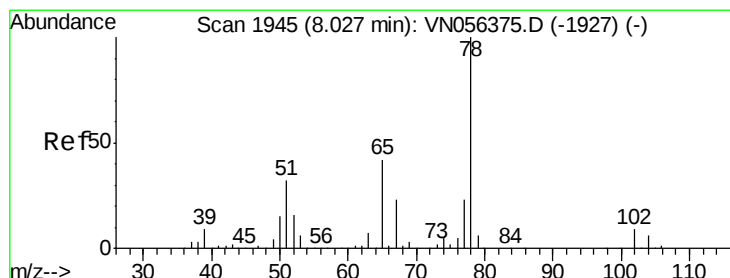
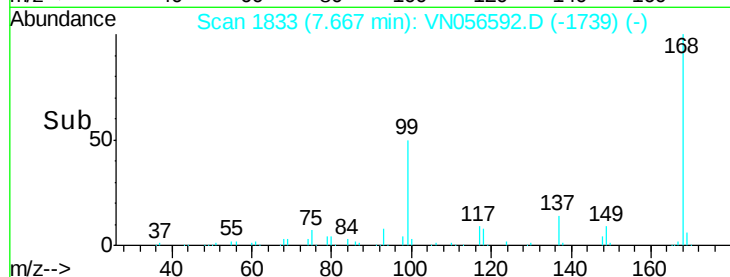
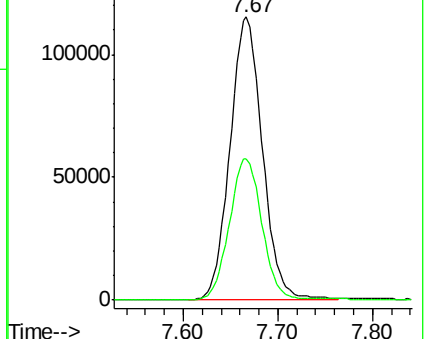
168 100

99 50.0 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#33

1,2-Dichloroethane-d4

Concen: 51.823 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN056592.D

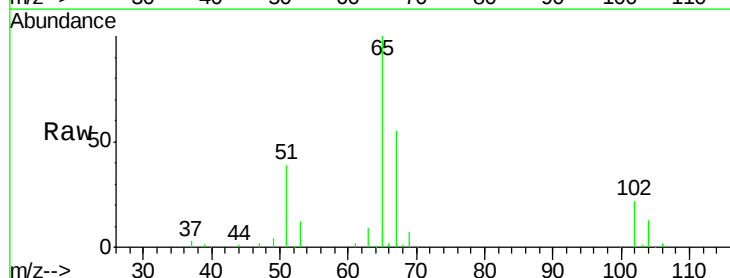
Acq: 3 Jul 2019 18:15

Tgt Ion: 65 Resp: 158177

Ion Ratio Lower Upper

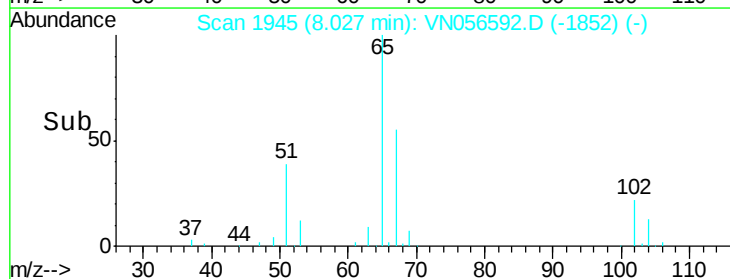
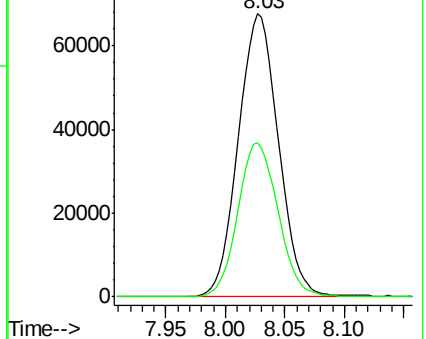
65 100

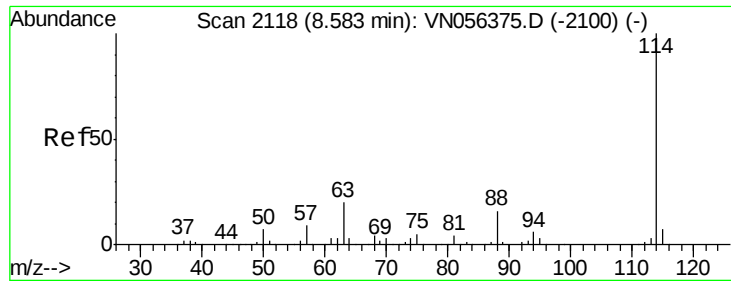
67 54.5 0.0 109.0



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

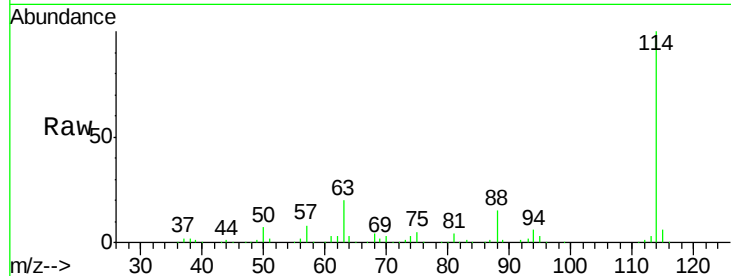




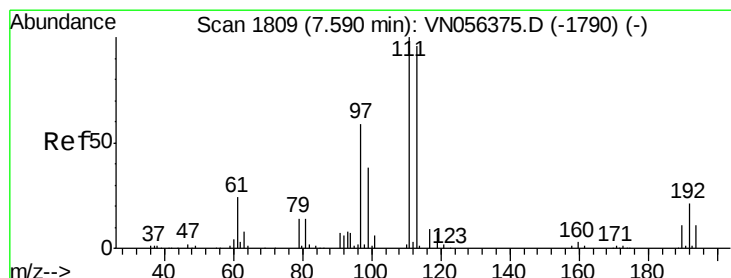
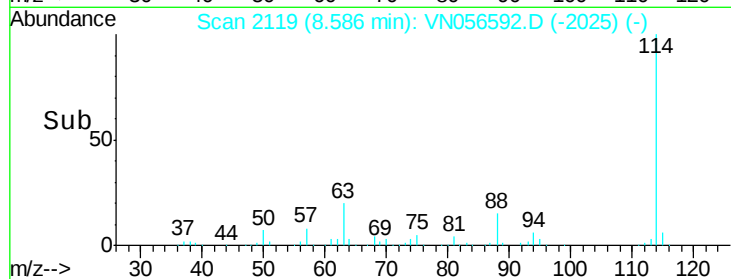
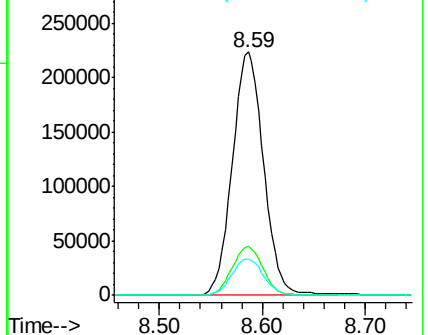
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN056592.D
Acq: 3 Jul 2019 18:15

Instrument :
MSVOA_N
ClientSampleId :
FIELD-BLANK

Tot Ion:114 Resp: 472242
Ion Ratio Lower Upper
114 100
63 20.0 0.0 39.2
88 14.8 0.0 31.4

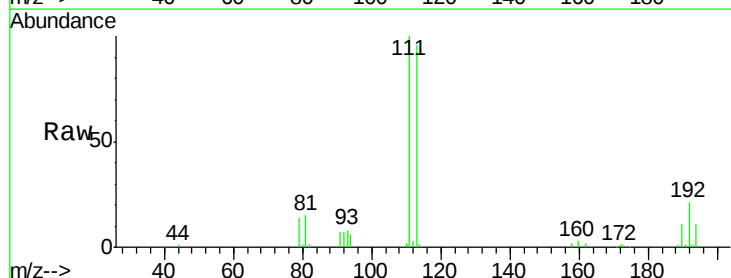


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): V
Ion 87.90 (87.60 to 88.60): V

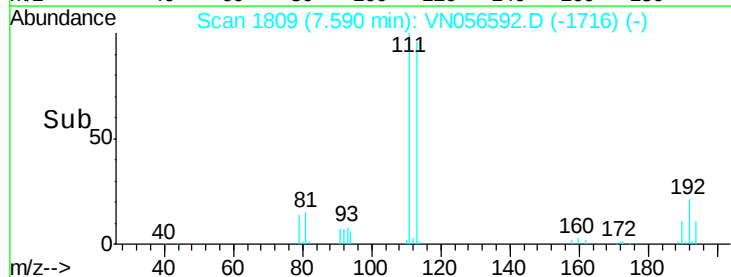
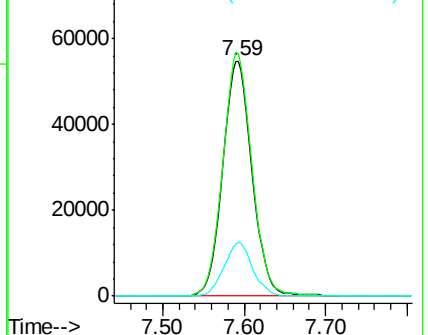


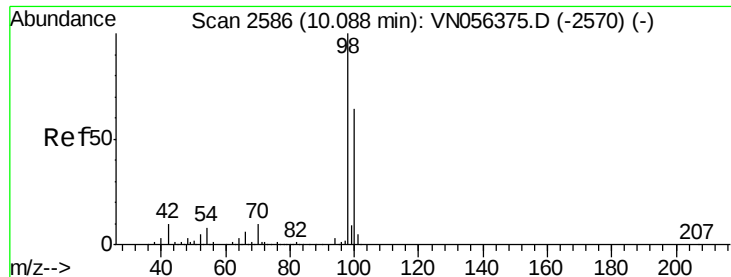
#35
Dibromofluoromethane
Concen: 46.952 ug/l
RT: 7.59 min Scan# 1809
Delta R.T. -0.00 min
Lab File: VN056592.D
Acq: 3 Jul 2019 18:15

Tgt Ion:113 Resp: 138320
Ion Ratio Lower Upper
113 100
111 103.1 82.9 124.3
192 22.3 17.7 26.5



Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.597 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN056592.D

Acq: 3 Jul 2019 18:15

Instrument :

MSVOA_N

ClientSampled :

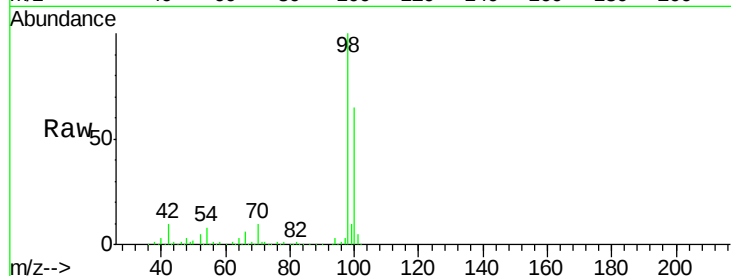
FIELD-BLANK

Tot Ion: 98 Resp: 591463

Ion Ratio Lower Upper

98 100

100 64.3 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VN056375.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN056375.D (-2570) (-)

10.09

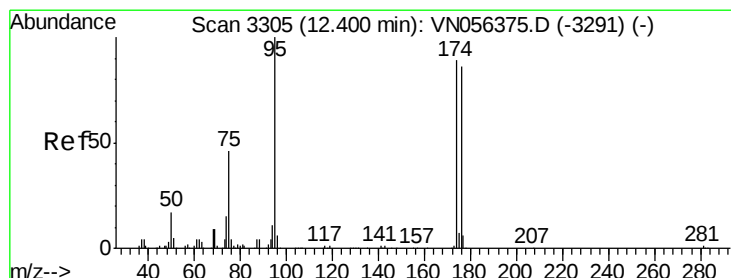
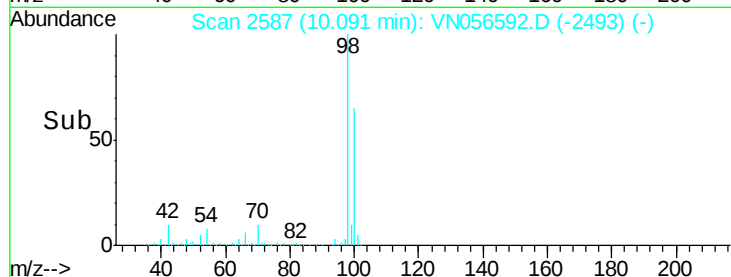
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 54.473 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN056592.D

Acq: 3 Jul 2019 18:15

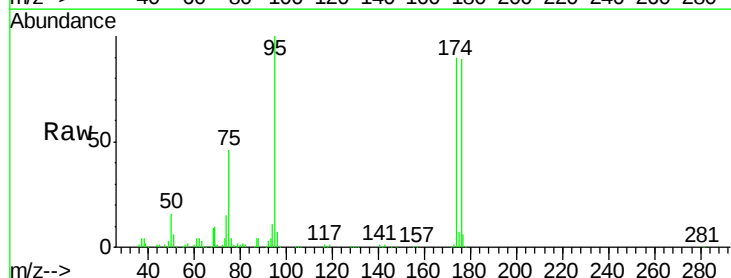
Tgt Ion: 95 Resp: 208161

Ion Ratio Lower Upper

95 100

174 89.0 0.0 179.4

176 87.4 0.0 173.4



Abundance Ion 94.90 (94.60 to 95.60): VN056375.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN056375.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN056375.D (-3291) (-)

12.40

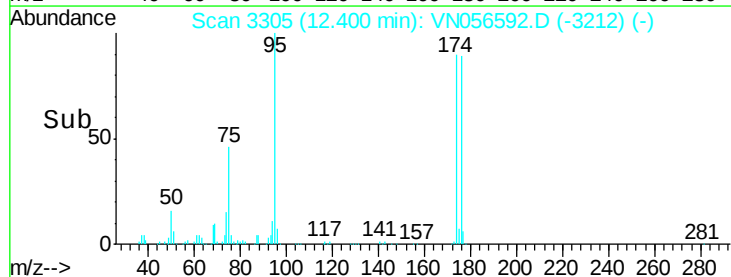
150000

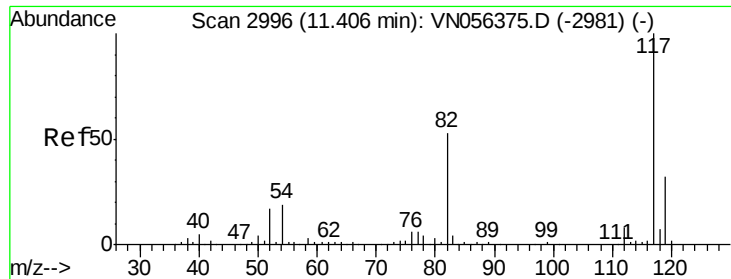
100000

50000

0

Time-->

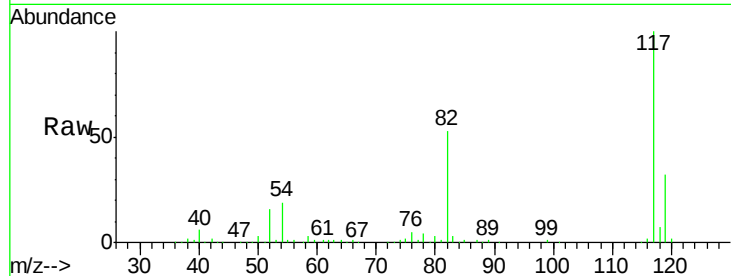




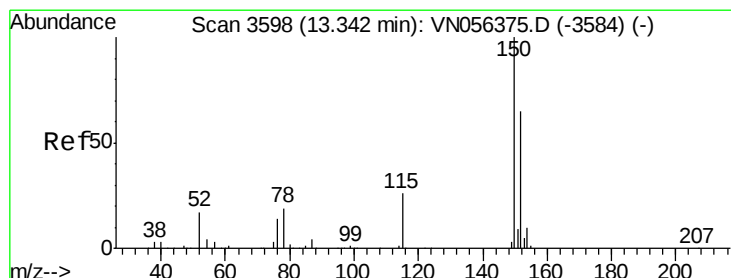
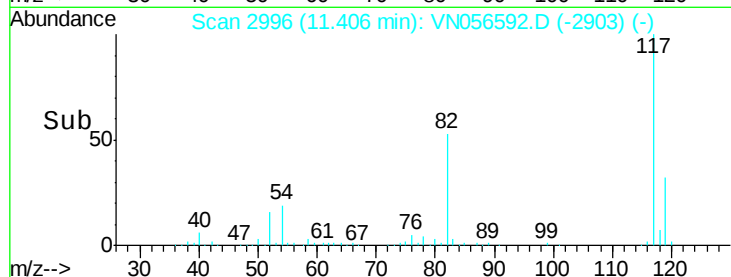
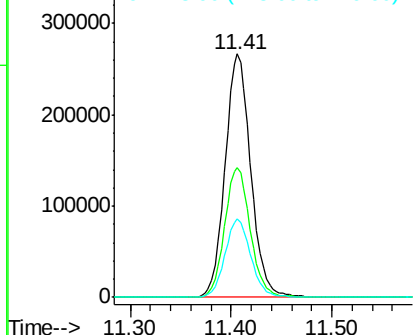
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN056592.D
Acq: 3 Jul 2019 18:15

Instrument :
MSVOA_N
ClientSampled :
FIELD-BLANK

Tot Ion:117 Resp: 473475
Ion Ratio Lower Upper
117 100
82 53.4 42.0 63.0
119 32.1 25.3 37.9

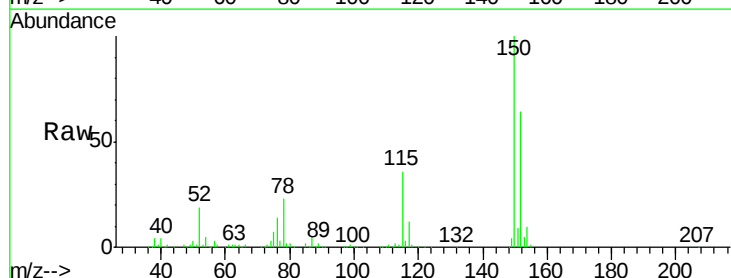


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN056592.D
Acq: 3 Jul 2019 18:15

Tgt Ion:152 Resp: 178721
Ion Ratio Lower Upper
152 100
115 56.1 28.1 84.4
150 155.2 0.0 348.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

