

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032319\
 Data File : VN054613.D
 Acq On : 23 Mar 2019 19:11
 Operator : JC/SP
 Sample : K2020-05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 KY038PS038-190318

Quant Time: Mar 25 04:32:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032019W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 22 02:09:07 2019
 Response via : Initial Calibration

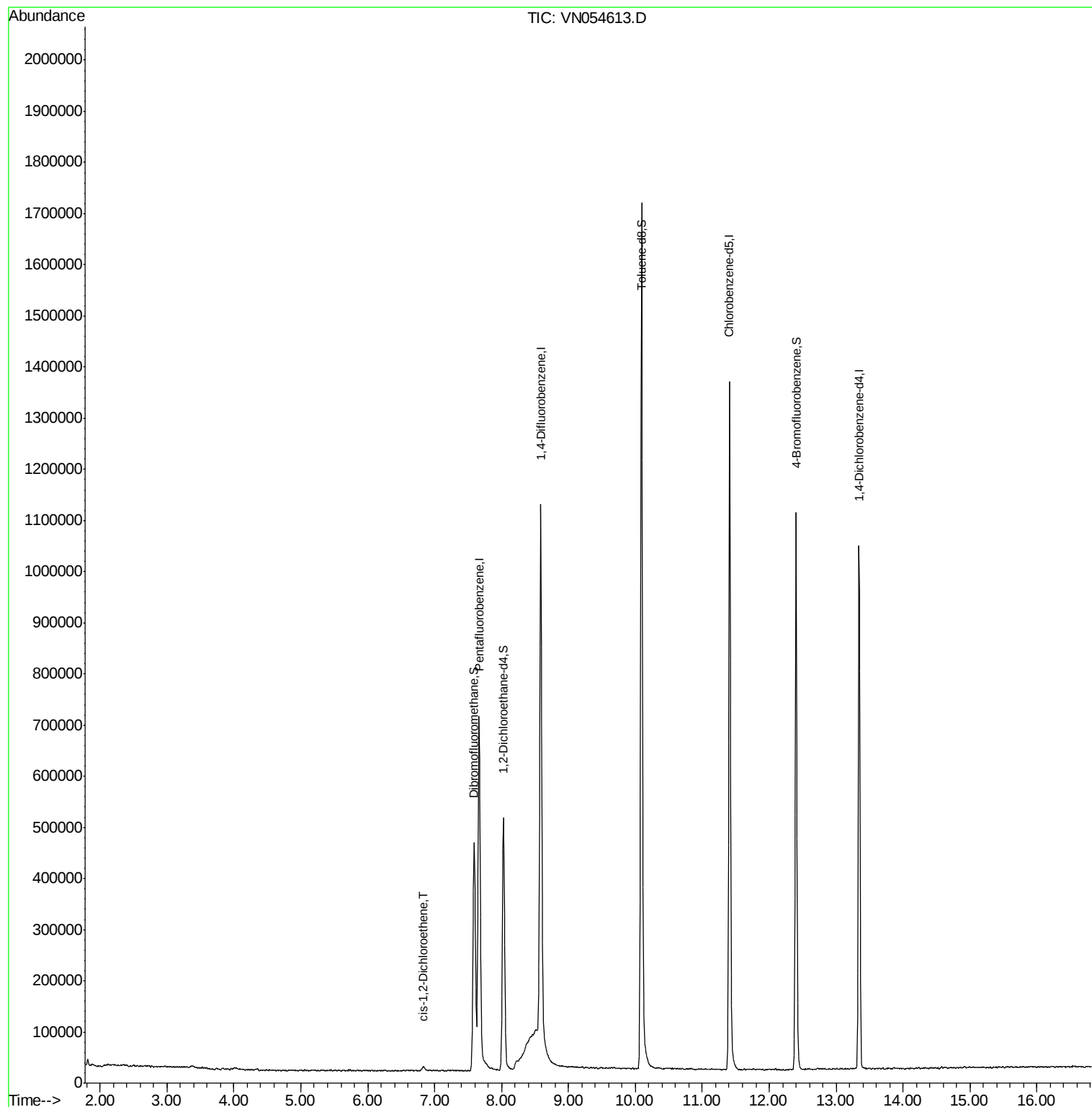
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	592589	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	959949	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	787229	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	276739	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	428698	58.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.32%	
35) Dibromofluoromethane	7.59	113	336256	54.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.74%	
50) Toluene-d8	10.09	98	1249869	53.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.52%	
62) 4-Bromofluorobenzene	12.40	95	379983	48.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.06%	
Target Compounds						
27) cis-1,2-Dichloroethene	6.83	96	5154	0.740	ug/l	Qvalue 81

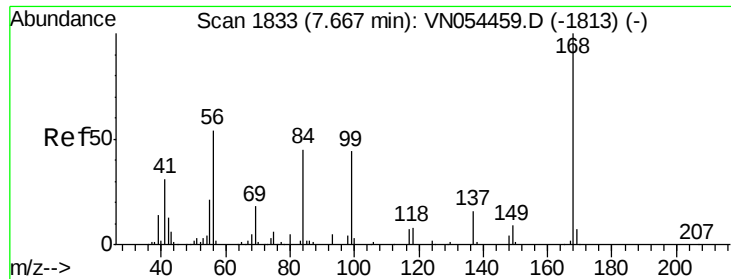
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN032319\
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QLast Update : Fri Mar 22 02:09:07 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN054613.D

Acq: 23 Mar 2019 19:11

Instrument :

MSVOA_N

ClientSampleId :

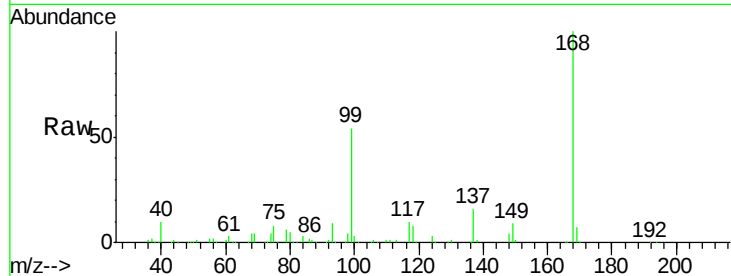
KY038PS038-190318

Tot Ion:168 Resp: 592589

Ion Ratio Lower Upper

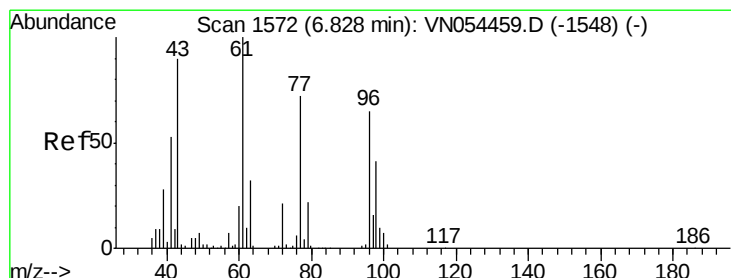
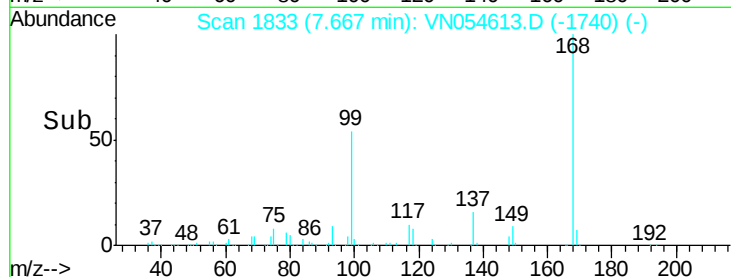
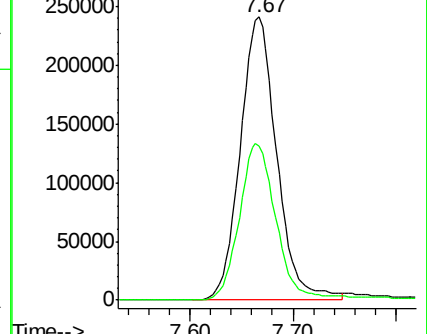
168 100

99 54.4 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#27

cis-1,2-Dichloroethene

Concen: 0.740 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. 0.00 min

Lab File: VN054613.D

Acq: 23 Mar 2019 19:11

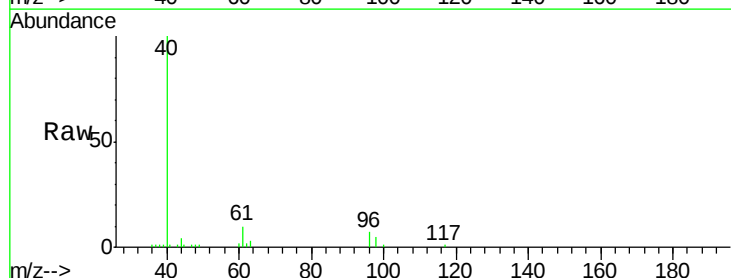
Tgt Ion: 96 Resp: 5154

Ion Ratio Lower Upper

96 100

61 141.3 0.0 273.0

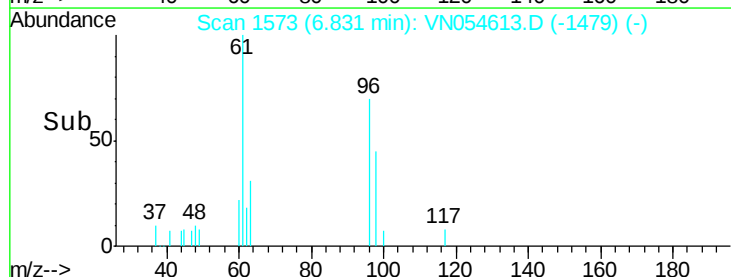
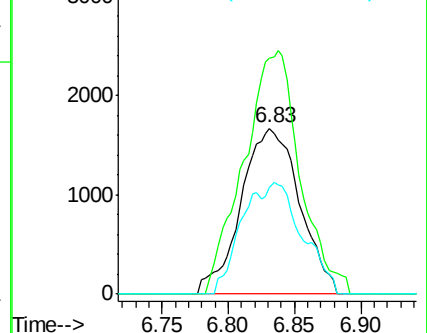
98 26.0 0.0 130.6

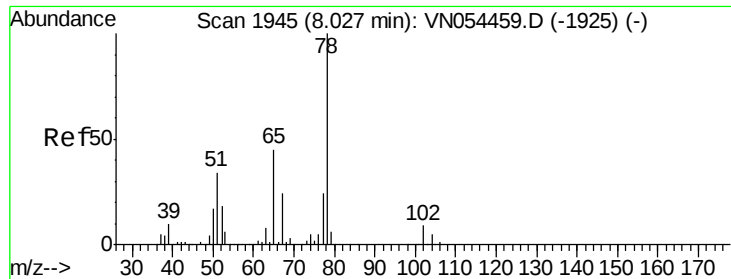


Abundance Ion 95.90 (95.60 to 96.60): VNO

Ion 60.90 (60.60 to 61.60): VNO

Ion 97.90 (97.60 to 98.60): VNO





#33

1,2-Dichloroethane-d4

Concen: 58.161 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN054613.D

Acq: 23 Mar 2019 19:11

Instrument :

MSVOA_N

ClientSampleId :

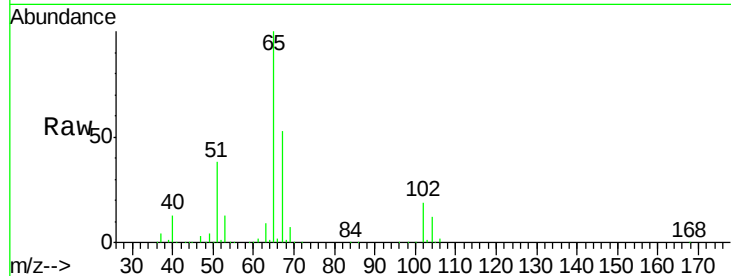
KY038PS038-190318

Tot Ion: 65 Resp: 428698

Ion Ratio Lower Upper

65 100

67 51.7 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VN054459.D (-1925) (-)

Ion 66.90 (66.60 to 67.60): VN054459.D (-1925) (-)

8.03

200000

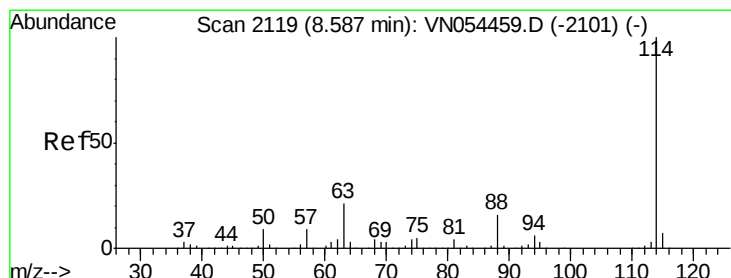
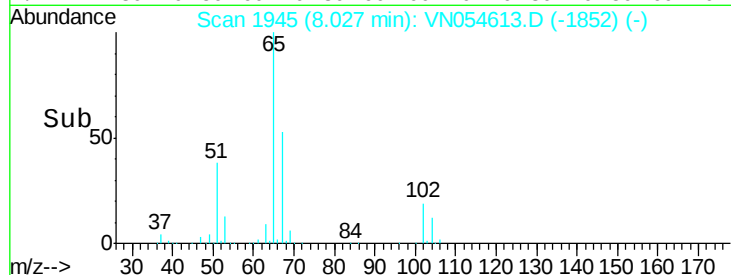
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VN054613.D

Acq: 23 Mar 2019 19:11

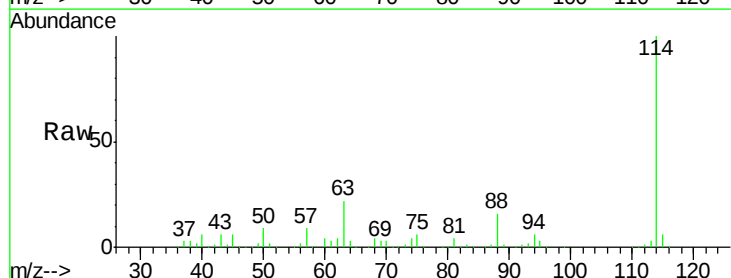
Tgt Ion: 114 Resp: 959949

Ion Ratio Lower Upper

114 100

63 22.3 0.0 35.2

88 15.8 0.0 30.2



Abundance Ion 113.90 (113.60 to 114.60): VN054459.D (-2101) (-)

Ion 63.00 (62.70 to 63.70): VN054459.D (-2101) (-)

Ion 87.90 (87.60 to 88.60): VN054459.D (-2101) (-)

8.59

600000

500000

400000

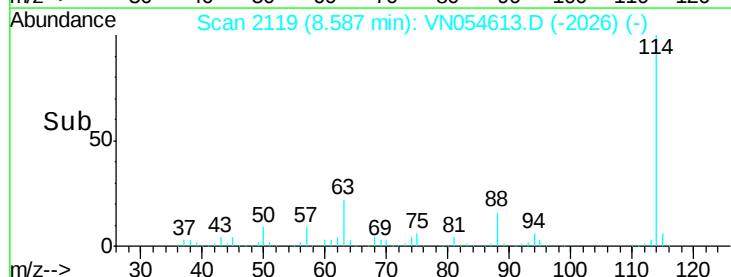
300000

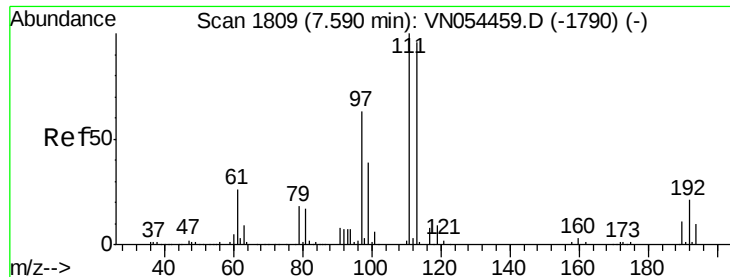
200000

100000

0

Time-->

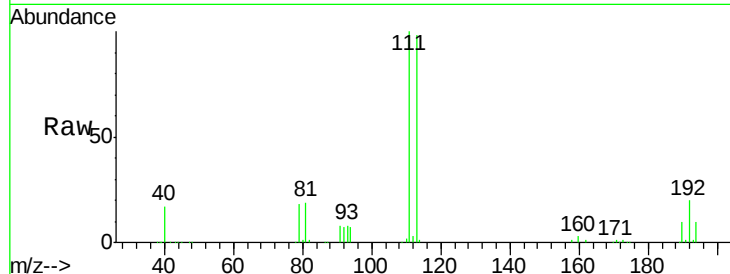




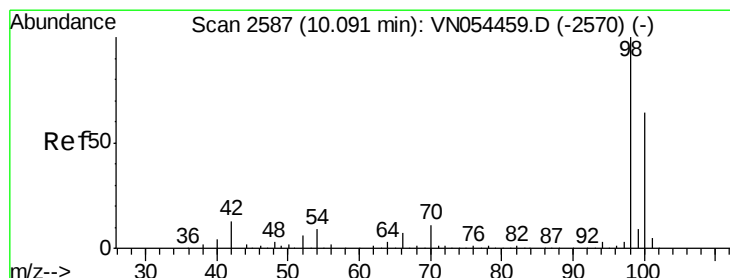
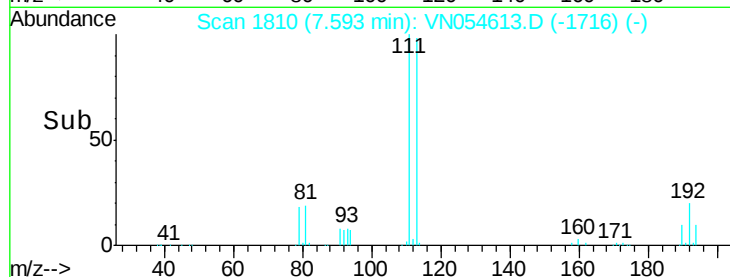
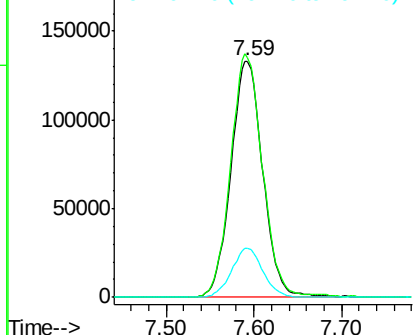
#35
Dibromofluoromethane
Concen: 54.371 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN054613.D
Acq: 23 Mar 2019 19:11

Instrument :
MSVOA_N
ClientSampleId :
KY038PS038-190318

Tot Ion:113 Resp: 336256
Ion Ratio Lower Upper
113 100
111 103.0 82.2 123.4
192 20.4 19.2 28.8

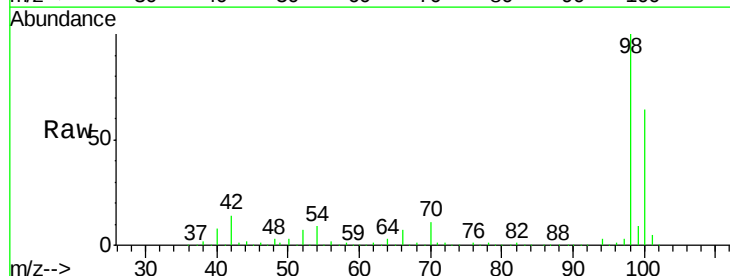


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

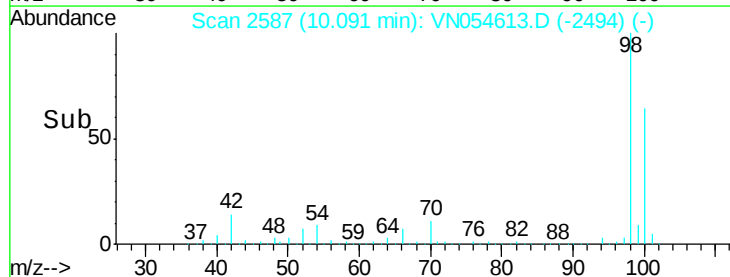
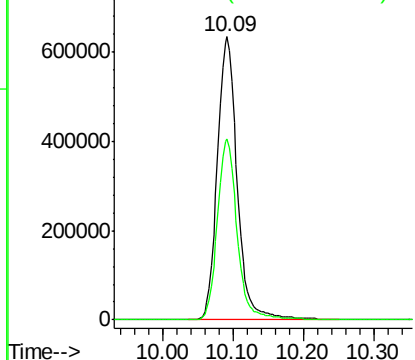


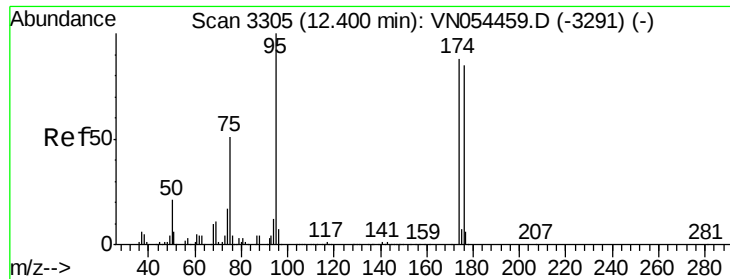
#50
Toluene-d8
Concen: 53.758 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN054613.D
Acq: 23 Mar 2019 19:11

Tgt Ion: 98 Resp: 1249869
Ion Ratio Lower Upper
98 100
100 63.7 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): V
Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 48.029 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN054613.D

Acq: 23 Mar 2019 19:11

Instrument :

MSVOA_N

ClientSampleId :

KY038PS038-190318

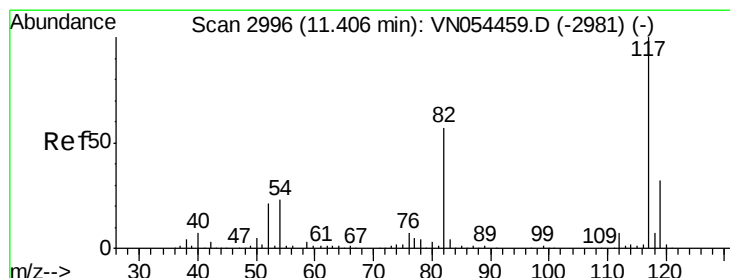
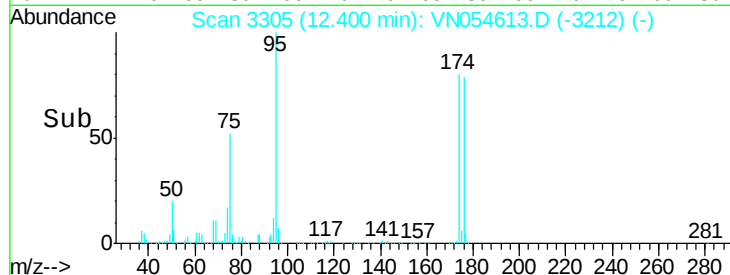
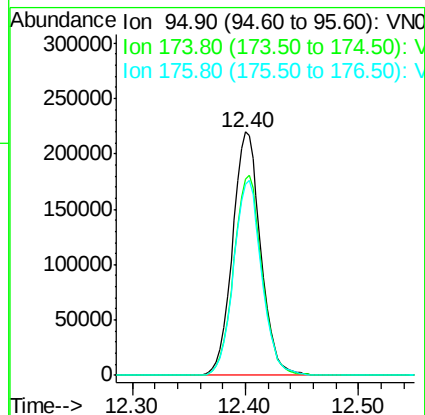
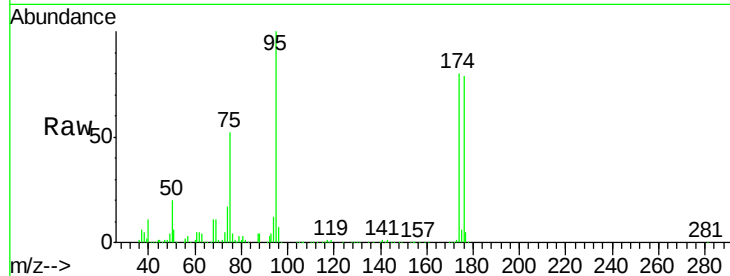
Tot Ion: 95 Resp: 379983

Ion Ratio Lower Upper

95 100

174 82.1 0.0 191.0

176 80.0 0.0 187.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN054613.D

Acq: 23 Mar 2019 19:11

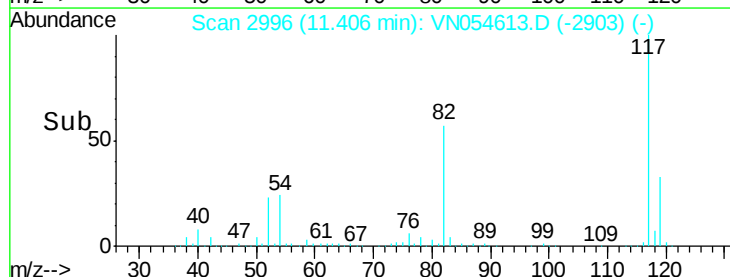
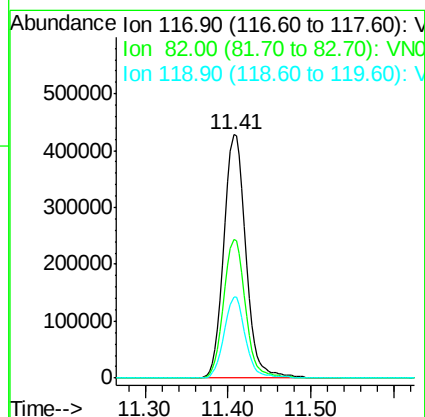
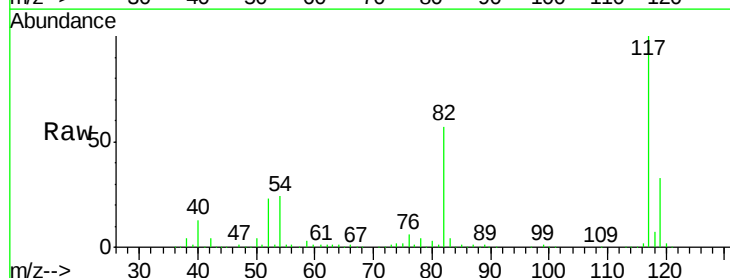
Tgt Ion: 117 Resp: 787229

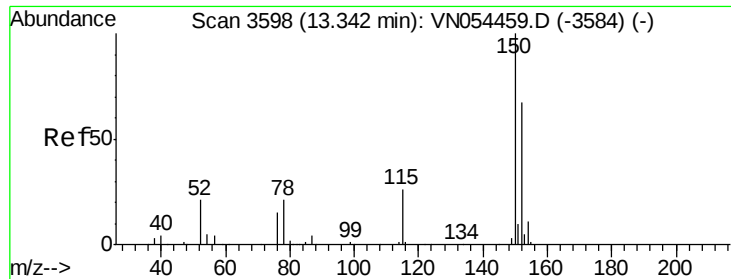
Ion Ratio Lower Upper

117 100

82 57.1 40.0 60.0

119 33.1 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN054613.D

Acq: 23 Mar 2019 19:11

Instrument :

MSVOA_N

ClientSampleId :

KY038PS038-190318

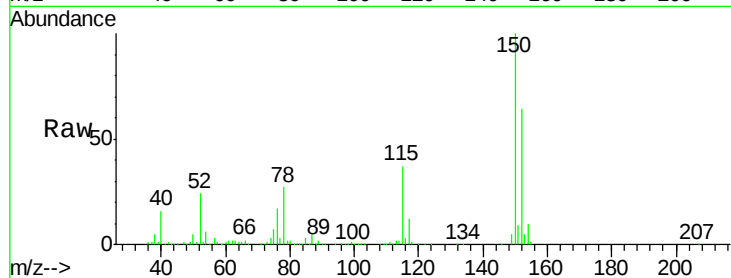
Tot Ion:152 Resp: 276739

Ion Ratio Lower Upper

152 100

115 58.7 27.2 81.6

150 156.4 0.0 349.2



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

