

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032319\
 Data File : VN054611.D
 Acq On : 23 Mar 2019 18:16
 Operator : JC/SP
 Sample : K2020-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 KY038PS035-190318

Quant Time: Mar 25 04:28:22 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	617928	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	968699	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	781981	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	267931	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	430189	55.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.94%	
35) Dibromofluoromethane	7.59	113	338026	54.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.32%	
50) Toluene-d8	10.09	98	1262917	53.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.66%	
62) 4-Bromofluorobenzene	12.40	95	375780	47.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.14%	

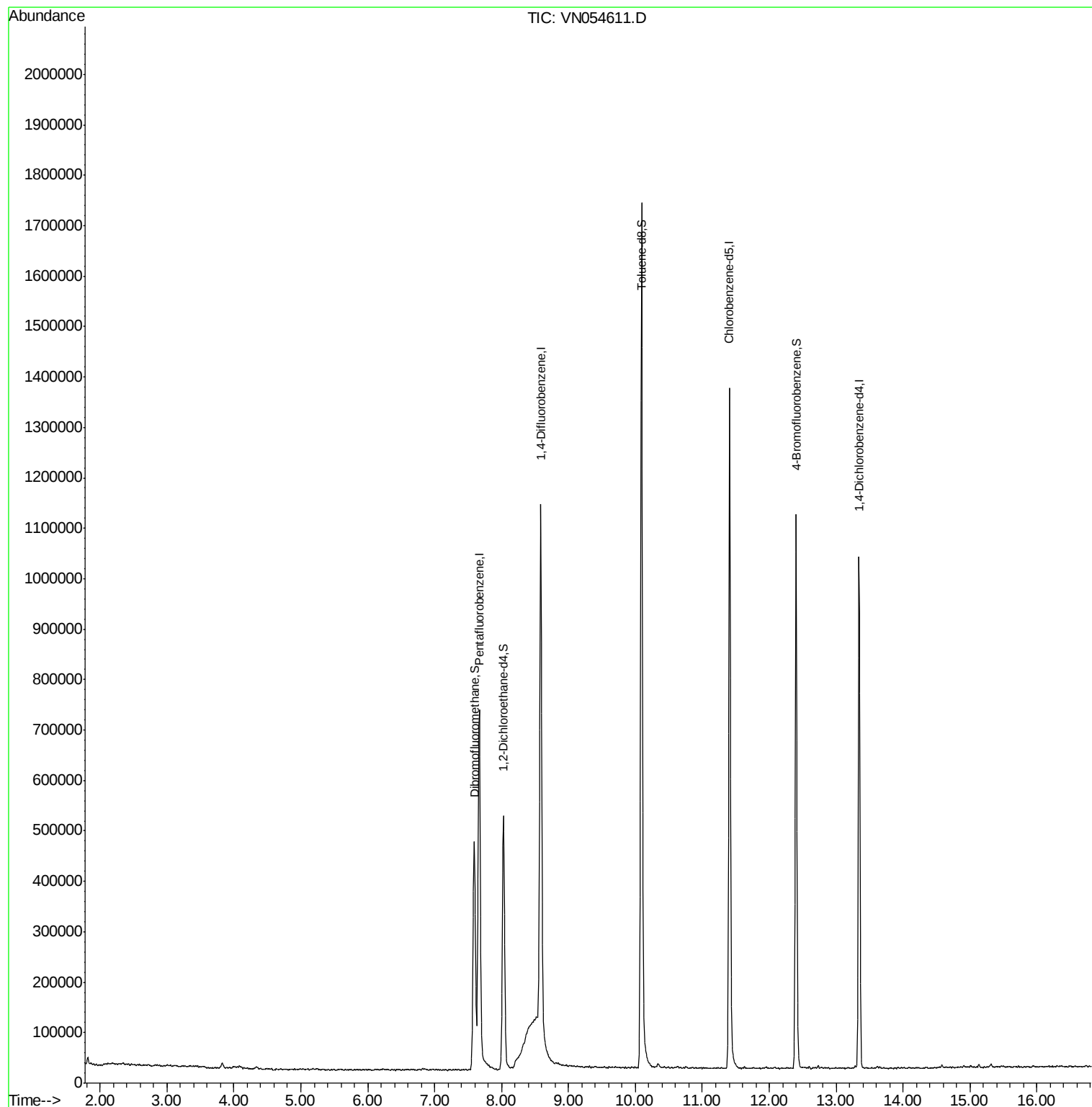
Target Compounds	Qvalue

(#) = 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: VN054611.D

Acq: 23 Mar 2019 18:16

Instrument :

MSVOA_N

ClientSampleId :

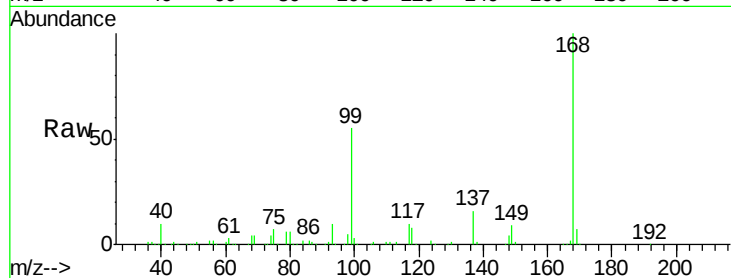
KY038PS035-190318

Tot Ion:168 Resp: 617928

Ion Ratio Lower Upper

168 100

99 55.0 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

250000

200000

150000

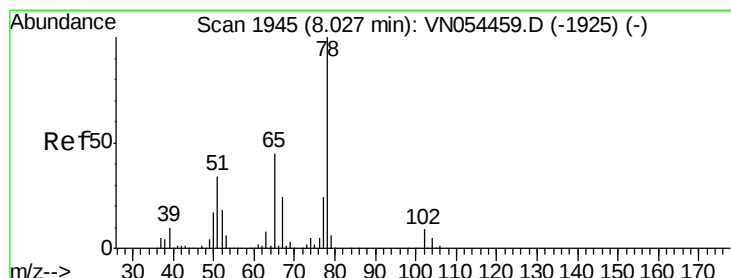
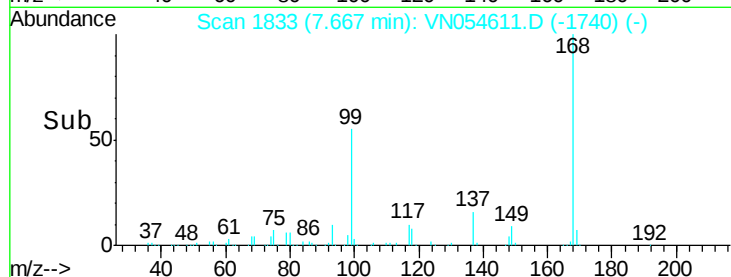
100000

50000

0

7.60 7.70 7.80

Time-->



#33

1,2-Dichloroethane-d4

Concen: 55.970 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN054611.D

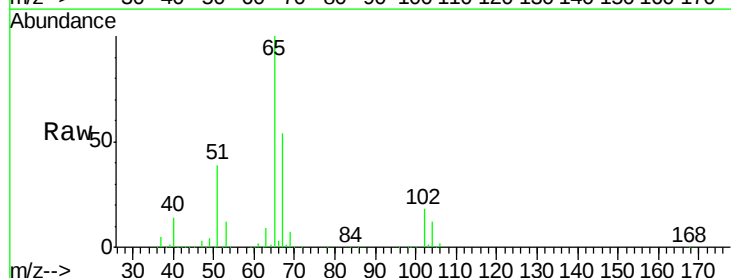
Acq: 23 Mar 2019 18:16

Tgt Ion: 65 Resp: 430189

Ion Ratio Lower Upper

65 100

67 52.5 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

8.03

200000

150000

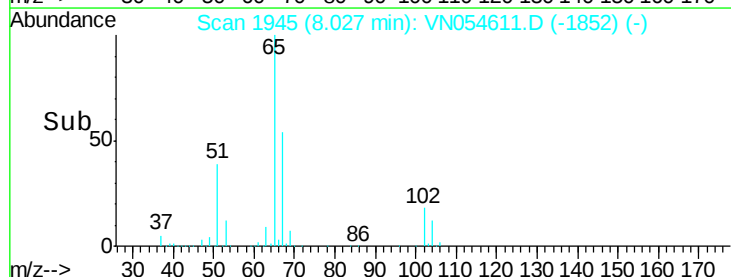
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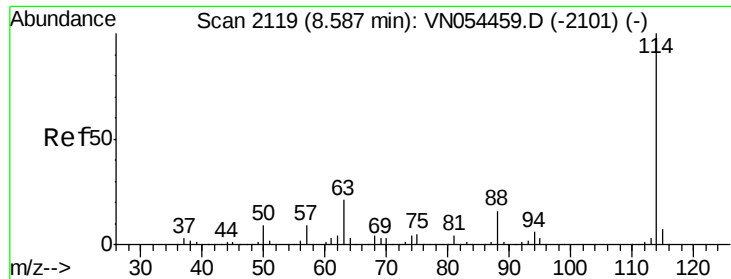
50000

0

7.90 8.00 8.10 8.20

Time-->

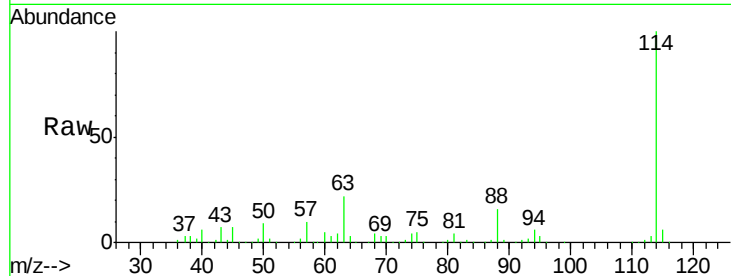




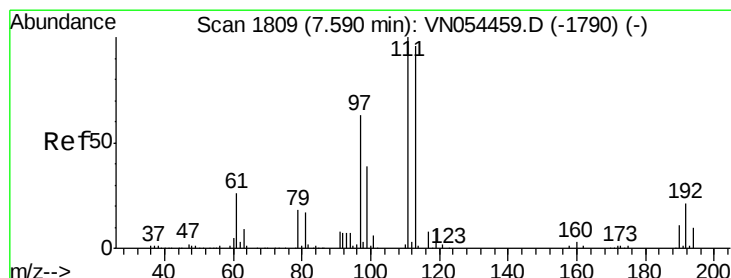
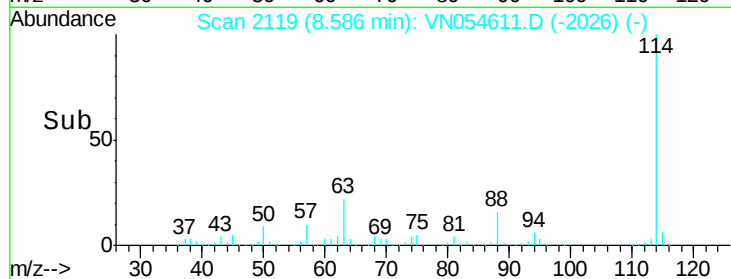
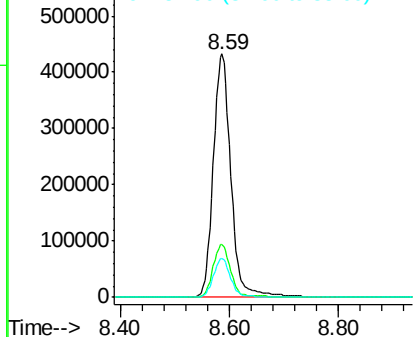
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN054611.D
 Acq: 23 Mar 2019 18:16

Instrument :
 MSVOA_N
 ClientSampleId :
 KY038PS035-190318

Tot Ion	Ratio	Lower	Upper
114	100		
63	21.7	0.0	35.2
88	16.0	0.0	30.2

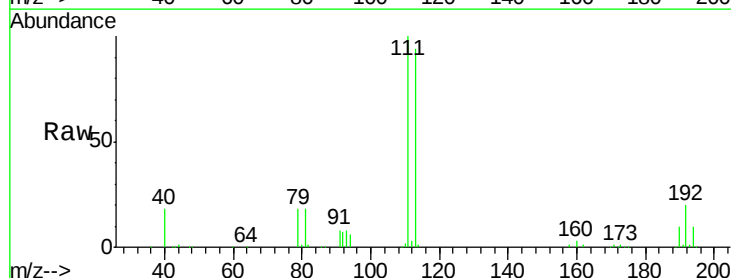


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

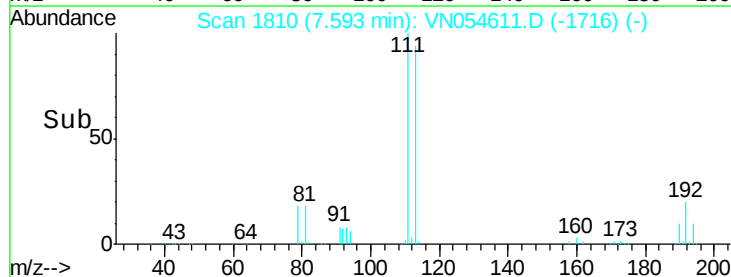
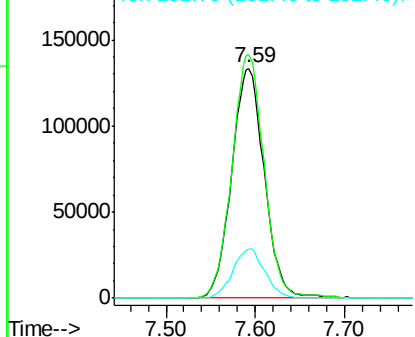


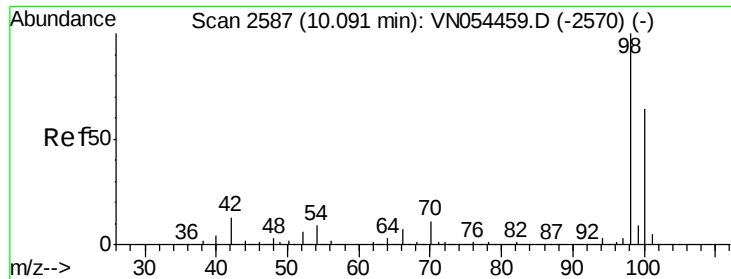
#35
 Dibromofluoromethane
 Concen: 54.164 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN054611.D
 Acq: 23 Mar 2019 18:16

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.8	82.2	123.4
192	20.9	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: 53.829 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN054611.D

Acq: 23 Mar 2019 18:16

Instrument :

MSVOA_N

ClientSampleId :

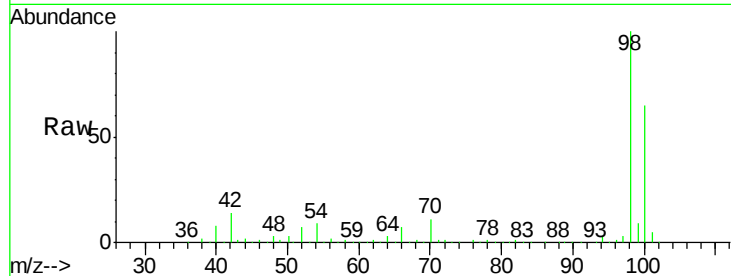
KY038PS035-190318

Tot Ion: 98 Resp: 1262917

Ion Ratio Lower Upper

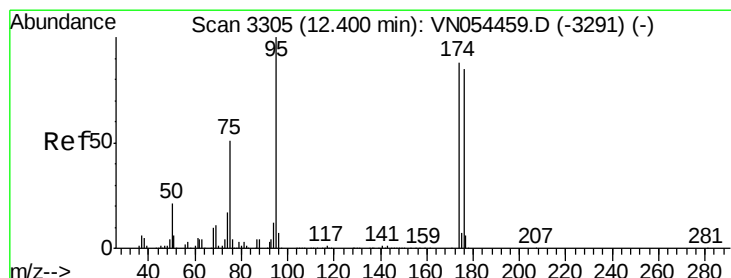
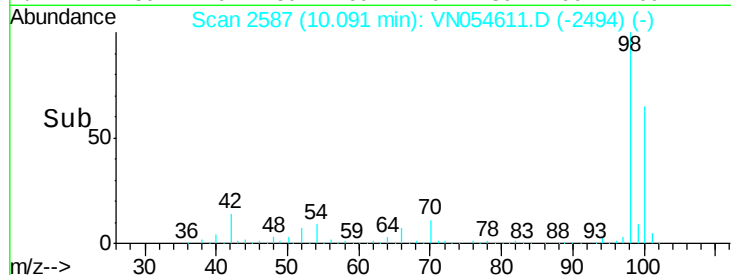
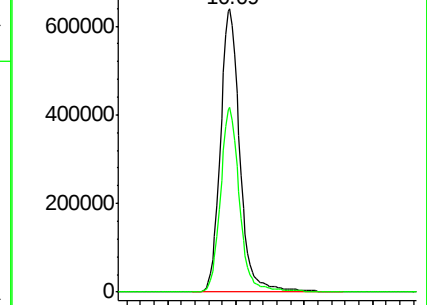
98 100

100 63.9 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN054459.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN054459.D (-2570) (-)



#62

4-Bromofluorobenzene

Concen: 47.069 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN054611.D

Acq: 23 Mar 2019 18:16

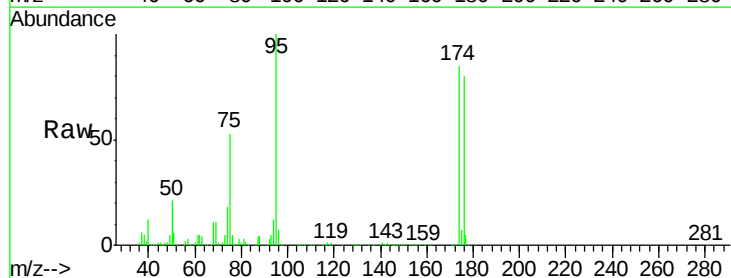
Tgt Ion: 95 Resp: 375780

Ion Ratio Lower Upper

95 100

174 84.3 0.0 191.0

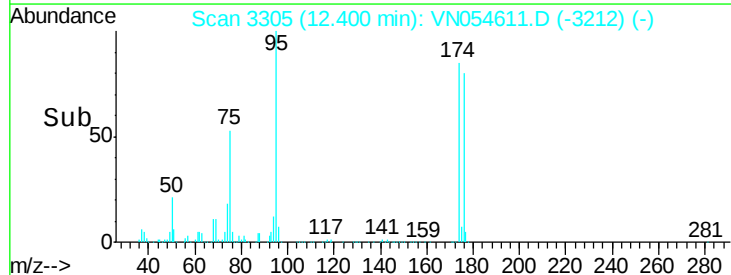
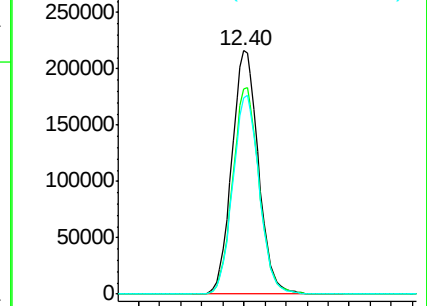
176 81.5 0.0 187.4

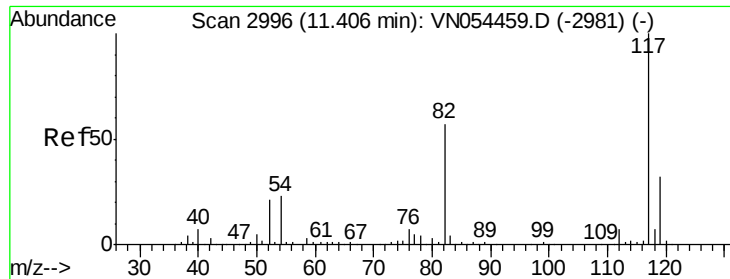


Abundance Ion 94.90 (94.60 to 95.60): VN054459.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN054459.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN054459.D (-3291) (-)





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN054611.D

Acq: 23 Mar 2019 18:16

Instrument :

MSVOA_N

ClientSampleId :

KY038PS035-190318

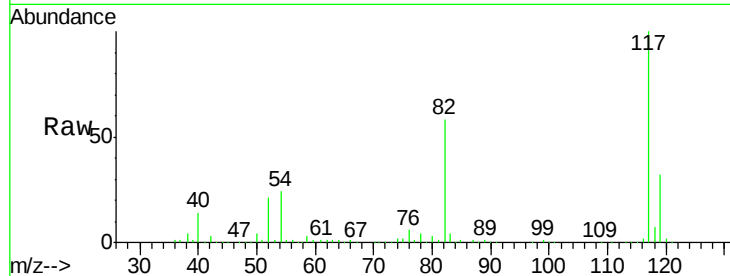
Tot Ion:117 Resp: 781981

Ion Ratio Lower Upper

117 100

82 57.8 40.0 60.0

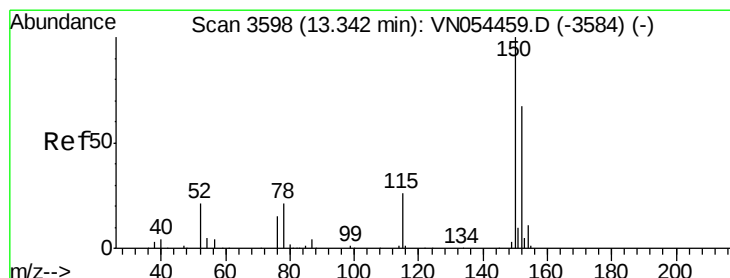
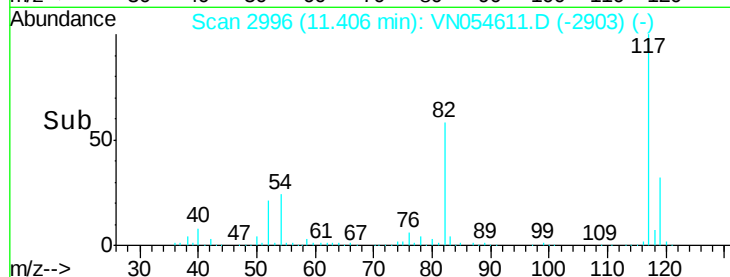
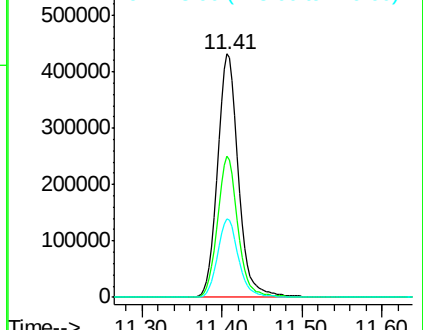
119 32.3 25.8 38.6



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN0

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: VN054611.D

Acq: 23 Mar 2019 18:16

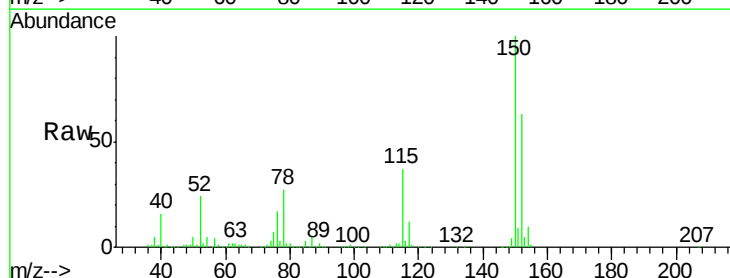
Tgt Ion:152 Resp: 267931

Ion Ratio Lower Upper

152 100

115 59.0 27.2 81.6

150 159.4 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

