

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090719\
 Data File : VN057781.D
 Acq On : 8 Sep 2019 2:29
 Operator : JC/SP
 Sample : K4601-31
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 T12-F1-(0)

Quant Time: Sep 08 07:30:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N090619W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 06 03:46:54 2019
 Response via : Initial Calibration

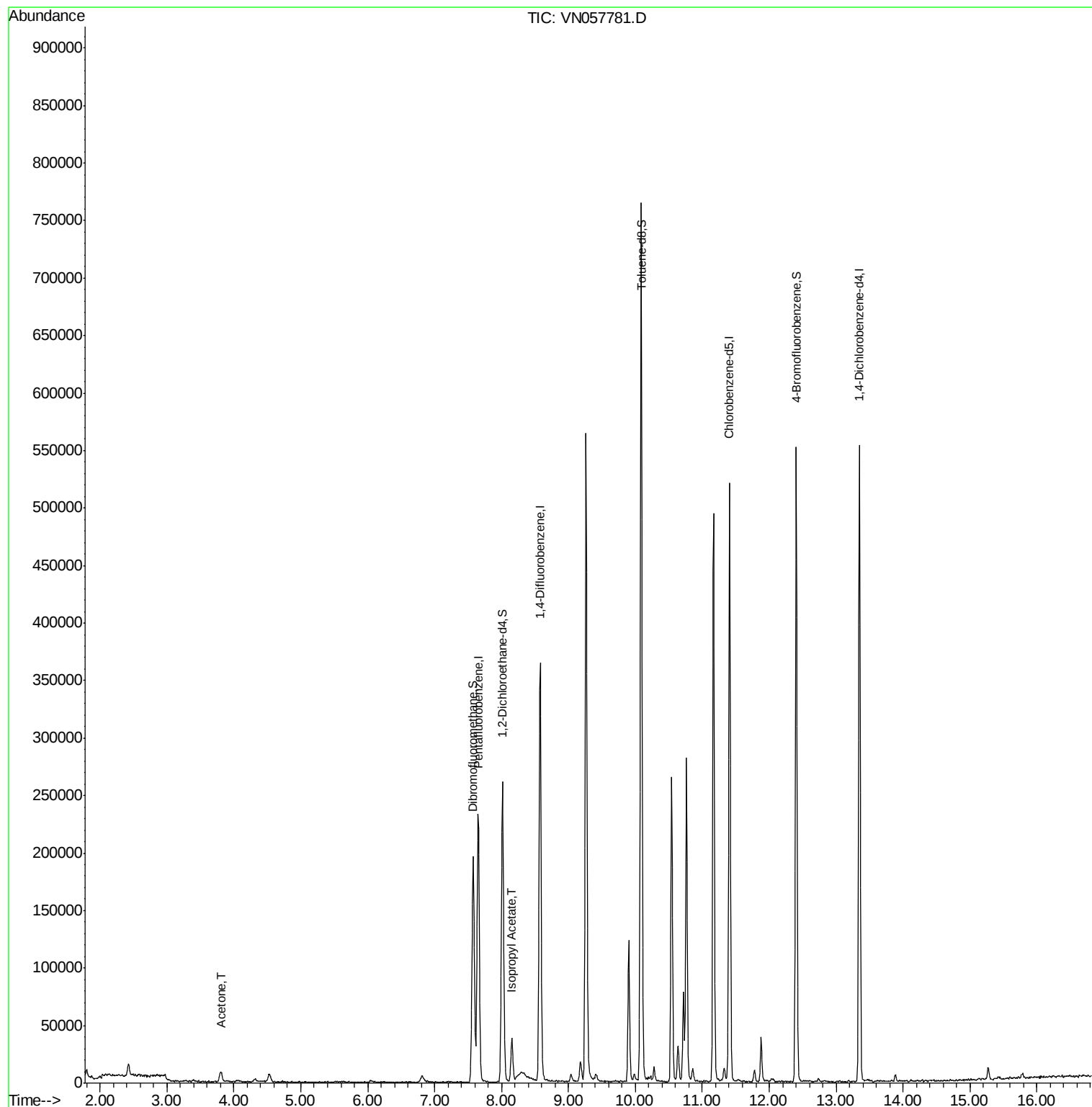
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	170085	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	291626	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	254898	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	126621	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	228548	55.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.48%	
35) Dibromofluoromethane	7.57	113	140447	52.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.74%	
50) Toluene-d8	10.08	98	485904	49.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.90%	
62) 4-Bromofluorobenzene	12.40	95	176742	43.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.60%	
Target Compounds						
16) Acetone	3.81	43	15890	12.479	ug/l	91
43) Isopropyl Acetate	8.15	43	45473	6.151	ug/l	99

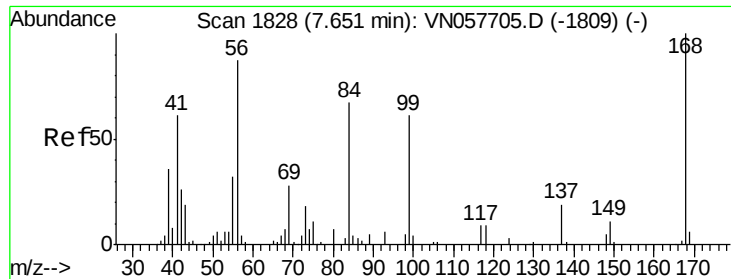
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN057781.D

Acq: 8 Sep 2019 2:29

Instrument :

MSVOA_N

ClientSampleId :

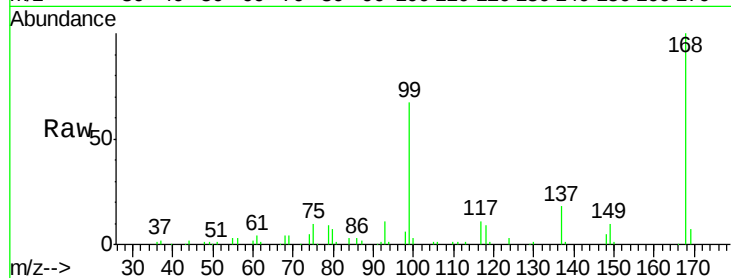
T12-F1-(0)

Tot Ion:168 Resp: 170085

Ion Ratio Lower Upper

168 100

99 66.9 57.4 86.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.65

80000

60000

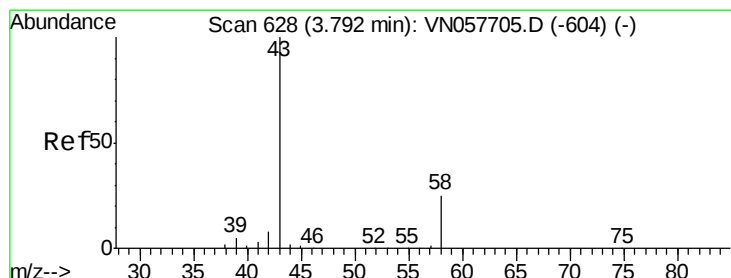
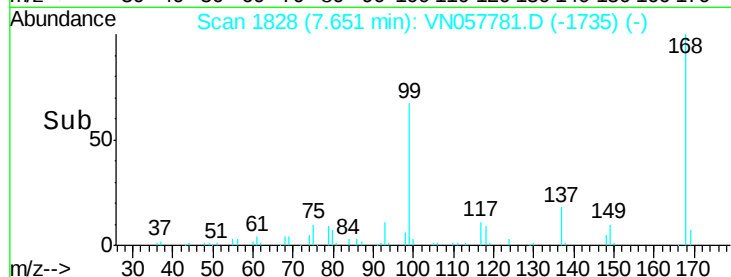
40000

20000

0

Time-->

7.55 7.60 7.65 7.70 7.75



#16

Acetone

Concen: 12.479 ug/l

RT: 3.81 min Scan# 632

Delta R.T. 0.01 min

Lab File: VN057781.D

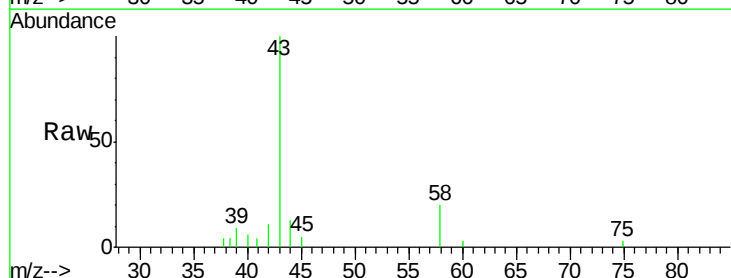
Acq: 8 Sep 2019 2:29

Tgt Ion: 43 Resp: 15890

Ion Ratio Lower Upper

43 100

58 20.2 19.8 29.8



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.81

6000

5000

4000

3000

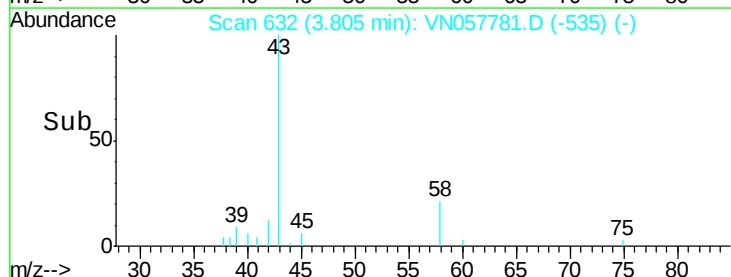
2000

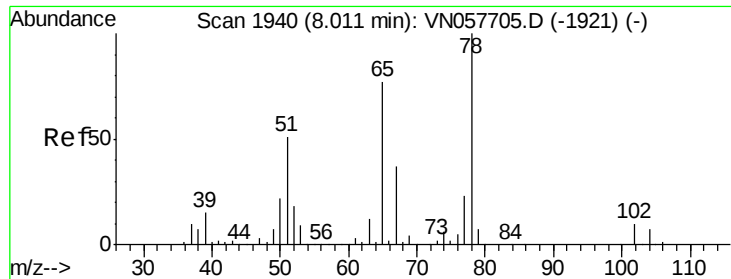
1000

0

Time-->

3.70 3.75 3.80 3.85 3.90

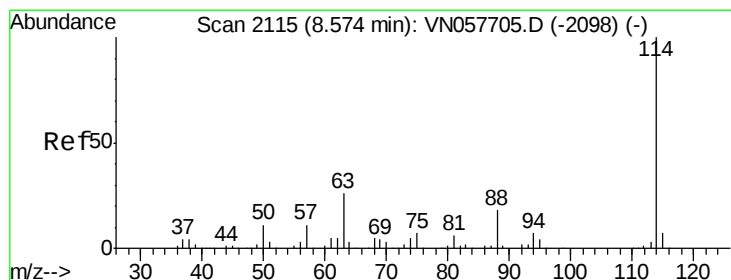
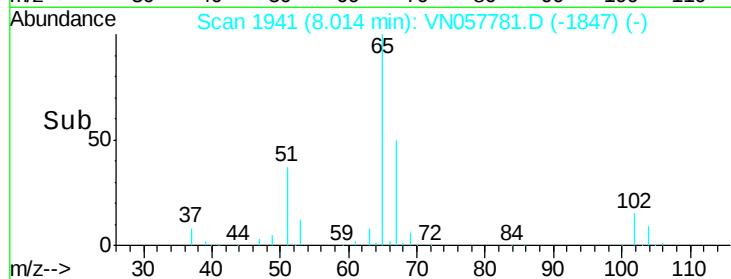
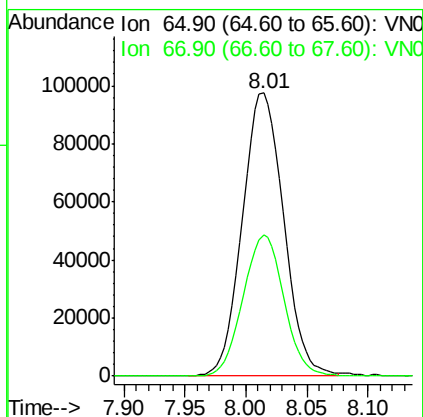
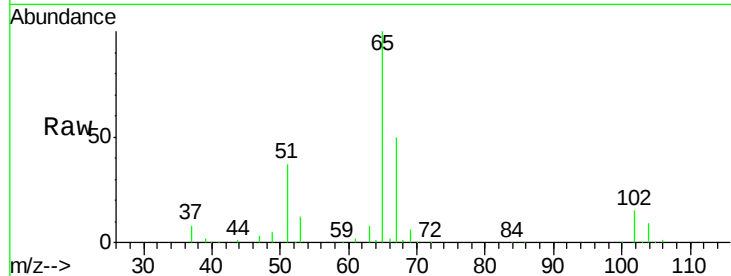




#33
 1,2-Dichloroethane-d4
 Concen: 55.236 ug/l
 RT: 8.01 min Scan# 1941
 Delta R.T. 0.00 min
 Lab File: VN057781.D
 Acq: 8 Sep 2019 2:29

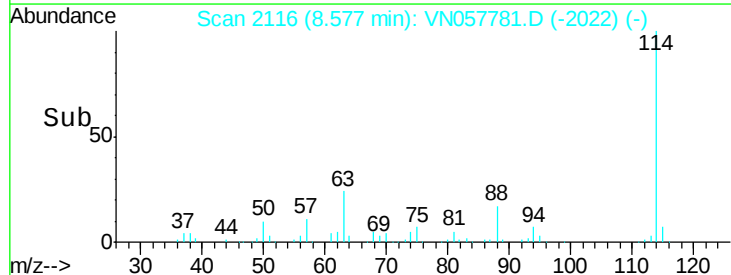
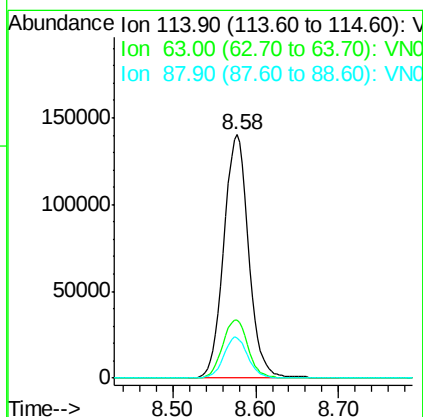
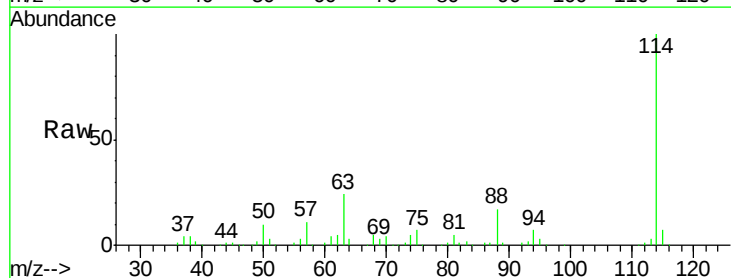
Instrument :
 MSVOA_N
 ClientSampled :
 T12-F1-(0)

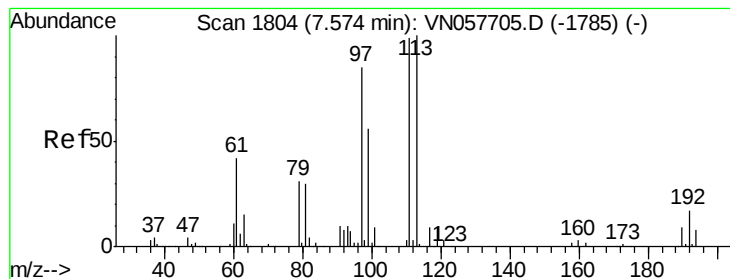
Tot Ion: 65 Resp: 228548
 Ion Ratio Lower Upper
 65 100
 67 49.3 0.0 98.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2116
 Delta R.T. 0.00 min
 Lab File: VN057781.D
 Acq: 8 Sep 2019 2:29

Tgt Ion: 114 Resp: 291626
 Ion Ratio Lower Upper
 114 100
 63 24.0 0.0 52.4
 88 16.5 0.0 35.4





#35

Dibromofluoromethane

Concen: 52.874 ug/l

RT: 7.57 min Scan# 1804

Delta R.T. 0.00 min

Lab File: VN057781.D

Acq: 8 Sep 2019 2:29

Instrument :

MSVOA_N

ClientSampleId :

T12-F1-(0)

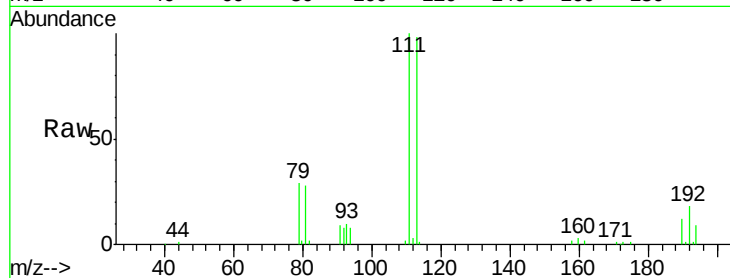
Tot Ion:113 Resp: 140447

Ion Ratio Lower Upper

113 100

111 102.5 82.7 124.1

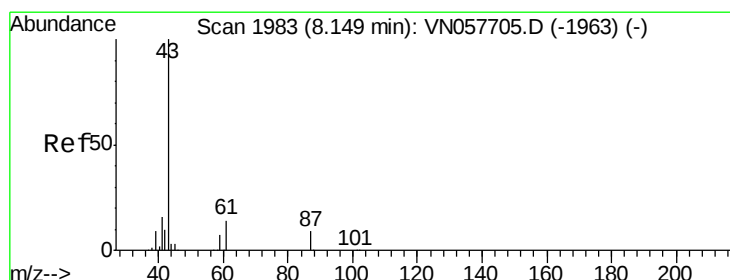
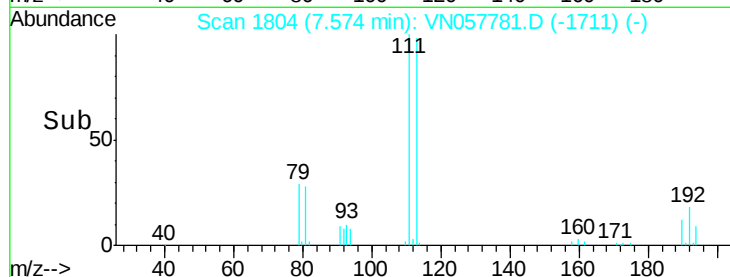
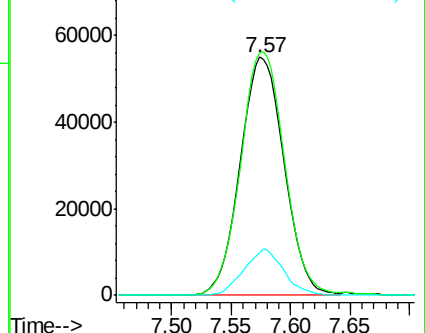
192 17.7 13.8 20.6



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



#43

Isopropyl Acetate

Concen: 6.151 ug/l

RT: 8.15 min Scan# 1984

Delta R.T. 0.00 min

Lab File: VN057781.D

Acq: 8 Sep 2019 2:29

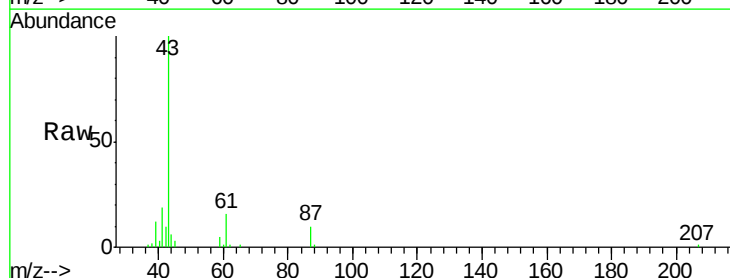
Tgt Ion: 43 Resp: 45473

Ion Ratio Lower Upper

43 100

61 15.3 12.8 19.2

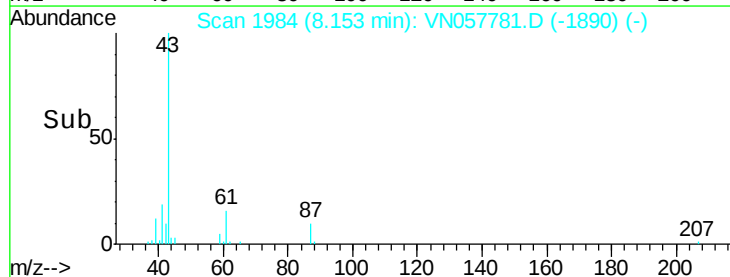
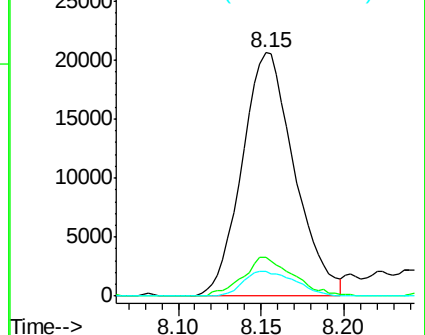
87 10.0 7.8 11.8

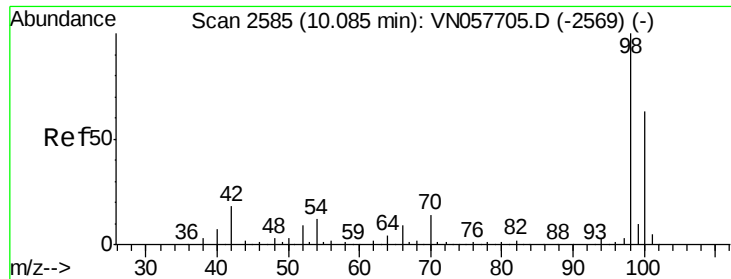


Abundance Ion 43.00 (42.70 to 43.70): V

Ion 61.00 (60.70 to 61.70): V

Ion 87.00 (86.70 to 87.70): V





#50

Toluene-d8

Concen: 49.450 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. 0.00 min

Lab File: VN057781.D

Acq: 8 Sep 2019 2:29

Instrument :

MSVOA_N

ClientSampleId :

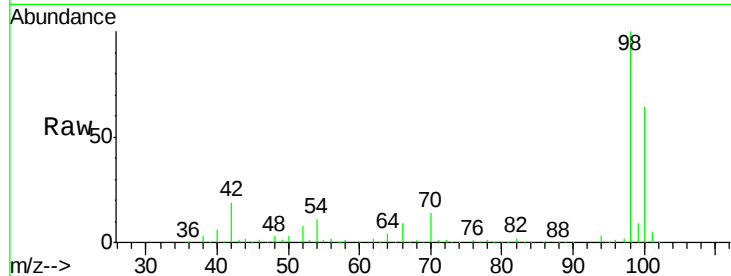
T12-F1-(0)

Tot Ion: 98 Resp: 485904

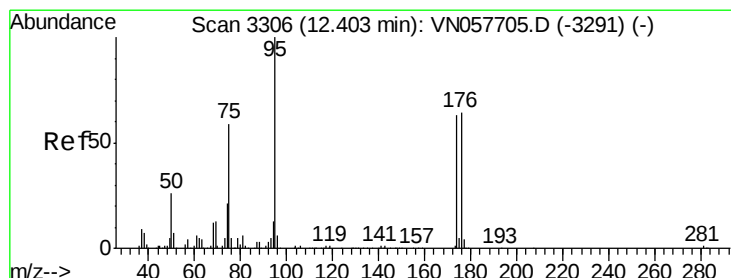
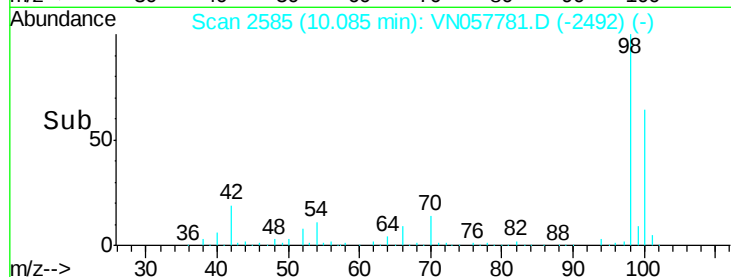
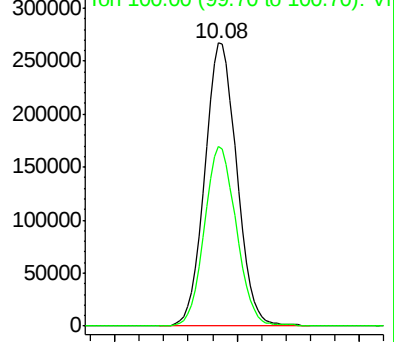
Ion Ratio Lower Upper

98 100

100 63.6 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN057705.D (-2569) (-)



#62

4-Bromofluorobenzene

Concen: 43.305 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN057781.D

Acq: 8 Sep 2019 2:29

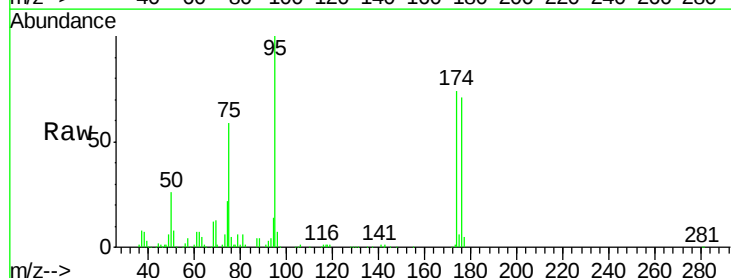
Tgt Ion: 95 Resp: 176742

Ion Ratio Lower Upper

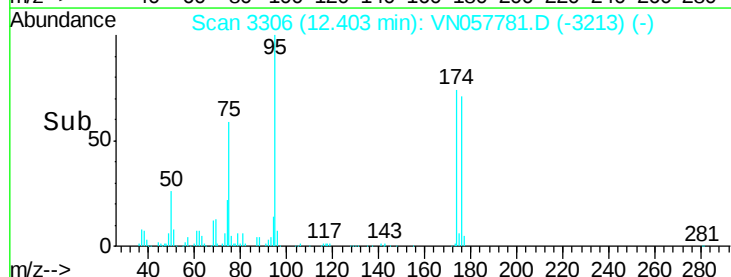
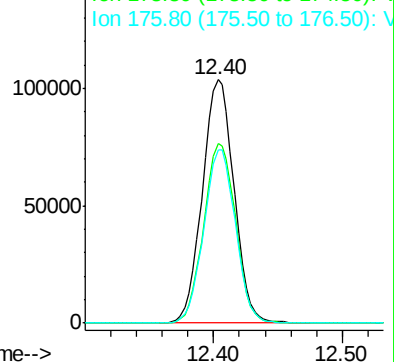
95 100

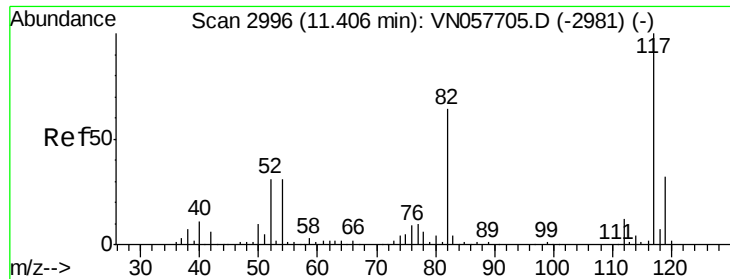
174 74.4 0.0 128.0

176 71.3 0.0 128.0



Abundance Ion 94.90 (94.60 to 95.60): VN057705.D (-3291) (-)





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN057781.D

Acq: 8 Sep 2019 2:29

Instrument :

MSVOA_N

ClientSampleId :

T12-F1-(0)

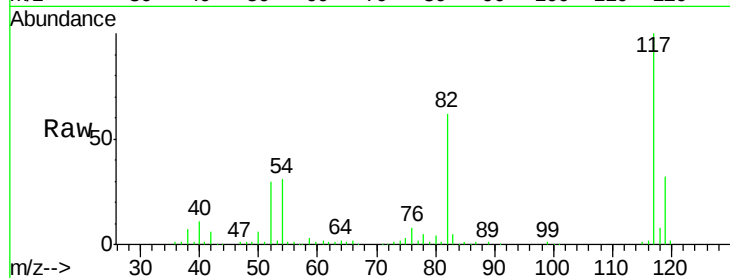
Tot Ion:117 Resp: 254898

Ion Ratio Lower Upper

117 100

82 61.7 51.4 77.0

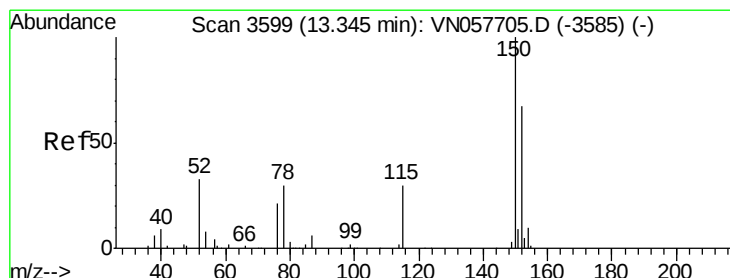
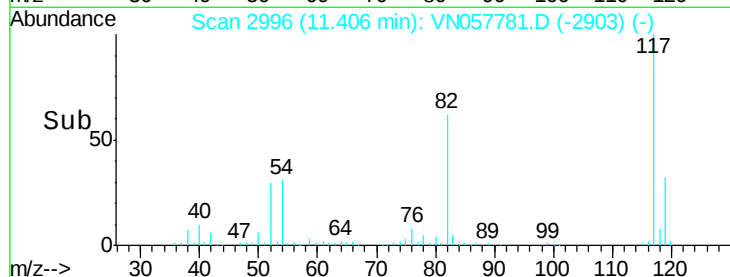
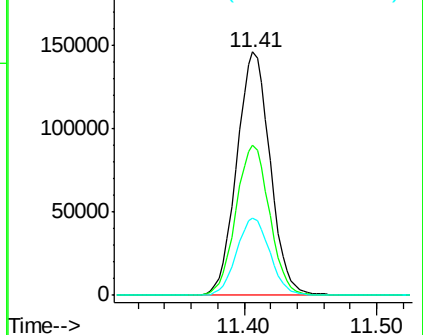
119 31.8 25.4 38.2



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: 13.35 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN057781.D

Acq: 8 Sep 2019 2:29

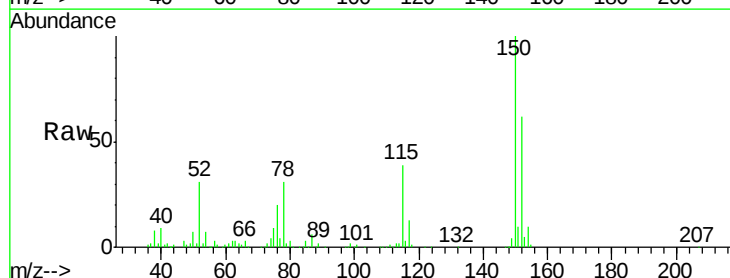
Tgt Ion:152 Resp: 126621

Ion Ratio Lower Upper

152 100

115 63.8 33.8 101.3

150 160.8 0.0 345.4



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

