

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090719\
 Data File : VN057762.D
 Acq On : 7 Sep 2019 18:25
 Operator : JC/SP
 Sample : K4581-34
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 T12-D4-(0)

Quant Time: Sep 08 07:10:44 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

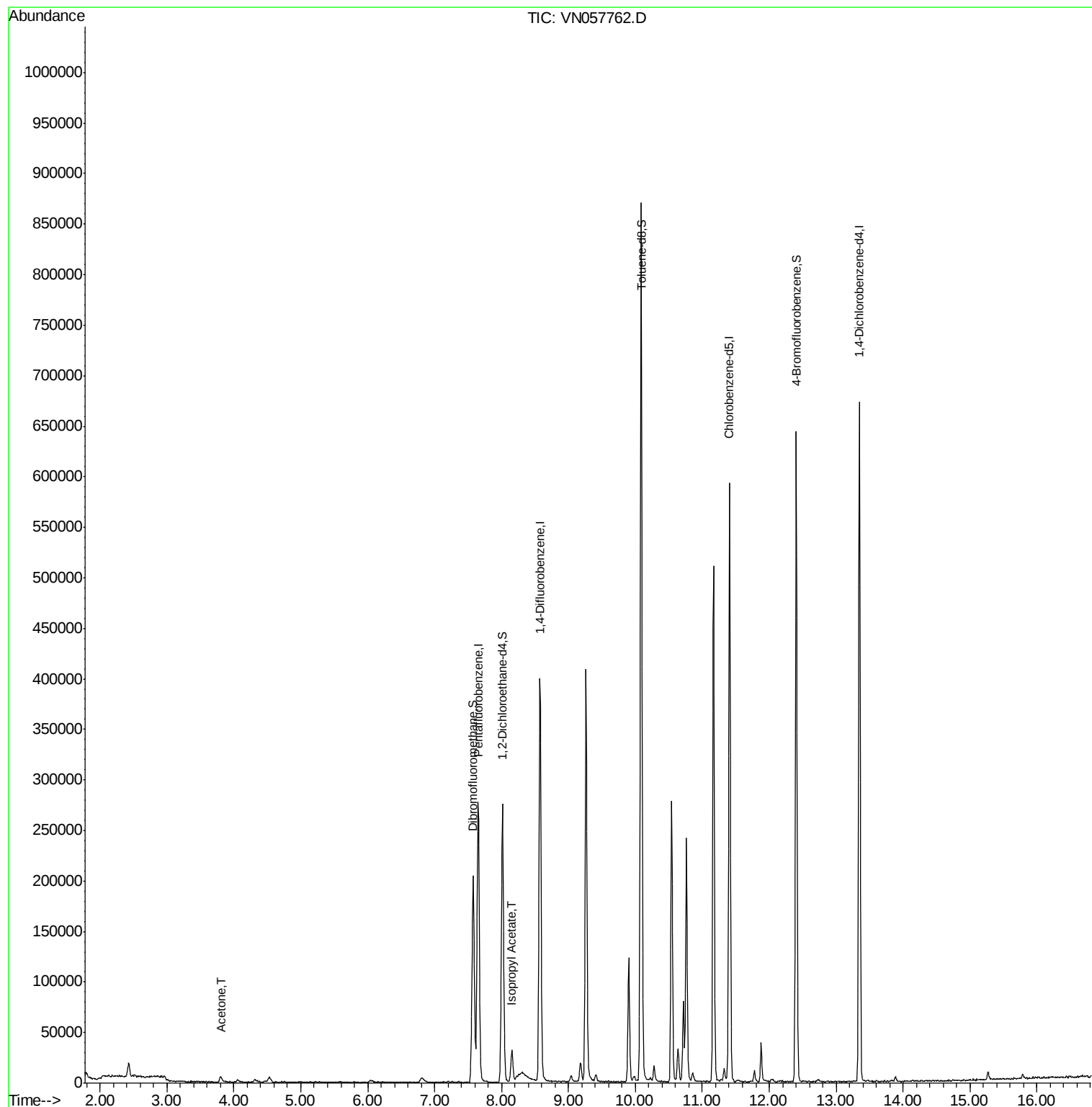
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	204349	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	317652	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	297049	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	151960	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	242161	48.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.42%	
35) Dibromofluoromethane	7.58	113	142004	49.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.16%	
50) Toluene-d8	10.09	98	555857	51.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.86%	
62) 4-Bromofluorobenzene	12.40	95	199123	44.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.58%	
Target Compounds						
16) Acetone	3.80	43	9002	5.884	ug/l	92
43) Isopropyl Acetate	8.16	43	38288	4.755	ug/l	97

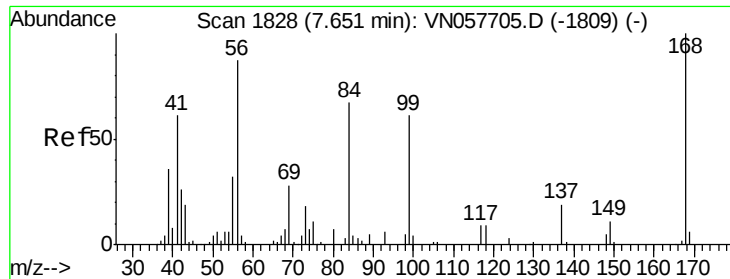
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN057762.D

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MSVOA_N

ClientSampleId :

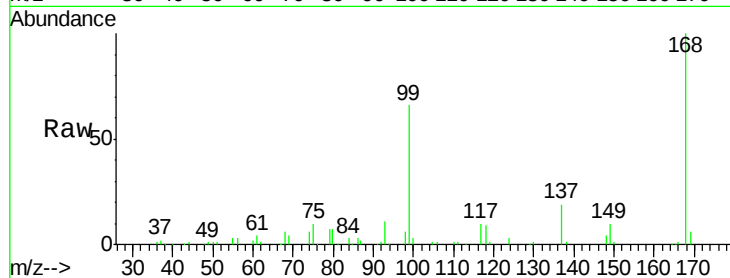
T12-D4-(0)

Tot Ion:168 Resp: 204349

Ion Ratio Lower Upper

168 100

99 66.5 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

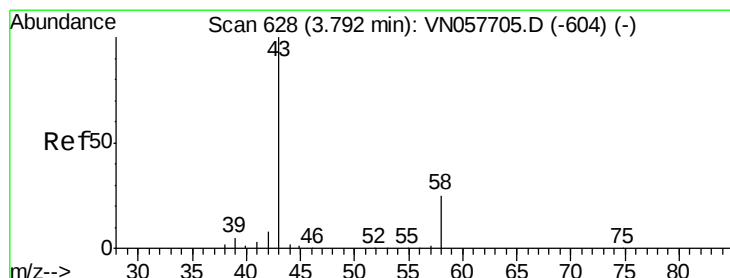
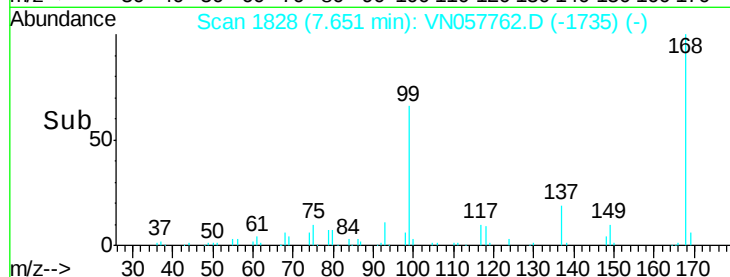
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 5.884 ug/l

RT: 3.80 min Scan# 631

Delta R.T. 0.01 min

Lab File: VN057762.D

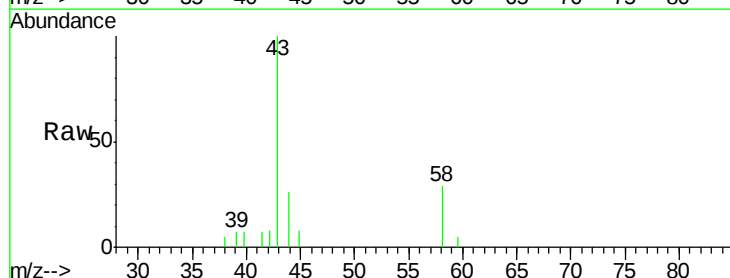
Acq: 7 Sep 2019 18:25

Tgt Ion: 43 Resp: 9002

Ion Ratio Lower Upper

43 100

58 29.0 19.8 29.8



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.80

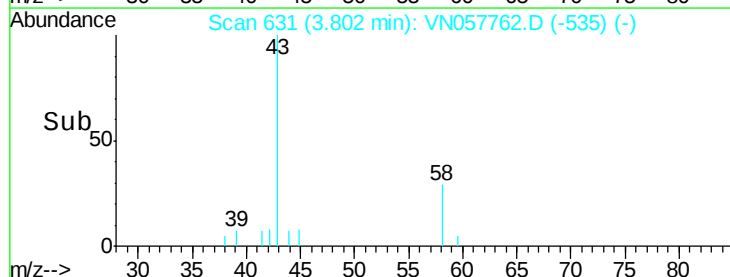
3000

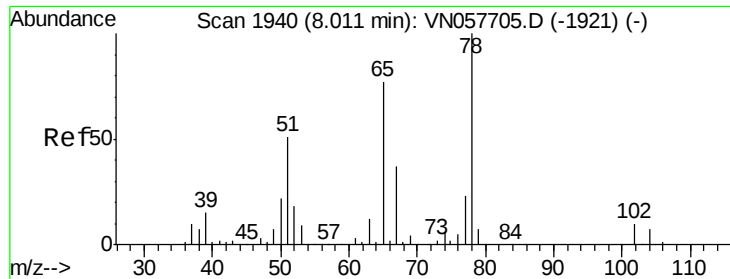
2000

1000

0

Time-->

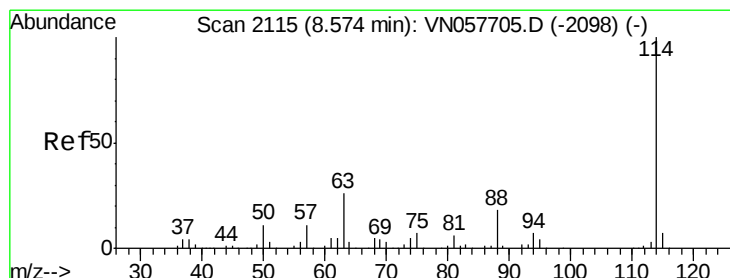
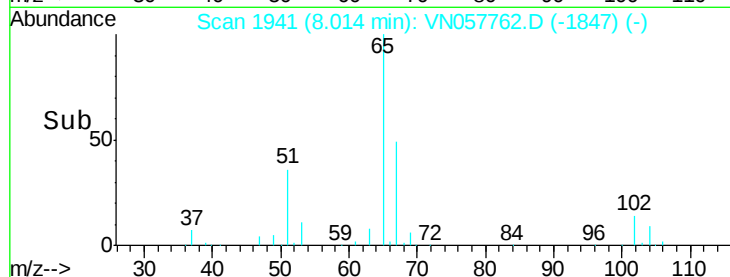
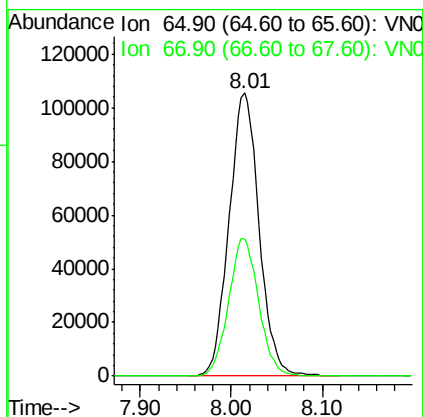
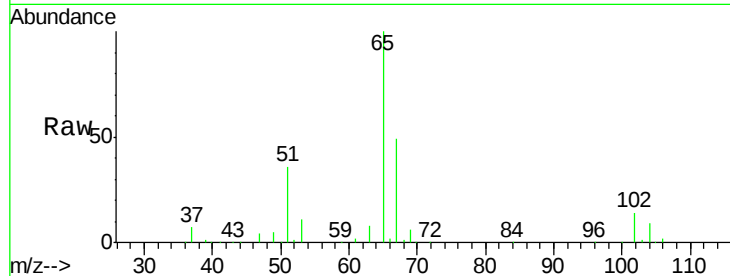




#33
 1,2-Dichloroethane-d4
 Concen: 48.713 ug/l
 RT: 8.01 min Scan# 1941
 Delta R.T. 0.00 min
 Lab File: VN057762.D
 Acq: 7 Sep 2019 18:25

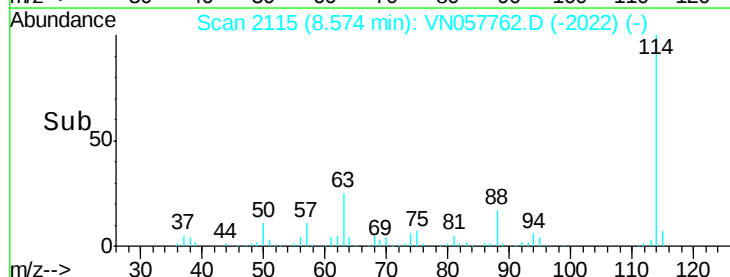
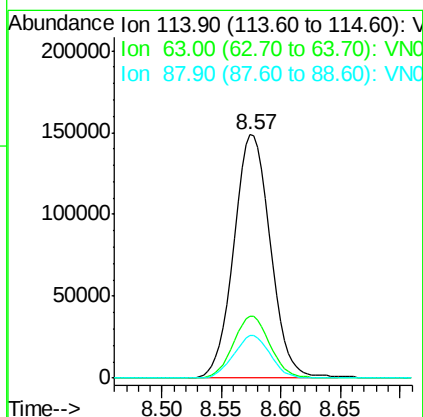
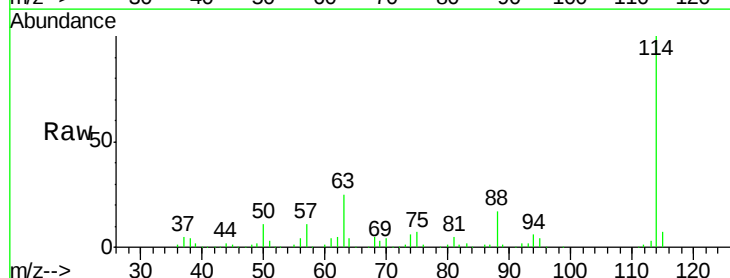
Instrument :
 MSVOA_N
 ClientSampleId :
 T12-D4-(0)

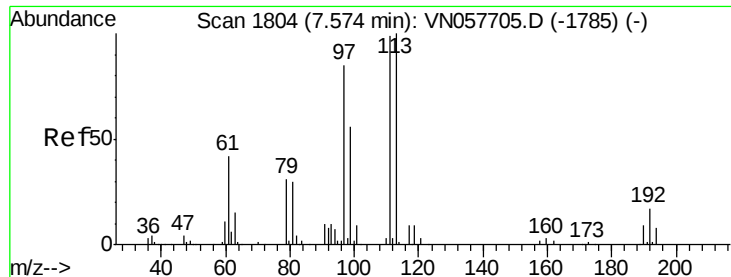
Tot Ion: 65 Resp: 242161
 Ion Ratio Lower Upper
 65 100
 67 48.6 0.0 98.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. 0.00 min
 Lab File: VN057762.D
 Acq: 7 Sep 2019 18:25

Tgt Ion: 114 Resp: 317652
 Ion Ratio Lower Upper
 114 100
 63 25.4 0.0 52.4
 88 17.4 0.0 35.4

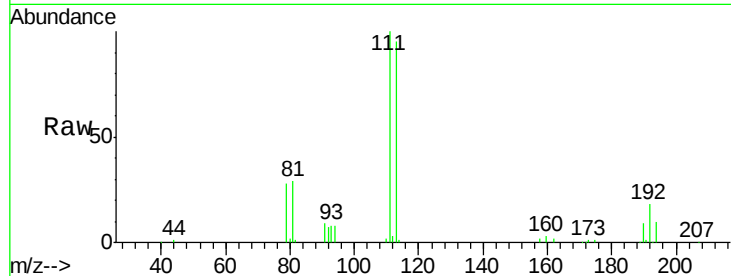




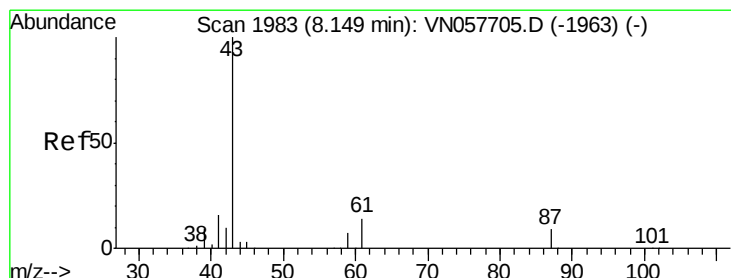
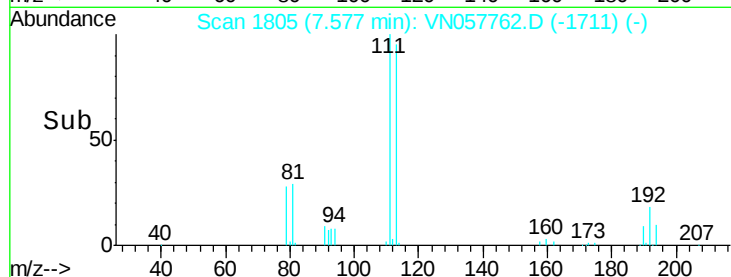
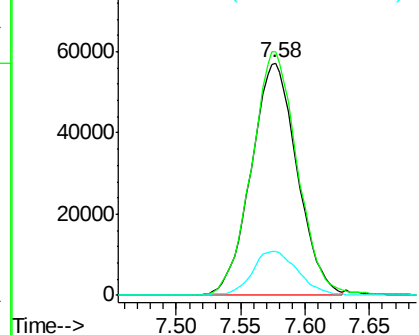
#35
 Dibromofluoromethane
 Concen: 49.080 ug/l
 RT: 7.58 min Scan# 1805
 Delta R.T. 0.00 min
 Lab File: VN057762.D
 Acq: 7 Sep 2019 18:25

Instrument :
 MSVOA_N
 ClientSampleId :
 T12-D4-(0)

Tot Ion:113 Resp: 142004
 Ion Ratio Lower Upper
 113 100
 111 104.5 82.7 124.1
 192 19.0 13.8 20.6

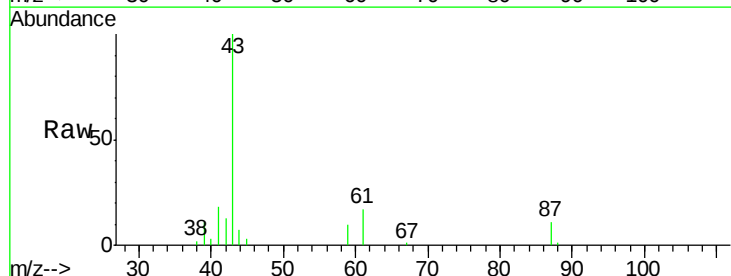


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

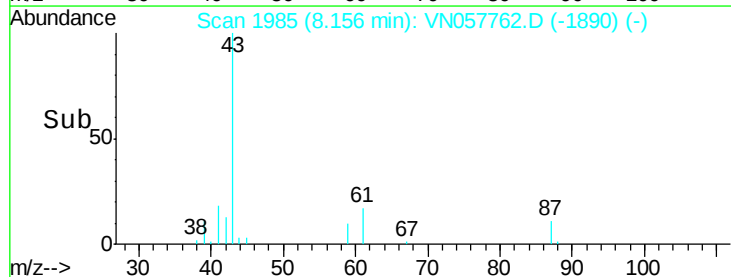
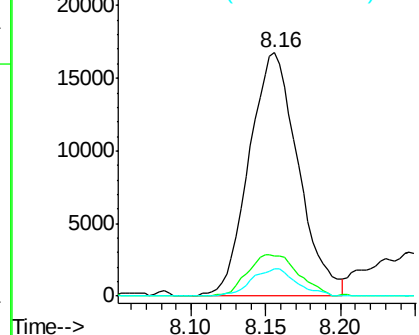


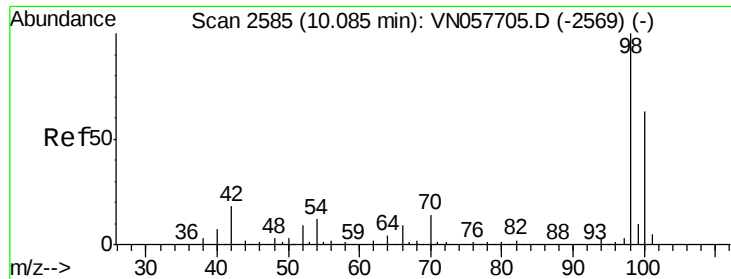
#43
 Isopropyl Acetate
 Concen: 4.755 ug/l
 RT: 8.16 min Scan# 1985
 Delta R.T. 0.01 min
 Lab File: VN057762.D
 Acq: 7 Sep 2019 18:25

Tgt Ion: 43 Resp: 38288
 Ion Ratio Lower Upper
 43 100
 61 17.7 12.8 19.2
 87 10.3 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: 51.934 ug/l

RT: 10.09 min Scan# 2585

Delta R.T. 0.00 min

Lab File: VN057762.D

Acq: 7 Sep 2019 18:25

Instrument :

MSVOA_N

ClientSampleId :

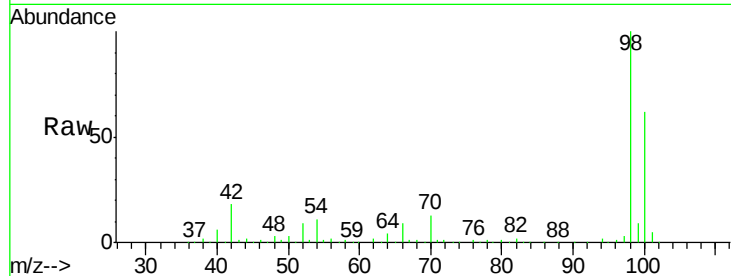
T12-D4-(0)

Tot Ion: 98 Resp: 555857

Ion Ratio Lower Upper

98 100

100 62.8 50.7 76.1



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

Ion 100.00 (99.70 to 100.70): VN057705.D (-2569) (-)

10.09

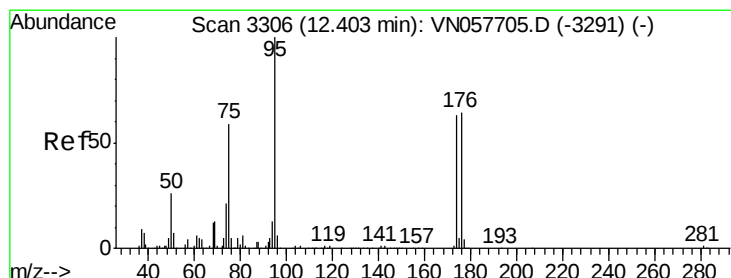
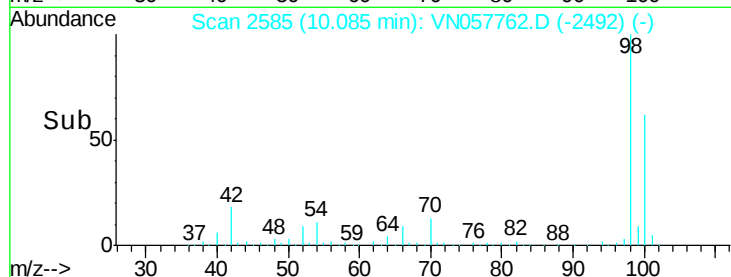
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 44.791 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN057762.D

Acq: 7 Sep 2019 18:25

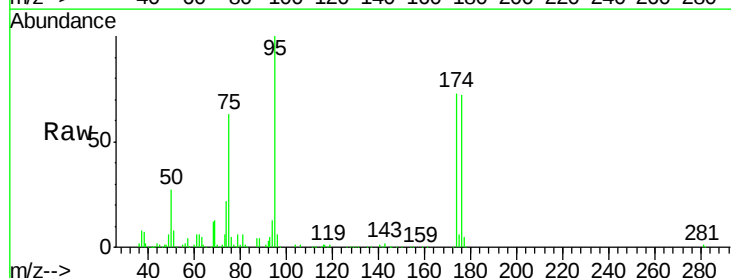
Tgt Ion: 95 Resp: 199123

Ion Ratio Lower Upper

95 100

174 74.1 0.0 128.0

176 72.2 0.0 128.0



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

Ion 173.80 (173.50 to 174.50): VN057705.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN057705.D (-3291) (-)

12.40

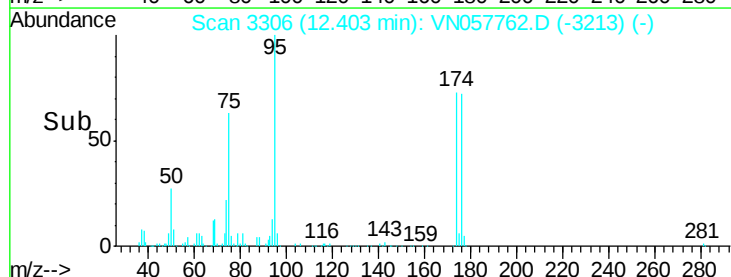
150000

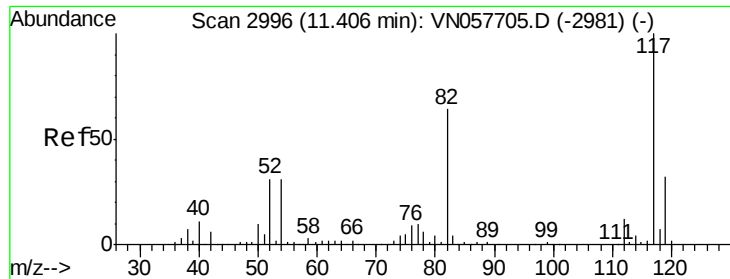
100000

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: VN057762.D

Acq: 7 Sep 2019 18:25

Instrument :

MSVOA_N

ClientSampleId :

T12-D4-(0)

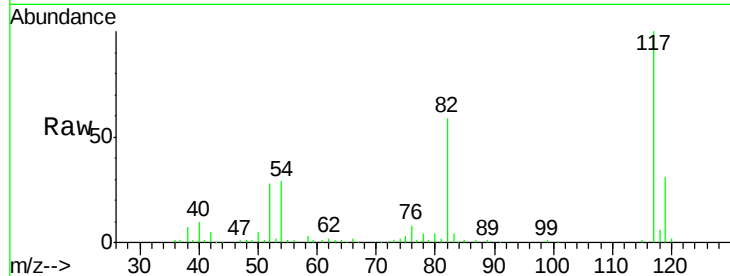
Tot Ion:117 Resp: 297049

Ion Ratio Lower Upper

117 100

82 59.5 51.4 77.0

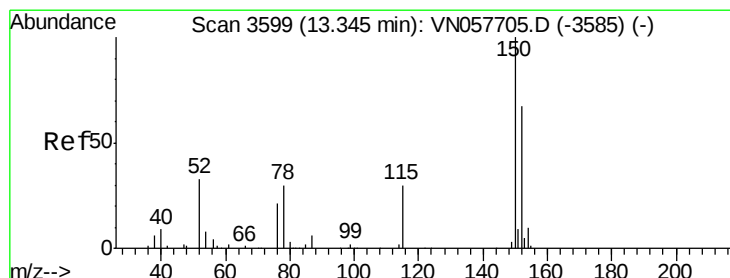
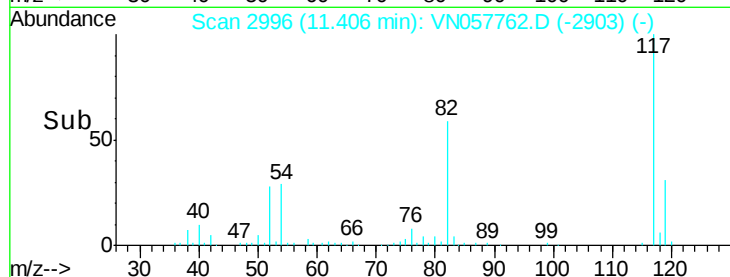
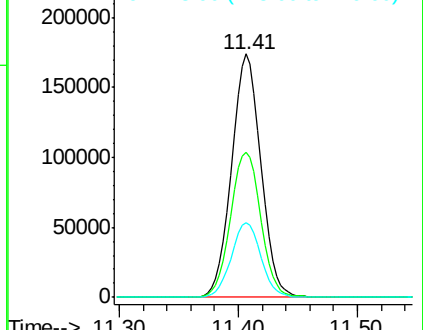
119 30.9 25.4 38.2



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: 13.35 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN057762.D

Acq: 7 Sep 2019 18:25

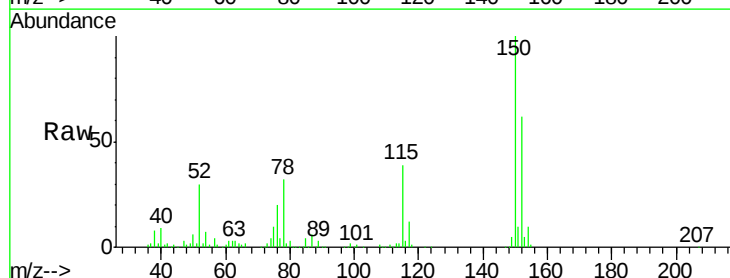
Tgt Ion:152 Resp: 151960

Ion Ratio Lower Upper

152 100

115 63.4 33.8 101.3

150 160.0 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

