

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090719\
 Data File : VN057777.D
 Acq On : 8 Sep 2019 1:01
 Operator : JC/SP
 Sample : K4601-26
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 T12-E1-(2.7)

Quant Time: Sep 08 07:26:31 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

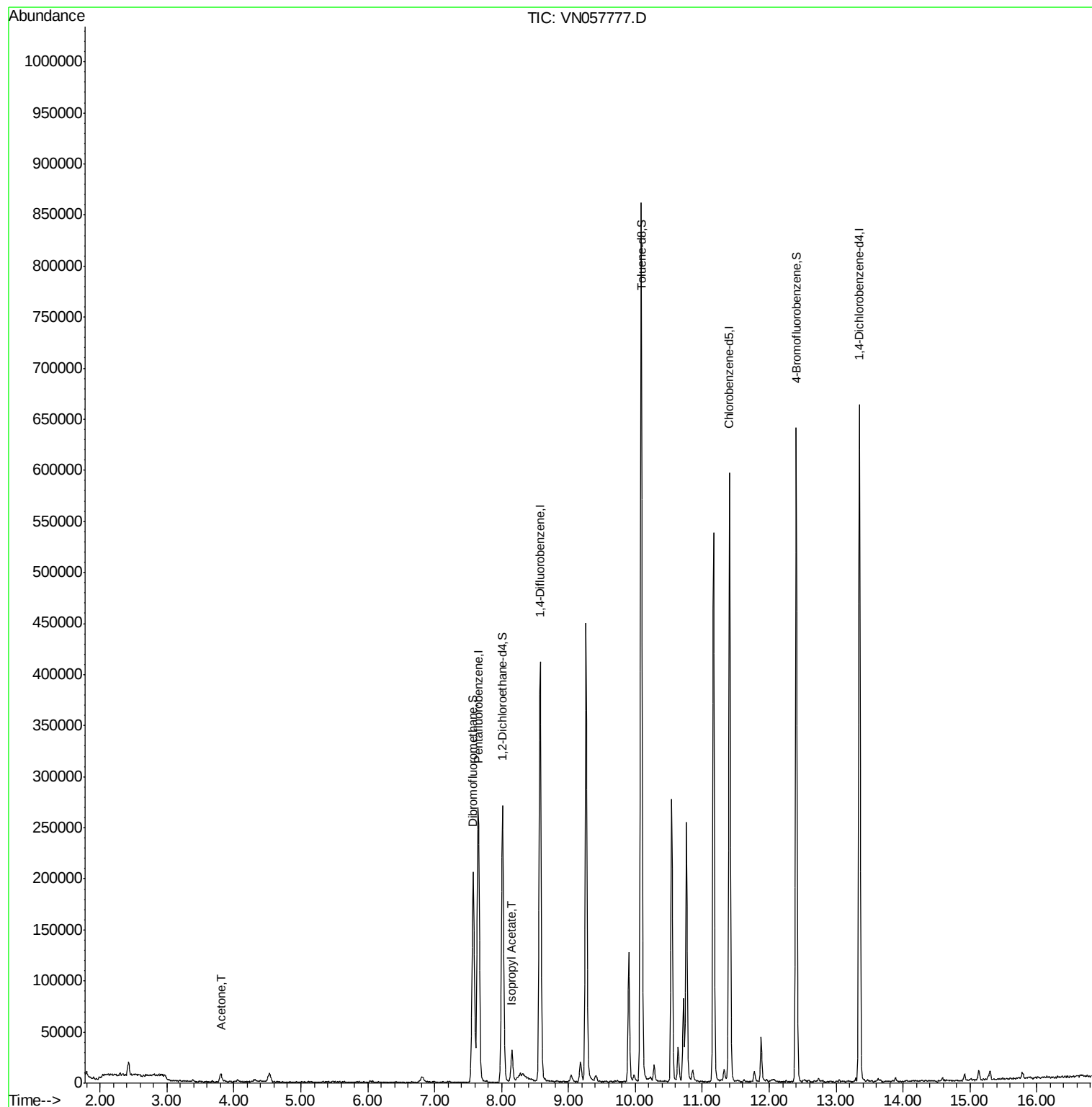
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	199687	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	322029	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	295777	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	153858	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	239500	49.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.60%	
35) Dibromofluoromethane	7.58	113	145758	49.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.38%	
50) Toluene-d8	10.09	98	542648	50.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.02%	
62) 4-Bromofluorobenzene	12.40	95	200085	44.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.80%	
Target Compounds						
16) Acetone	3.81	43	11088	7.417	ug/l	93
43) Isopropyl Acetate	8.16	43	37548	4.599	ug/l	99

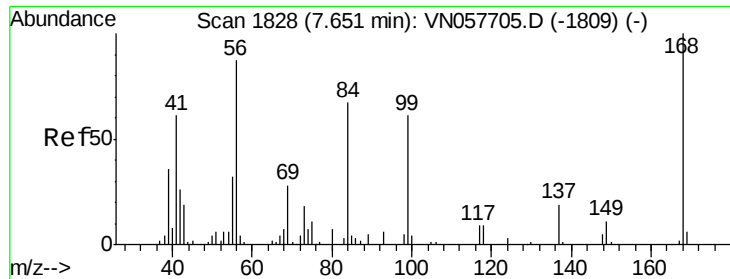
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Sep 06 03:46:54 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN057777.D

Acq: 8 Sep 2019 1:01

Instrument :

MSVOA_N

ClientSampleId :

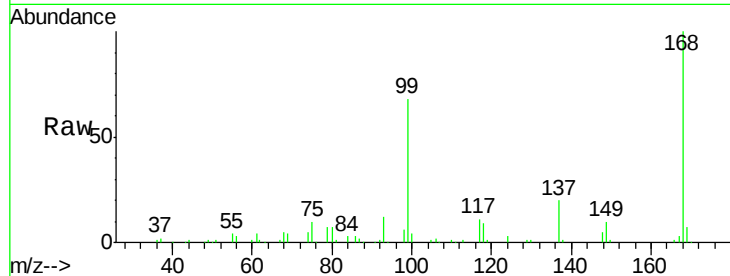
T12-E1-(2.7)

Tot Ion:168 Resp: 199687

Ion Ratio Lower Upper

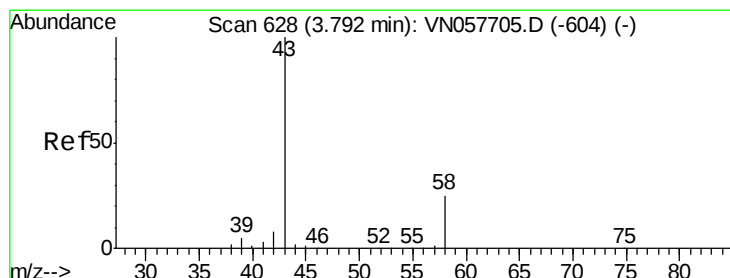
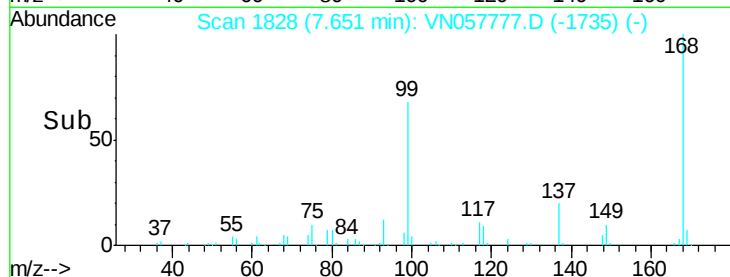
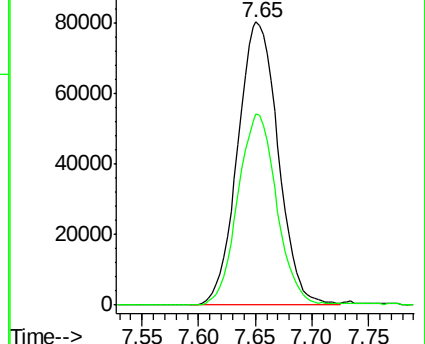
168 100

99 67.7 57.4 86.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 7.417 ug/l

RT: 3.81 min Scan# 632

Delta R.T. 0.01 min

Lab File: VN057777.D

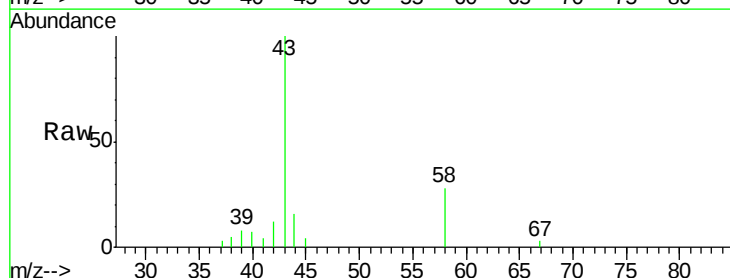
Acq: 8 Sep 2019 1:01

Tgt Ion: 43 Resp: 11088

Ion Ratio Lower Upper

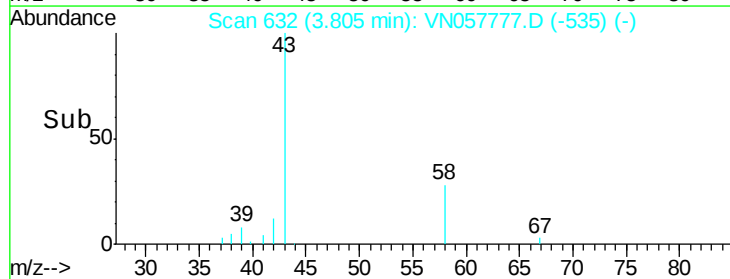
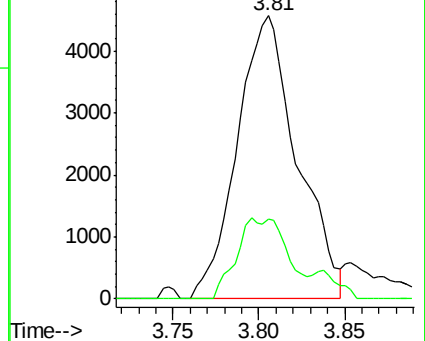
43 100

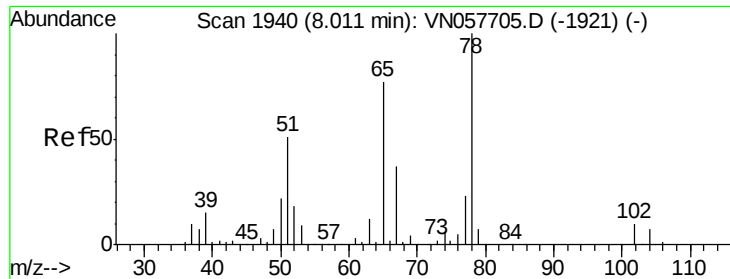
58 28.1 19.8 29.8



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO





#33

1,2-Dichloroethane-d4

Concen: 49.302 ug/l

RT: 8.01 min Scan# 1941

Delta R.T. 0.00 min

Lab File: VN057777.D

Acq: 8 Sep 2019 1:01

Instrument :

MSVOA_N

ClientSampled :

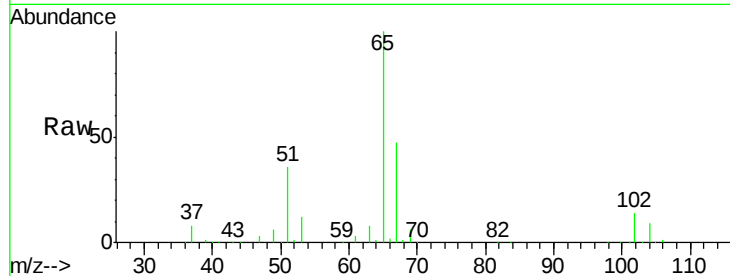
T12-E1-(2.7)

Tot Ion: 65 Resp: 239500

Ion Ratio Lower Upper

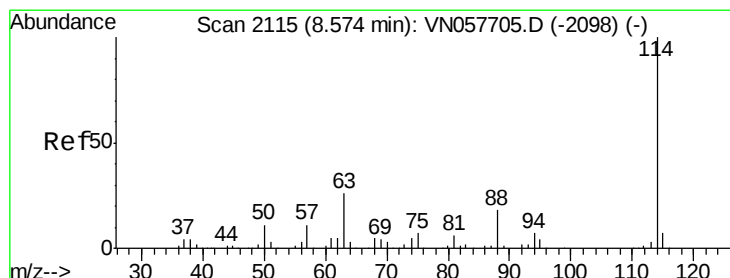
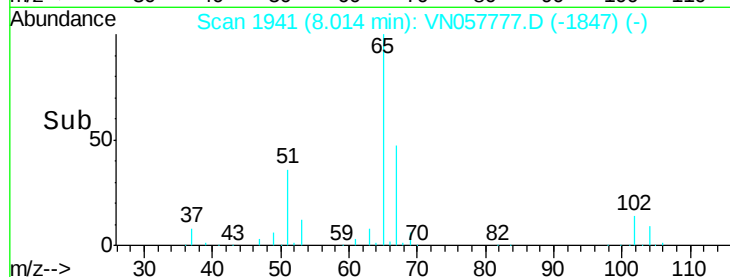
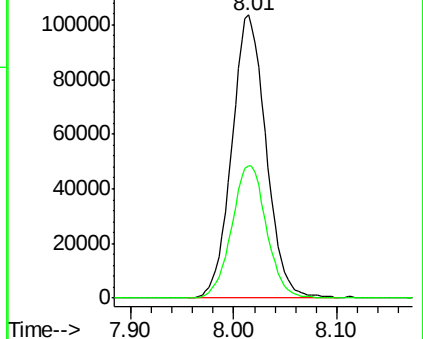
65 100

67 47.5 0.0 98.2



Abundance Ion 64.90 (64.60 to 65.60): VN057777.D (-1940) (-)

Ion 66.90 (66.60 to 67.60): VN057777.D (-1940) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.58 min Scan# 2116

Delta R.T. 0.00 min

Lab File: VN057777.D

Acq: 8 Sep 2019 1:01

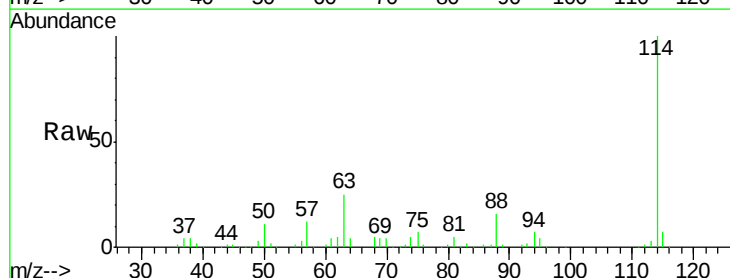
Tgt Ion: 114 Resp: 322029

Ion Ratio Lower Upper

114 100

63 24.6 0.0 52.4

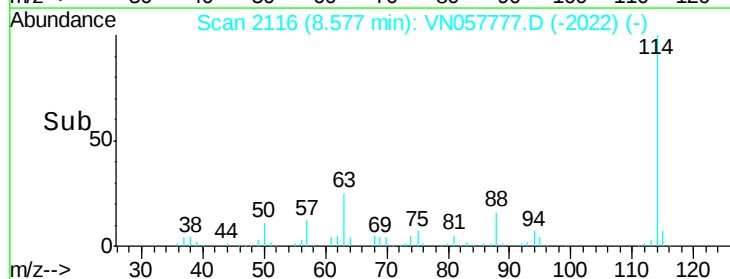
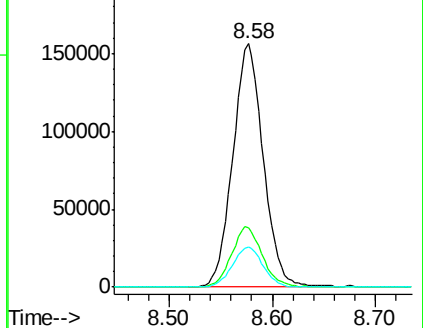
88 16.5 0.0 35.4

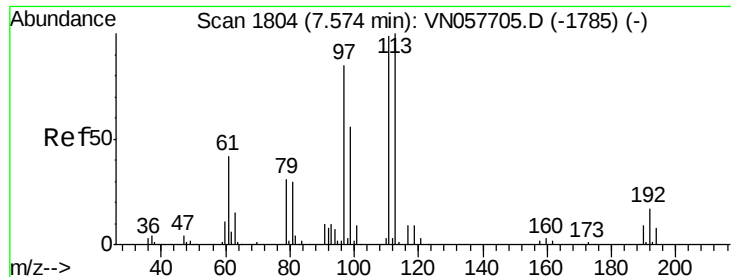


Abundance Ion 113.90 (113.60 to 114.60): VN057777.D (-2115) (-)

Ion 63.00 (62.70 to 63.70): VN057777.D (-2115) (-)

Ion 87.90 (87.60 to 88.60): VN057777.D (-2115) (-)

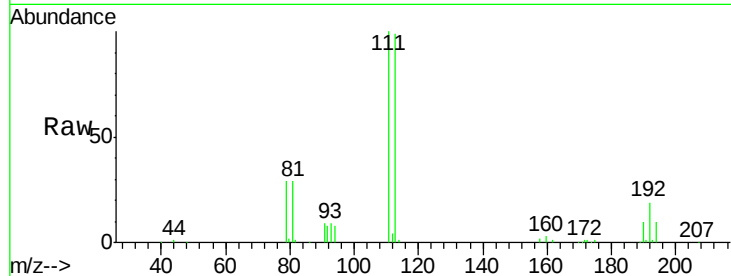




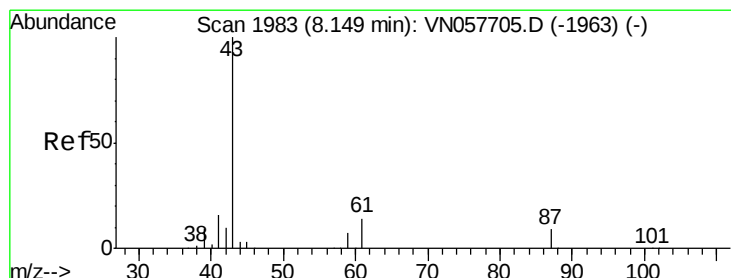
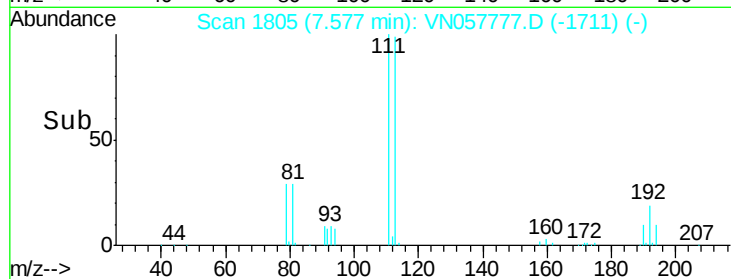
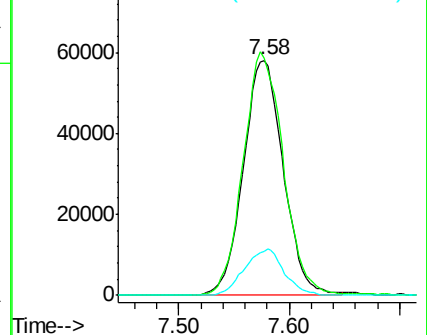
#35
 Dibromofluoromethane
 Concen: 49.693 ug/l
 RT: 7.58 min Scan# 1805
 Delta R.T. 0.00 min
 Lab File: VN057777.D
 Acq: 8 Sep 2019 1:01

Instrument :
 MSVOA_N
 ClientSampleId :
 T12-E1-(2.7)

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.9	82.7	124.1
192	19.5	13.8	20.6

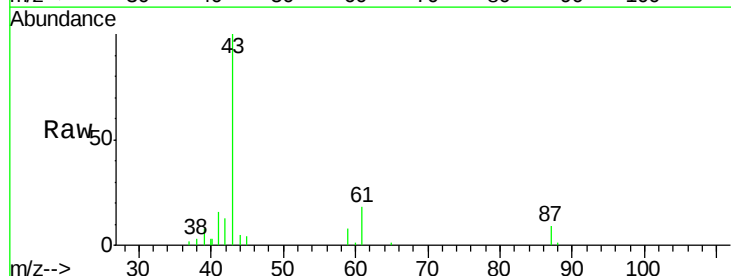


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

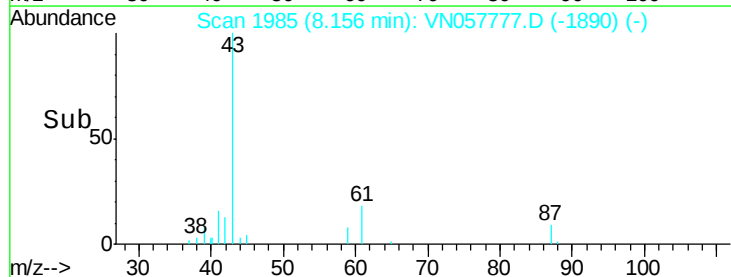
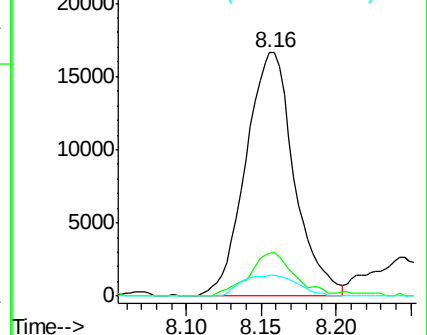


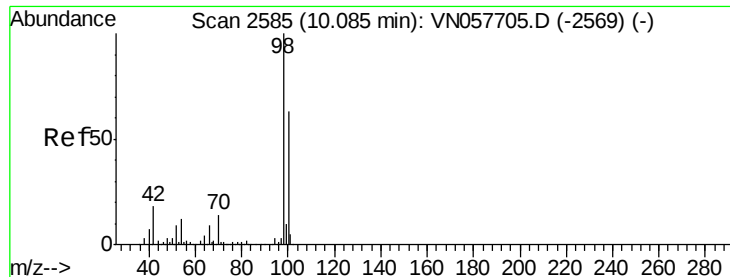
#43
 Isopropyl Acetate
 Concen: 4.599 ug/l
 RT: 8.16 min Scan# 1985
 Delta R.T. 0.01 min
 Lab File: VN057777.D
 Acq: 8 Sep 2019 1:01

Tgt Ion	Ratio	Lower	Upper
43	100		
61	16.5	12.8	19.2
87	9.8	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: 50.011 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. 0.00 min

Lab File: VN057777.D

Acq: 8 Sep 2019 1:01

Instrument :

MSVOA_N

ClientSampled :

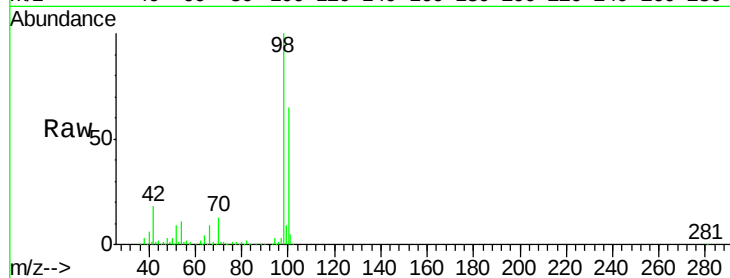
T12-E1-(2.7)

Tot Ion: 98 Resp: 542648

Ion Ratio Lower Upper

98 100

100 64.0 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN

10.09

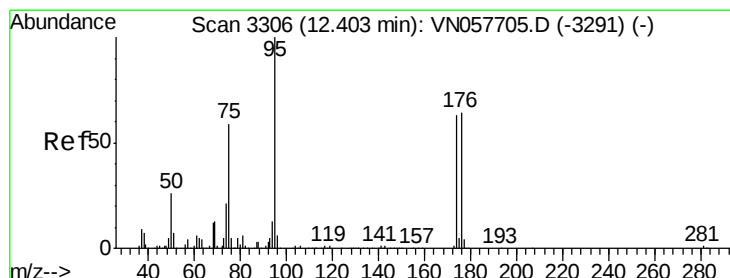
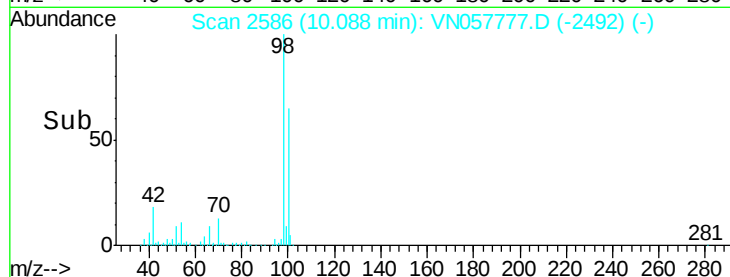
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 44.396 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN057777.D

Acq: 8 Sep 2019 1:01

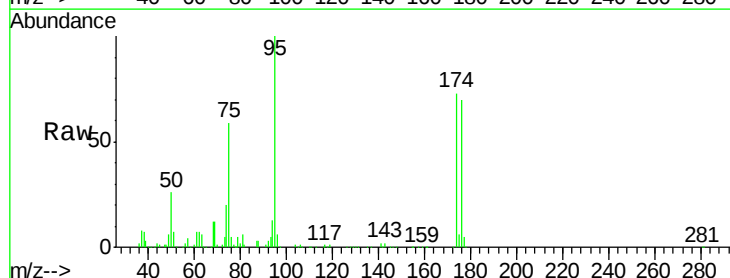
Tgt Ion: 95 Resp: 200085

Ion Ratio Lower Upper

95 100

174 74.6 0.0 128.0

176 71.8 0.0 128.0



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.40

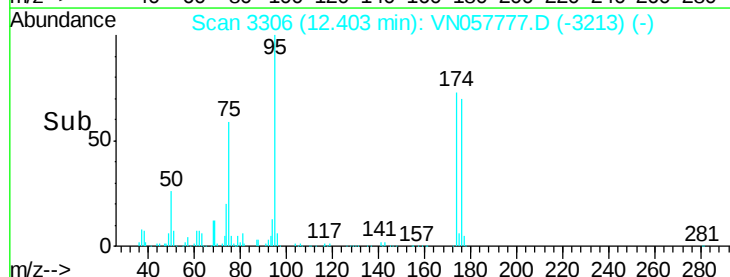
150000

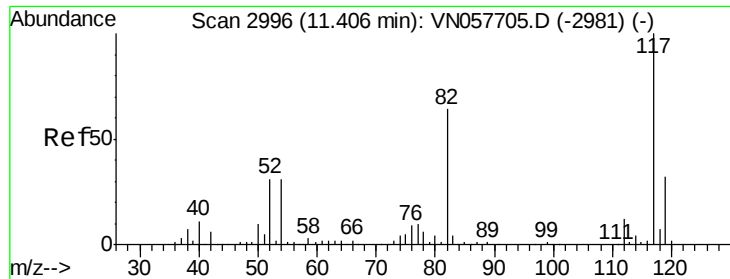
100000

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: VN057777.D

Acq: 8 Sep 2019 1:01

Instrument :

MSVOA_N

ClientSampleId :

T12-E1-(2.7)

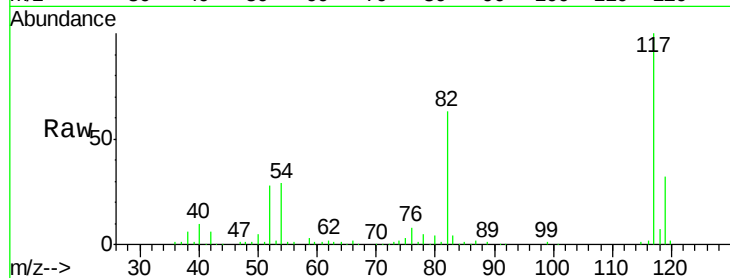
Tot Ion:117 Resp: 295777

Ion Ratio Lower Upper

117 100

82 62.6 51.4 77.0

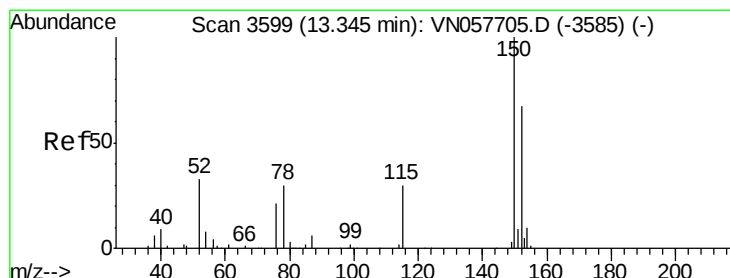
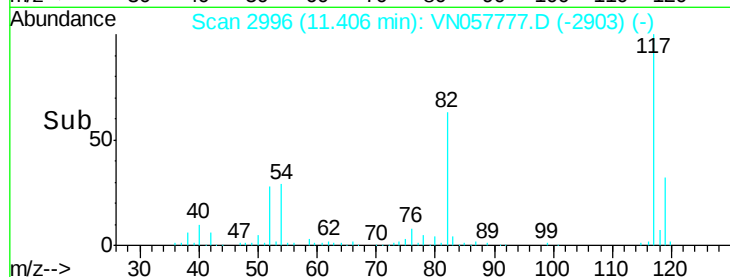
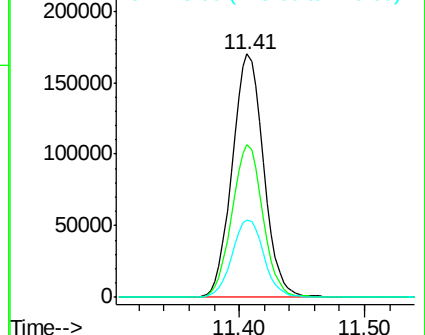
119 31.9 25.4 38.2



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: VN057777.D

Acq: 8 Sep 2019 1:01

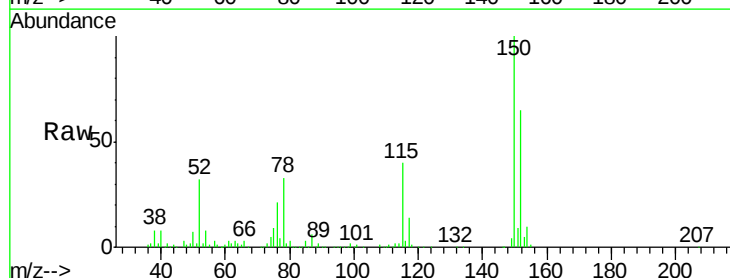
Tgt Ion:152 Resp: 153858

Ion Ratio Lower Upper

152 100

115 62.1 33.8 101.3

150 154.7 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

