

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080819\
 Data File : VN057125.D
 Acq On : 8 Aug 2019 12:21
 Operator : JC/SP
 Sample : K4200-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-14

Quant Time: Aug 09 03:38:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080719W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 08 06:49:25 2019
 Response via : Initial Calibration

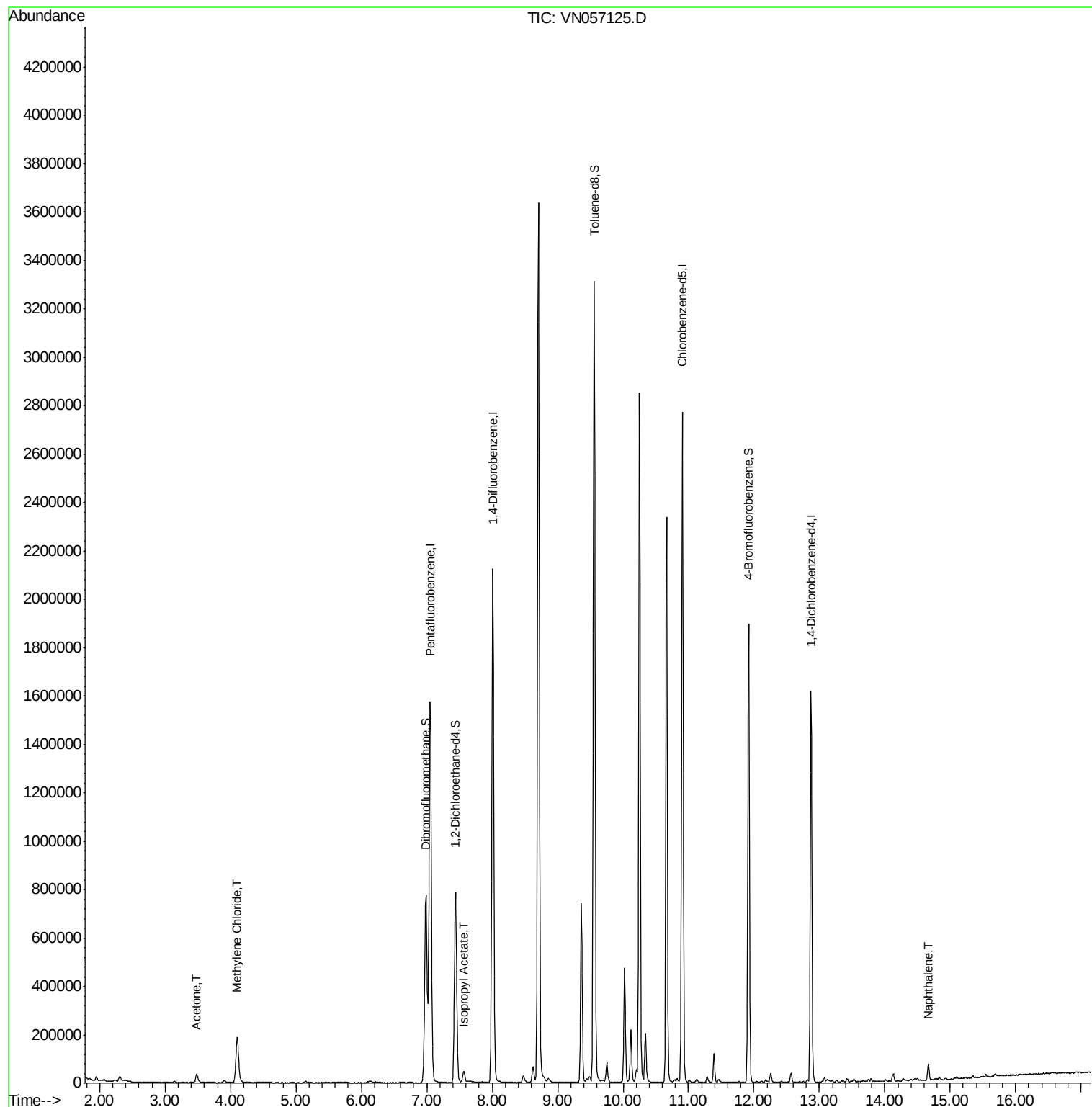
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	1528473	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.01	114	2129682	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.90	117	1775217	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.87	152	468502	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	697257	44.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.72%	
35) Dibromofluoromethane	6.99	113	642168	48.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.10%	
50) Toluene-d8	9.56	98	2510294	49.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.20%	
62) 4-Bromofluorobenzene	11.92	95	669263	40.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.26%	
Target Compounds						
16) Acetone	3.48	43	54426	11.465	ug/l	93
20) Methylene Chloride	4.10	84	142307	9.083	ug/l	96
43) Isopropyl Acetate	7.56	43	56358	2.285	ug/l #	89
95) Naphthalene	14.67	128	58873	7.598	ug/l	97

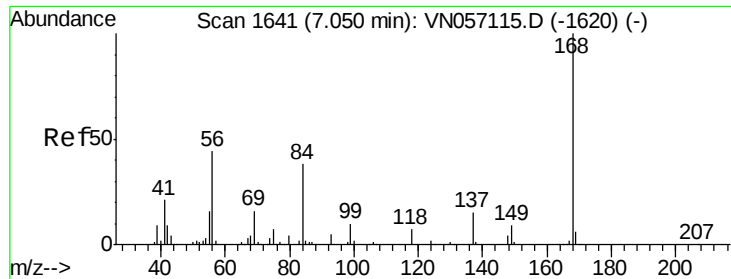
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 1642

Delta R.T. 0.00 min

Lab File: VN057125.D

Acq: 8 Aug 2019 12:21

Instrument :

MSVOA_N

ClientSampled :

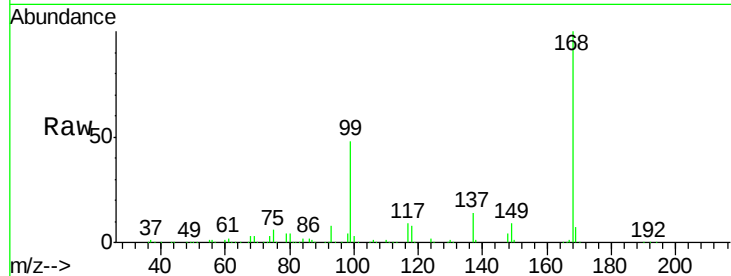
TP-14

Tot Ion:168 Resp: 1528473

Ion Ratio Lower Upper

168 100

99 47.7 38.6 57.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.05

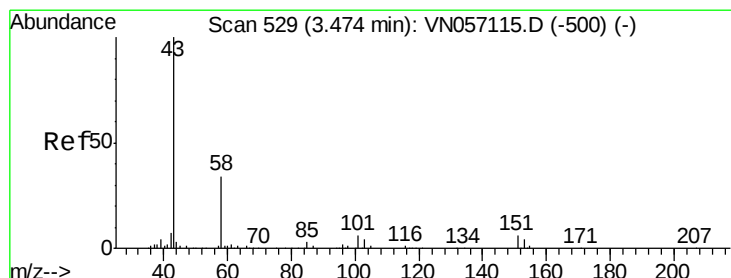
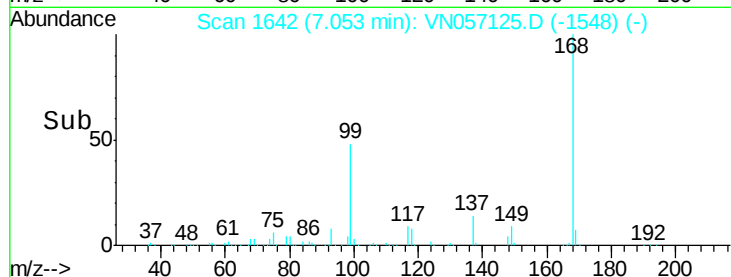
600000

400000

200000

0

Time-->



#16

Acetone

Concen: 11.465 ug/l

RT: 3.48 min Scan# 531

Delta R.T. 0.01 min

Lab File: VN057125.D

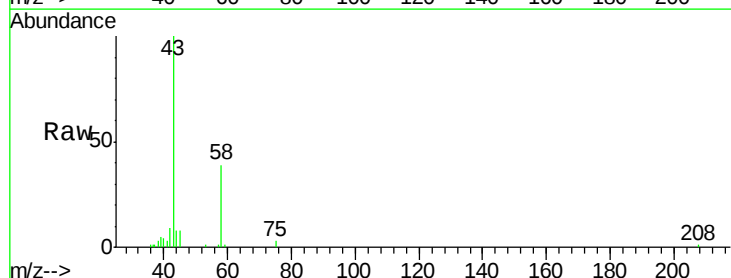
Acq: 8 Aug 2019 12:21

Tgt Ion: 43 Resp: 54426

Ion Ratio Lower Upper

43 100

58 38.6 27.4 41.2



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.48

20000

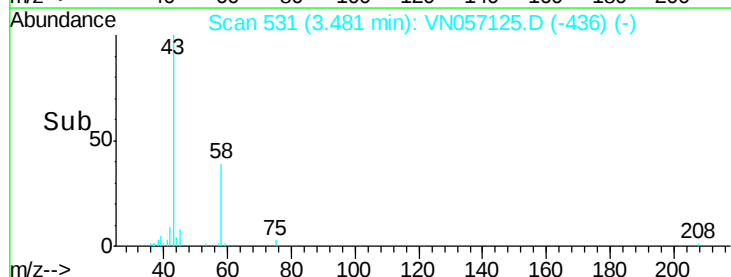
15000

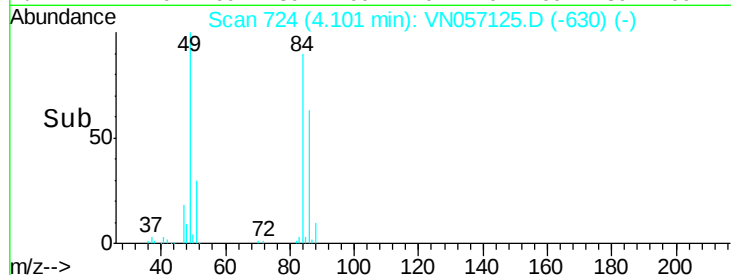
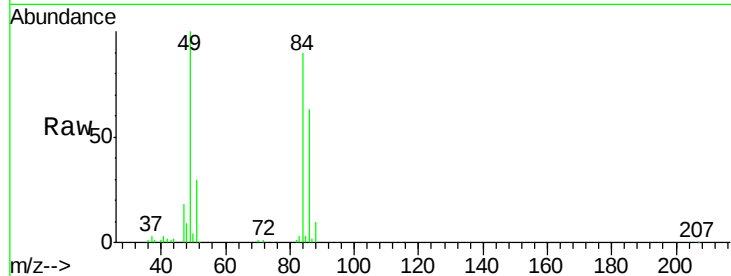
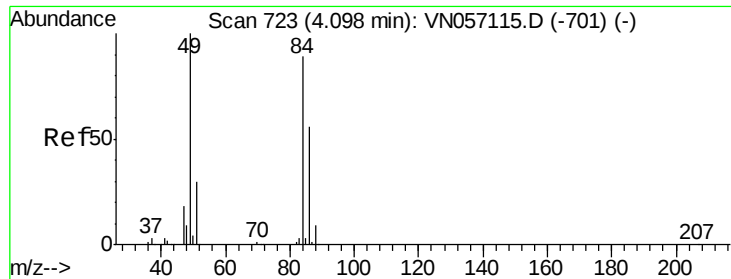
10000

5000

0

Time-->

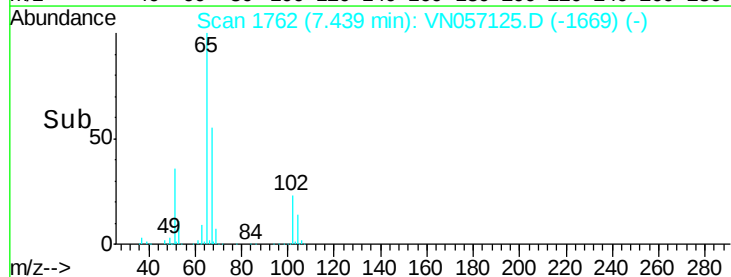
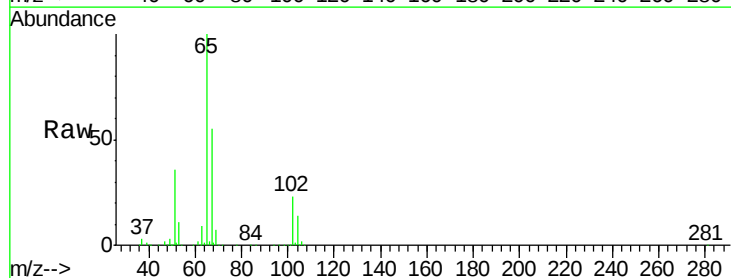
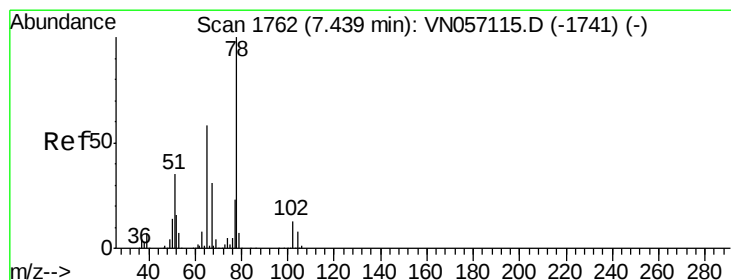
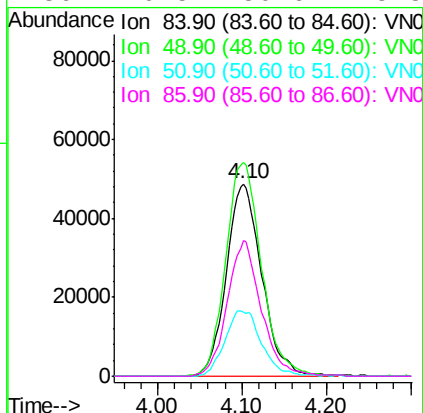




#20
Methvlene Chloride
Concen: 9.083 ug/l
RT: 4.10 min Scan# 724
Delta R.T. 0.00 min
Lab File: VN057125.D
Acq: 8 Aug 2019 12:21

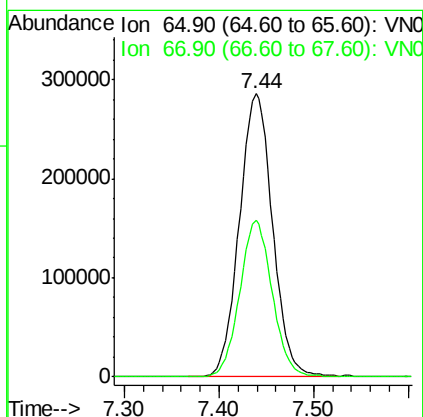
Instrument :
MSVOA_N
ClientSampled :
TP-14

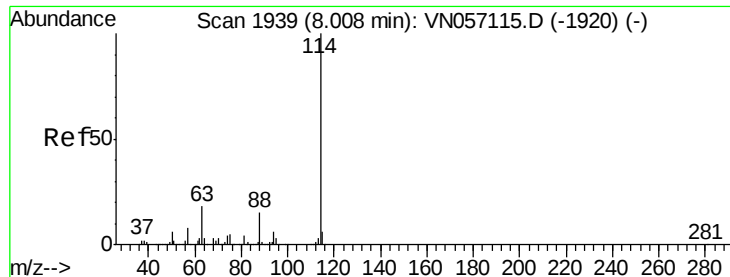
Tot Ion: 84	Resp: 142307
Ion Ratio	Lower Upper
84 100	
49 110.8	89.5 134.3
51 33.1	27.2 40.8
86 70.5	50.6 75.8



#33
1,2-Dichloroethane-d4
Concen: 44.357 ug/l
RT: 7.44 min Scan# 1762
Delta R.T. -0.00 min
Lab File: VN057125.D
Acq: 8 Aug 2019 12:21

Tgt Ion: 65	Resp: 697257
Ion Ratio	Lower Upper
65 100	
67 54.0	0.0 108.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.01 min Scan# 1939

Delta R.T. -0.00 min

Lab File: VN057125.D

Acq: 8 Aug 2019 12:21

Instrument :

MSVOA_N

ClientSampled :

TP-14

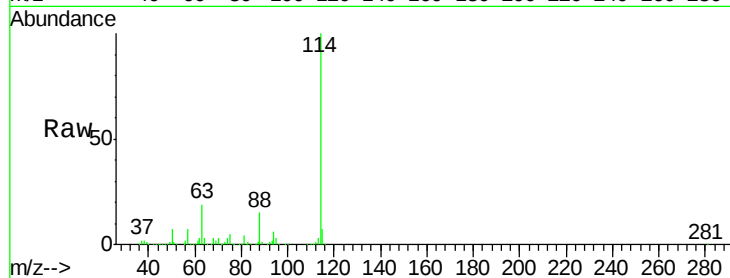
Tot Ion:114 Resp: 2129682

Ion Ratio Lower Upper

114 100

63 18.6 0.0 36.2

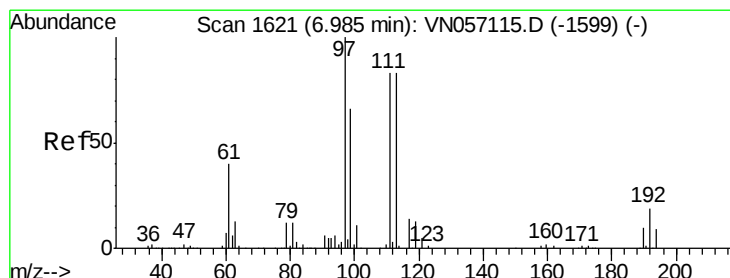
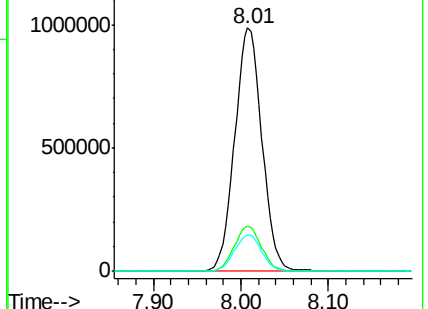
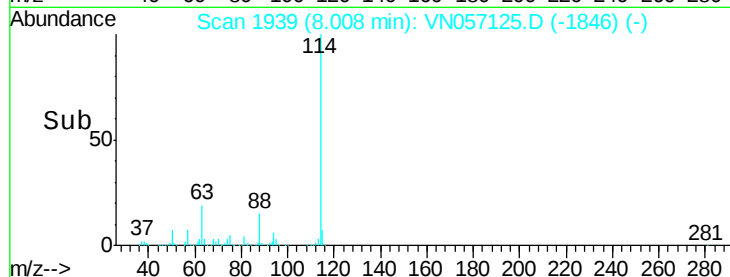
88 15.0 0.0 30.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35

Dibromofluoromethane

Concen: 48.052 ug/l

RT: 6.99 min Scan# 1621

Delta R.T. -0.00 min

Lab File: VN057125.D

Acq: 8 Aug 2019 12:21

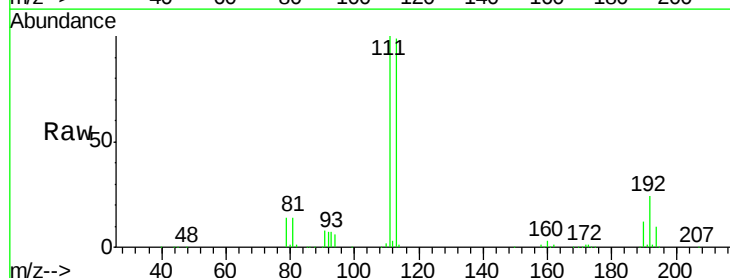
Tgt Ion:113 Resp: 642168

Ion Ratio Lower Upper

113 100

111 101.7 81.3 121.9

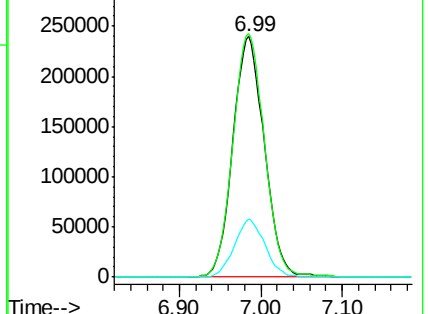
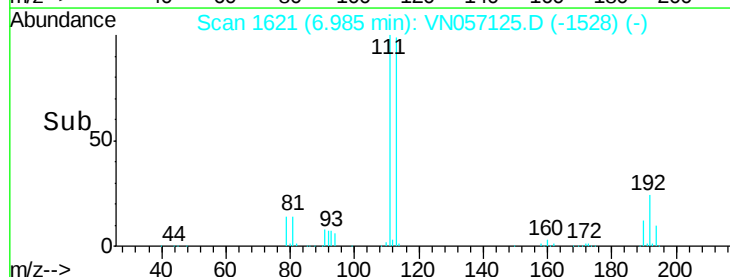
192 23.3 19.0 28.4

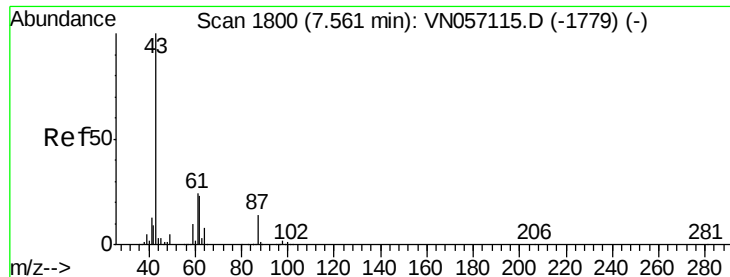


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

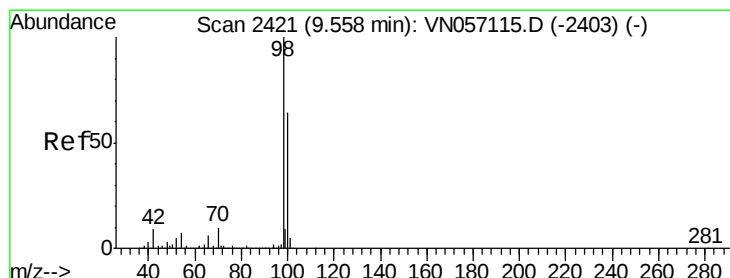
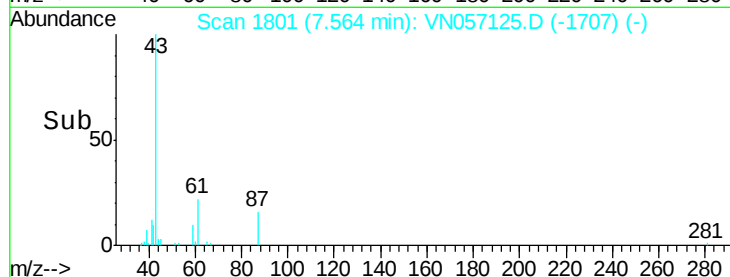
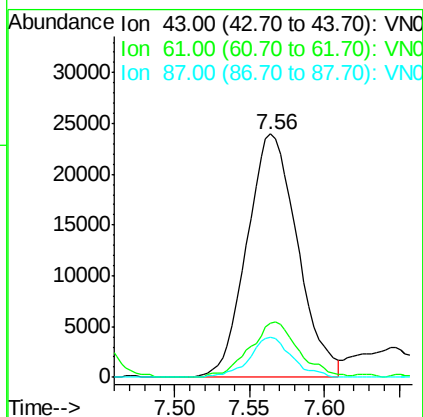
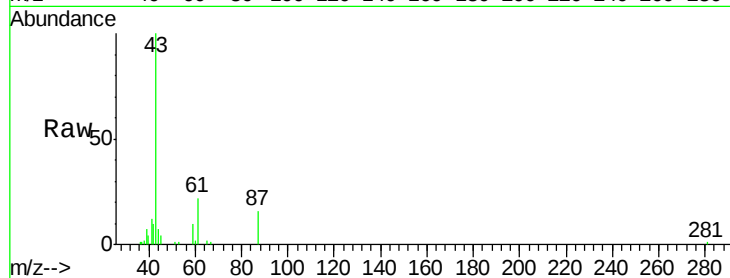




#43
Isopropyl Acetate
Concen: 2.285 ug/l
RT: 7.56 min Scan# 1801
Delta R.T. 0.00 min
Lab File: VN057125.D
Acq: 8 Aug 2019 12:21

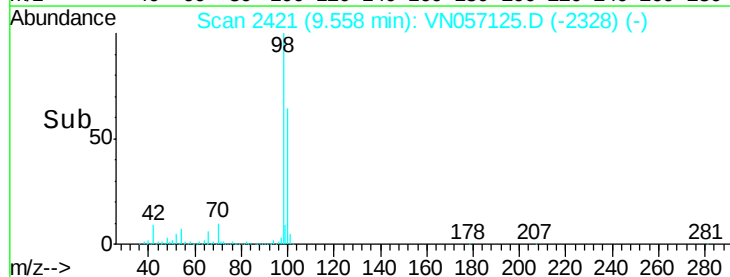
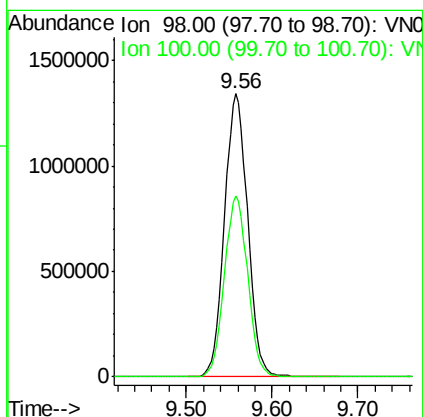
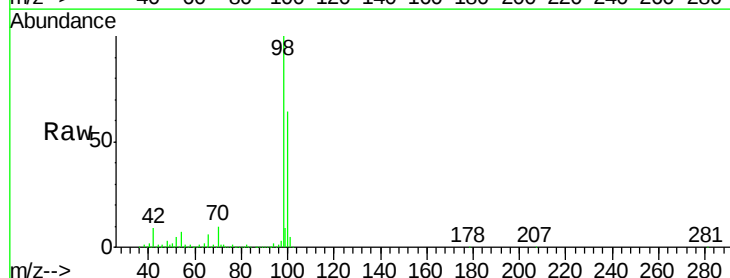
Instrument :
MSVOA_N
ClientSampled :
TP-14

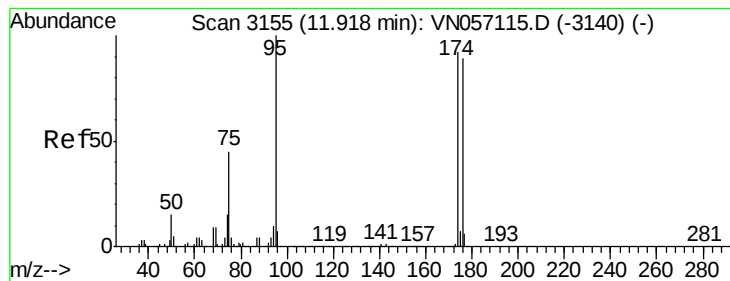
Tot Ion	43	Resp	56358
Ion Ratio	Lower	Upper	
43	100		
61	22.0	24.2	36.2#
87	13.8	11.8	17.8



#50
Toluene-d8
Concen: 49.098 ug/l
RT: 9.56 min Scan# 2421
Delta R.T. -0.00 min
Lab File: VN057125.D
Acq: 8 Aug 2019 12:21

Tgt Ion	98	Resp	2510294
Ion Ratio	Lower	Upper	
98	100		
100	64.3	51.2	76.8





#62

4-Bromofluorobenzene

Concen: 40.625 ug/l

RT: 11.92 min Scan# 3155

Delta R.T. -0.00 min

Lab File: VN057125.D

Acq: 8 Aug 2019 12:21

Instrument :

MSVOA_N

ClientSampled :

TP-14

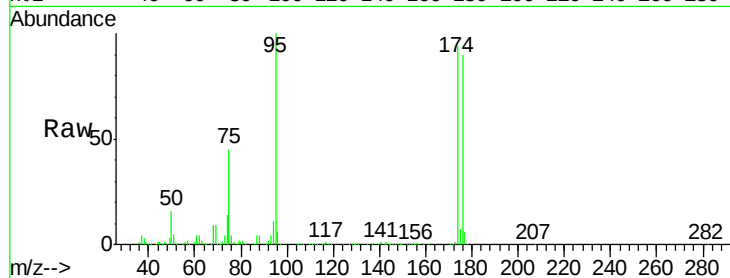
Tot Ion: 95 Resp: 669263

Ion Ratio Lower Upper

95 100

174 94.6 0.0 185.0

176 91.5 0.0 181.2

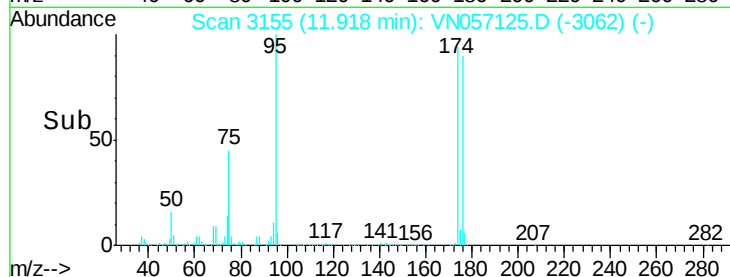


Abundance Ion 94.90 (94.60 to 95.60): VN057115.D (-3140) (-)

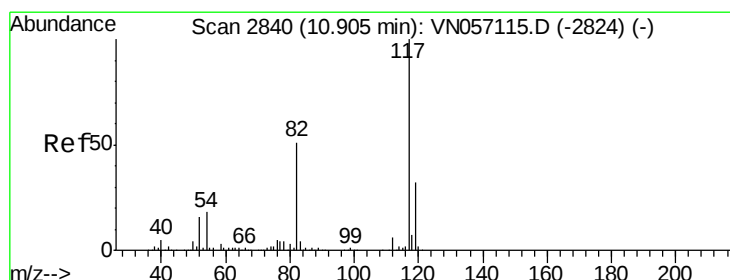
Ion 173.80 (173.50 to 174.50): VN057115.D (-3140) (-)

Ion 175.80 (175.50 to 176.50): VN057115.D (-3140) (-)

Time-->



Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.90 min Scan# 2840

Delta R.T. -0.00 min

Lab File: VN057125.D

Acq: 8 Aug 2019 12:21

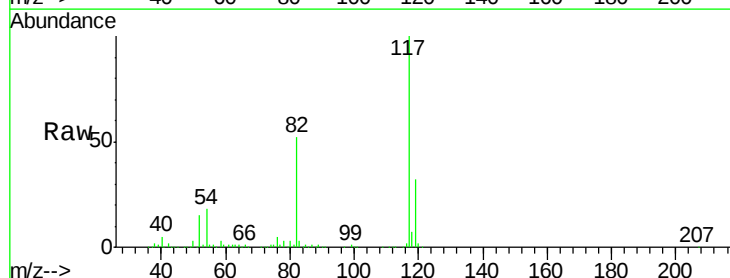
Tgt Ion: 117 Resp: 1775217

Ion Ratio Lower Upper

117 100

82 52.2 40.8 61.2

119 31.6 25.7 38.5

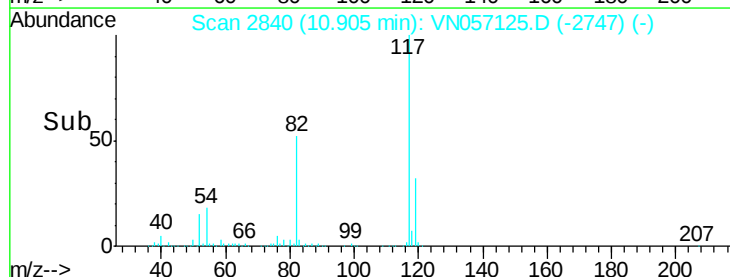


Abundance Ion 116.90 (116.60 to 117.60): VN057115.D (-2824) (-)

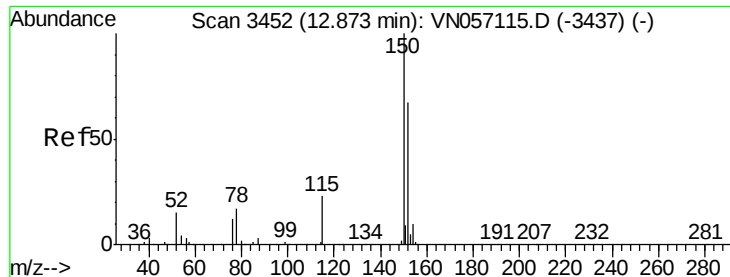
Ion 82.00 (81.70 to 82.70): VN057115.D (-2824) (-)

Ion 118.90 (118.60 to 119.60): VN057115.D (-2824) (-)

Time-->



Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.87 min Scan# 3452

Delta R.T. -0.00 min

Lab File: VN057125.D

Acq: 8 Aug 2019 12:21

Instrument :

MSVOA_N

ClientSampleId :

TP-14

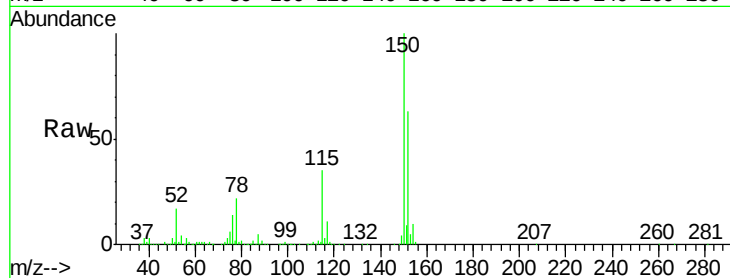
Tot Ion:152 Resp: 468502

Ion Ratio Lower Upper

152 100

115 55.8 27.5 82.5

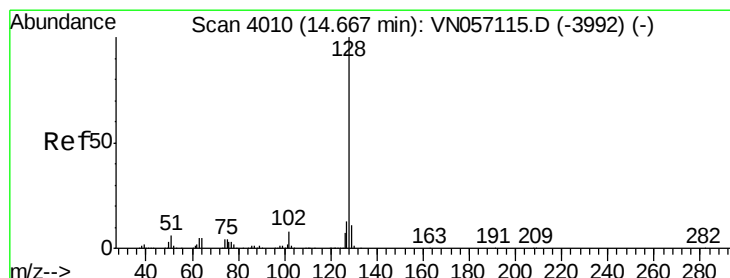
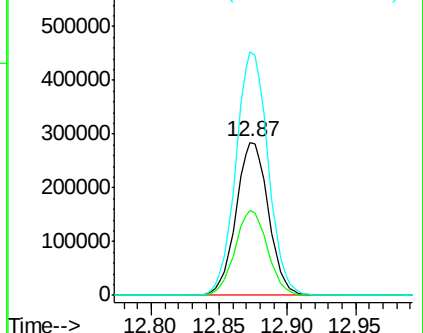
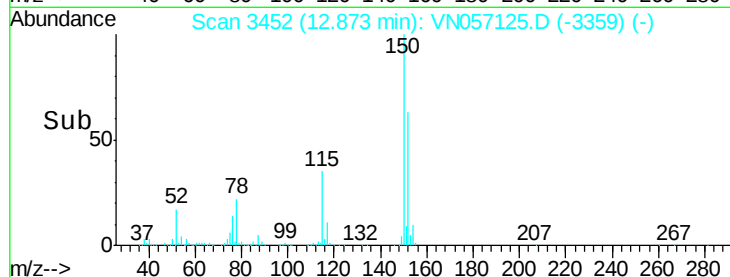
150 159.2 0.0 341.6



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



#95

Naphthalene

Concen: 7.598 ug/l

RT: 14.67 min Scan# 4010

Delta R.T. 0.00 min

Lab File: VN057125.D

Acq: 8 Aug 2019 12:21

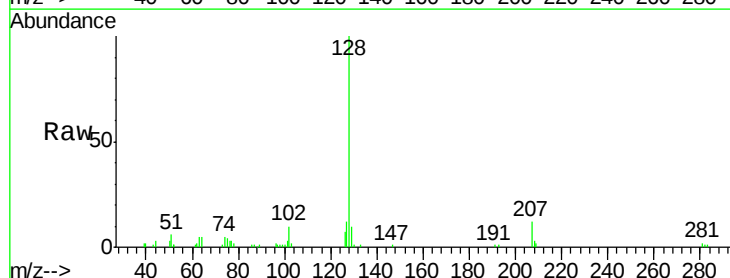
Tgt Ion:128 Resp: 58873

Ion Ratio Lower Upper

128 100

127 12.3 10.3 15.5

129 9.3 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

