

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN110519\
 Data File : VN059087.D
 Acq On : 5 Nov 2019 11:55
 Operator : JC/SP
 Sample : K5676-05
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SU-02-110119

Quant Time: Nov 06 01:13:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 02 05:43:23 2019
 Response via : Initial Calibration

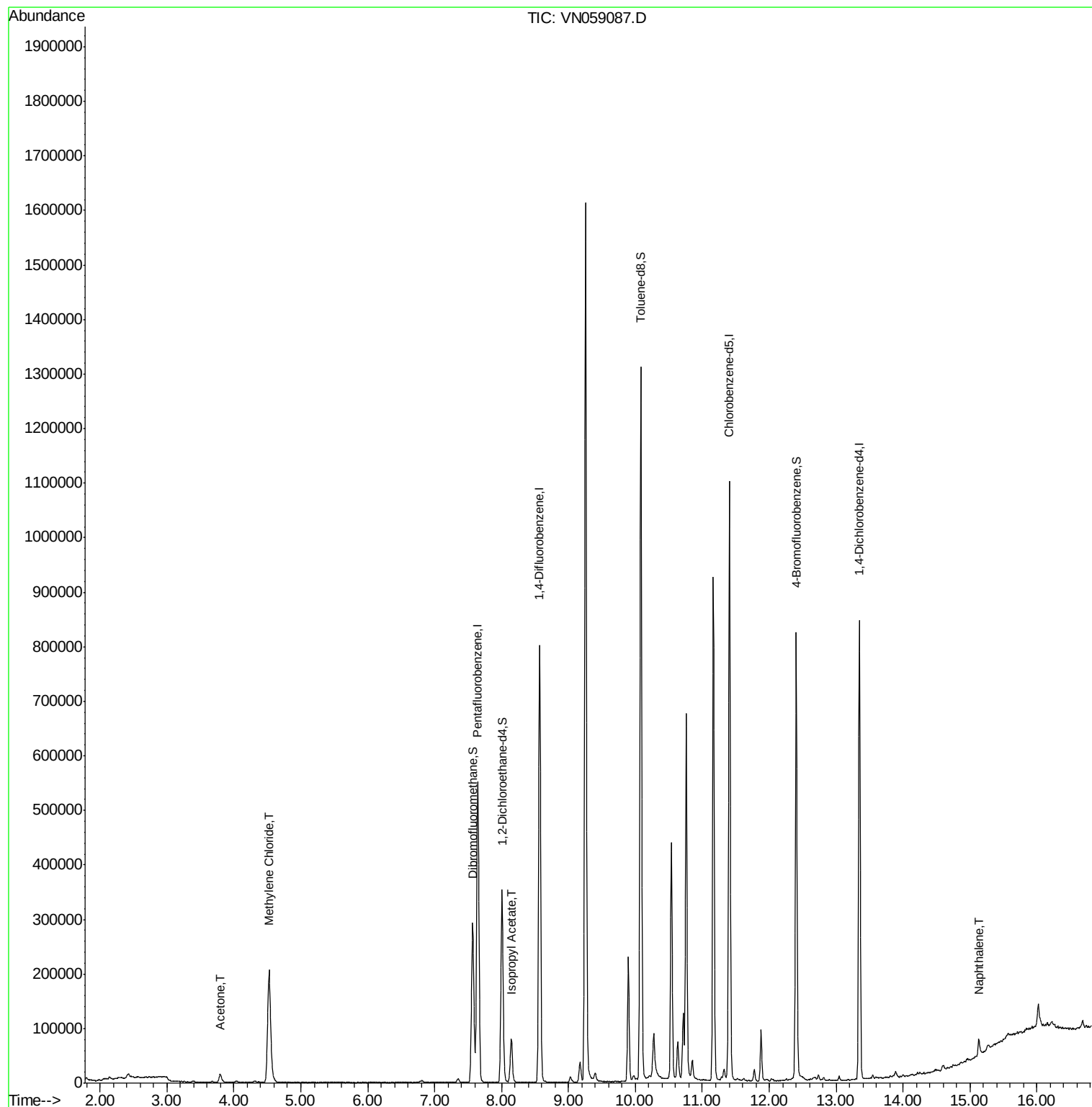
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	454000	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	712580	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	639631	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	230118	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	300691	50.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.02%	
35) Dibromofluoromethane	7.57	113	226824	49.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.68%	
50) Toluene-d8	10.08	98	913954	51.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.14%	
62) 4-Bromofluorobenzene	12.40	95	285209	44.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.66%	
Target Compounds						
16) Acetone	3.80	43	25770	8.466	ug/l	94
20) Methylene Chloride	4.53	84	162415	30.478	ug/l	99
43) Isopropyl Acetate	8.15	43	95920	7.795	ug/l #	92
95) Naphthalene	15.13	128	24541	4.820	ug/l	99

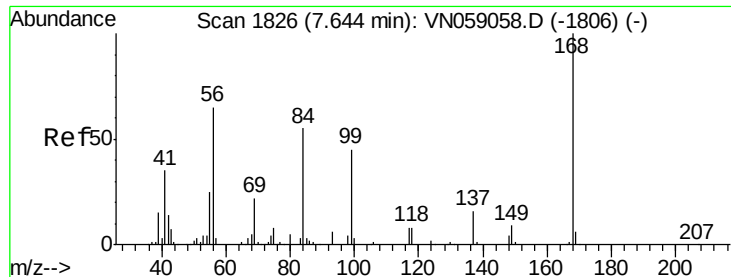
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN110519\
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Quant Title : SW846 8260
QLast Update : Sat Nov 02 05:43:23 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VN059087.D

Acq: 5 Nov 2019 11:55

Instrument :

MSVOA_N

ClientSampleId :

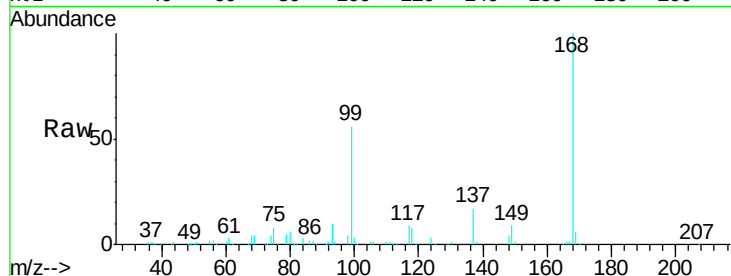
SU-02-110119

Tgt Ion:168 Resp: 454000

Ion Ratio Lower Upper

168 100

99 56.1 44.1 66.1



Abundance Ion 167.90 (167.60 to 168.60): VN059058.D (-1806) (-)

Ion 98.90 (98.60 to 99.60): VN059058.D (-1806) (-)

7.64

200000

150000

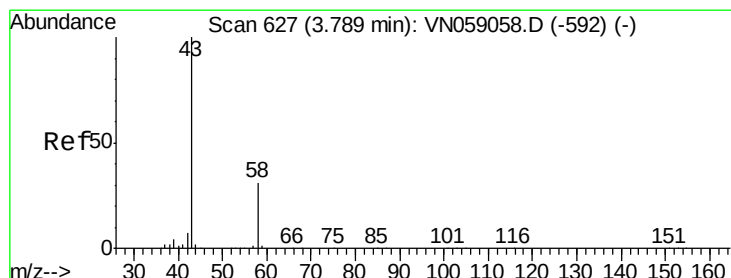
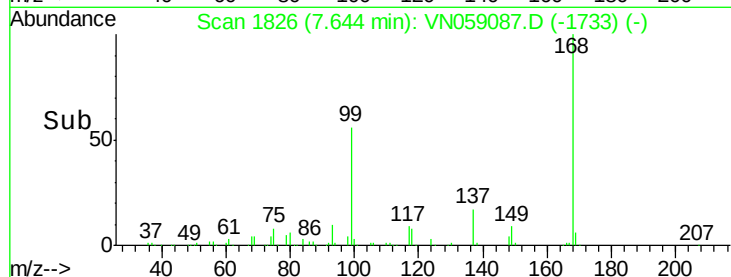
100000

50000

0

7.60 7.70

Time-->



#16

Acetone

Concen: 8.466 ug/l

RT: 3.80 min Scan# 630

Delta R.T. 0.01 min

Lab File: VN059087.D

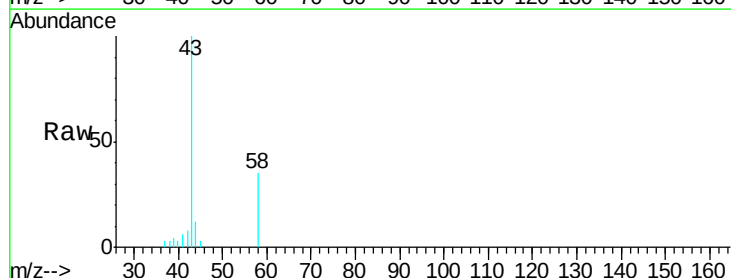
Acq: 5 Nov 2019 11:55

Tgt Ion: 43 Resp: 25770

Ion Ratio Lower Upper

43 100

58 34.6 25.0 37.6



Abundance Ion 43.00 (42.70 to 43.70): VN059058.D (-592) (-)

Ion 58.00 (57.70 to 58.70): VN059058.D (-592) (-)

3.80

10000

8000

6000

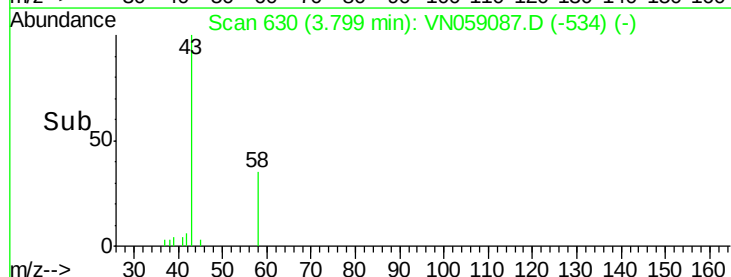
4000

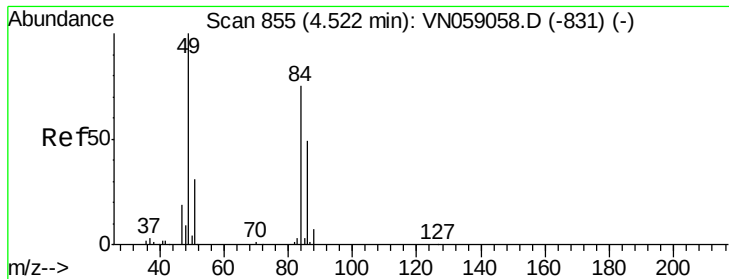
2000

0

3.70 3.80 3.90

Time-->





#20

Methylene Chloride

Concen: 30.478 ug/l

RT: 4.53 min Scan# 856

Delta R.T. 0.00 min

Lab File: VN059087.D

Acq: 5 Nov 2019 11:55

Instrument :

MSVOA_N

ClientSampleId :

SU-02-110119

Tgt Ion: 84 Resp: 162415

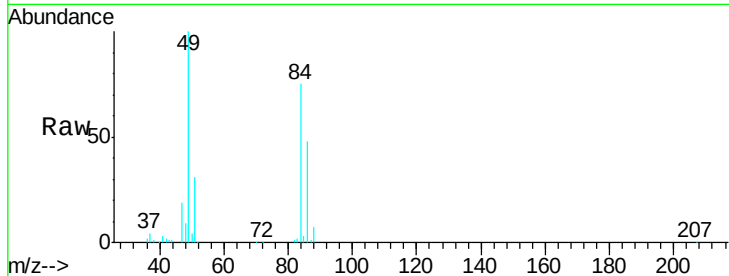
Ion Ratio Lower Upper

84 100

49 132.9 106.4 159.6

51 40.8 33.0 49.4

86 64.0 52.0 78.0

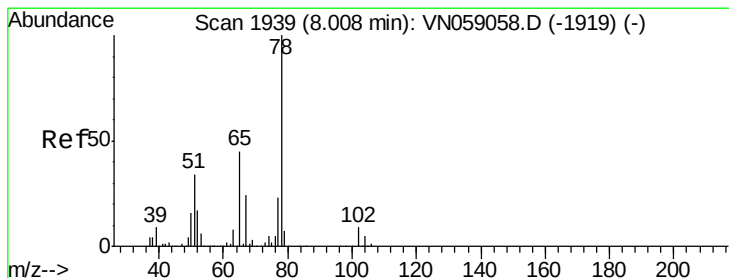
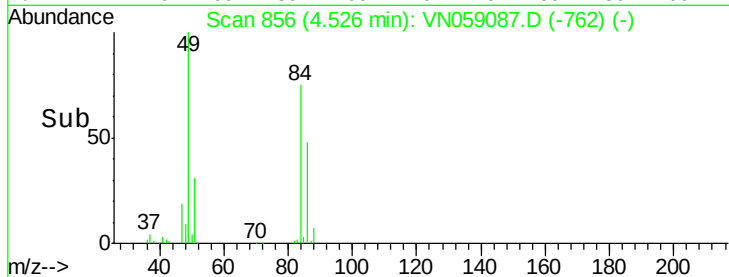
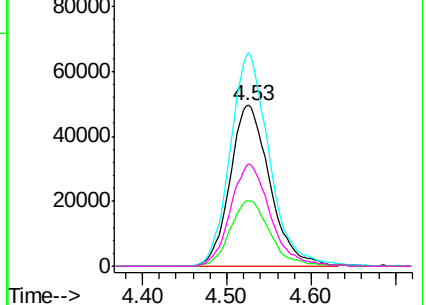


Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0



#33

1,2-Dichloroethane-d4

Concen: 50.009 ug/l

RT: 8.00 min Scan# 1938

Delta R.T. -0.00 min

Lab File: VN059087.D

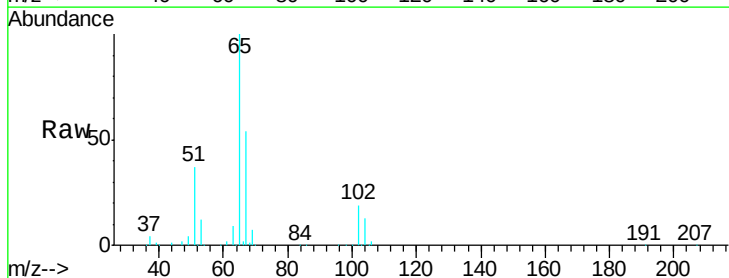
Acq: 5 Nov 2019 11:55

Tgt Ion: 65 Resp: 300691

Ion Ratio Lower Upper

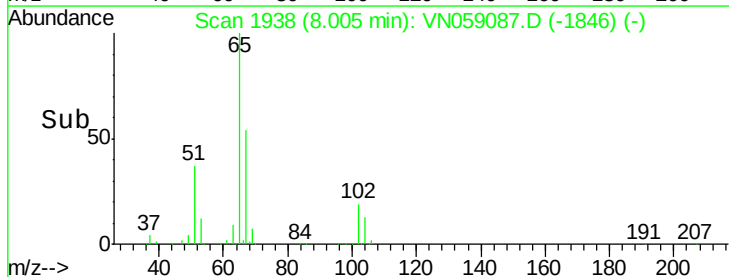
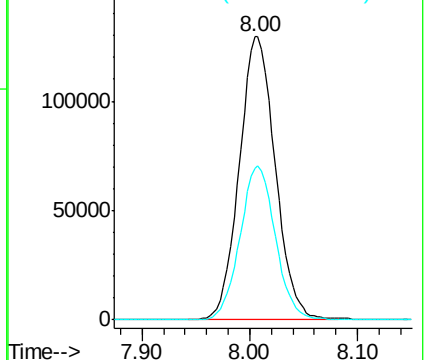
65 100

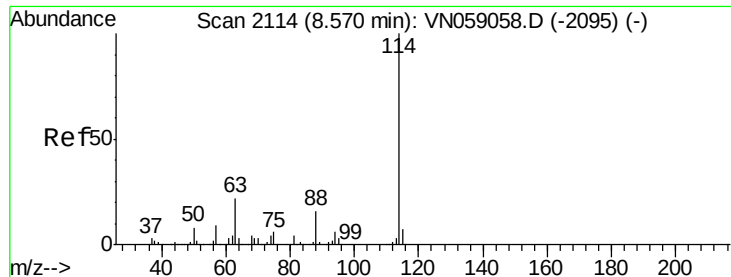
67 53.5 0.0 107.6



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2114

Delta R.T. 0.00 min

Lab File: VN059087.D

Acq: 5 Nov 2019 11:55

Instrument :

MSVOA_N

ClientSampleId :

SU-02-110119

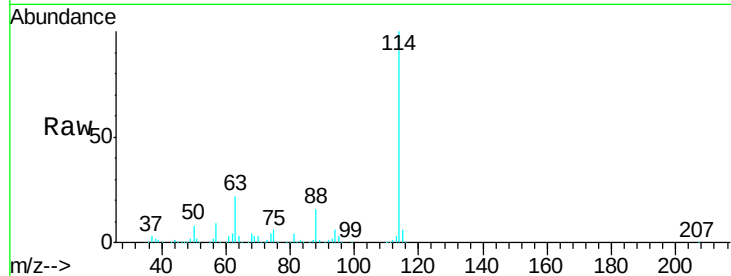
Tgt Ion:114 Resp: 712580

Ion Ratio Lower Upper

114 100

63 21.9 0.0 43.2

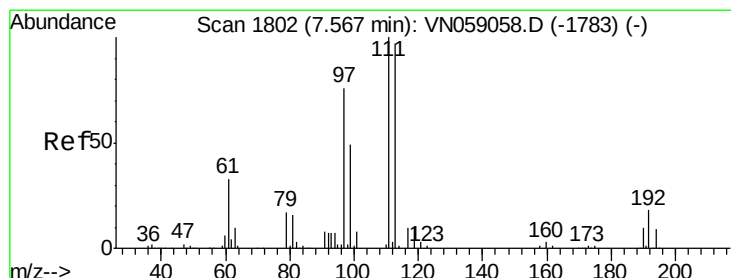
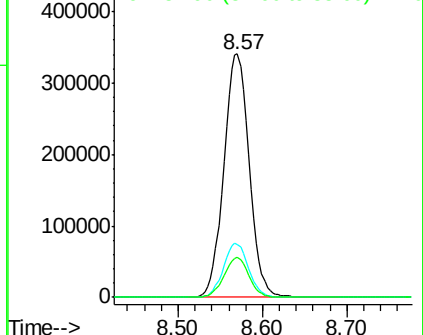
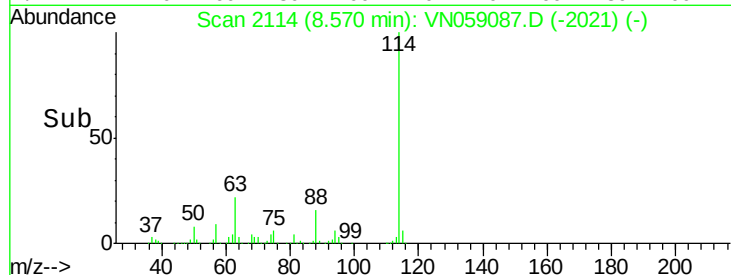
88 16.2 0.0 33.0



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: 49.342 ug/l

RT: 7.57 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VN059087.D

Acq: 5 Nov 2019 11:55

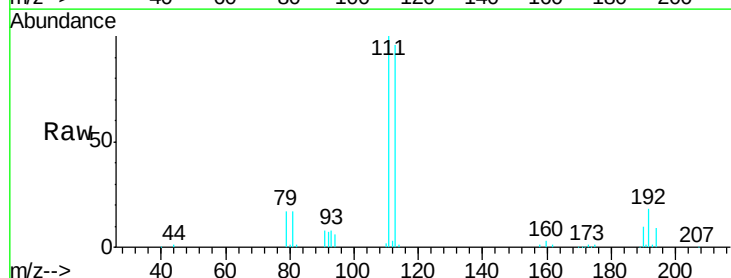
Tgt Ion:113 Resp: 226824

Ion Ratio Lower Upper

113 100

111 103.6 82.9 124.3

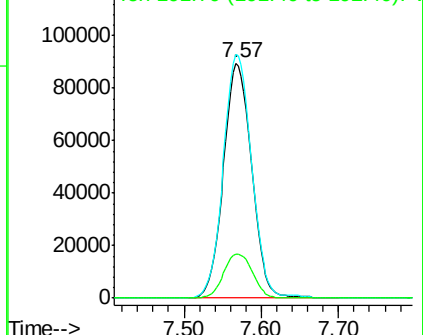
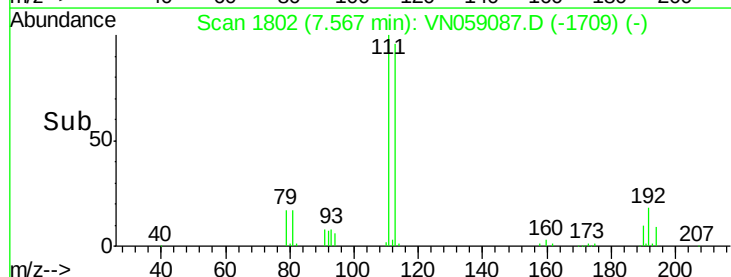
192 19.3 15.9 23.9

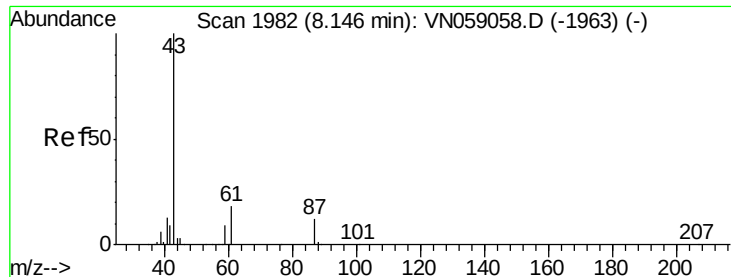


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 7.795 ug/l

RT: 8.15 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VN059087.D

Acq: 5 Nov 2019 11:55

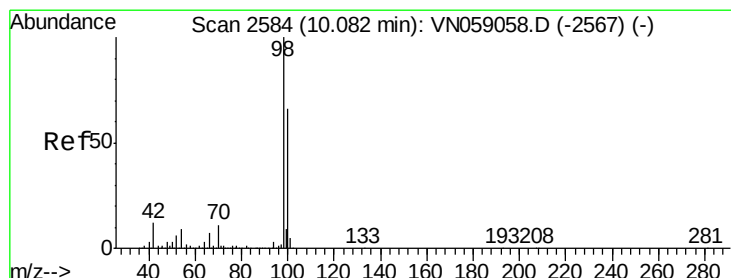
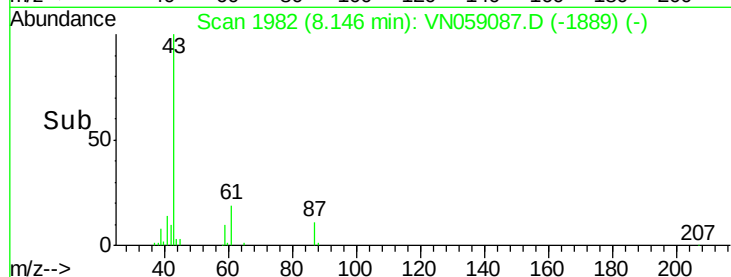
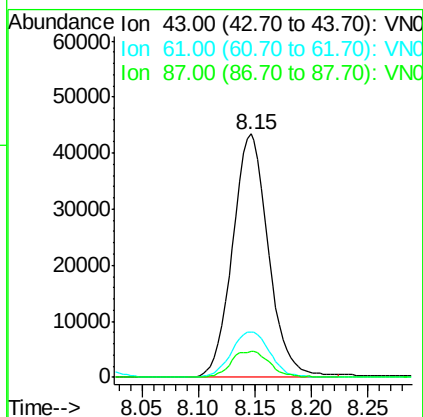
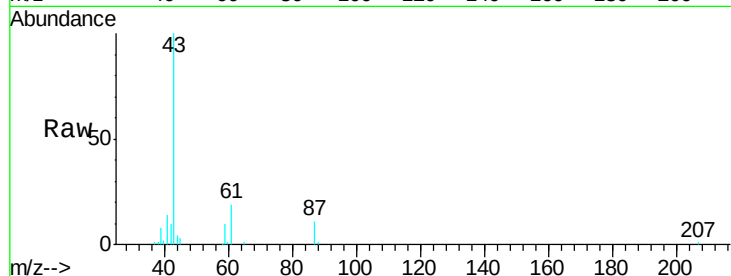
Instrument :

MSVOA_N

ClientSampleId :

SU-02-110119

Tgt Ion:	43	Resp:	95920
Ion	Ratio	Lower	Upper
43	100		
61	19.9	20.5	30.7#
87	11.5	9.8	14.8



#50

Toluene-d8

Concen: 51.066 ug/l

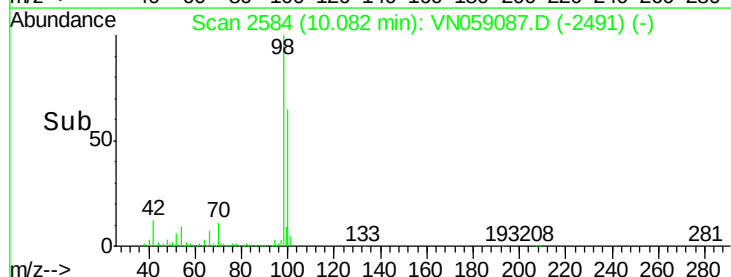
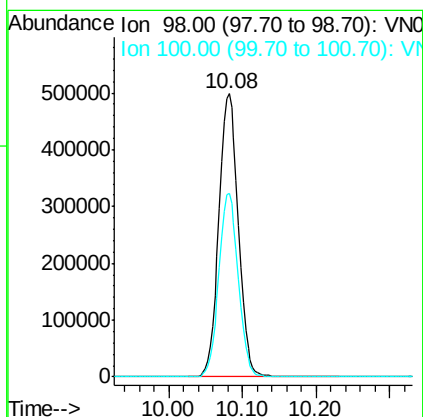
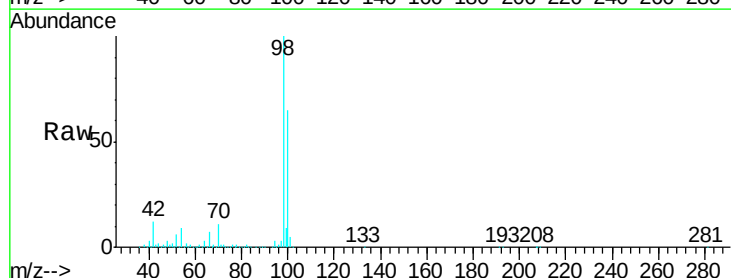
RT: 10.08 min Scan# 2584

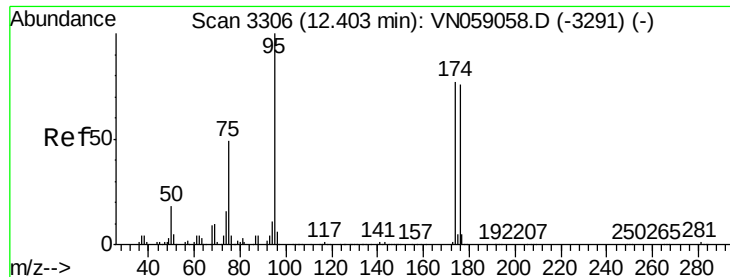
Delta R.T. 0.00 min

Lab File: VN059087.D

Acq: 5 Nov 2019 11:55

Tgt Ion:	98	Resp:	913954
Ion	Ratio	Lower	Upper
98	100		
100	64.7	51.7	77.5





#62

4-Bromofluorobenzene

Concen: 44.331 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN059087.D

Acq: 5 Nov 2019 11:55

Instrument :

MSVOA_N

ClientSampled :

SU-02-110119

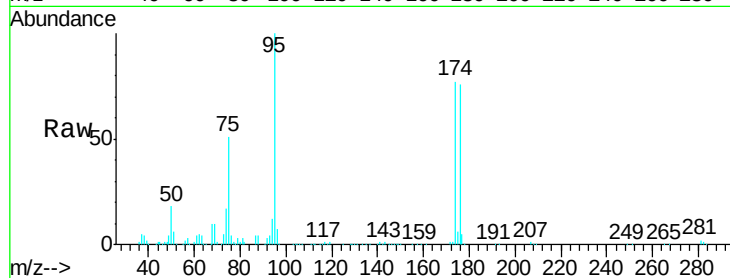
Tgt Ion: 95 Resp: 285209

Ion Ratio Lower Upper

95 100

174 78.3 0.0 155.8

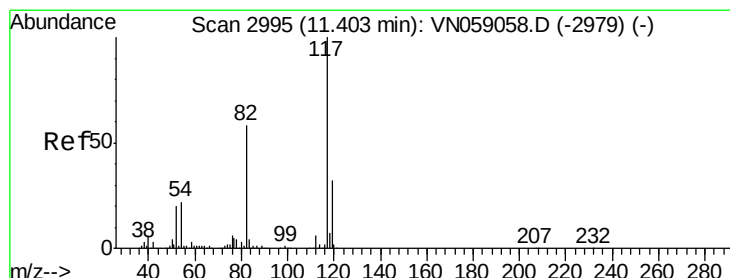
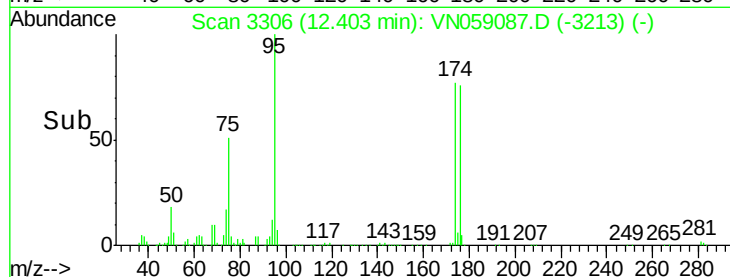
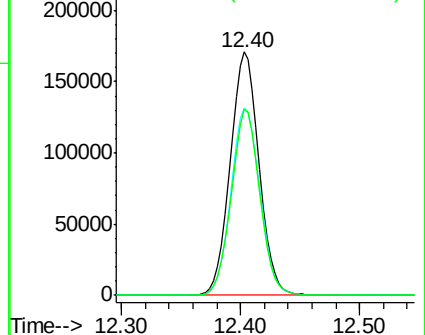
176 76.0 0.0 151.6



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN0

Ion 175.80 (175.50 to 176.50): VN0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN059087.D

Acq: 5 Nov 2019 11:55

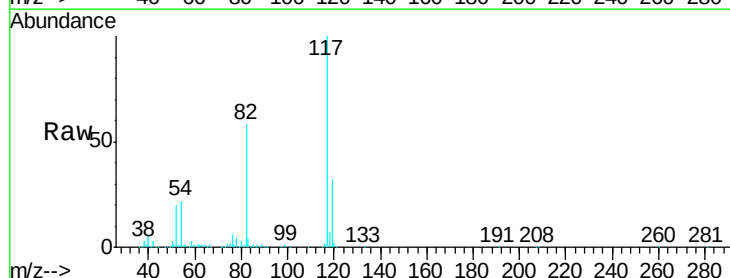
Tgt Ion: 117 Resp: 639631

Ion Ratio Lower Upper

117 100

82 57.8 46.0 69.0

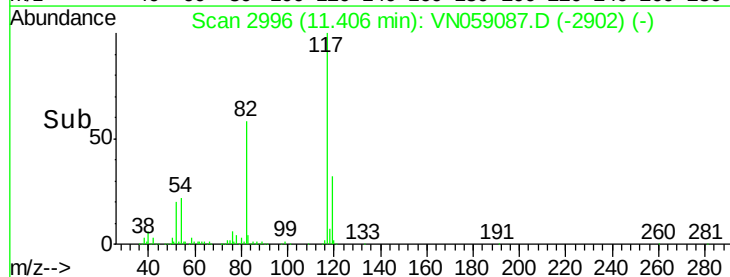
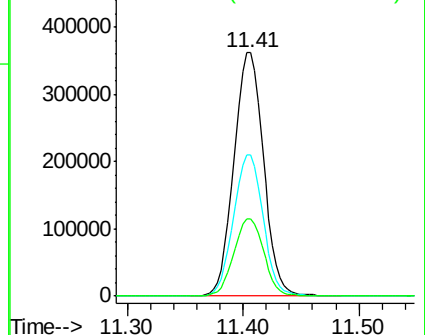
119 31.9 25.6 38.4

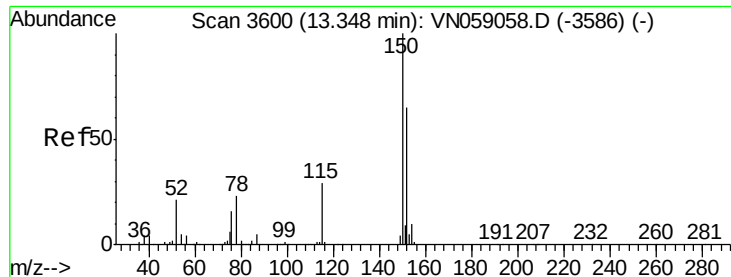


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN059087.D

Acq: 5 Nov 2019 11:55

Instrument :

MSVOA_N

ClientSampled :

SU-02-110119

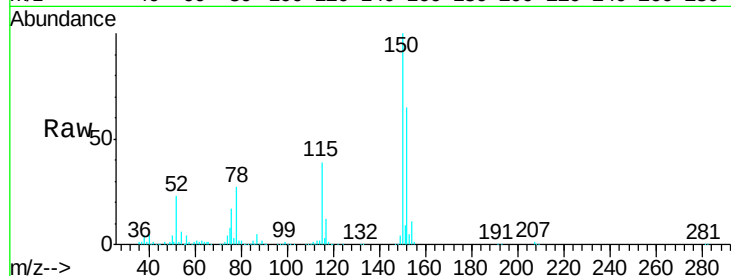
Tgt Ion:152 Resp: 230118

Ion Ratio Lower Upper

152 100

115 60.4 29.6 88.9

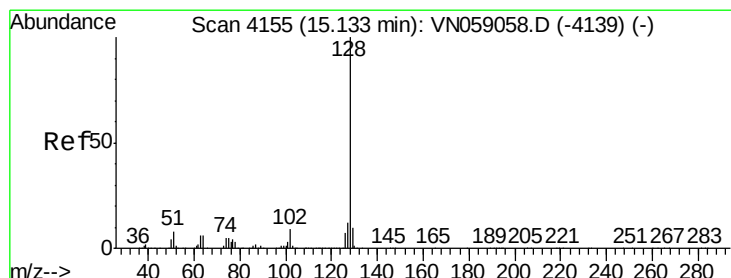
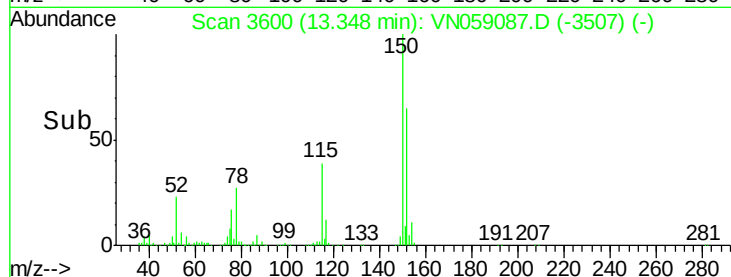
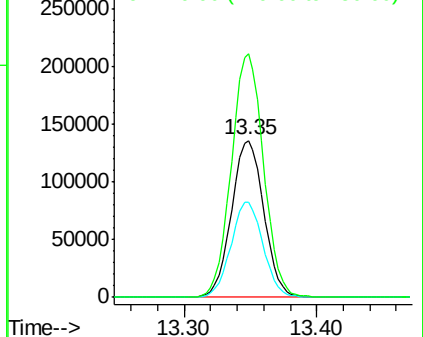
150 155.2 0.0 345.8



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: 4.820 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN059087.D

Acq: 5 Nov 2019 11:55

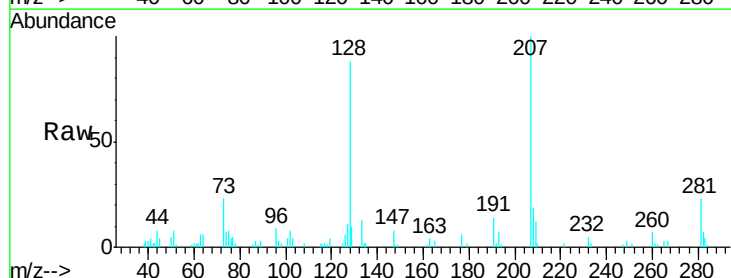
Tgt Ion:128 Resp: 24541

Ion Ratio Lower Upper

128 100

127 12.3 9.9 14.9

129 9.6 8.4 12.6



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

