

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112619\
 Data File : VN059409.D
 Acq On : 26 Nov 2019 16:14
 Operator : JC/SP
 Sample : K5676-34
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SU-04-112219

Quant Time: Nov 27 01:23:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112019W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 21 08:44:45 2019
 Response via : Initial Calibration

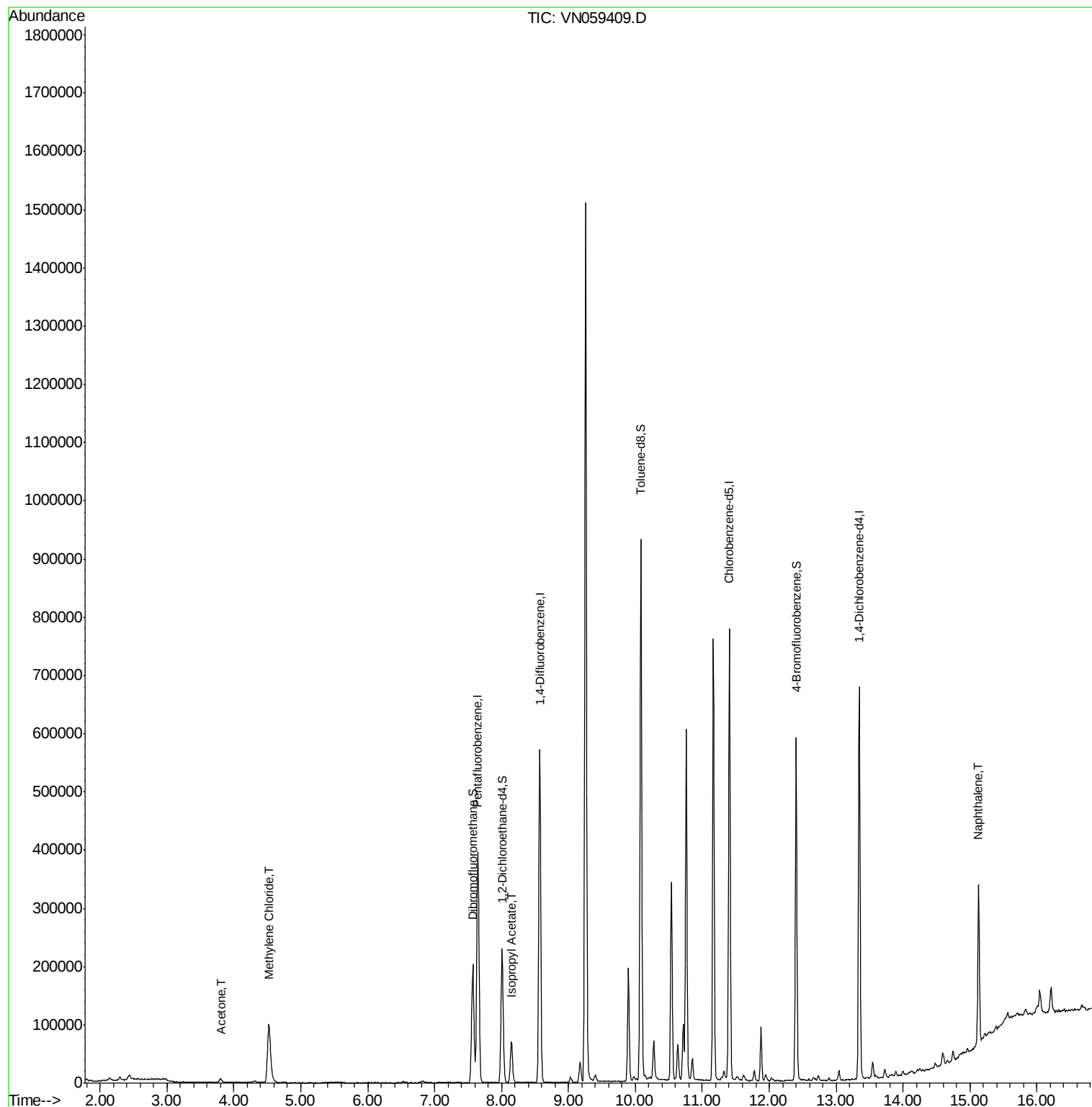
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	336393	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	519105	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	465767	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	187288	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	195213	48.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.74%	
35) Dibromofluoromethane	7.57	113	158718	50.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.92%	
50) Toluene-d8	10.08	98	643753	52.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.00%	
62) 4-Bromofluorobenzene	12.40	95	211878	48.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.88%	
Target Compounds						
16) Acetone	3.80	43	10793	5.964	ug/l	98
20) Methylene Chloride	4.53	84	85239	20.884	ug/l	96
43) Isopropyl Acetate	8.15	43	83424	9.478	ug/l #	92
95) Naphthalene	15.13	128	231578	22.812	ug/l	100

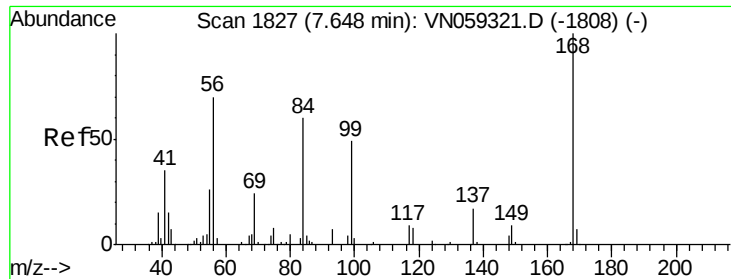
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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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: VN059409.D

Acq: 26 Nov 2019 16:14

Instrument :

MSVOA_N

ClientSampleId :

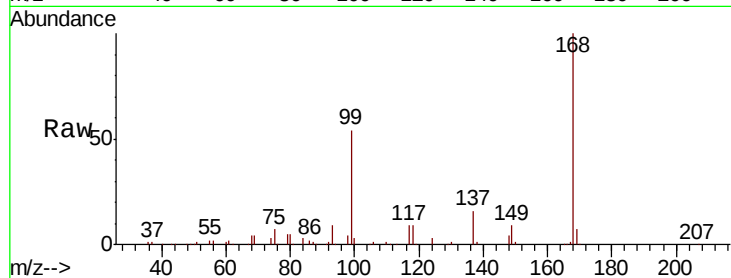
SU-04-112219

Tot Ion:168 Resp: 336393

Ion Ratio Lower Upper

168 100

99 54.4 44.6 66.8



Abundance Ion 167.90 (167.60 to 168.60): VN059409.D (-1734) (-)

Ion 98.90 (98.60 to 99.60): VN059409.D (-1734) (-)

7.64

150000

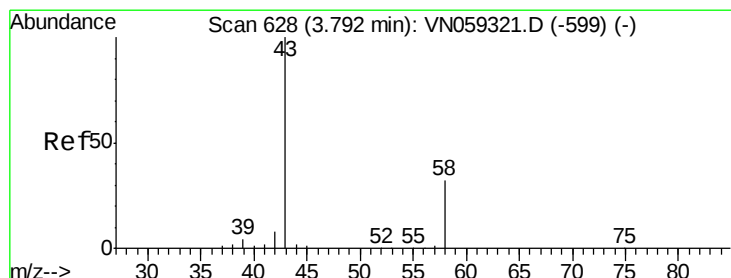
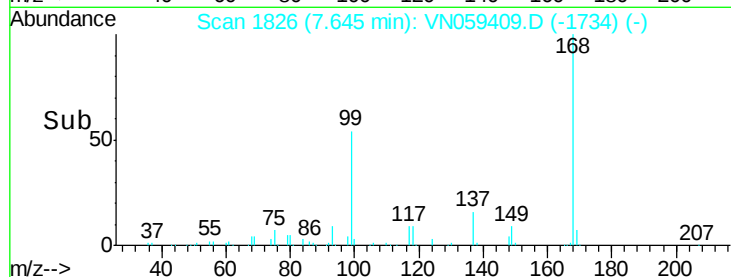
100000

50000

0

7.50 7.60 7.70 7.80

Time-->



#16

Acetone

Concen: 5.964 ug/l

RT: 3.80 min Scan# 630

Delta R.T. 0.01 min

Lab File: VN059409.D

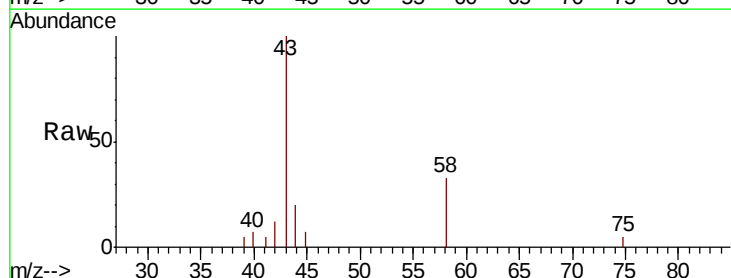
Acq: 26 Nov 2019 16:14

Tgt Ion: 43 Resp: 10793

Ion Ratio Lower Upper

43 100

58 33.5 25.8 38.6



Abundance Ion 43.00 (42.70 to 43.70): VN059409.D (-535) (-)

Ion 58.00 (57.70 to 58.70): VN059409.D (-535) (-)

3.80

4000

3000

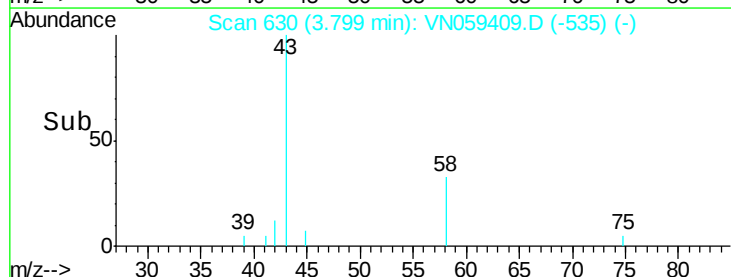
2000

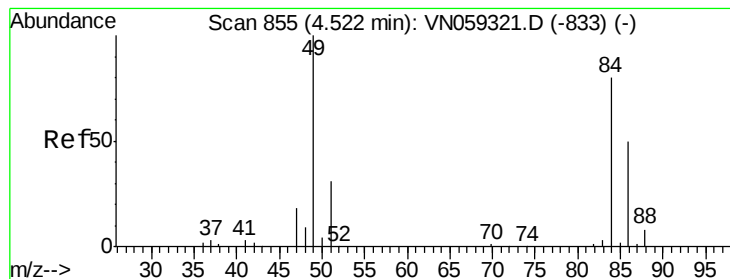
1000

0

3.70 3.80 3.90

Time-->





#20

Methvlene Chloride

Concen: 20.884 ug/l

RT: 4.53 min Scan# 856

Delta R.T. 0.00 min

Lab File: VN059409.D

Acq: 26 Nov 2019 16:14

Instrument :

MSVOA_N

ClientSampleId :

SU-04-112219

Tot Ion: 84 Resp: 85239

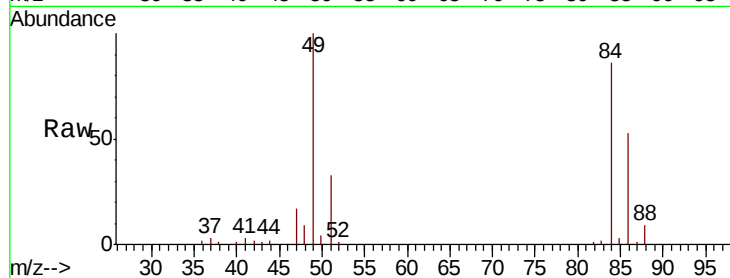
Ion Ratio Lower Upper

84 100

49 116.6 99.5 149.3

51 38.0 31.1 46.7

86 61.5 49.9 74.9

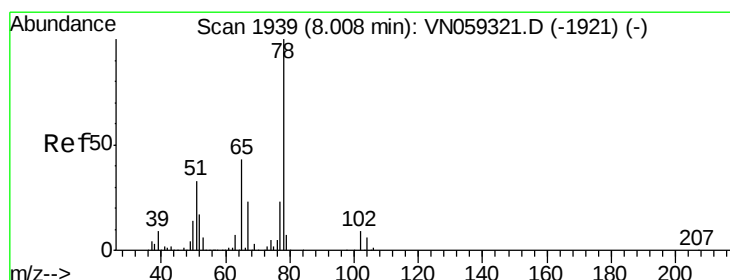
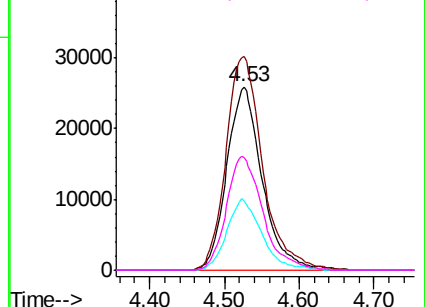
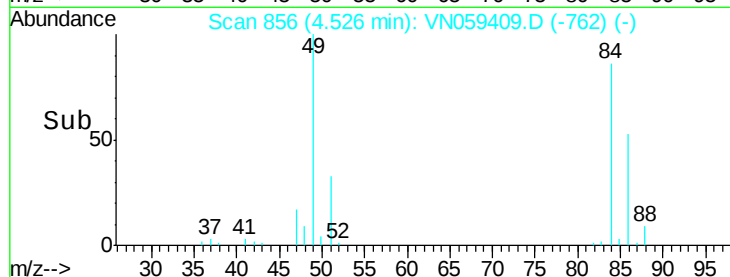


Abundance Ion 83.90 (83.60 to 84.60): VN0

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: 48.366 ug/l

RT: 8.01 min Scan# 1939

Delta R.T. 0.00 min

Lab File: VN059409.D

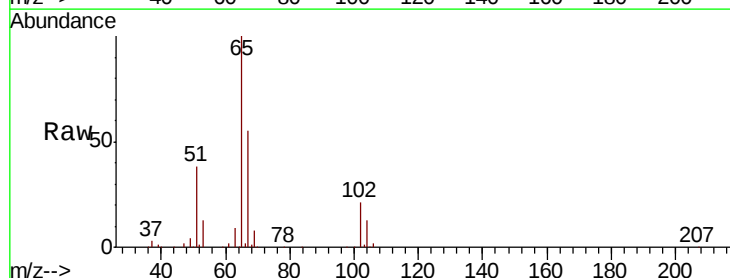
Acq: 26 Nov 2019 16:14

Tgt Ion: 65 Resp: 195213

Ion Ratio Lower Upper

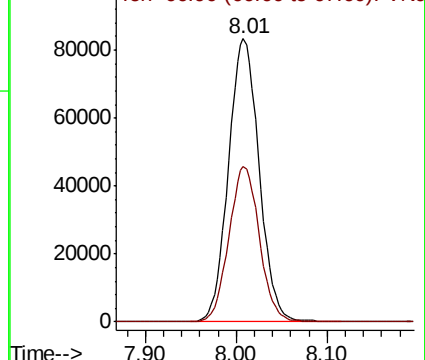
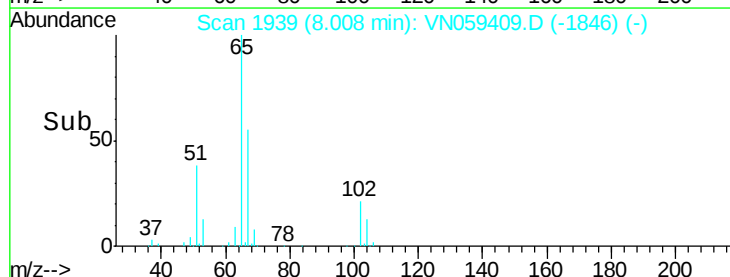
65 100

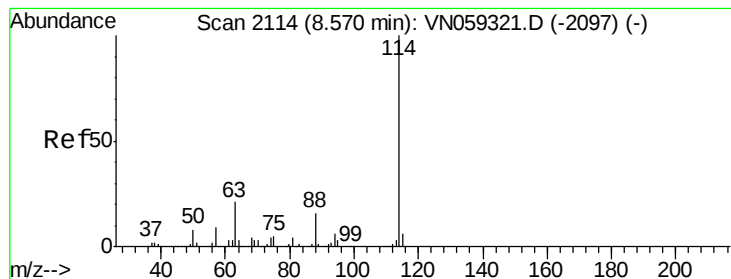
67 54.6 0.0 109.4



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: VN059409.D

Acq: 26 Nov 2019 16:14

Instrument :

MSVOA_N

ClientSampleId :

SU-04-112219

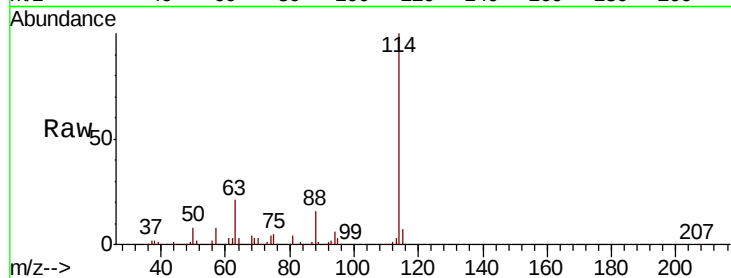
Tot Ion:114 Resp: 519105

Ion Ratio Lower Upper

114 100

63 21.2 0.0 42.2

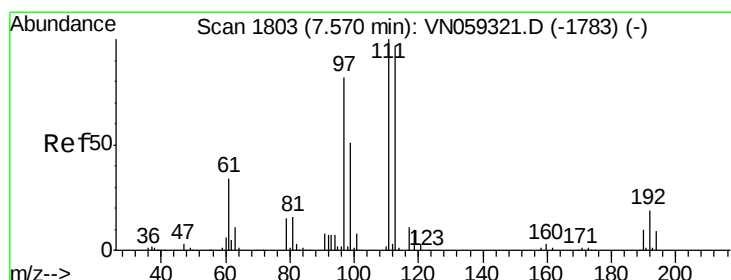
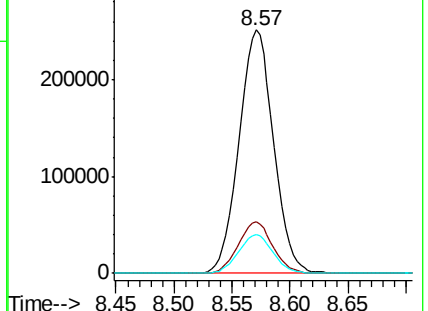
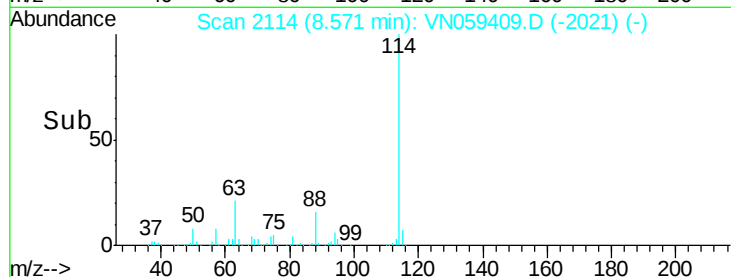
88 15.9 0.0 32.2



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: 50.964 ug/l

RT: 7.57 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VN059409.D

Acq: 26 Nov 2019 16:14

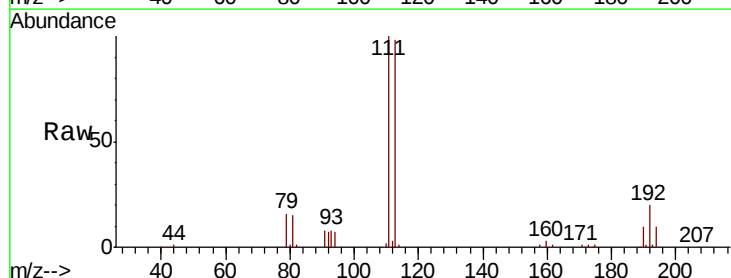
Tgt Ion:113 Resp: 158718

Ion Ratio Lower Upper

113 100

111 100.7 82.7 124.1

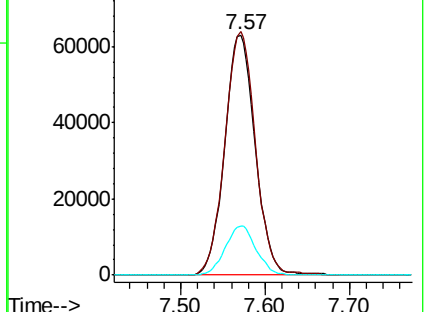
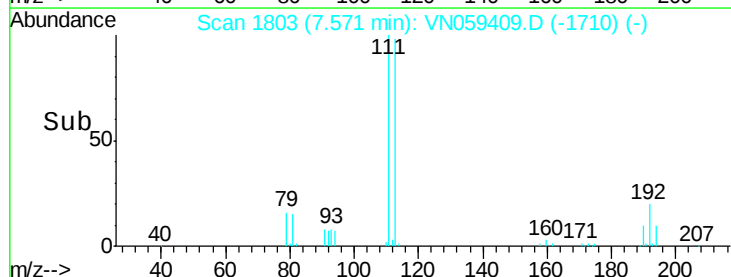
192 20.6 16.3 24.5

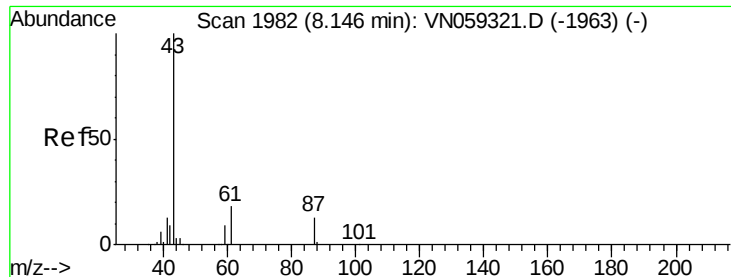


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 9.478 ug/l

RT: 8.15 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VN059409.D

Acq: 26 Nov 2019 16:14

Instrument :

MSVOA_N

ClientSampleId :

SU-04-112219

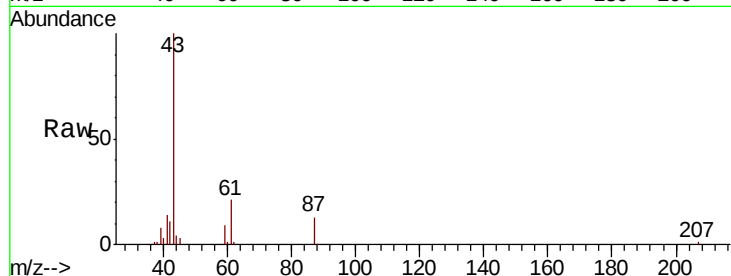
Tot Ion: 43 Resp: 83424

Ion Ratio Lower Upper

43 100

61 21.5 21.7 32.5#

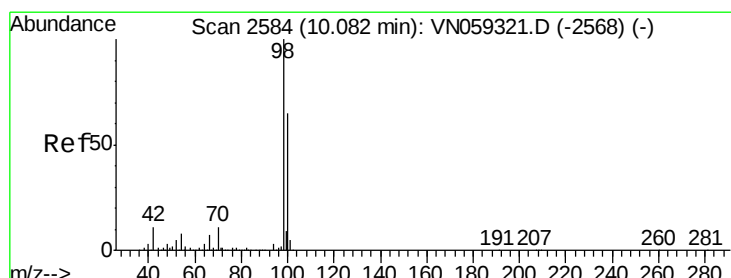
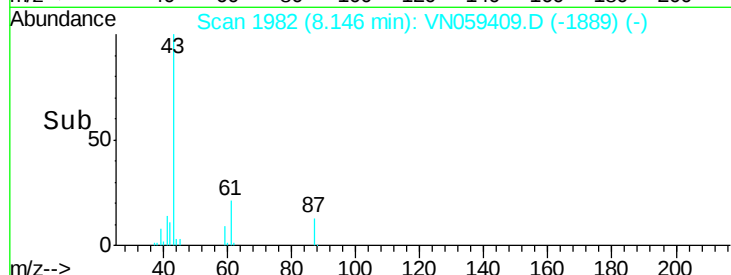
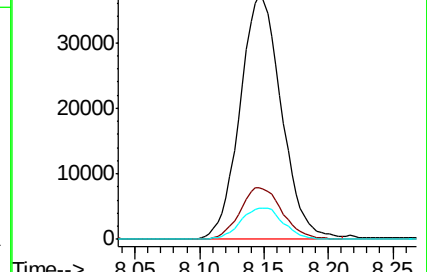
87 13.2 10.2 15.4



Abundance Ion 43.00 (42.70 to 43.70): VN059409.D (-1889) (-)

Ion 61.00 (60.70 to 61.70): VN059409.D (-1889) (-)

Ion 87.00 (86.70 to 87.70): VN059409.D (-1889) (-)



#50

Toluene-d8

Concen: 51.996 ug/l

RT: 10.08 min Scan# 2584

Delta R.T. 0.00 min

Lab File: VN059409.D

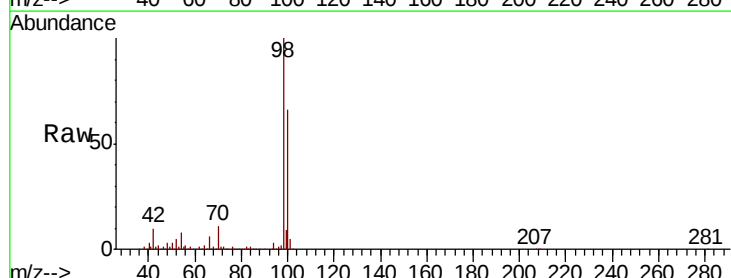
Acq: 26 Nov 2019 16:14

Tgt Ion: 98 Resp: 643753

Ion Ratio Lower Upper

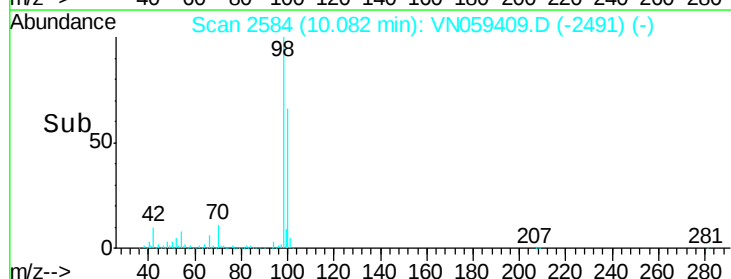
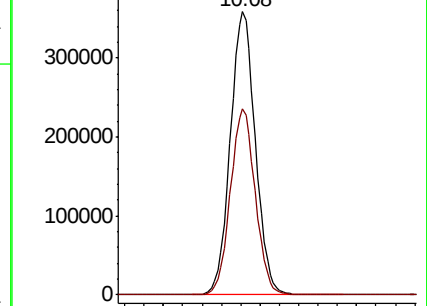
98 100

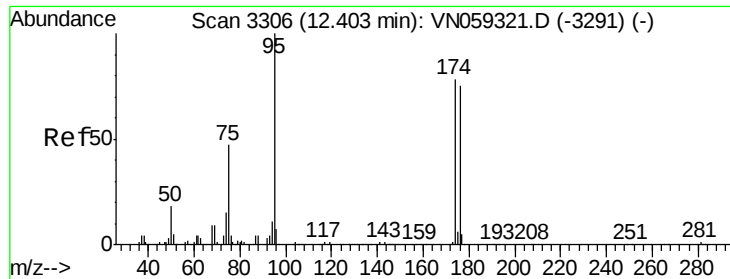
100 65.2 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN059409.D (-2491) (-)

Ion 100.00 (99.70 to 100.70): VN059409.D (-2491) (-)

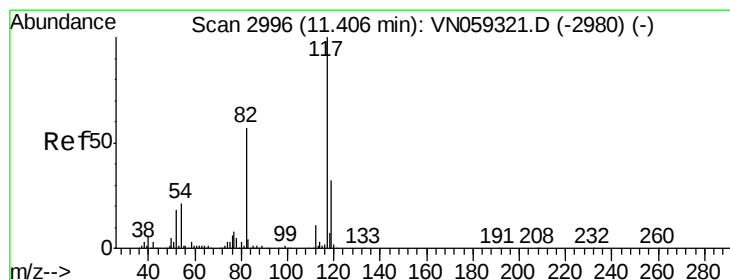
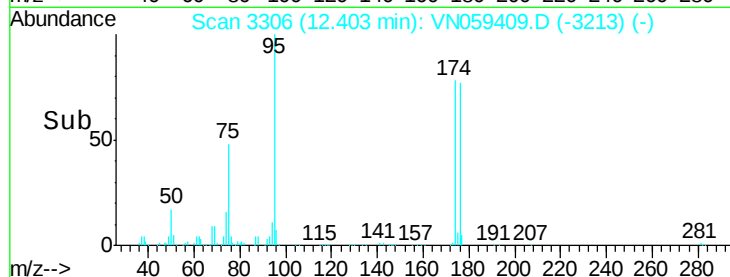
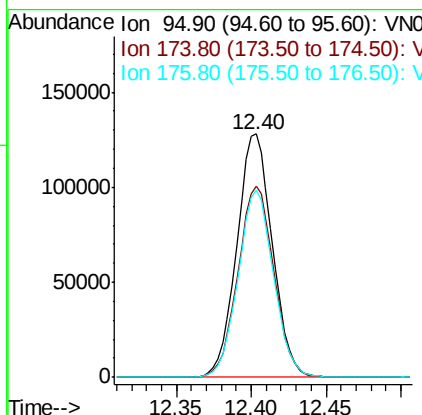
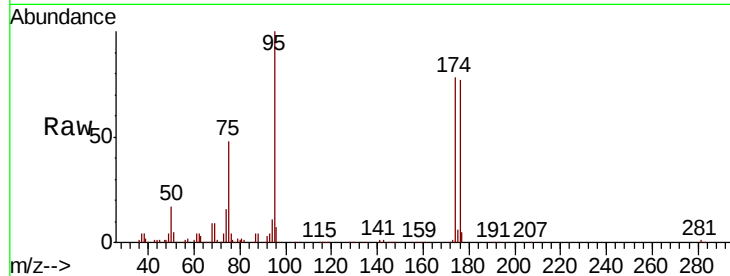




#62
4-Bromofluorobenzene
Concen: 48.943 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN059409.D
Acq: 26 Nov 2019 16:14

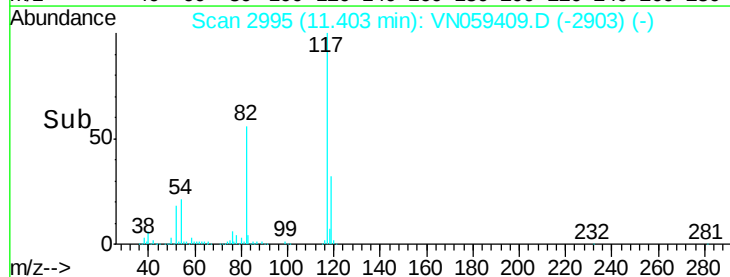
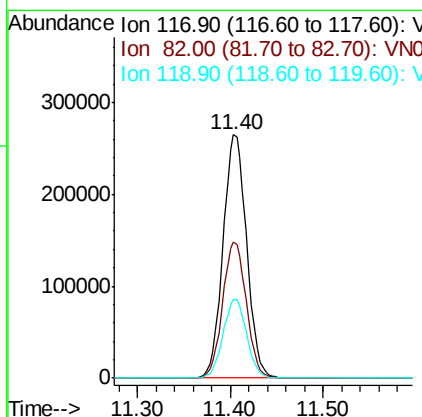
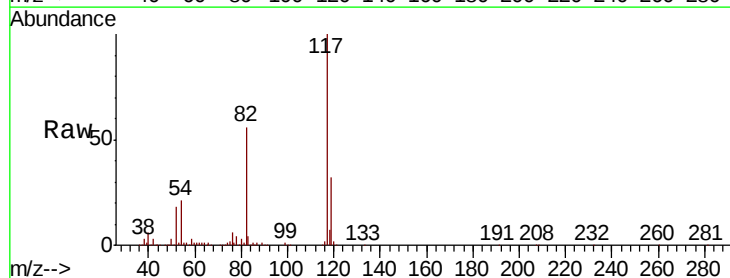
Instrument :
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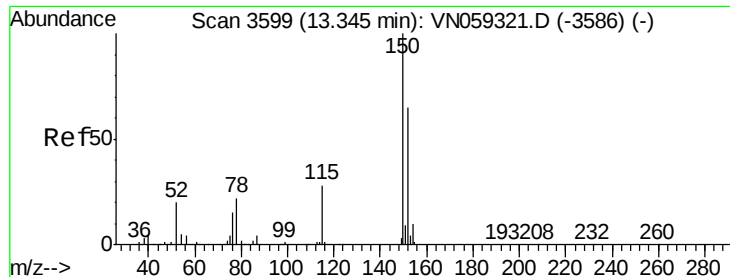
Tot Ion: 95 Resp: 211878
Ion Ratio Lower Upper
95 100
174 79.6 0.0 157.4
176 76.8 0.0 151.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. -0.00 min
Lab File: VN059409.D
Acq: 26 Nov 2019 16:14

Tgt Ion: 117 Resp: 465767
Ion Ratio Lower Upper
117 100
82 56.2 45.7 68.5
119 32.1 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN059409.D

Acq: 26 Nov 2019 16:14

Instrument :

MSVOA_N

ClientSampleId :

SU-04-112219

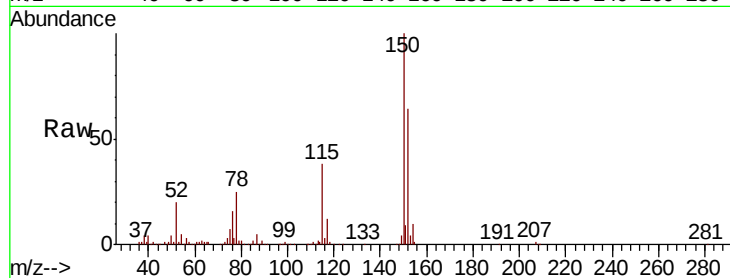
Tot Ion:152 Resp: 187288

Ion Ratio Lower Upper

152 100

115 59.7 29.3 88.0

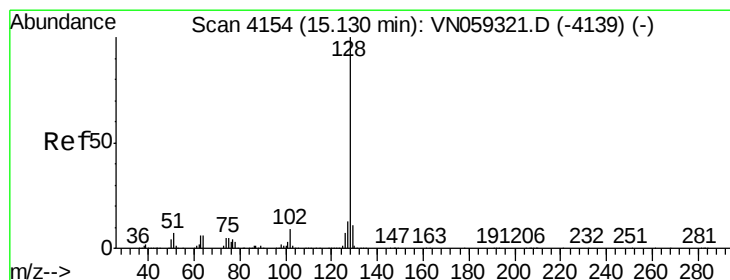
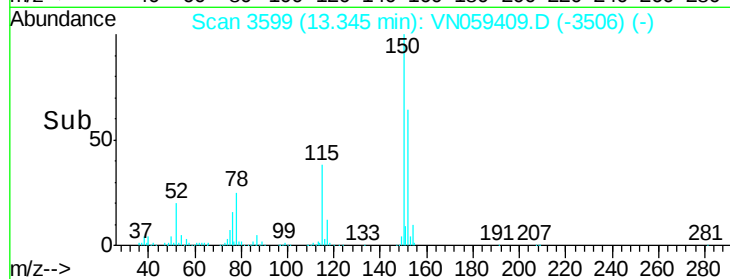
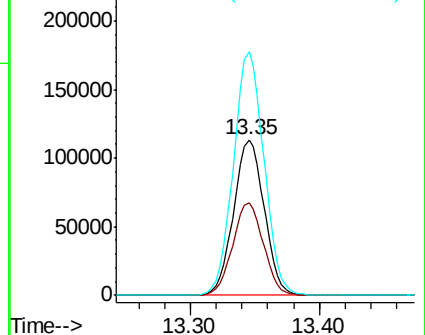
150 156.4 0.0 346.0



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: 22.812 ug/l

RT: 15.13 min Scan# 4153

Delta R.T. -0.00 min

Lab File: VN059409.D

Acq: 26 Nov 2019 16:14

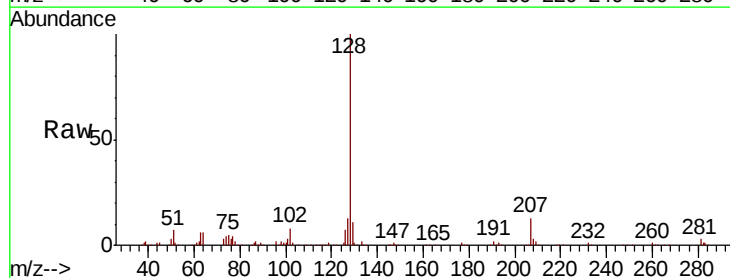
Tgt Ion:128 Resp: 231578

Ion Ratio Lower Upper

128 100

127 12.7 10.2 15.2

129 11.0 8.6 13.0



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

