

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN040319\
 Data File : VN054927.D
 Acq On : 3 Apr 2019 15:34
 Operator : JC/SP
 Sample : K2203-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SU-03-040219-A

Quant Time: Apr 04 02:28:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032919W.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 30 00:48:18 2019
 Response via : Initial Calibration

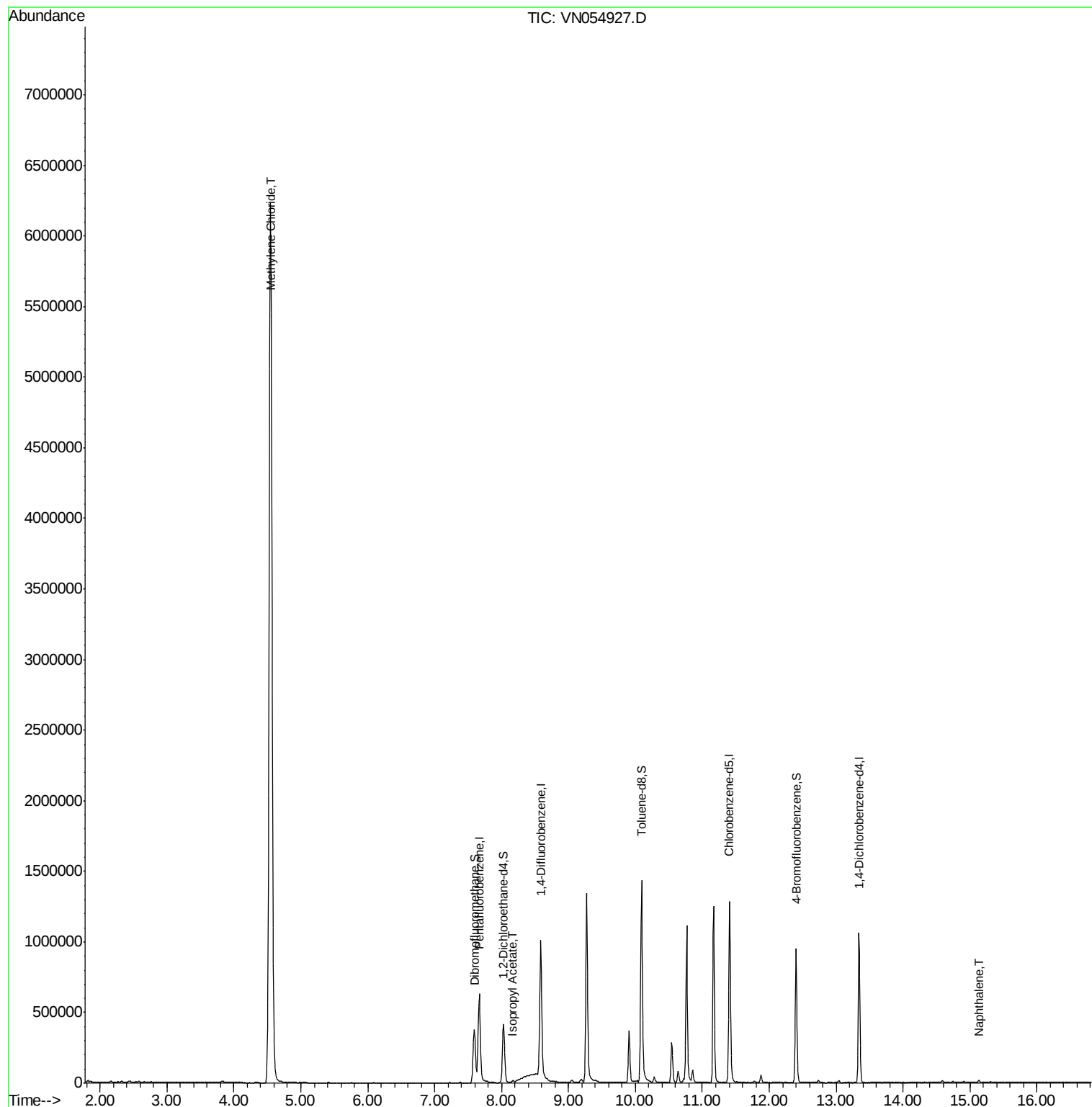
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	525956	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	888002	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	768305	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	278216	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	357711	50.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.90%	
35) Dibromofluoromethane	7.59	113	286756	48.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.88%	
50) Toluene-d8	10.09	98	1071217	48.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.34%	
62) 4-Bromofluorobenzene	12.40	95	330822	45.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.38%	
Target Compounds						
20) Methylene Chloride	4.55	84	4315527	723.613	ug/l #	82
43) Isopropyl Acetate	8.17	43	17501	1.775	ug/l #	93
95) Naphthalene	15.13	128	11945	1.191	ug/l	99

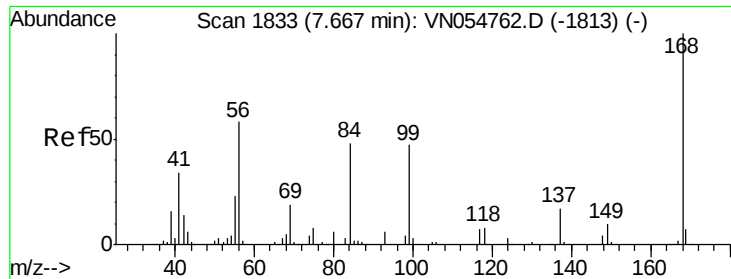
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN054927.D

Acq: 3 Apr 2019 15:34

Instrument :

MSVOA_N

ClientSampleId :

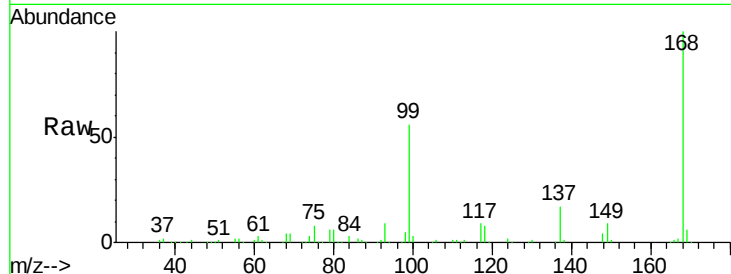
SU-03-040219-A

Tot Ion:168 Resp: 525956

Ion Ratio Lower Upper

168 100

99 55.5 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

250000

200000

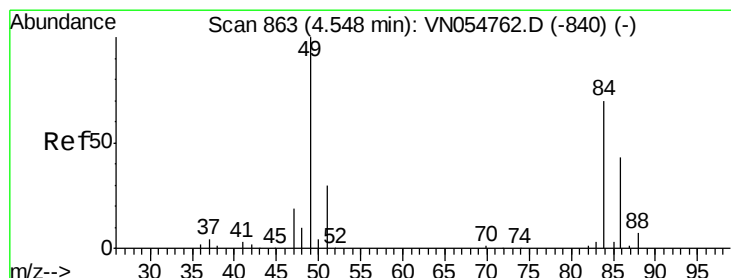
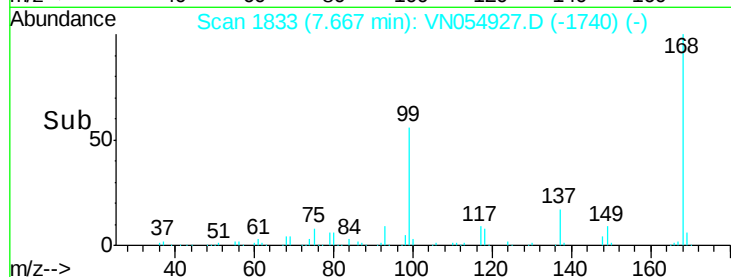
150000

100000

50000

0

Time--> 7.55 7.60 7.65 7.70 7.75



#20

Methylene Chloride

Concen: 723.613 ug/l

RT: 4.55 min Scan# 863

Delta R.T. -0.00 min

Lab File: VN054927.D

Acq: 3 Apr 2019 15:34

Tgt Ion: 84 Resp: 4315527

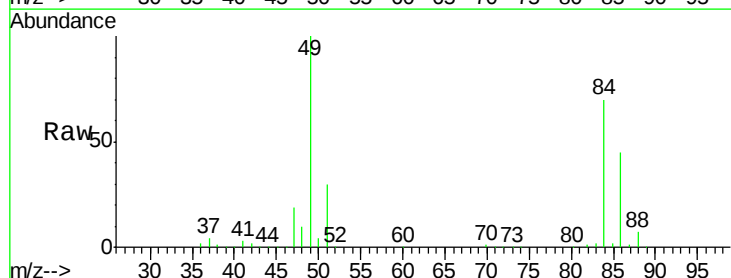
Ion Ratio Lower Upper

84 100

49 143.3 89.7 134.5#

51 43.5 28.2 42.4#

86 64.7 50.8 76.2



Abundance Ion 83.90 (83.60 to 84.60): VNO

Ion 48.90 (48.60 to 49.60): VNO

Ion 50.90 (50.60 to 51.60): VNO

Ion 85.90 (85.60 to 86.60): VNO

4.55

3000000

2500000

2000000

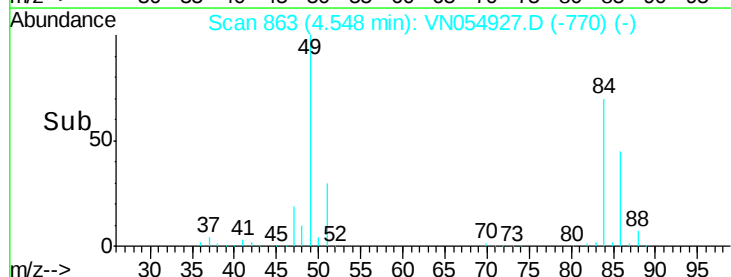
1500000

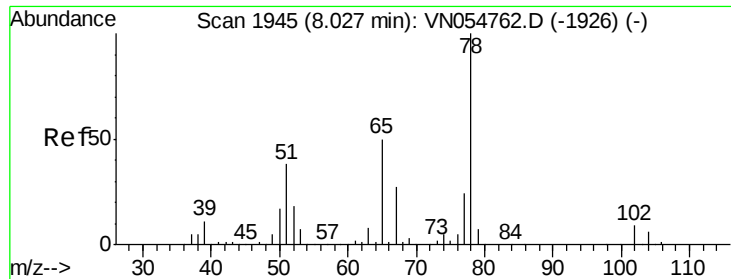
1000000

500000

0

Time--> 4.40 4.50 4.60 4.70





#33

1,2-Dichloroethane-d4

Concen: 50.453 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN054927.D

Acq: 3 Apr 2019 15:34

Instrument :

MSVOA_N

ClientSampleId :

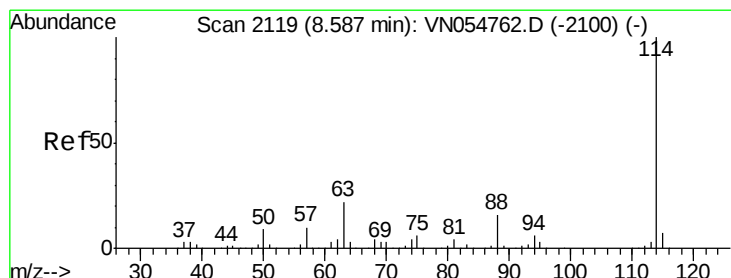
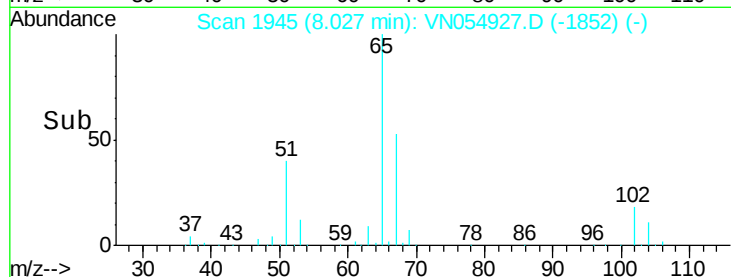
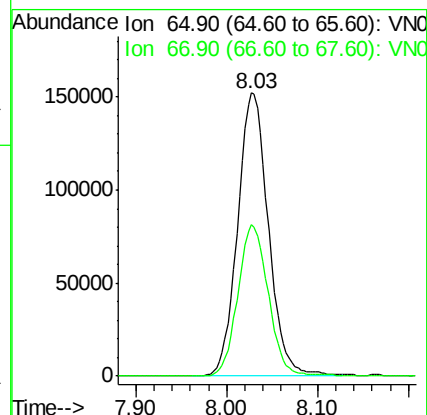
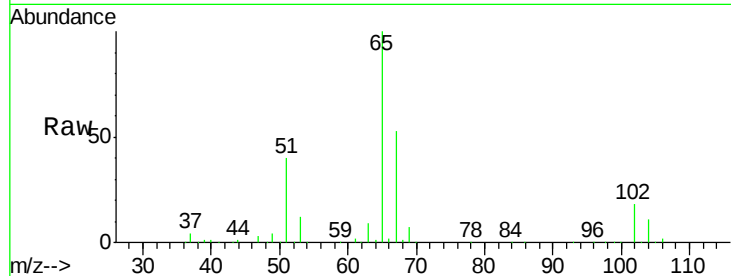
SU-03-040219-A

Tot Ion: 65 Resp: 357711

Ion Ratio Lower Upper

65 100

67 52.6 0.0 104.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VN054927.D

Acq: 3 Apr 2019 15:34

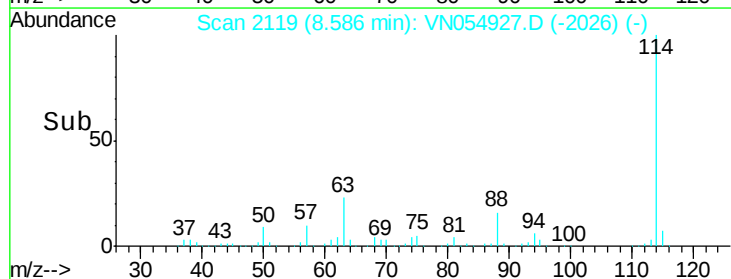
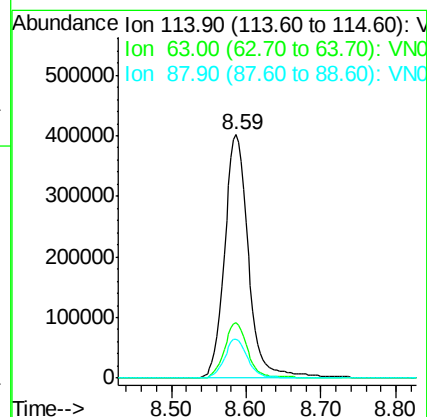
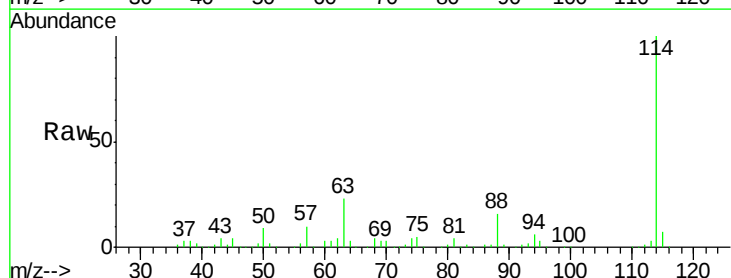
Tgt Ion: 114 Resp: 888002

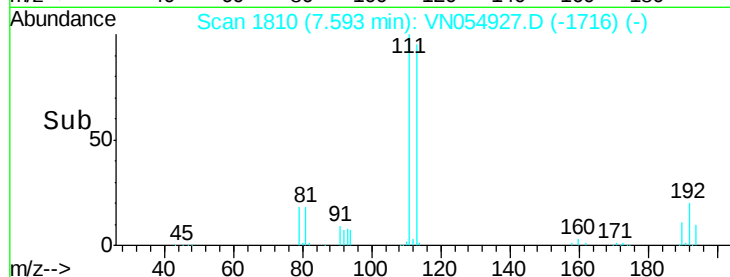
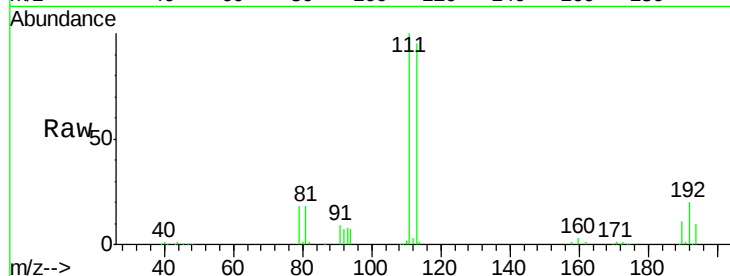
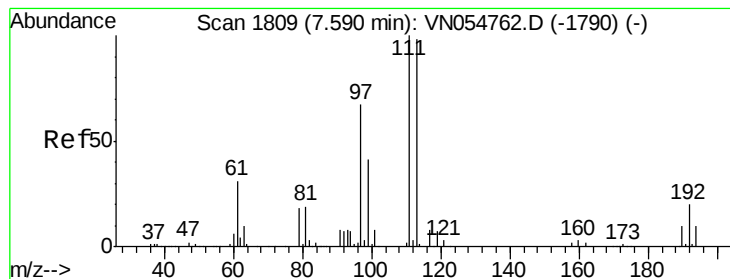
Ion Ratio Lower Upper

114 100

63 22.8 0.0 35.2

88 16.1 0.0 30.2





#35

Dibromofluoromethane

Concen: 48.437 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN054927.D

Acq: 3 Apr 2019 15:34

Instrument :

MSVOA_N

ClientSampleId :

SU-03-040219-A

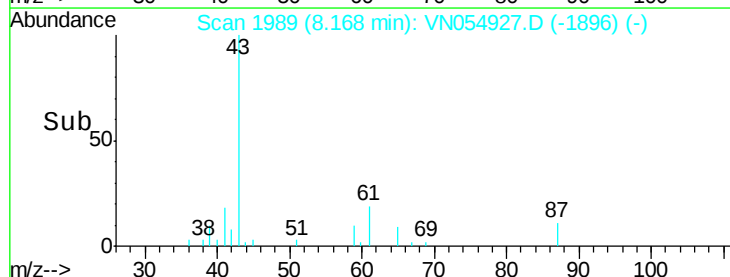
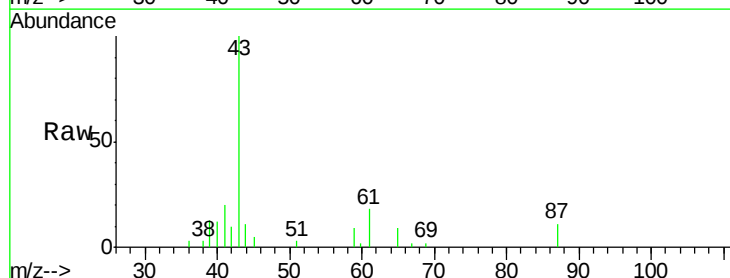
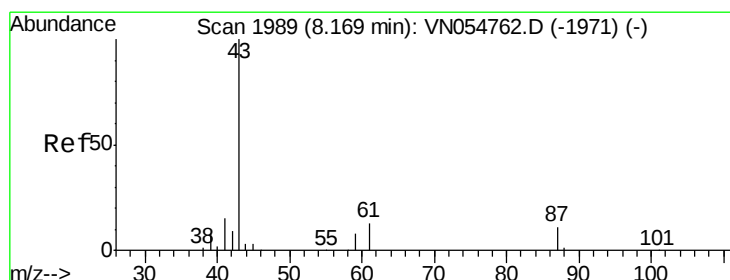
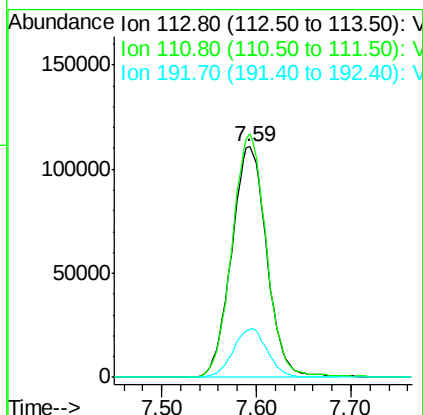
Tot Ion:113 Resp: 286756

Ion Ratio Lower Upper

113 100

111 102.8 82.2 123.4

192 20.6 19.2 28.8



#43

Isopropyl Acetate

Concen: 1.775 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. -0.00 min

Lab File: VN054927.D

Acq: 3 Apr 2019 15:34

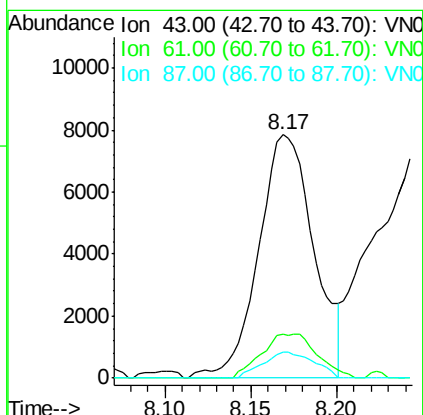
Tgt Ion: 43 Resp: 17501

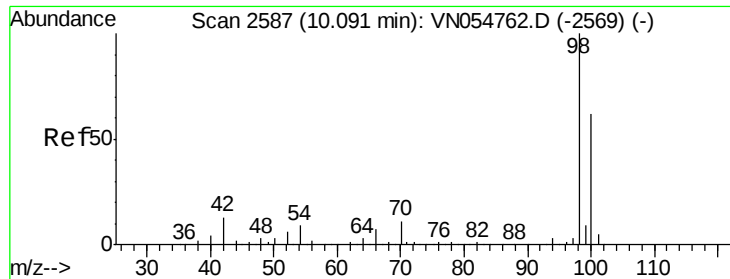
Ion Ratio Lower Upper

43 100

61 18.2 15.8 23.8

87 9.9 12.0 18.0#





#50

Toluene-d8

Concen: 48.669 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN054927.D

Acq: 3 Apr 2019 15:34

Instrument :

MSVOA_N

ClientSampleId :

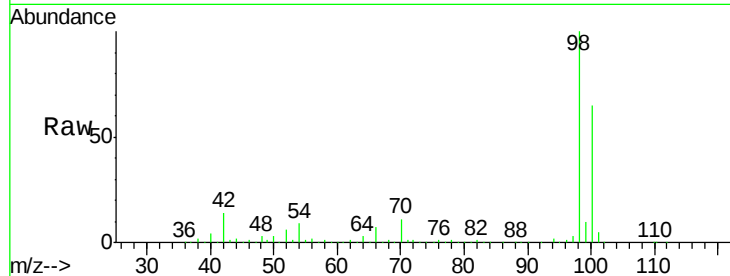
SU-03-040219-A

Tot Ion: 98 Resp: 1071217

Ion Ratio Lower Upper

98 100

100 64.3 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN054762.D (-2569) (-)

Ion 100.00 (99.70 to 100.70): VN054762.D (-2569) (-)

10.09

600000

500000

400000

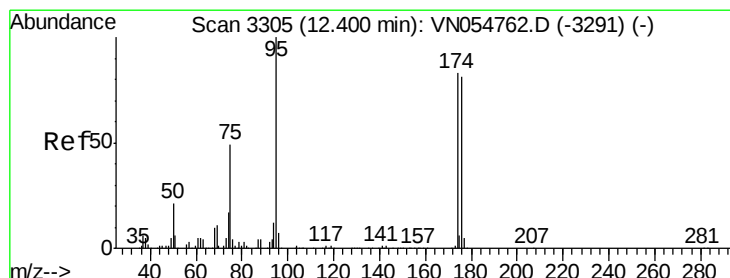
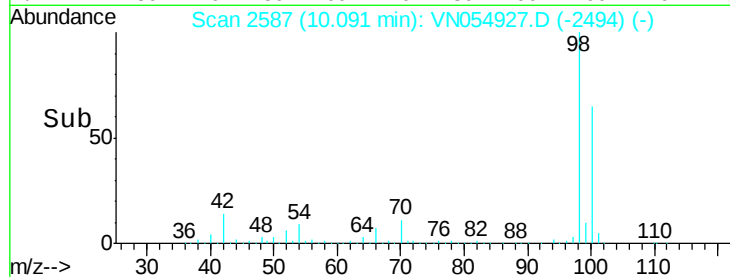
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 45.194 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN054927.D

Acq: 3 Apr 2019 15:34

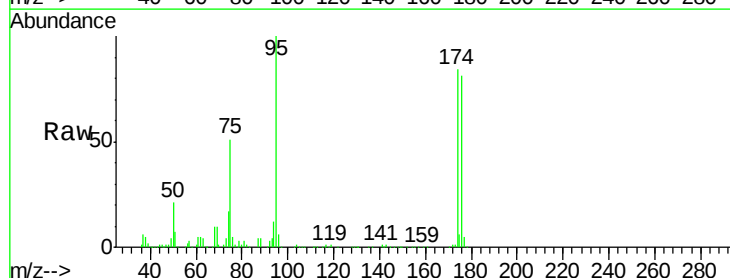
Tgt Ion: 95 Resp: 330822

Ion Ratio Lower Upper

95 100

174 84.7 0.0 191.0

176 81.2 0.0 187.4



Abundance Ion 94.90 (94.60 to 95.60): VN054762.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN054762.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN054762.D (-3291) (-)

12.40

250000

200000

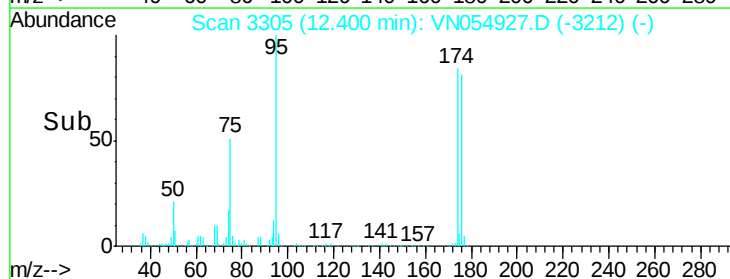
150000

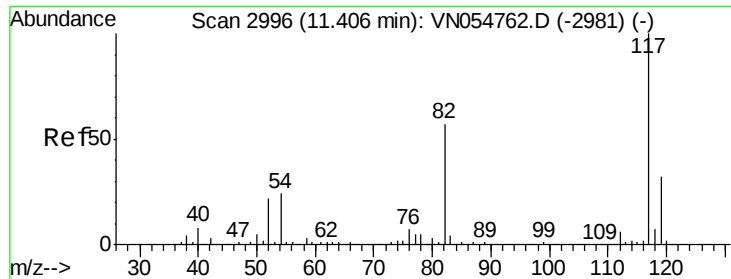
100000

50000

0

Time-->

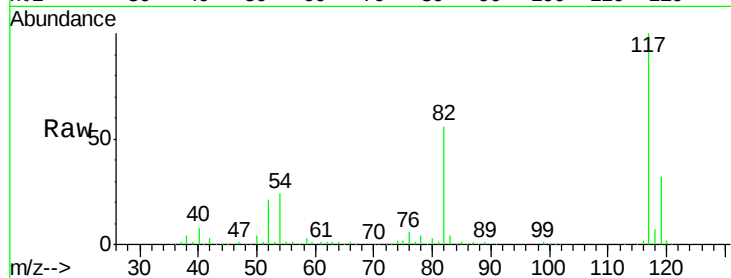




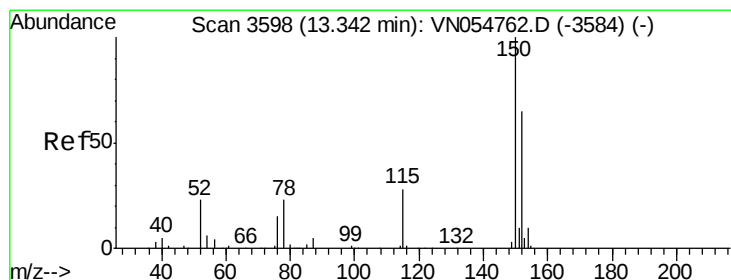
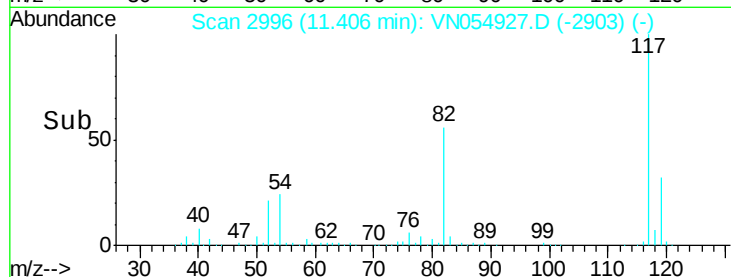
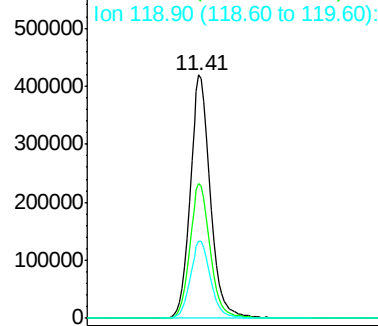
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN054927.D
Acq: 3 Apr 2019 15:34

Instrument :
MSVOA_N
ClientSampleId :
SU-03-040219-A

Tot Ion:117 Resp: 768305
Ion Ratio Lower Upper
117 100
82 55.6 40.0 60.0
119 31.8 25.8 38.6

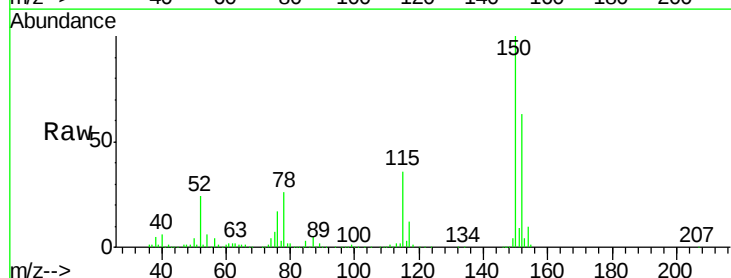


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

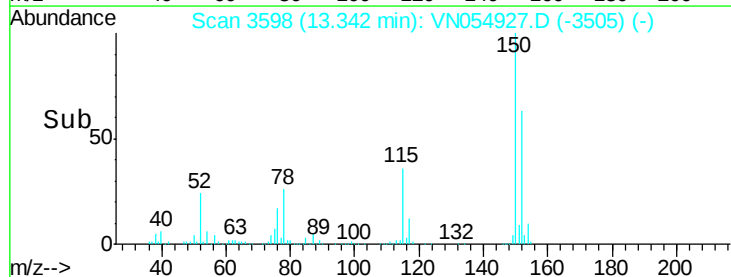
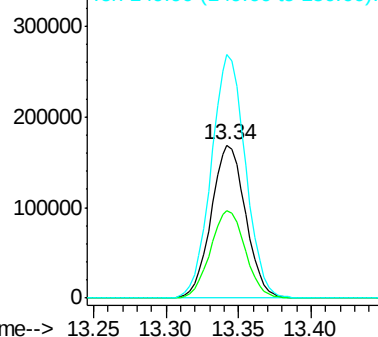


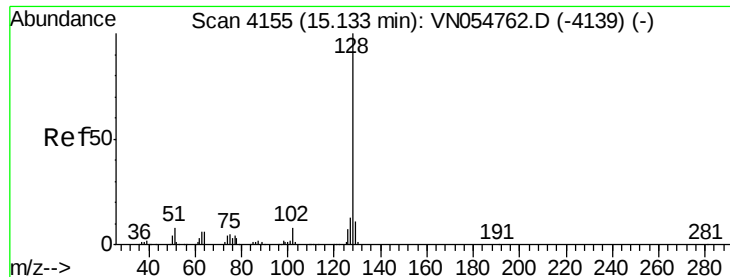
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN054927.D
Acq: 3 Apr 2019 15:34

Tgt Ion:152 Resp: 278216
Ion Ratio Lower Upper
152 100
115 57.8 27.2 81.6
150 158.6 0.0 349.2



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: 1.191 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN054927.D

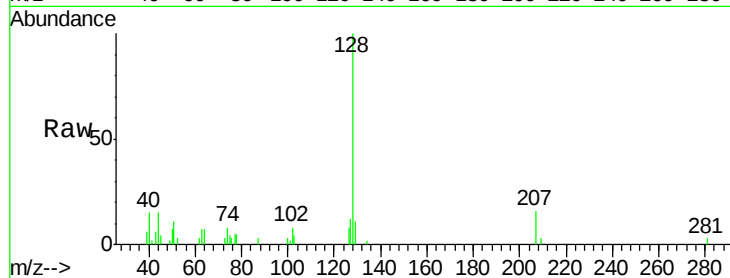
Acq: 3 Apr 2019 15:34

Instrument :

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ClientSampleId :

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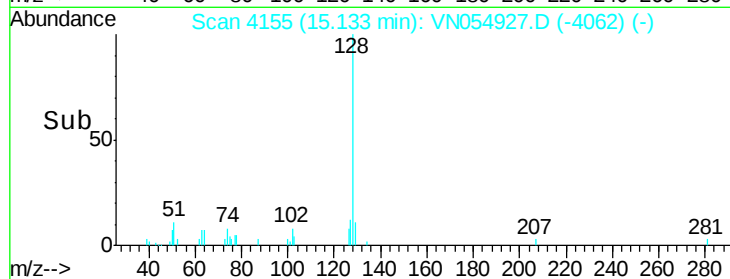
Tot Ion:128 Resp: 11945

Ion Ratio Lower Upper

128 100

127 12.6 10.1 15.1

129 11.9 8.7 13.1



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

