

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN040219\
 Data File : VN054901.D
 Acq On : 2 Apr 2019 14:58
 Operator : JC/SP
 Sample : K2213-16
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 S10A(6)

Quant Time: Apr 03 05:57:45 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

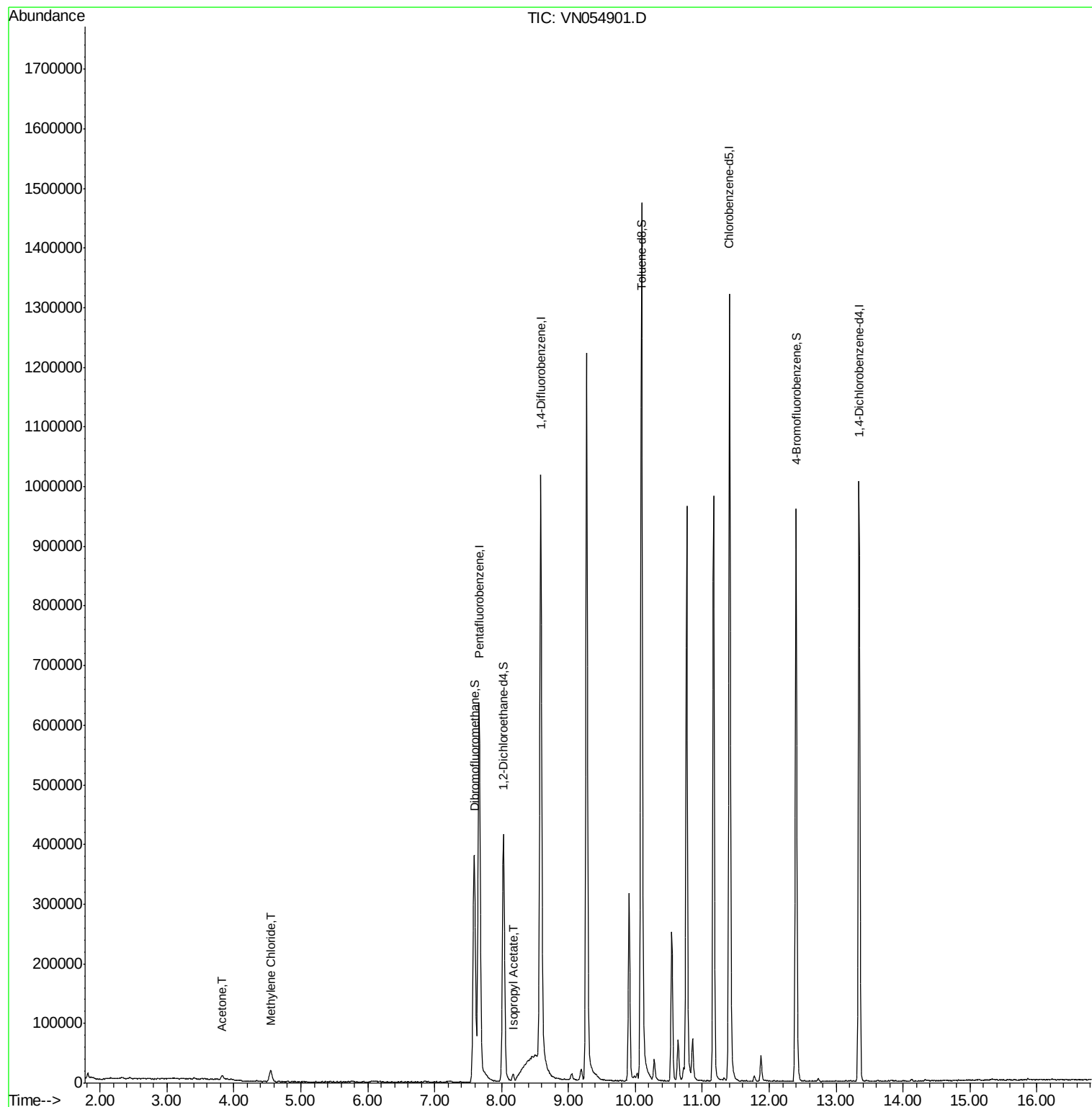
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	536892	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	912398	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	776327	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	270507	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	356179	49.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.42%	
35) Dibromofluoromethane	7.59	113	289705	47.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.26%	
50) Toluene-d8	10.09	98	1084809	47.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.94%	
62) 4-Bromofluorobenzene	12.40	95	328938	43.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.48%	
Target Compounds						
16) Acetone	3.82	43	10782	6.247	ug/l #	84
20) Methylene Chloride	4.55	84	12160	1.997	ug/l	86
43) Isopropyl Acetate	8.17	43	15053	1.486	ug/l #	90

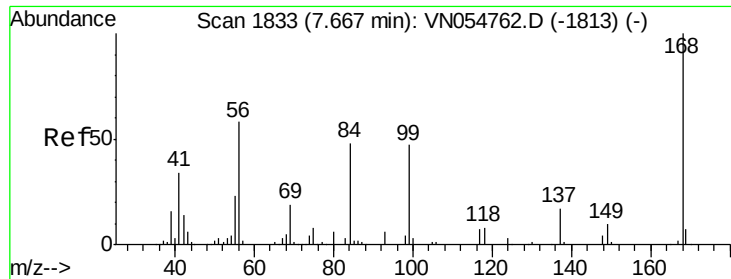
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN054901.D

Acq: 2 Apr 2019 14:58

Instrument :

MSVOA_N

ClientSampleId :

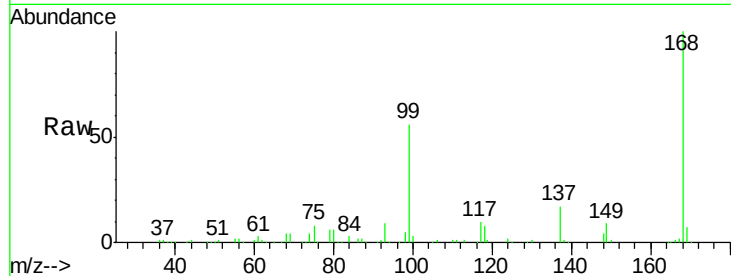
S10A(6)

Tot Ion:168 Resp: 536892

Ion Ratio Lower Upper

168 100

99 55.6 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): VN054901.D (-1740) (-)

Ion 98.90 (98.60 to 99.60): VN054901.D (-1740) (-)

7.67

250000

200000

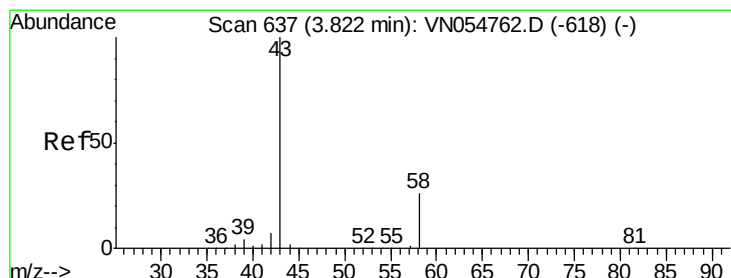
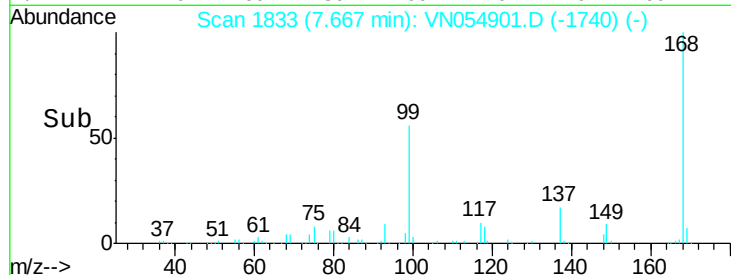
150000

100000

50000

0

Time--> 7.55 7.60 7.65 7.70 7.75



#16

Acetone

Concen: 6.247 ug/l

RT: 3.82 min Scan# 637

Delta R.T. -0.00 min

Lab File: VN054901.D

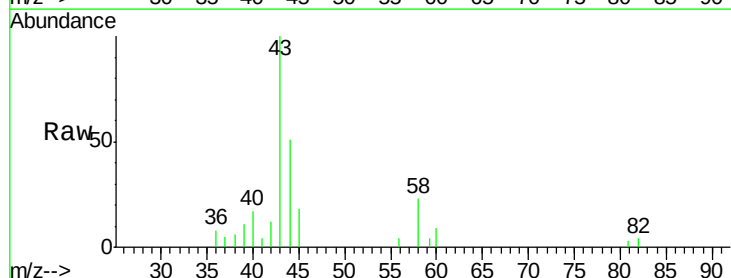
Acq: 2 Apr 2019 14:58

Tgt Ion: 43 Resp: 10782

Ion Ratio Lower Upper

43 100

58 27.7 29.9 44.9#



Abundance Ion 43.00 (42.70 to 43.70): VN054901.D (-544) (-)

Ion 58.00 (57.70 to 58.70): VN054901.D (-544) (-)

3.82

5000

4000

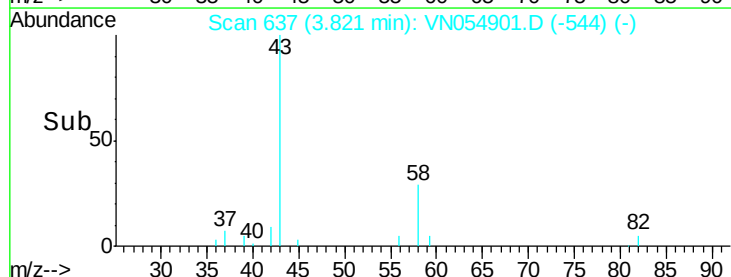
3000

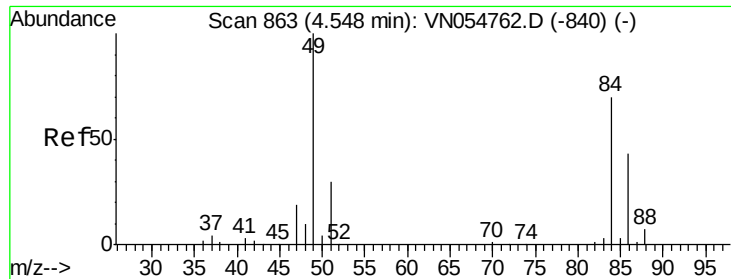
2000

1000

0

Time--> 3.75 3.80 3.85 3.90

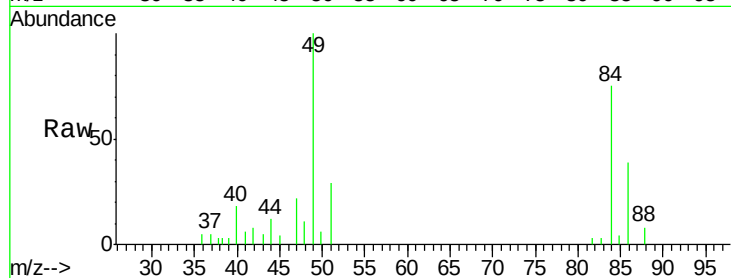




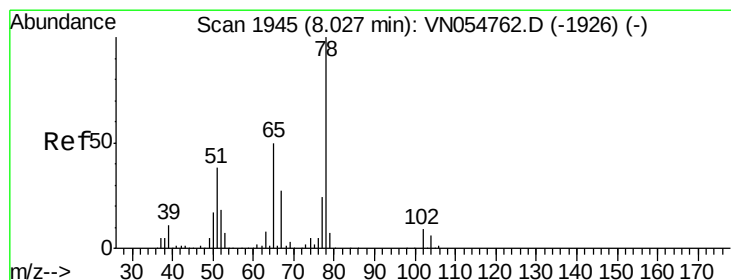
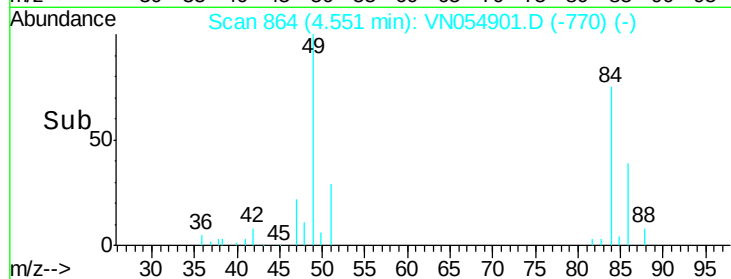
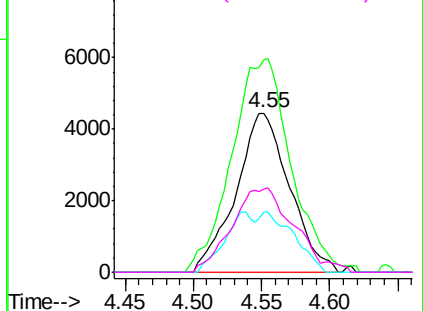
#20
Methylene Chloride
Concen: 1.997 ug/l
RT: 4.55 min Scan# 864
Delta R.T. 0.00 min
Lab File: VN054901.D
Acq: 2 Apr 2019 14:58

Instrument :
MSVOA_N
ClientSampled :
S10A(6)

Tot Ion: 84 Resp: 12160
Ion Ratio Lower Upper
84 100
49 129.9 89.7 134.5
51 38.3 28.2 42.4
86 52.4 50.8 76.2

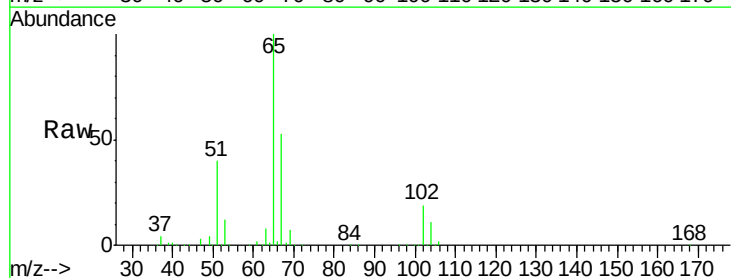


Abundance Ion 83.90 (83.60 to 84.60): VN0
Ion 48.90 (48.60 to 49.60): VN0
Ion 50.90 (50.60 to 51.60): VN0
Ion 85.90 (85.60 to 86.60): VN0

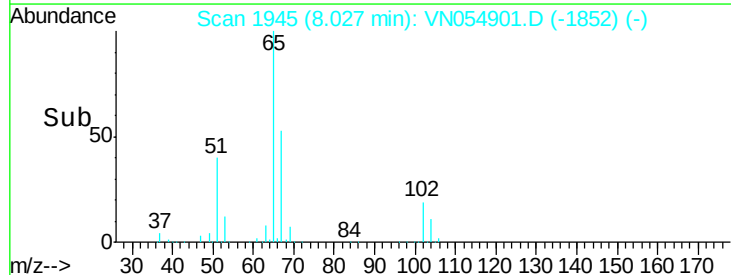
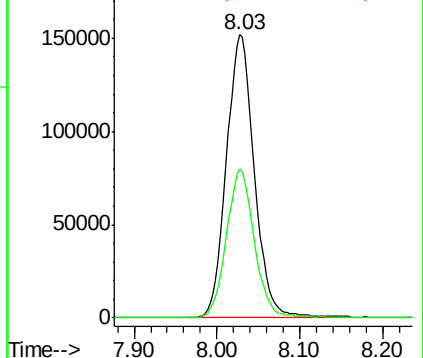


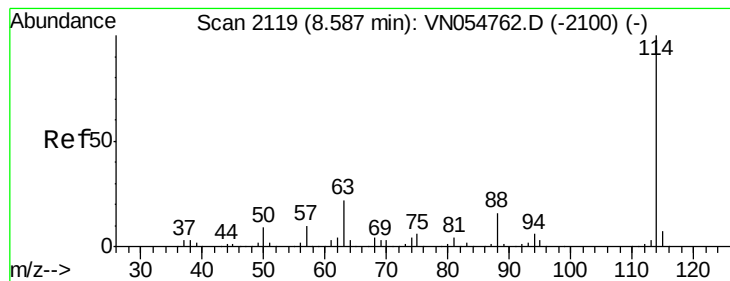
#33
1,2-Dichloroethane-d4
Concen: 49.213 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN054901.D
Acq: 2 Apr 2019 14:58

Tgt Ion: 65 Resp: 356179
Ion Ratio Lower Upper
65 100
67 52.4 0.0 104.6



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: 8.59 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VN054901.D

Acq: 2 Apr 2019 14:58

Instrument :

MSVOA_N

ClientSampled :

S10A(6)

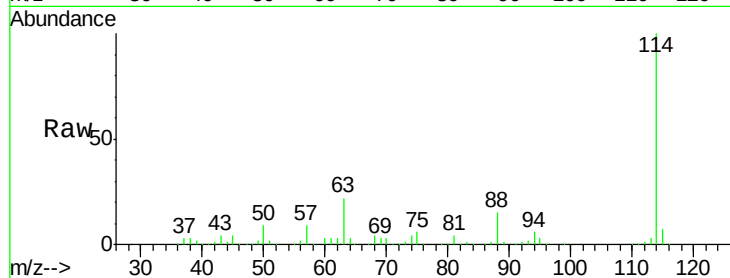
Tot Ion:114 Resp: 912398

Ion Ratio Lower Upper

114 100

63 21.6 0.0 35.2

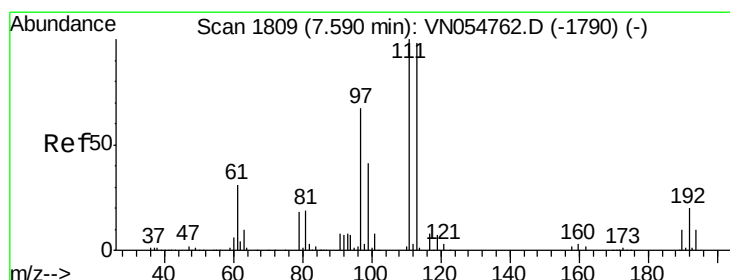
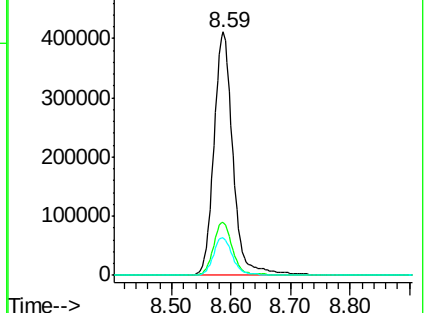
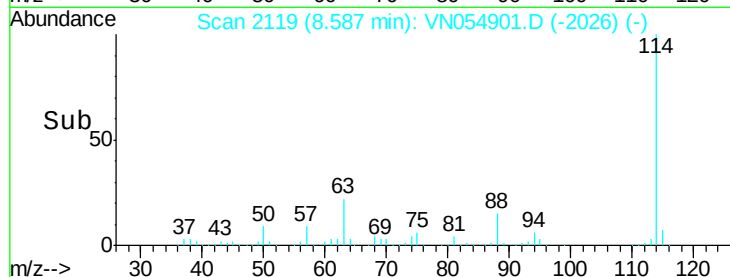
88 15.4 0.0 30.2



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: 47.626 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. -0.00 min

Lab File: VN054901.D

Acq: 2 Apr 2019 14:58

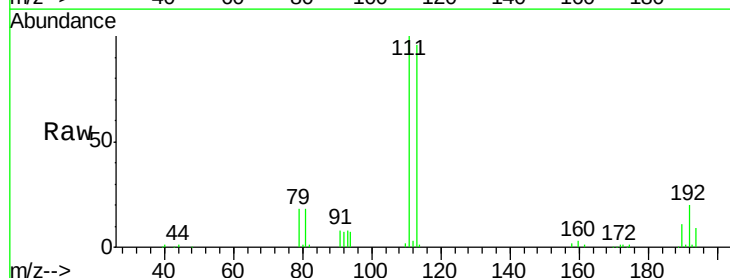
Tgt Ion:113 Resp: 289705

Ion Ratio Lower Upper

113 100

111 102.3 82.2 123.4

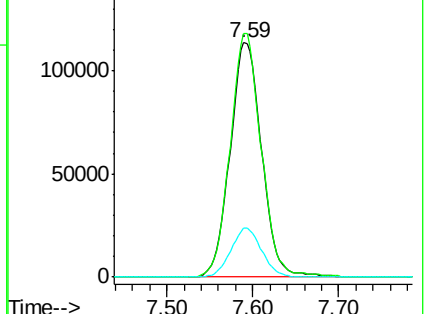
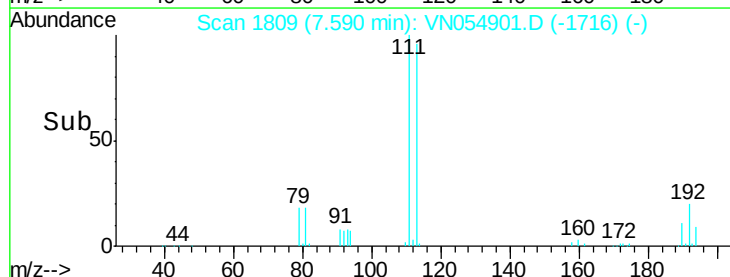
192 20.3 19.2 28.8

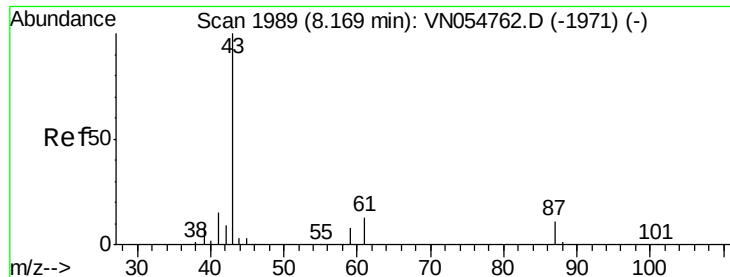


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 1.486 ug/l

RT: 8.17 min Scan# 1991

Delta R.T. 0.01 min

Lab File: VN054901.D

Acq: 2 Apr 2019 14:58

Instrument :

MSVOA_N

ClientSampleId :

S10A(6)

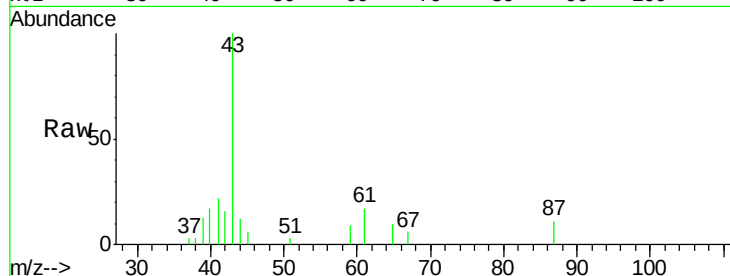
Tot Ion: 43 Resp: 15053

Ion Ratio Lower Upper

43 100

61 15.6 15.8 23.8#

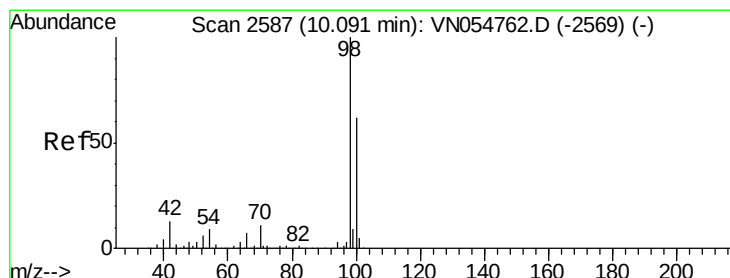
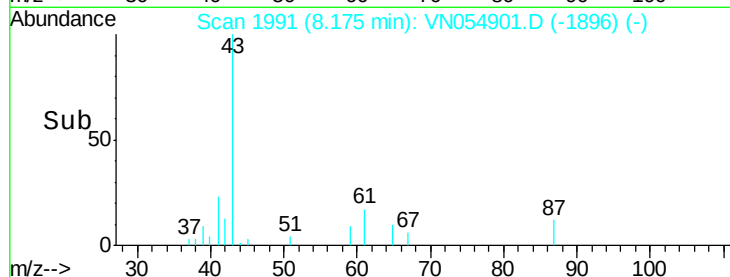
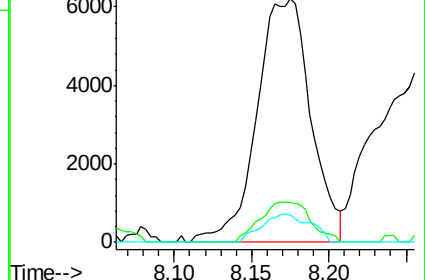
87 10.5 12.0 18.0#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#50

Toluene-d8

Concen: 47.969 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN054901.D

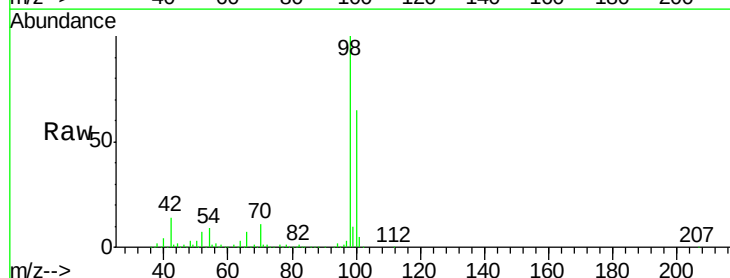
Acq: 2 Apr 2019 14:58

Tgt Ion: 98 Resp: 1084809

Ion Ratio Lower Upper

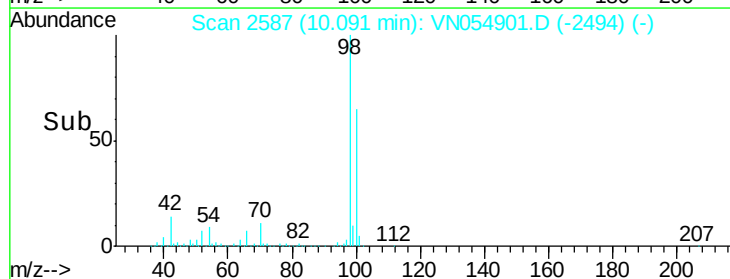
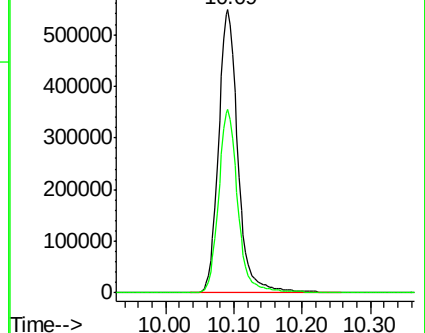
98 100

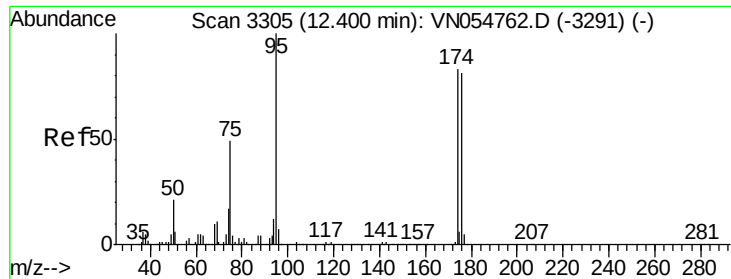
100 64.1 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0

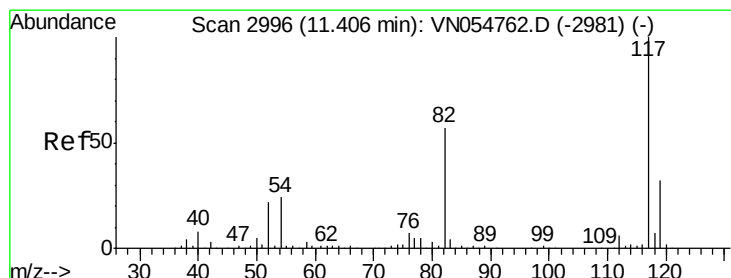
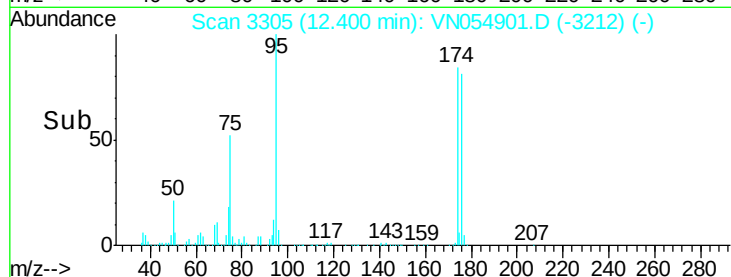
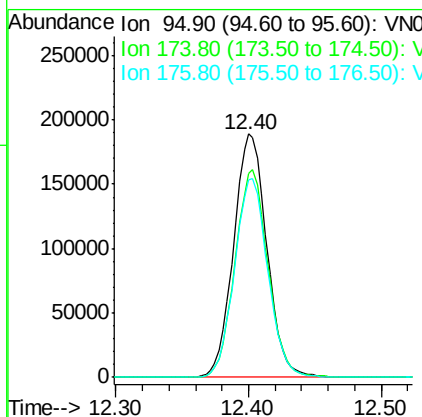
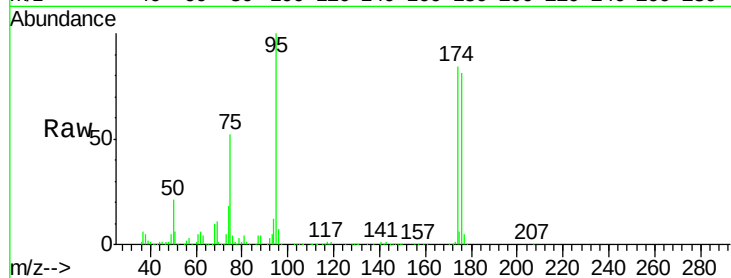




#62
4-Bromofluorobenzene
Concen: 43.735 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN054901.D
Acq: 2 Apr 2019 14:58

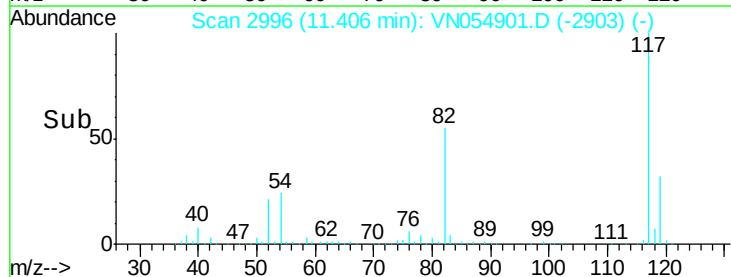
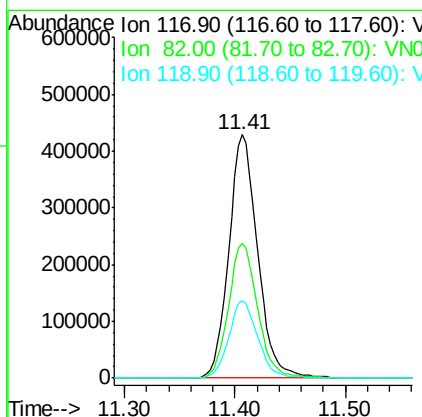
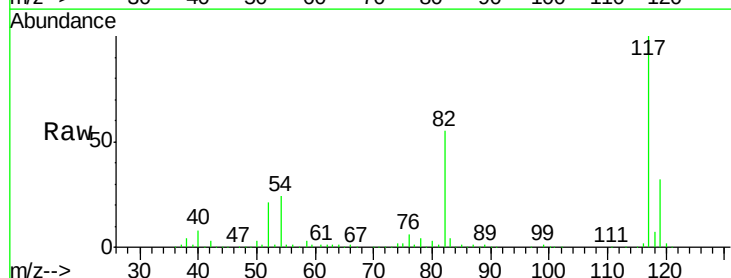
Instrument :
MSVOA_N
ClientSampleId :
S10A(6)

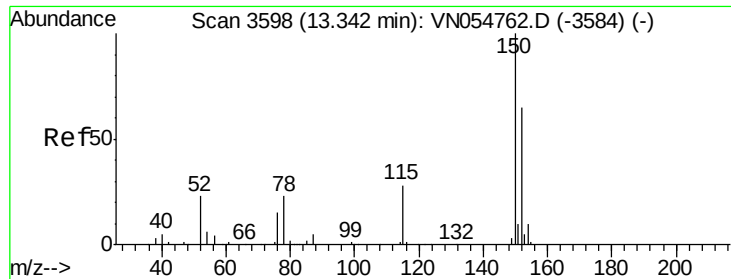
Tot Ion: 95 Resp: 328938
Ion Ratio Lower Upper
95 100
174 85.0 0.0 191.0
176 82.0 0.0 187.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN054901.D
Acq: 2 Apr 2019 14:58

Tgt Ion: 117 Resp: 776327
Ion Ratio Lower Upper
117 100
82 55.3 40.0 60.0
119 31.9 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN054901.D

Acq: 2 Apr 2019 14:58

Instrument :

MSVOA_N

ClientSampleId :

S10A(6)

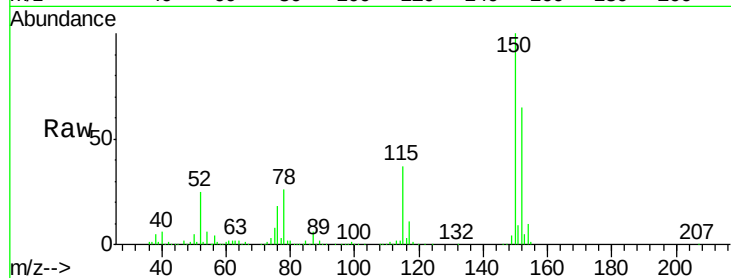
Tot Ion:152 Resp: 270507

Ion Ratio Lower Upper

152 100

115 57.5 27.2 81.6

150 155.1 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

