

Data File : VN055402.D
Acq On : 3 May 2019 20:23
Operator : JC/SP
Sample : K2642-02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
OK-02-050219

Quant Time: May 04 01:33:23 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042919W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 30 07:16:52 2019
Response via : Initial Calibration

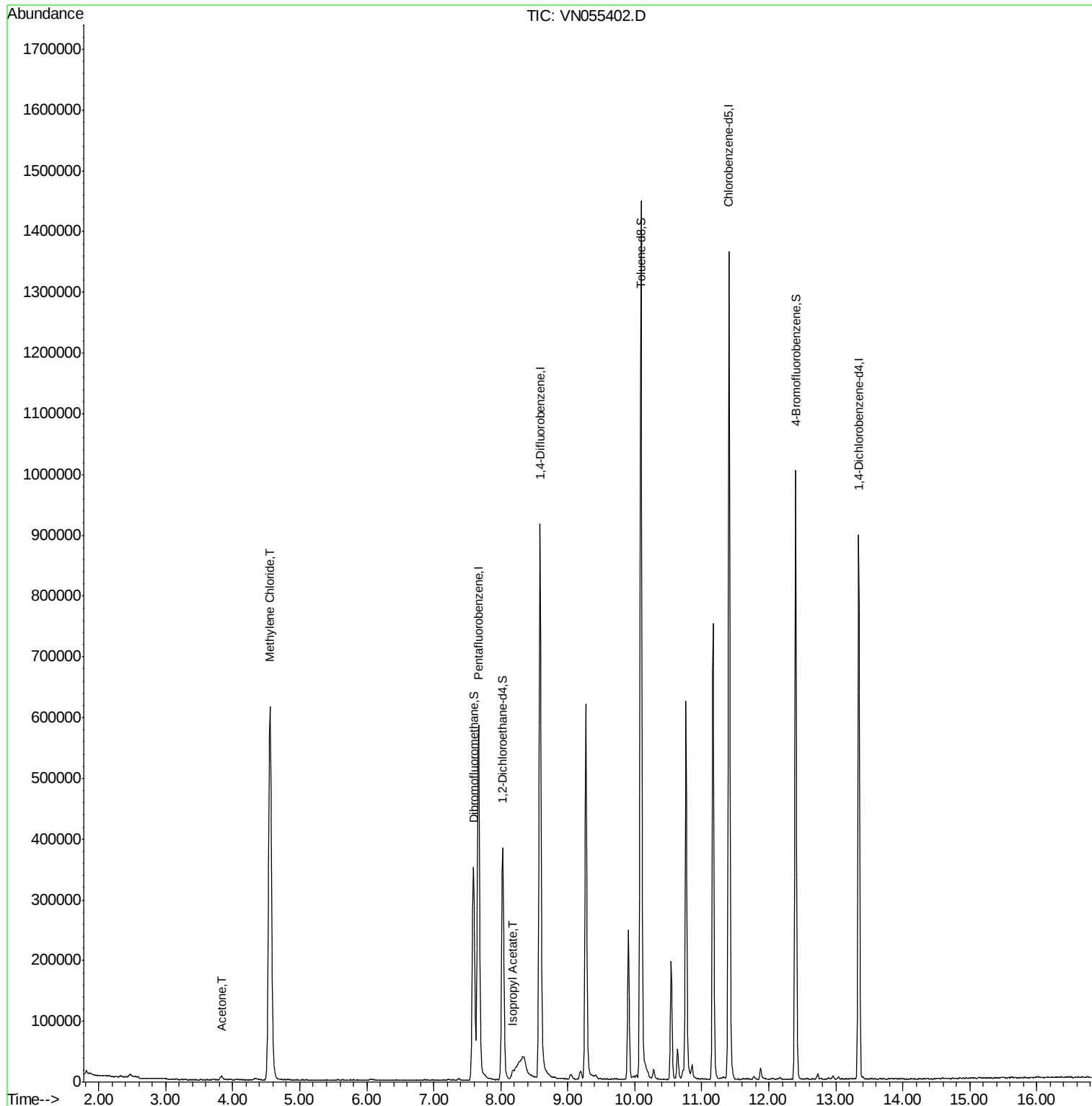
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	488573	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	835146	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	777456	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	240248	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	333828	52.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.46%	
35) Dibromofluoromethane	7.59	113	271032	49.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.88%	
50) Toluene-d8	10.09	98	1045536	52.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.64%	
62) 4-Bromofluorobenzene	12.40	95	341670	55.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.46%	
Target Compounds						
16) Acetone	3.83	43	11047	5.547	ug/l	99
20) Methylene Chloride	4.55	84	439950	72.374	ug/l	98
43) Isopropyl Acetate	8.17	43	16952	1.721	ug/l #	76

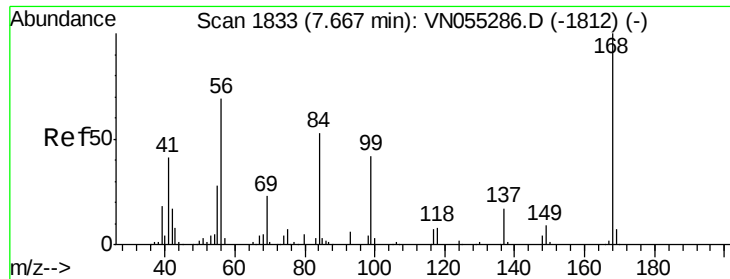
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN055402.D

Acq: 3 May 2019 20:23

Instrument :

MSVOA_N

ClientSampleId :

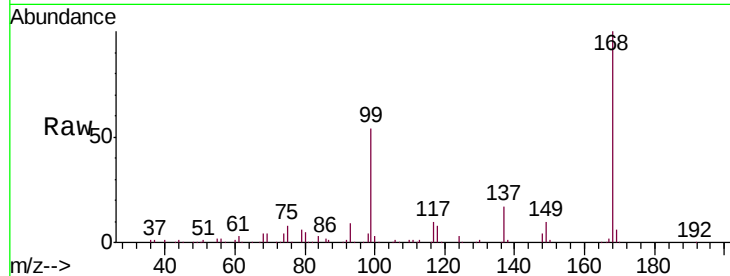
OK-02-050219

Tgt Ion:168 Resp: 488573

Ion Ratio Lower Upper

168 100

99 54.2 43.6 65.4



Abundance Ion 167.90 (167.60 to 168.60): VN055402.D (-1740) (-)

Ion 98.90 (98.60 to 99.60): VN055402.D (-1740) (-)

7.67

200000

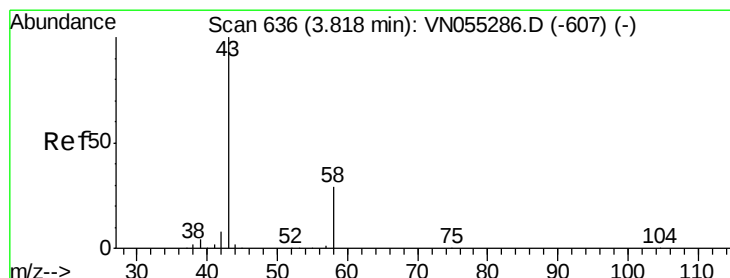
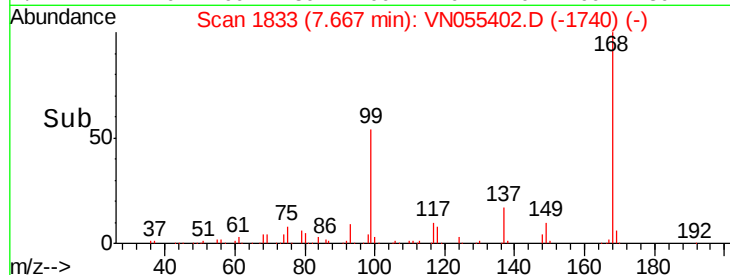
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 5.547 ug/l

RT: 3.83 min Scan# 640

Delta R.T. 0.01 min

Lab File: VN055402.D

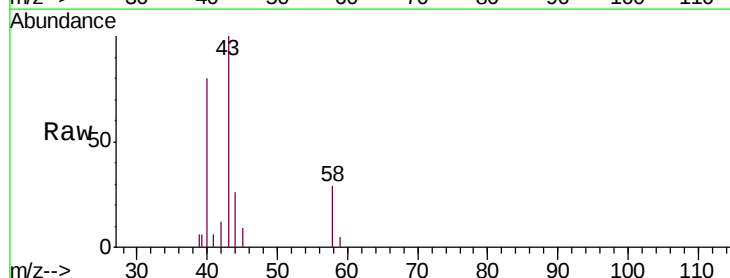
Acq: 3 May 2019 20:23

Tgt Ion: 43 Resp: 11047

Ion Ratio Lower Upper

43 100

58 28.8 23.6 35.4



Abundance Ion 43.00 (42.70 to 43.70): VN055402.D (-543) (-)

Ion 58.00 (57.70 to 58.70): VN055402.D (-543) (-)

3.83

4000

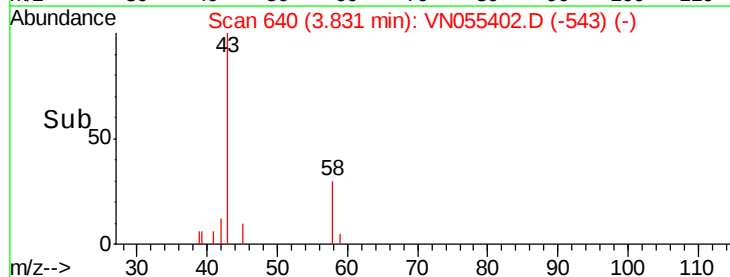
3000

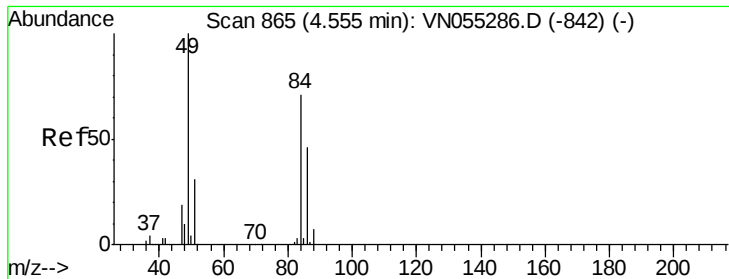
2000

1000

0

Time-->





#20

Methylene Chloride

Concen: 72.374 ug/l

RT: 4.55 min Scan# 865

Delta R.T. 0.00 min

Lab File: VN055402.D

Acq: 3 May 2019 20:23

Instrument :

MSVOA_N

ClientSampleId :

OK-02-050219

Tgt Ion: 84 Resp: 439950

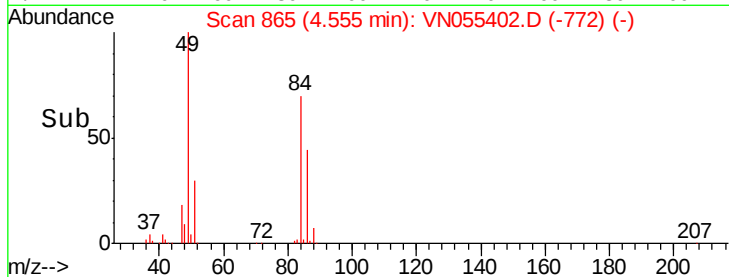
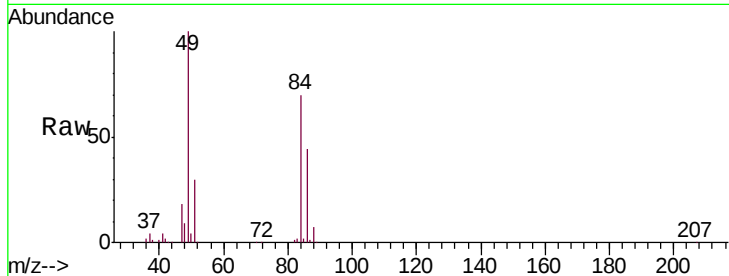
Ion Ratio Lower Upper

84 100

49 142.6 112.4 168.6

51 43.3 34.6 51.8

86 62.1 51.9 77.9

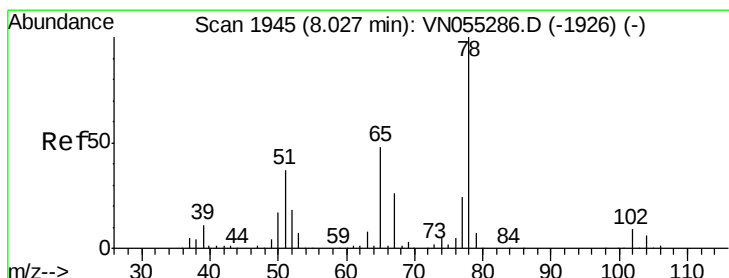
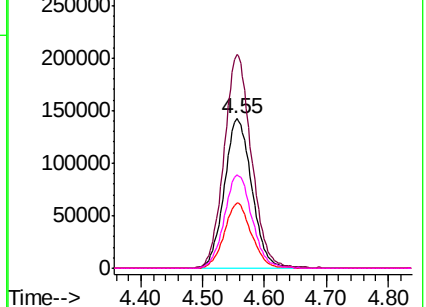


Abundance Ion 83.90 (83.60 to 84.60): VN0

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: 52.229 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN055402.D

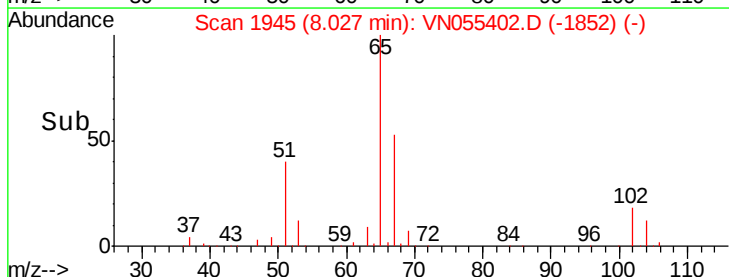
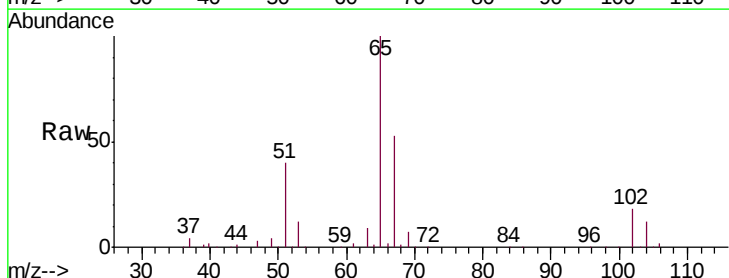
Acq: 3 May 2019 20:23

Tgt Ion: 65 Resp: 333828

Ion Ratio Lower Upper

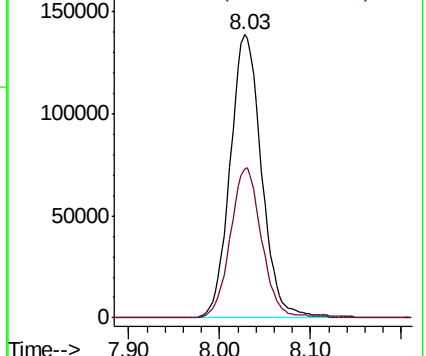
65 100

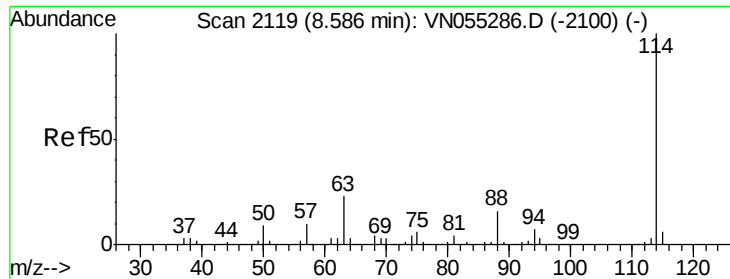
67 52.8 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

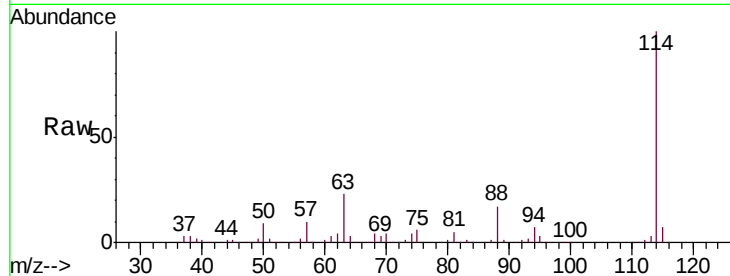




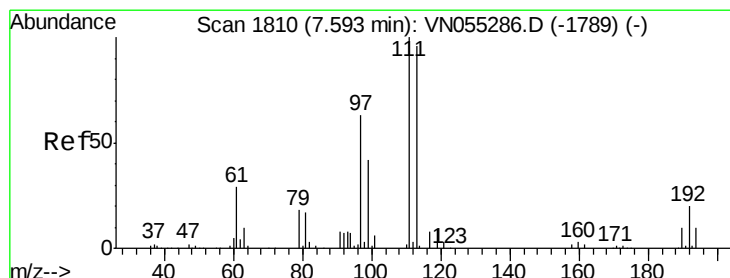
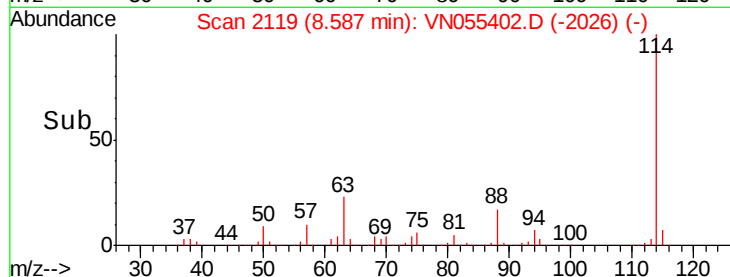
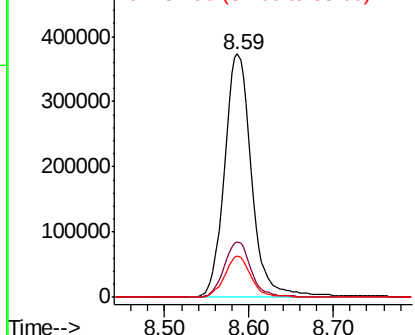
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN055402.D
 Acq: 3 May 2019 20:23

Instrument :
 MSVOA_N
 ClientSampleId :
 OK-02-050219

Tgt Ion:114 Resp: 835146
 Ion Ratio Lower Upper
 114 100
 63 22.9 0.0 45.2
 88 16.9 0.0 31.6

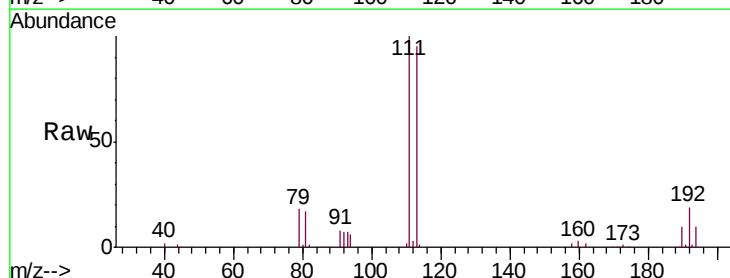


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

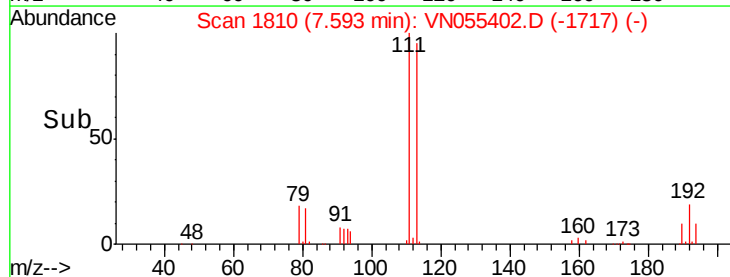
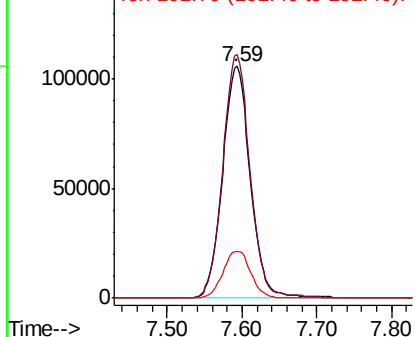


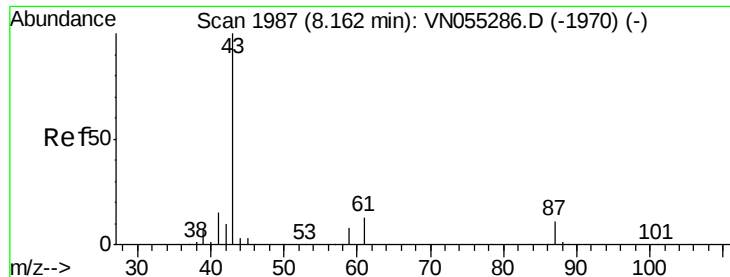
#35
 Dibromofluoromethane
 Concen: 49.444 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN055402.D
 Acq: 3 May 2019 20:23

Tgt Ion:113 Resp: 271032
 Ion Ratio Lower Upper
 113 100
 111 102.9 82.3 123.5
 192 20.4 17.0 25.6



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: 1.721 ug/l

RT: 8.17 min Scan# 1990

Delta R.T. 0.01 min

Lab File: VN055402.D

Acq: 3 May 2019 20:23

Instrument :

MSVOA_N

ClientSampleId :

OK-02-050219

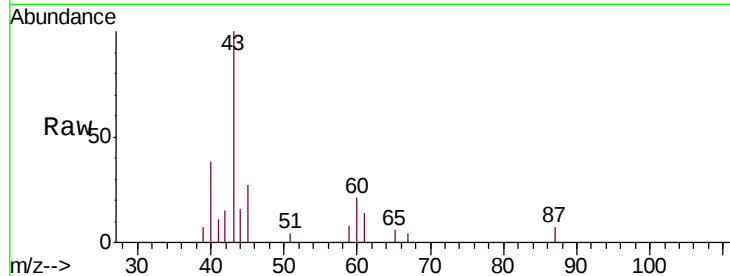
Tgt Ion: 43 Resp: 16952

Ion Ratio Lower Upper

43 100

61 12.9 20.8 31.2#

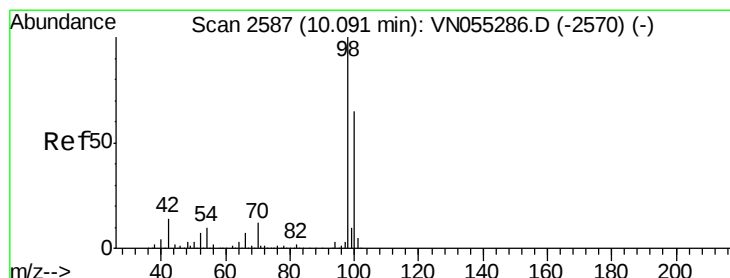
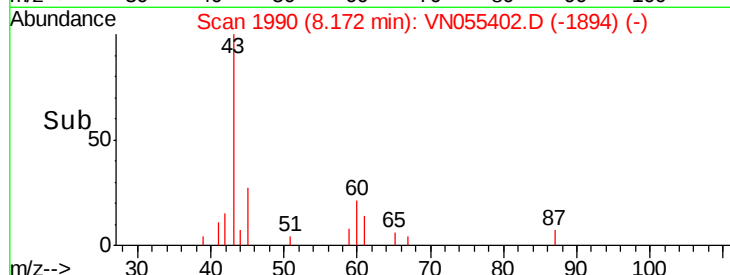
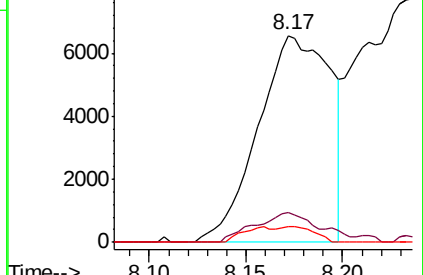
87 3.4 8.5 12.7#



Abundance Ion 43.00 (42.70 to 43.70): VN055402.D (-1894) (-)

Ion 61.00 (60.70 to 61.70): VN055402.D (-1894) (-)

Ion 87.00 (86.70 to 87.70): VN055402.D (-1894) (-)



#50

Toluene-d8

Concen: 52.822 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055402.D

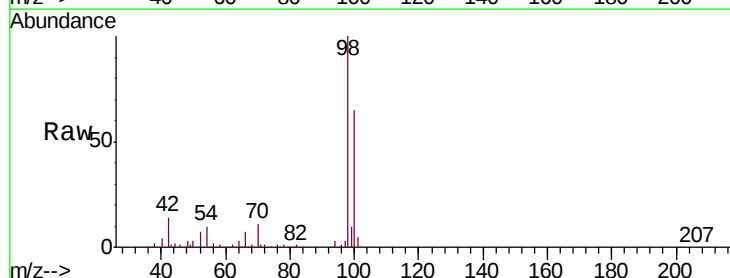
Acq: 3 May 2019 20:23

Tgt Ion: 98 Resp: 1045536

Ion Ratio Lower Upper

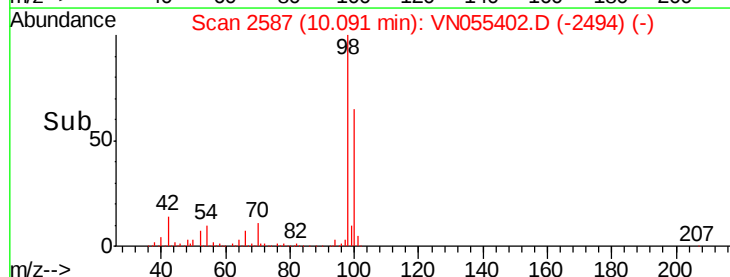
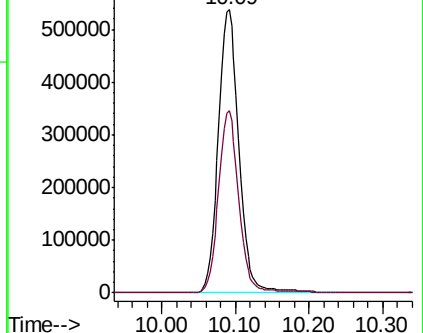
98 100

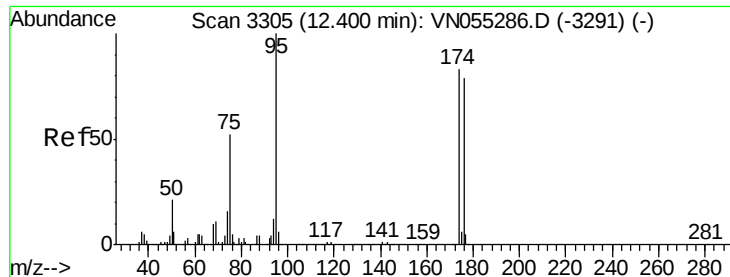
100 63.0 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN055402.D (-2494) (-)

Ion 100.00 (99.70 to 100.70): VN055402.D (-2494) (-)





#62

4-Bromofluorobenzene

Concen: 55.231 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055402.D

Acq: 3 May 2019 20:23

Instrument :

MSVOA_N

ClientSampleId :

OK-02-050219

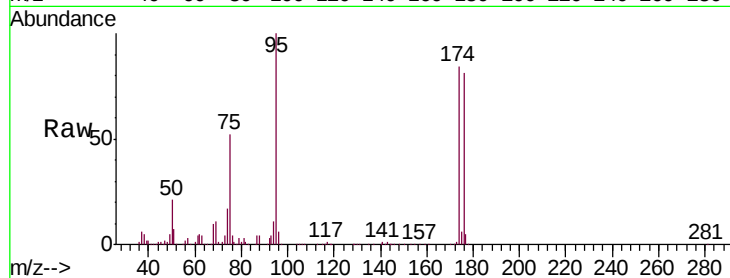
Tgt Ion: 95 Resp: 341670

Ion Ratio Lower Upper

95 100

174 84.3 0.0 166.6

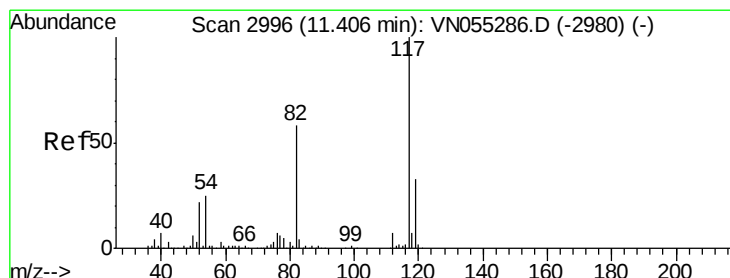
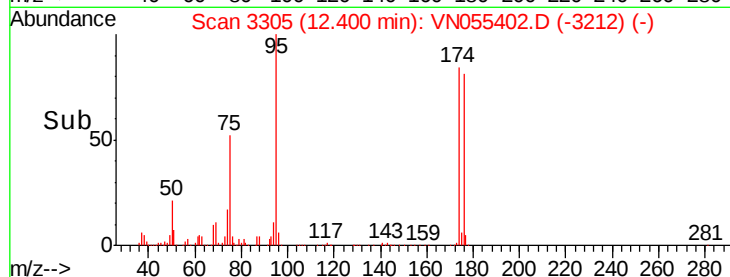
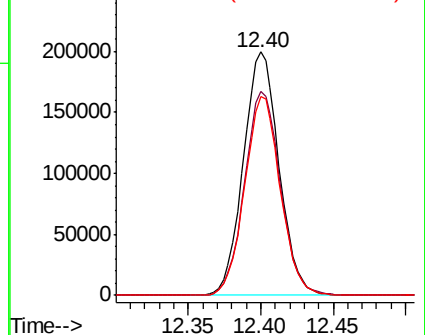
176 81.6 0.0 157.8



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: VN055402.D

Acq: 3 May 2019 20:23

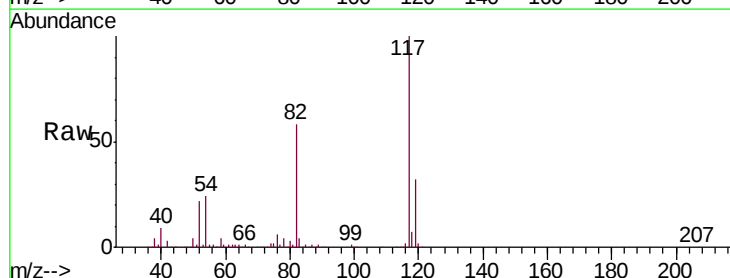
Tgt Ion: 117 Resp: 777456

Ion Ratio Lower Upper

117 100

82 57.7 46.2 69.4

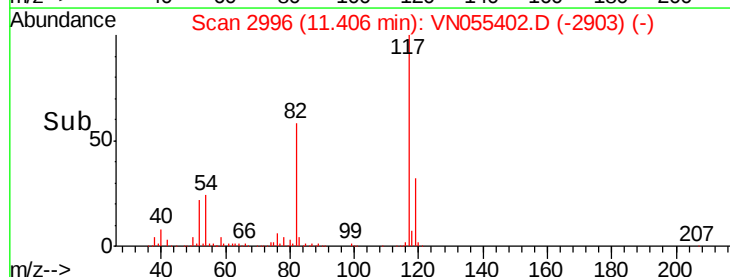
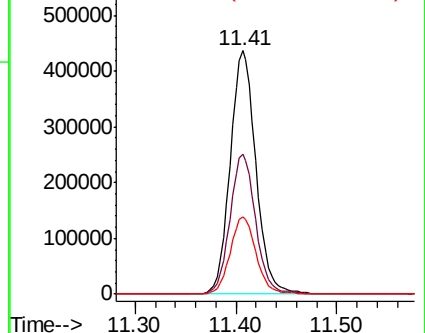
119 31.7 26.6 40.0

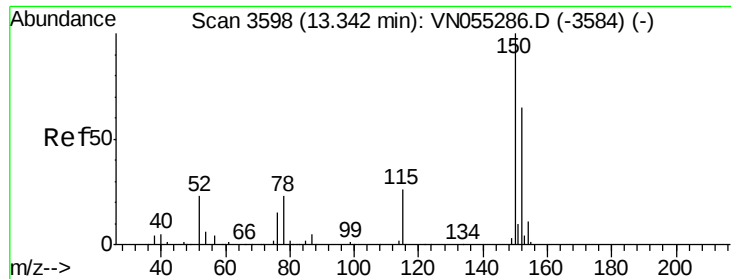


Abundance Ion 116.90 (116.60 to 117.60): VN0

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: 13.34 min Scan# 3598
 Delta R.T. 0.00 min
 Lab File: VN055402.D
 Acq: 3 May 2019 20:23

Instrument :
 MSVOA_N
 ClientSampleId :
 OK-02-050219

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.7	29.0	87.0
150	158.6	0.0	345.6

