

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN010319\
 Data File : VN053266.D
 Acq On : 3 Jan 2019 16:57
 Operator : MD\SY
 Sample : PB116111ZHE#11
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 PB116111ZHE#11

Quant Time: Jan 04 07:44:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121818W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 18 13:03:37 2018
 Response via : Initial Calibration

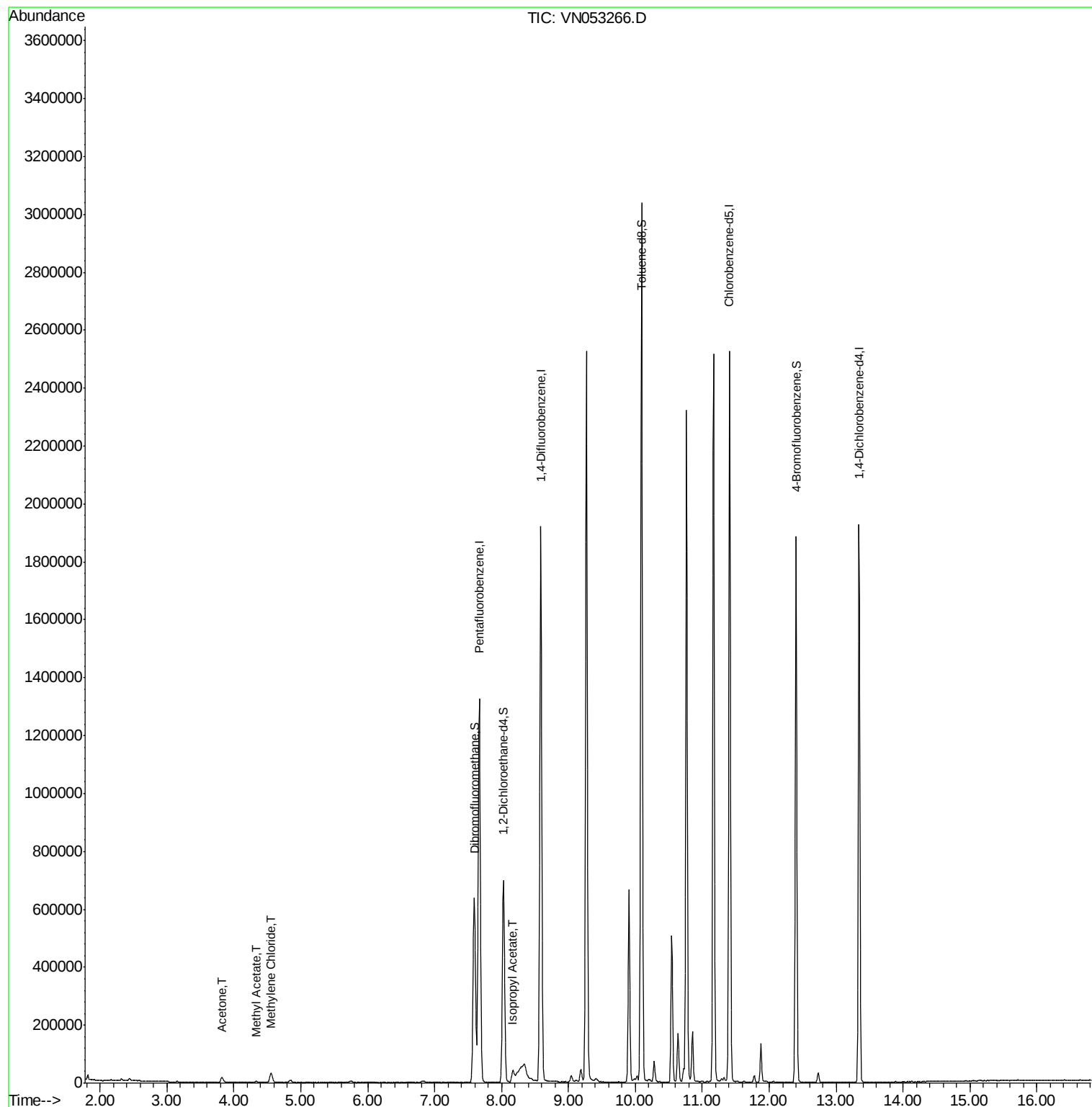
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1162544	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1812155	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1560602	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	538453	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	581486	49.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.58%	
35) Dibromofluoromethane	7.59	113	498748	60.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	120.50%	
50) Toluene-d8	10.09	98	2187332	49.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.44%	
62) 4-Bromofluorobenzene	12.40	95	664127	42.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.14%	
Target Compounds						
16) Acetone	3.82	43	31984	13.827	ug/l	100
18) Methyl Acetate	4.33	43	8681	1.802	ug/l #	90
20) Methylene Chloride	4.55	84	25007	1.982	ug/l	97
43) Isopropyl Acetate	8.17	43	57887	2.080	ug/l #	81

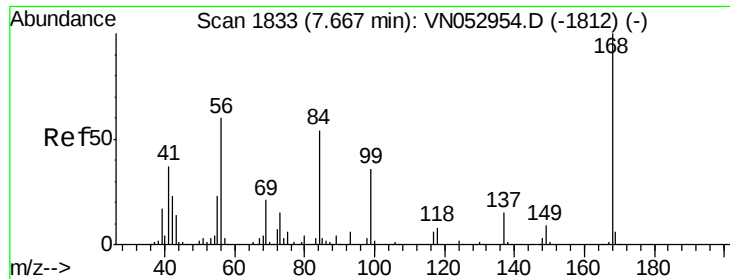
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN010319\
Data File : VN053266.D
Acq On : 3 Jan 2019 16:57
Operator : MD\SY
Sample : PB116111ZHE#11
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 19 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :
PB116111ZHE#11

Quant Time: Jan 04 07:44:46 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N121818W.M
Quant Title : SW846 8260
QLast Update : Tue Dec 18 13:03:37 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN053266.D

Acq: 3 Jan 2019 16:57

Instrument :

MSVOA_N

ClientSampleId :

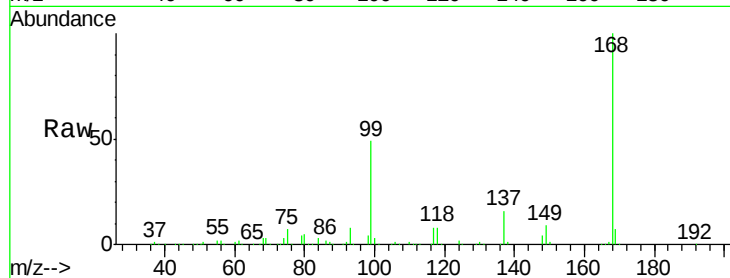
PB116111ZHE#11

Tot Ion:168 Resp: 1162544

Ion Ratio Lower Upper

168 100

99 49.5 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

500000

400000

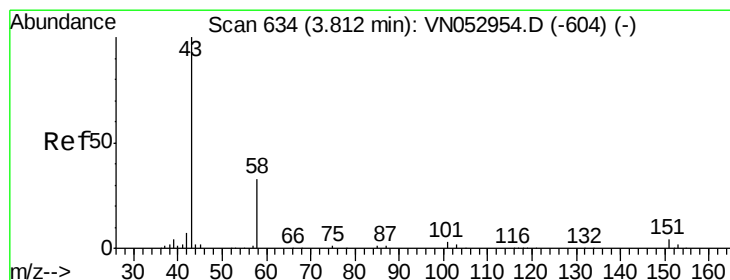
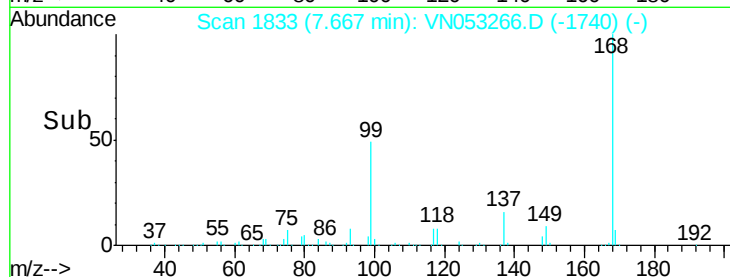
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 13.827 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.01 min

Lab File: VN053266.D

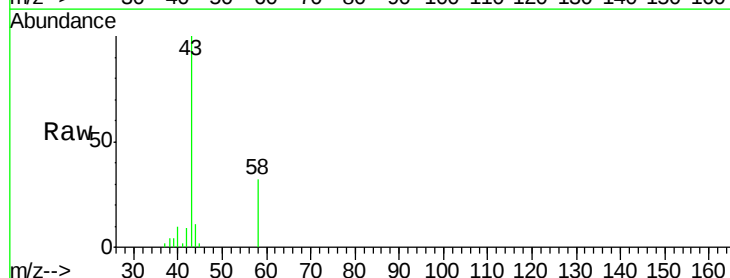
Acq: 3 Jan 2019 16:57

Tgt Ion: 43 Resp: 31984

Ion Ratio Lower Upper

43 100

58 31.8 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

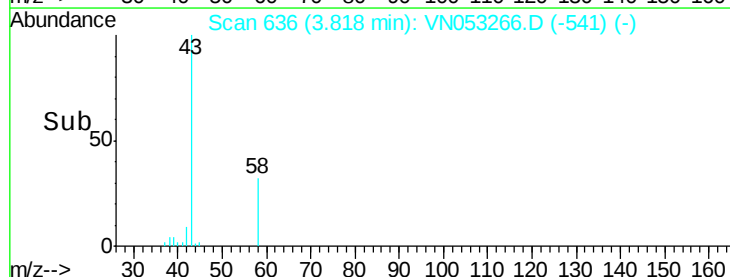
3.82

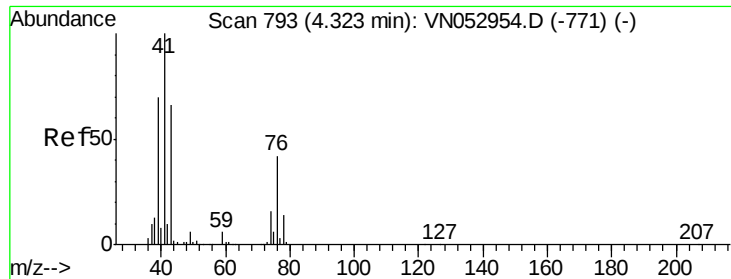
10000

5000

0

Time-->

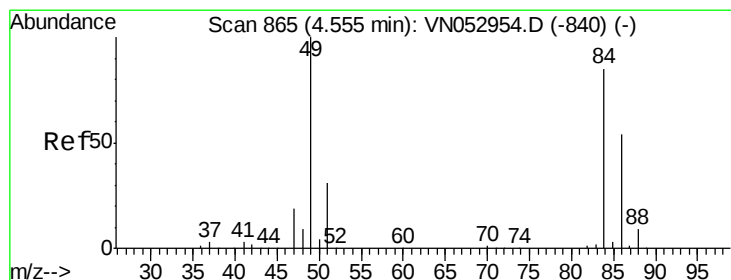
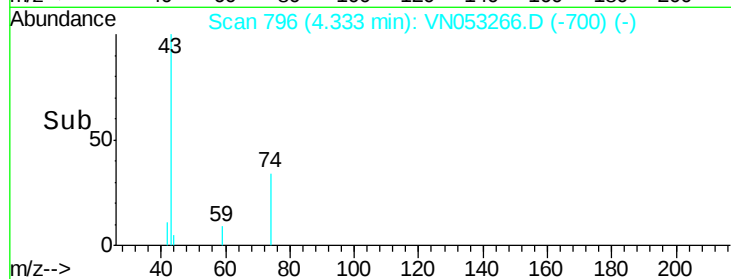
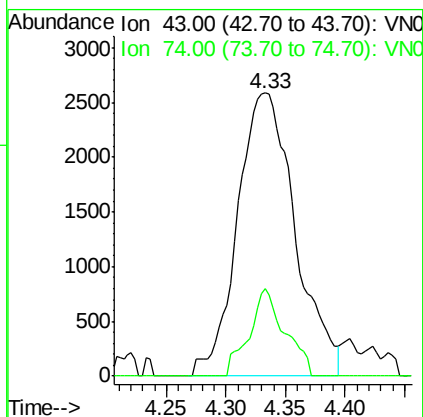
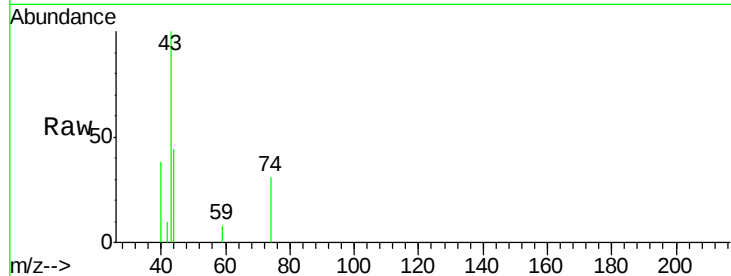




#18
Methyl Acetate
Concen: 1.802 ug/l
RT: 4.33 min Scan# 796
Delta R.T. 0.01 min
Lab File: VN053266.D
Acq: 3 Jan 2019 16:57

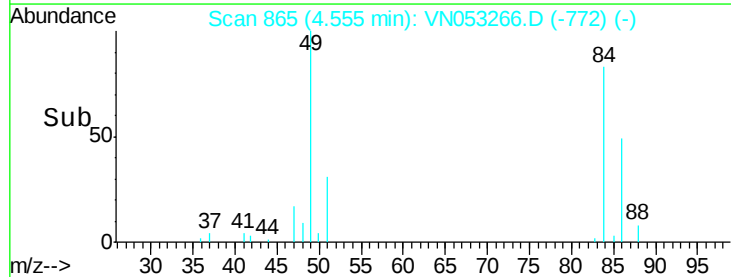
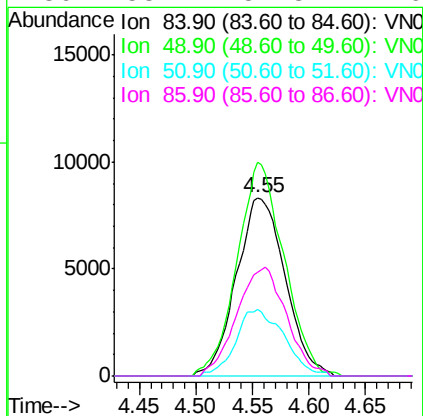
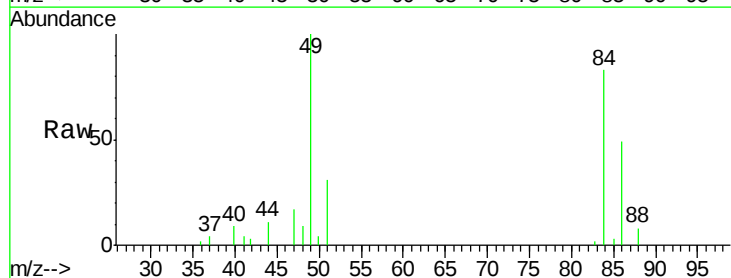
Instrument :
MSVOA_N
ClientSampleId :
PB116111ZHE#11

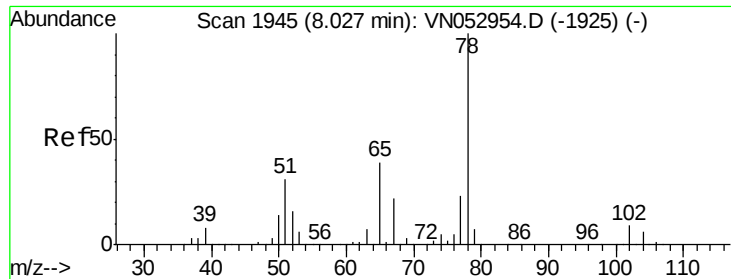
Tot Ion: 43 Resp: 8681
Ion Ratio Lower Upper
43 100
74 19.1 19.2 28.8#



#20
Methylene Chloride
Concen: 1.982 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN053266.D
Acq: 3 Jan 2019 16:57

Tgt Ion: 84 Resp: 25007
Ion Ratio Lower Upper
84 100
49 119.8 96.8 145.2
51 37.3 29.9 44.9
86 58.4 51.8 77.6





#33

1,2-Dichloroethane-d4

Concen: Below ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN053266.D

Acq: 3 Jan 2019 16:57

Instrument :

MSVOA_N

ClientSampleId :

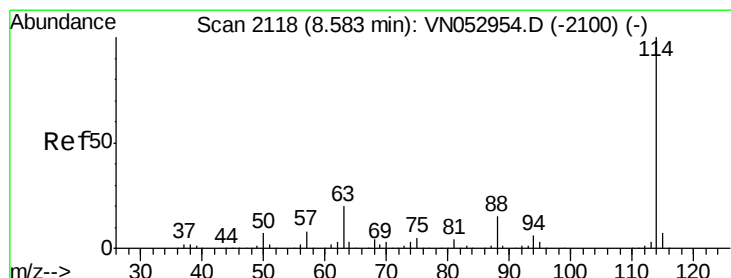
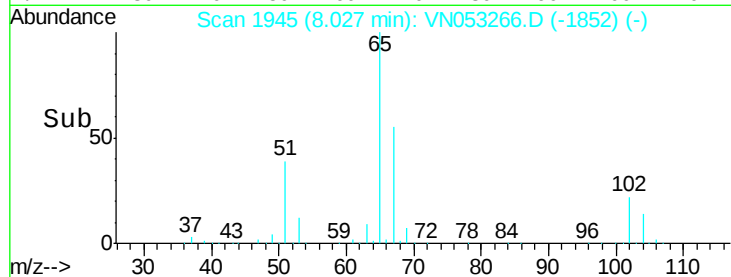
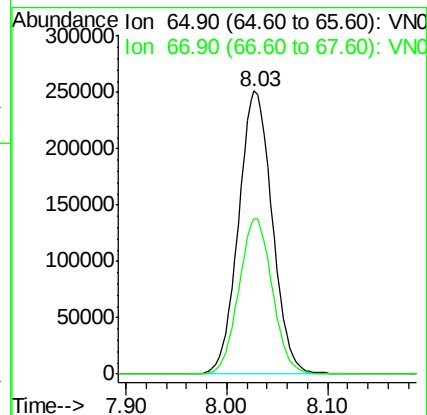
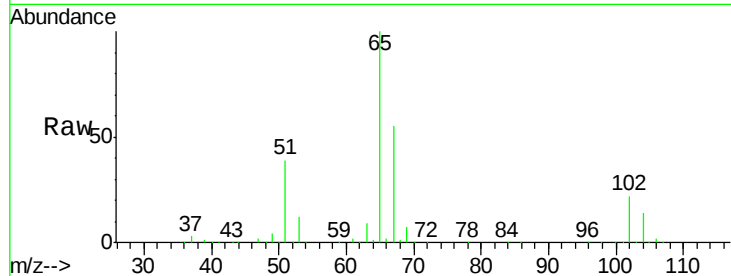
PB116111ZHE#11

Tot Ion: 65 Resp: 581486

Ion Ratio Lower Upper

65 100

67 54.6 0.0 110.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN053266.D

Acq: 3 Jan 2019 16:57

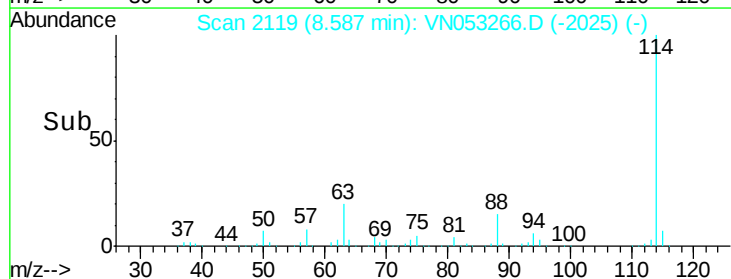
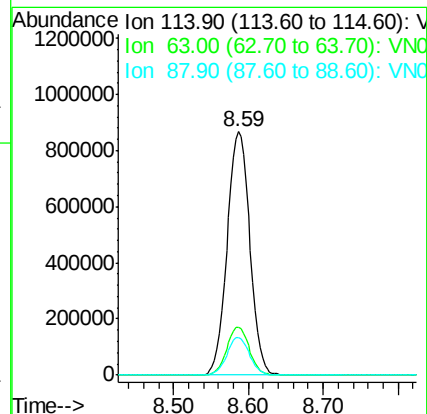
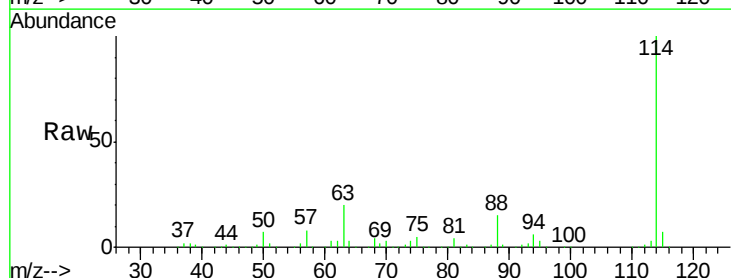
Tgt Ion: 114 Resp: 1812155

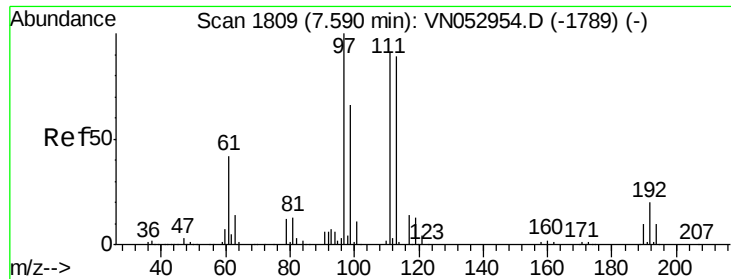
Ion Ratio Lower Upper

114 100

63 19.9 0.0 39.8

88 15.5 0.0 31.0





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN053266.D

Acq: 3 Jan 2019 16:57

Instrument :

MSVOA_N

ClientSampleId :

PB116111ZHE#11

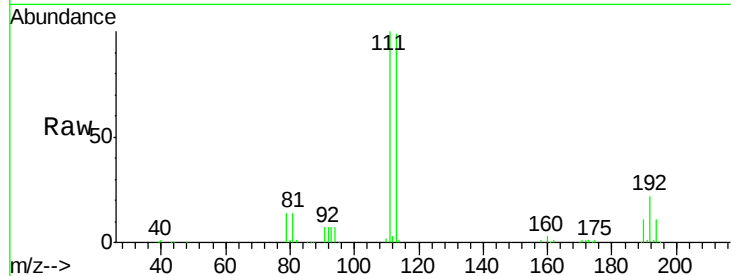
Tot Ion:113 Resp: 498748

Ion Ratio Lower Upper

113 100

111 102.3 83.0 124.4

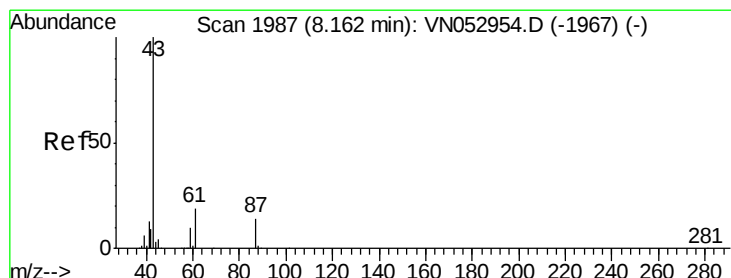
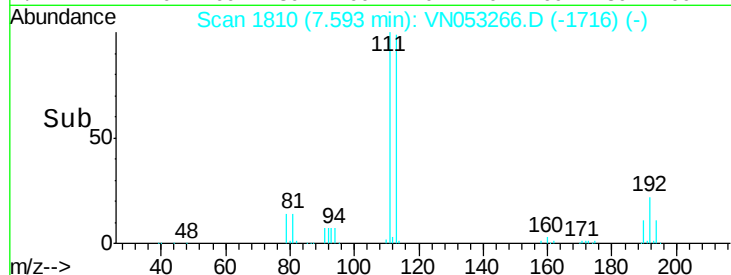
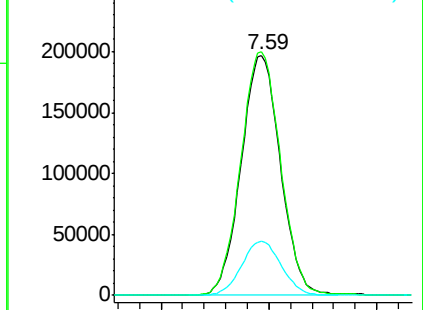
192 22.7 17.5 26.3



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: 2.080 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.01 min

Lab File: VN053266.D

Acq: 3 Jan 2019 16:57

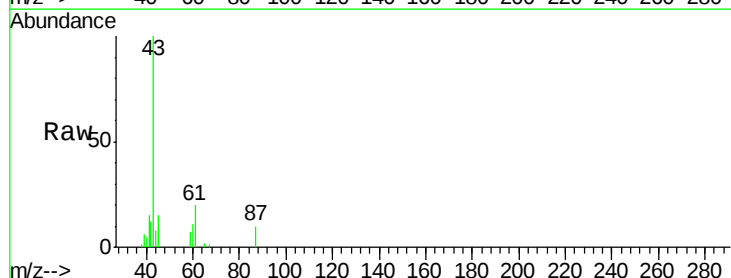
Tgt Ion: 43 Resp: 57887

Ion Ratio Lower Upper

43 100

61 16.6 22.9 34.3#

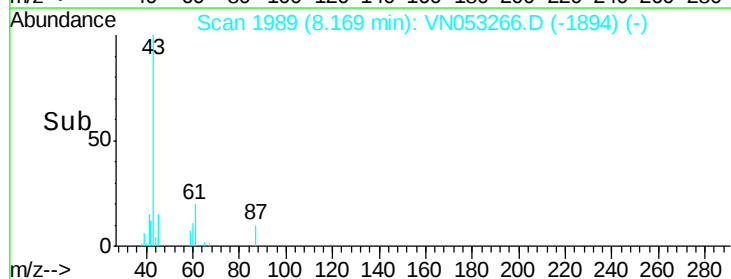
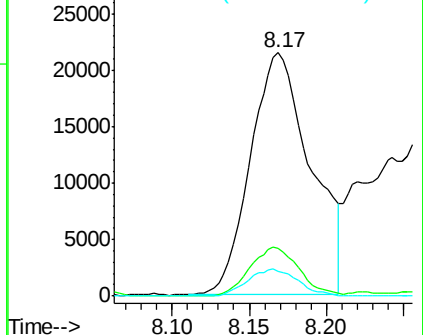
87 9.3 10.6 15.8#

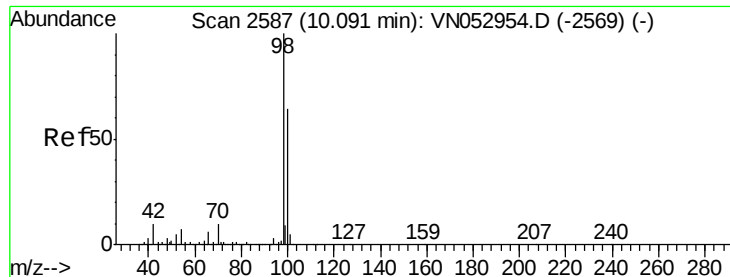


Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 61.00 (60.70 to 61.70): VNO

Ion 87.00 (86.70 to 87.70): VNO





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053266.D

Acq: 3 Jan 2019 16:57

Instrument :

MSVOA_N

ClientSampleId :

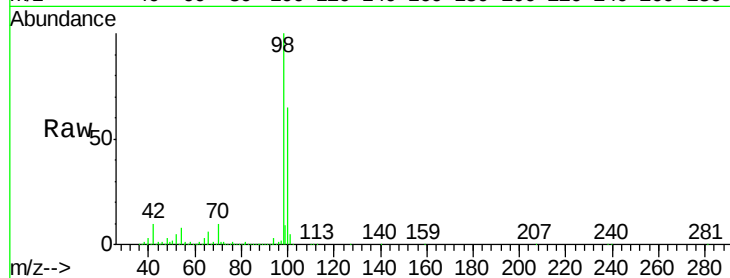
PB116111ZHE#11

Tot Ion: 98 Resp: 2187332

Ion Ratio Lower Upper

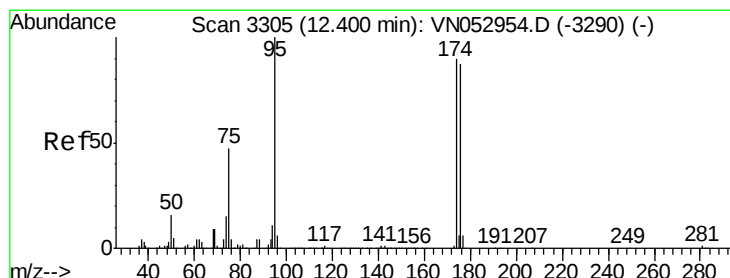
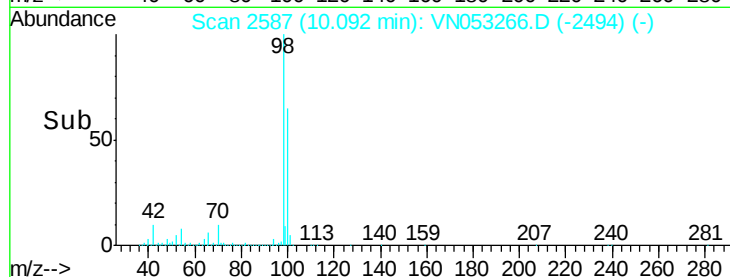
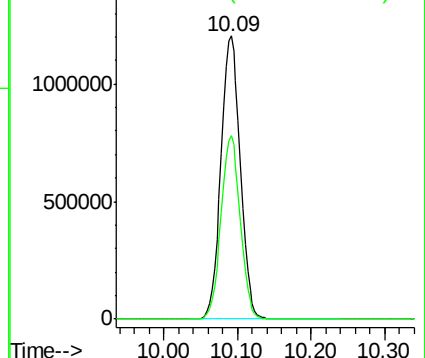
98 100

100 64.3 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VN053266.D (-2494) (-)

Ion 100.00 (99.70 to 100.70): VN053266.D (-2494) (-)



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN053266.D

Acq: 3 Jan 2019 16:57

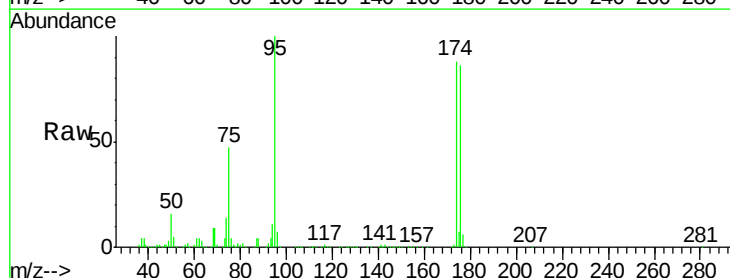
Tgt Ion: 95 Resp: 664127

Ion Ratio Lower Upper

95 100

174 89.5 0.0 178.8

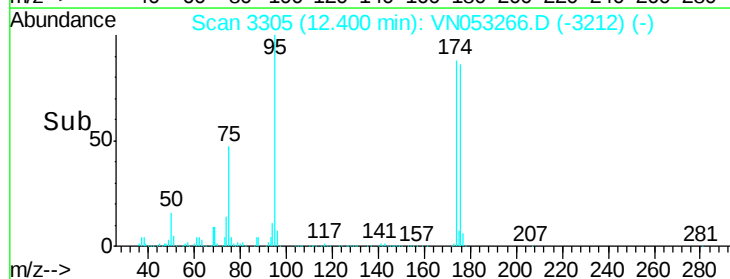
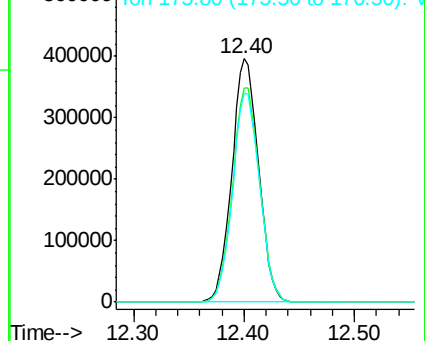
176 86.9 0.0 173.8

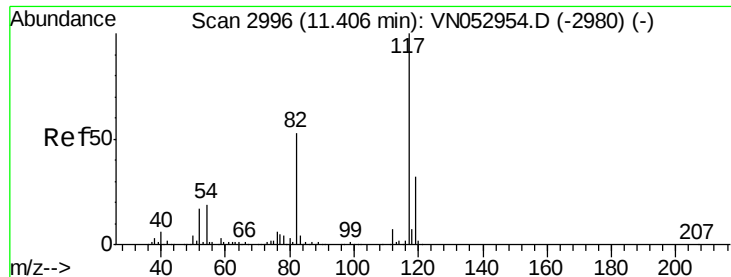


Abundance Ion 94.90 (94.60 to 95.60): VN053266.D (-3212) (-)

Ion 173.80 (173.50 to 174.50): VN053266.D (-3212) (-)

Ion 175.80 (175.50 to 176.50): VN053266.D (-3212) (-)





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN053266.D

Acq: 3 Jan 2019 16:57

Instrument :

MSVOA_N

ClientSampleId :

PB116111ZHE#11

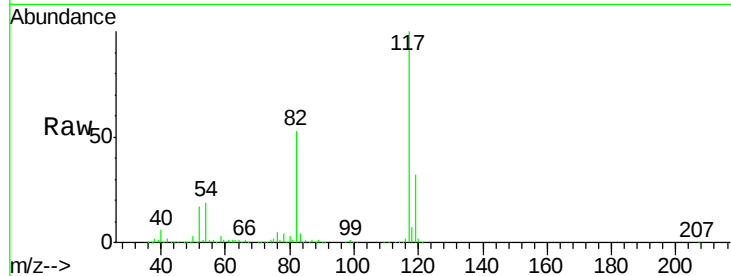
Tot Ion:117 Resp: 1560602

Ion Ratio Lower Upper

117 100

82 53.3 42.8 64.2

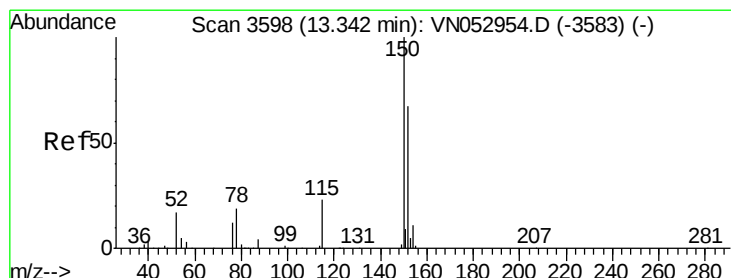
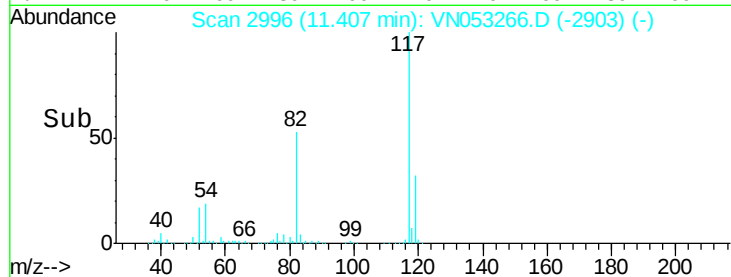
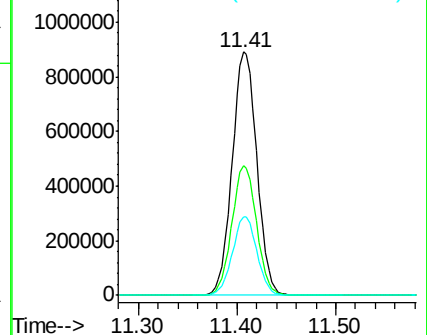
119 32.4 25.5 38.3



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN0

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: VN053266.D

Acq: 3 Jan 2019 16:57

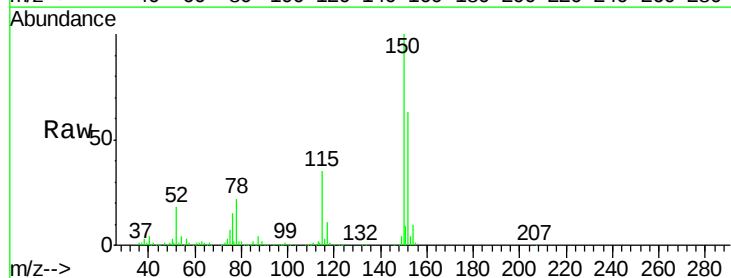
Tgt Ion:152 Resp: 538453

Ion Ratio Lower Upper

152 100

115 56.2 28.3 85.0

150 157.7 0.0 347.8



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

