

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN121318\
 Data File : VN052865.D
 Acq On : 13 Dec 2018 15:34
 Operator : MD\SY
 Sample : J6319-03
 Misc : 4.92g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 15 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 057_BT-2-1

Quant Time: Dec 14 09:02:05 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 13 01:08:35 2018
 Response via : Initial Calibration

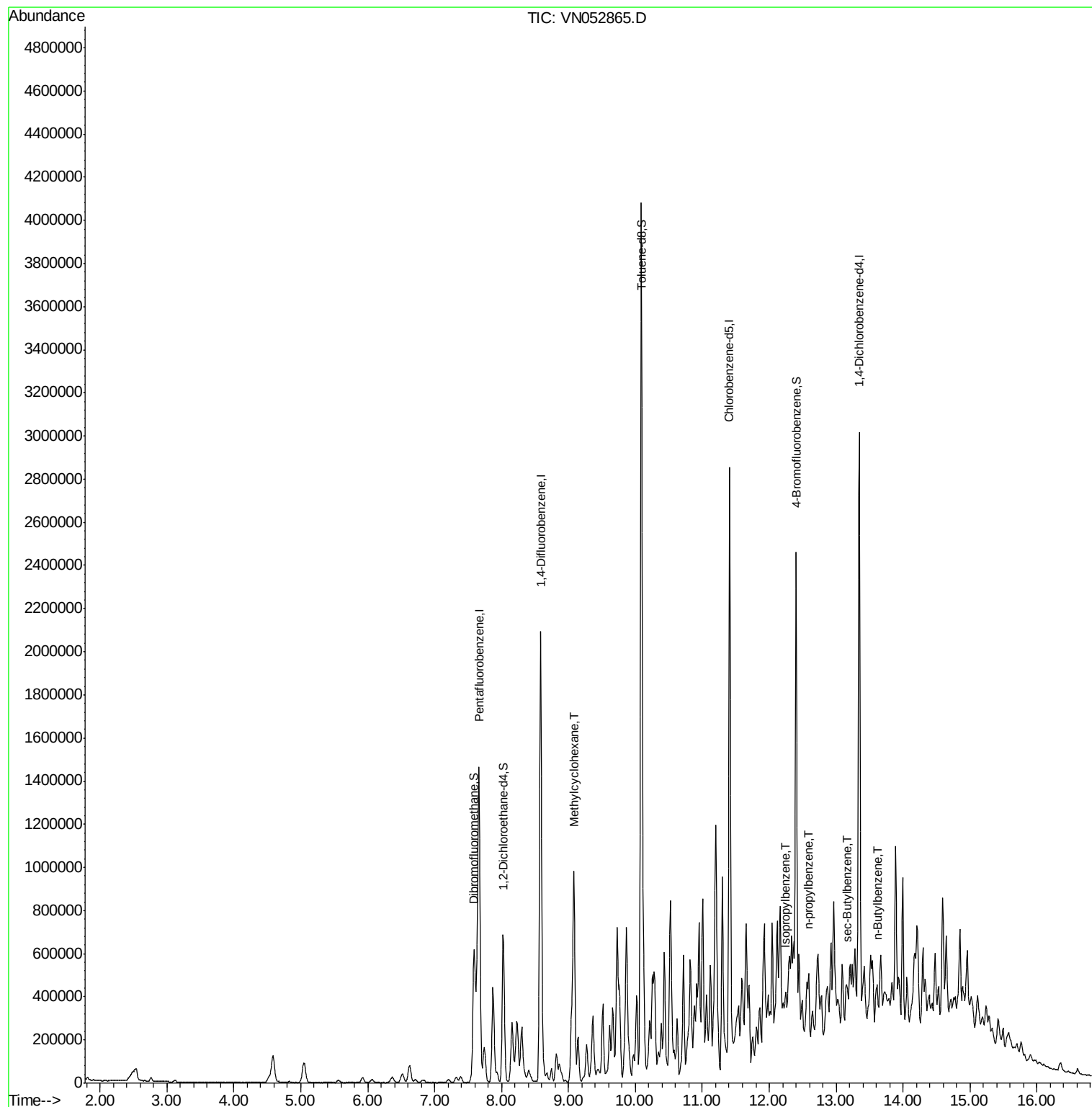
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	1170973	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1779079	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1595217	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	753757	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	570809	45.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.68%	
35) Dibromofluoromethane	7.59	113	467396	47.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.14%	
50) Toluene-d8	10.09	98	2230506	51.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.60%	
62) 4-Bromofluorobenzene	12.40	95	779012	53.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.78%	
Target Compounds						
39) Methylcyclohexane	9.08	83	413440	20.564	ug/l	97
73) Isopropylbenzene	12.25	105	100766	1.790	ug/l	99
78) n-propylbenzene	12.59	91	252551	3.935	ug/l	99
85) sec-Butylbenzene	13.17	105	62401	1.150	ug/l #	44
89) n-Butylbenzene	13.62	91	92543	2.338	ug/l	91

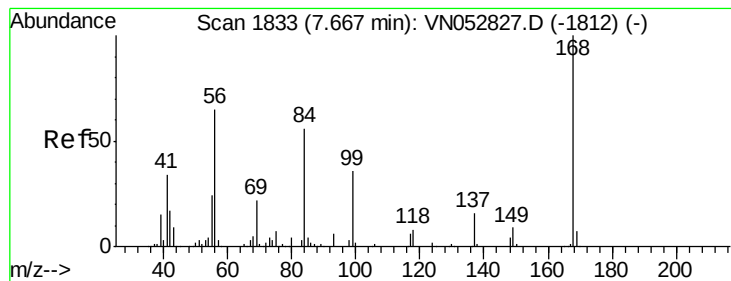
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN121318\
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057_BT-2-1

Quant Time: Dec 14 09:02:05 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N121218W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 13 01:08:35 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN052865.D

Acq: 13 Dec 2018 15:34

Instrument :

MSVOA_N

ClientSampleId :

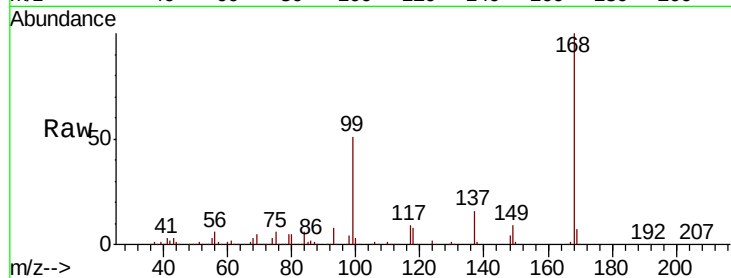
057_BT-2-1

Tot Ion:168 Resp: 1170973

Ion Ratio Lower Upper

168 100

99 50.8 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.66

500000

400000

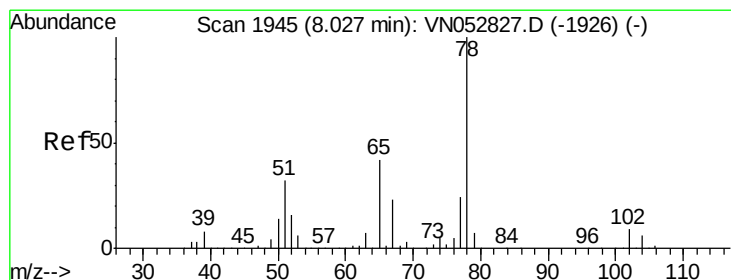
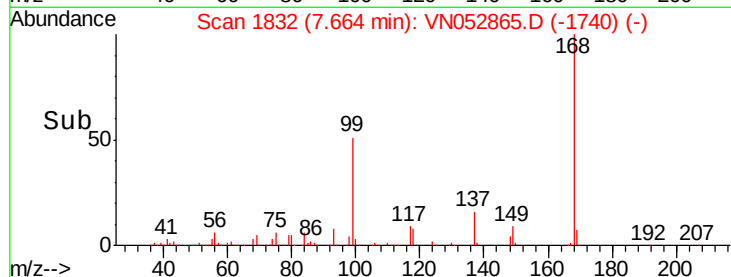
300000

200000

100000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: Below ug/l

RT: 8.02 min Scan# 1944

Delta R.T. -0.00 min

Lab File: VN052865.D

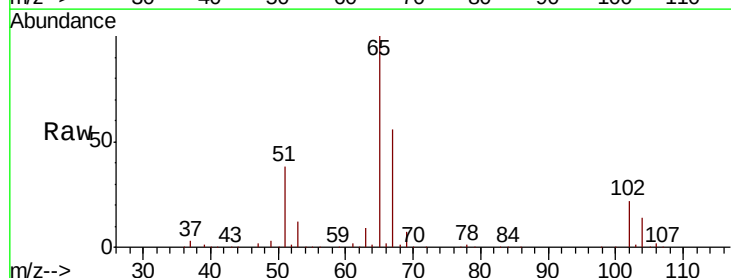
Acq: 13 Dec 2018 15:34

Tgt Ion: 65 Resp: 570809

Ion Ratio Lower Upper

65 100

67 54.9 0.0 110.4



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

8.02

250000

200000

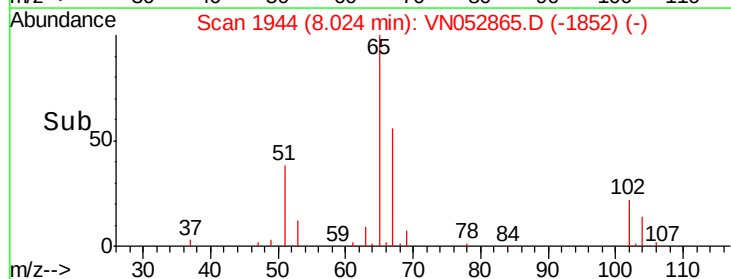
150000

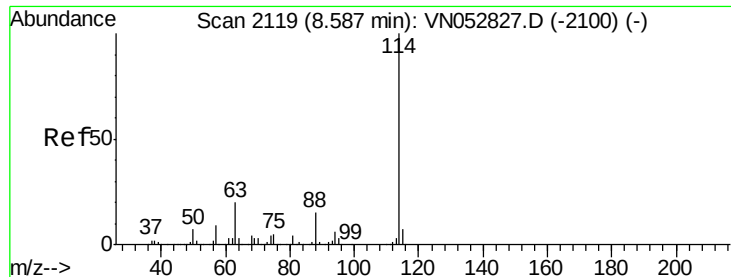
100000

50000

0

Time-->

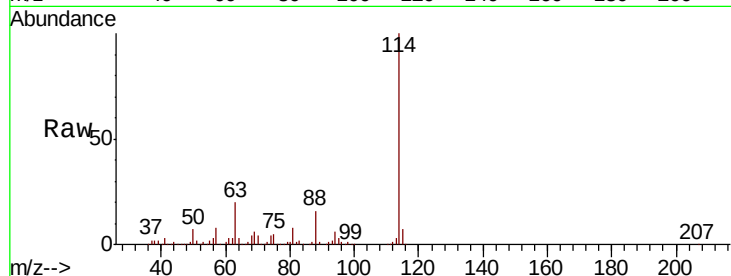




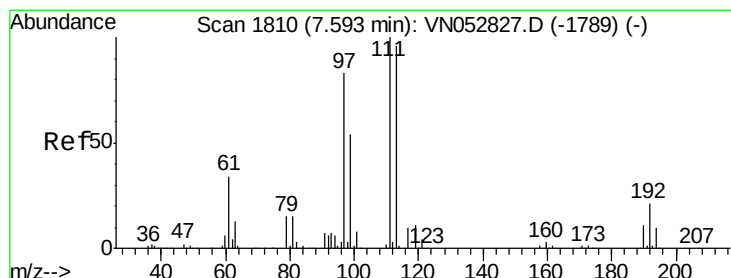
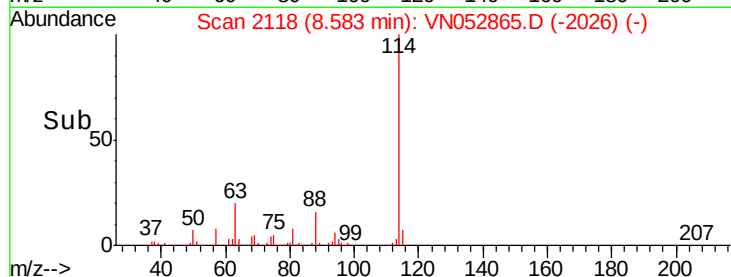
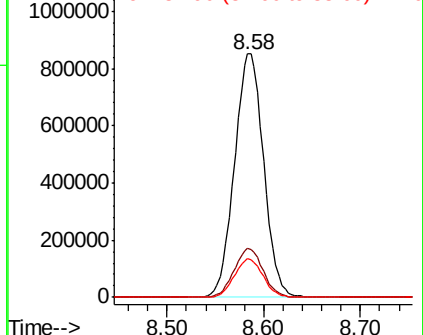
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN052865.D
 Acq: 13 Dec 2018 15:34

Instrument :
 MSVOA_N
 ClientSampled :
 057_BT-2-1

Tot Ion:114 Resp: 1779079
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 39.8
 88 15.7 0.0 31.0

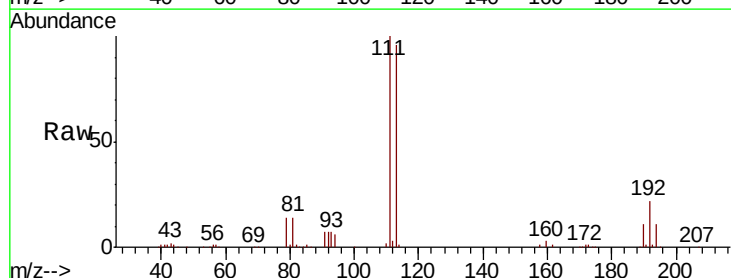


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

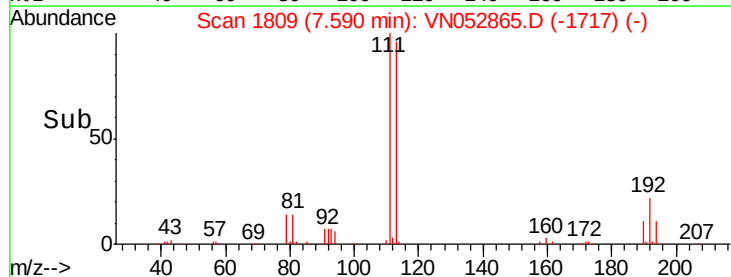
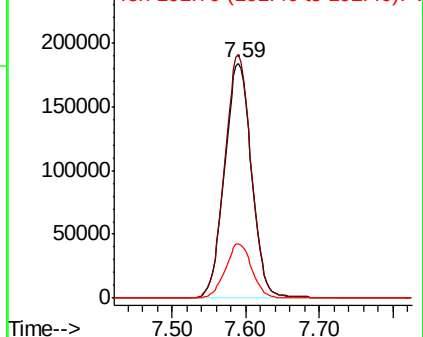


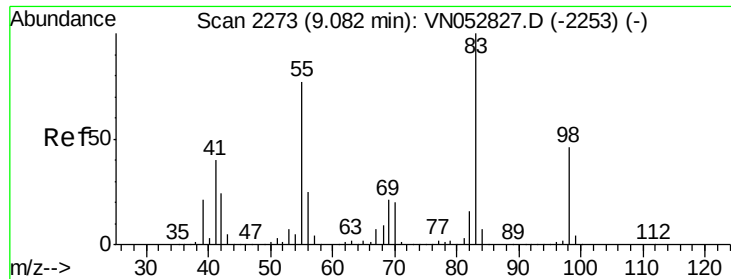
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN052865.D
 Acq: 13 Dec 2018 15:34

Tgt Ion:113 Resp: 467396
 Ion Ratio Lower Upper
 113 100
 111 102.4 83.0 124.4
 192 22.6 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

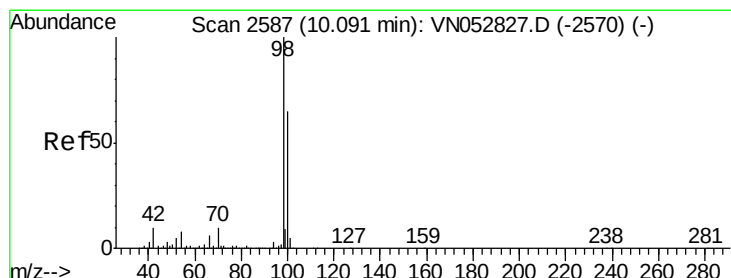
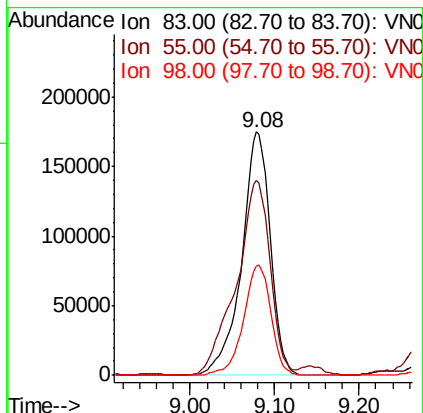
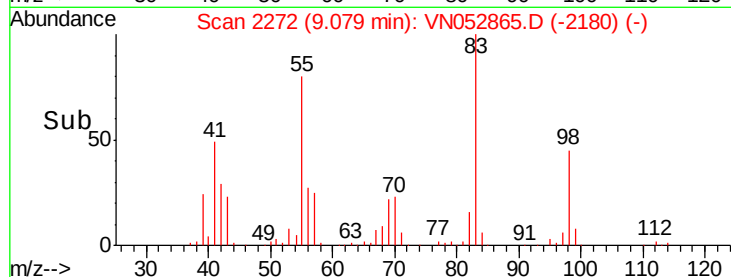
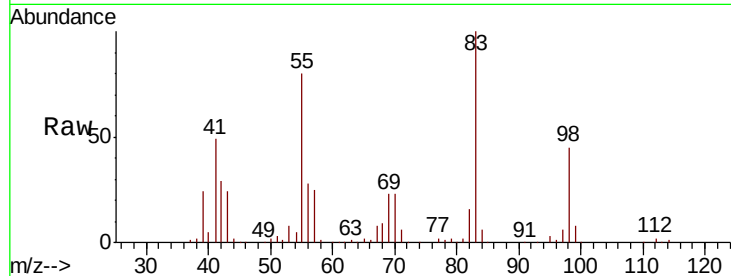




#39
Methylvlcyclohexane
Concen: 20.564 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN052865.D
Acq: 13 Dec 2018 15:34

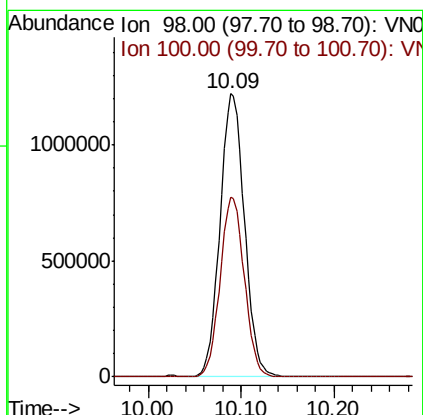
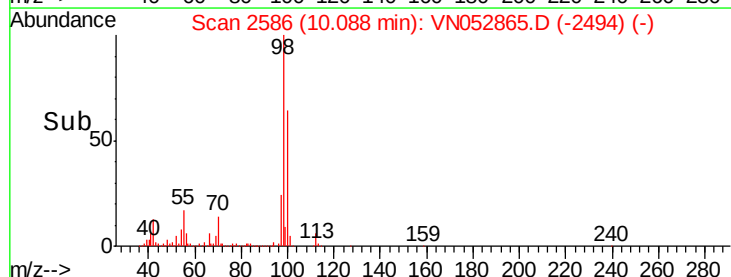
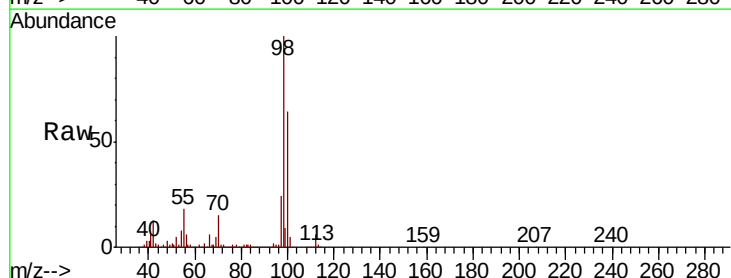
Instrument :
MSVOA_N
ClientSampled :
057_BT-2-1

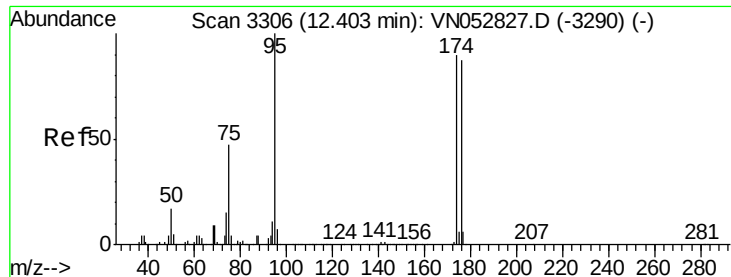
Tot Ion: 83 Resp: 413440
Ion Ratio Lower Upper
83 100
55 80.0 61.3 91.9
98 44.9 37.0 55.4



#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.09 min Scan# 2586
Delta R.T. -0.00 min
Lab File: VN052865.D
Acq: 13 Dec 2018 15:34

Tgt Ion: 98 Resp: 2230506
Ion Ratio Lower Upper
98 100
100 62.8 51.6 77.4





#62

4-Bromofluorobenzene

Concen: Below ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN052865.D

Acq: 13 Dec 2018 15:34

Instrument :

MSVOA_N

ClientSampleId :

057_BT-2-1

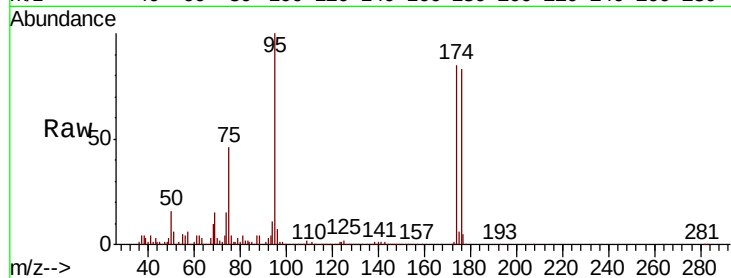
Tot Ion: 95 Resp: 779012

Ion Ratio Lower Upper

95 100

174 86.3 0.0 178.8

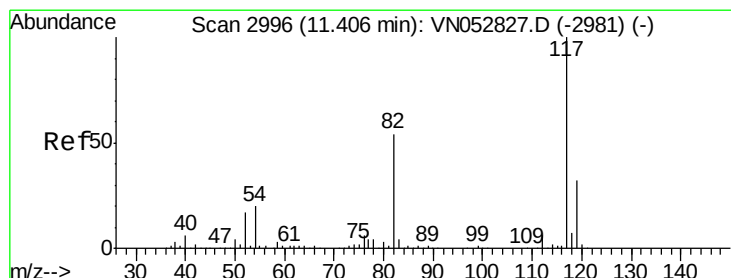
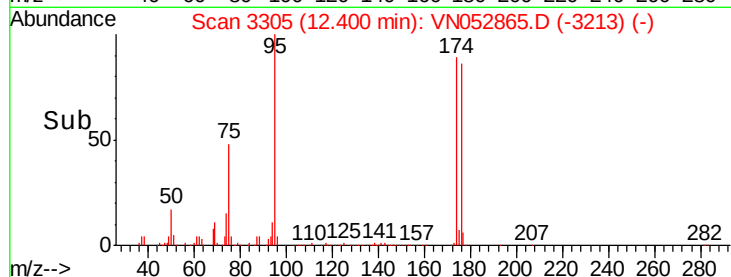
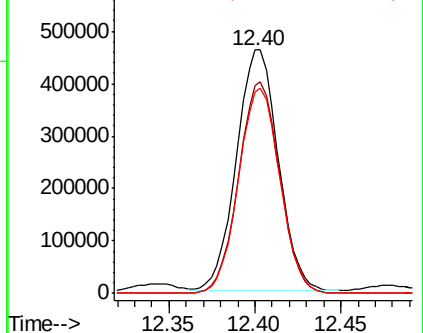
176 84.2 0.0 173.8



Abundance Ion 94.90 (94.60 to 95.60): VN052827.D (-3290) (-)

Ion 173.80 (173.50 to 174.50): VN052827.D (-3290) (-)

Ion 175.80 (175.50 to 176.50): VN052827.D (-3290) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN052865.D

Acq: 13 Dec 2018 15:34

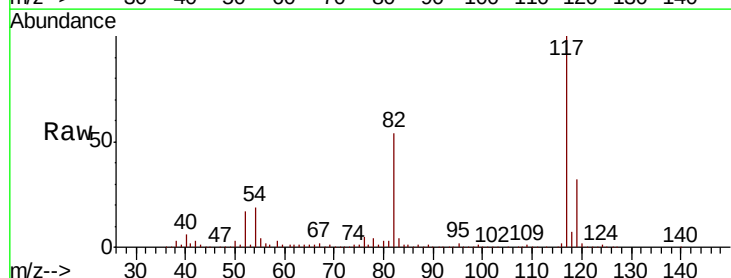
Tgt Ion: 117 Resp: 1595217

Ion Ratio Lower Upper

117 100

82 53.4 42.8 64.2

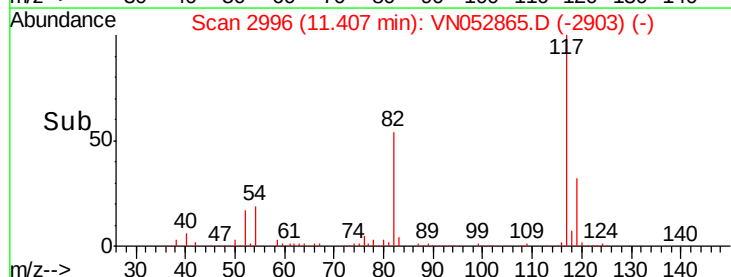
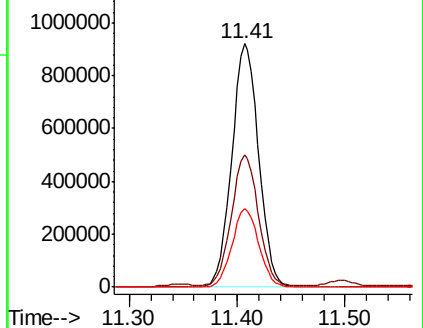
119 32.3 25.5 38.3

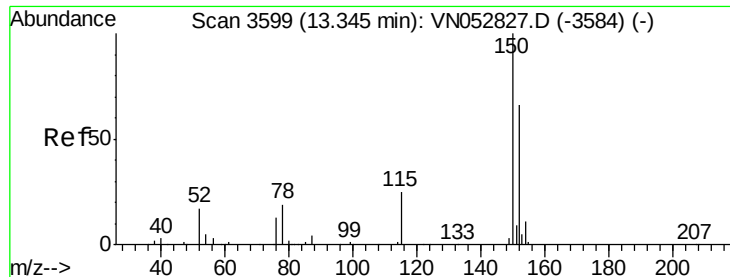


Abundance Ion 116.90 (116.60 to 117.60): VN052827.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN052827.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN052827.D (-2981) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN052865.D

Acq: 13 Dec 2018 15:34

Instrument :

MSVOA_N

ClientSampleId :

057_BT-2-1

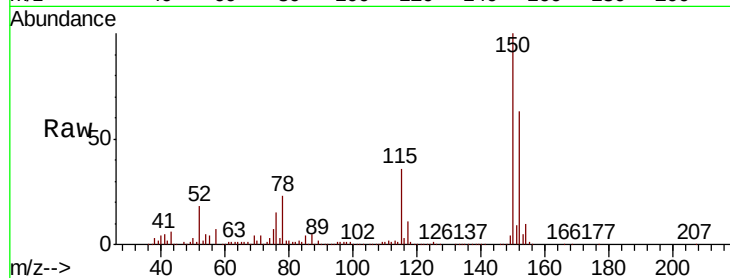
Tot Ion:152 Resp: 753757

Ion Ratio Lower Upper

152 100

115 56.9 28.3 85.0

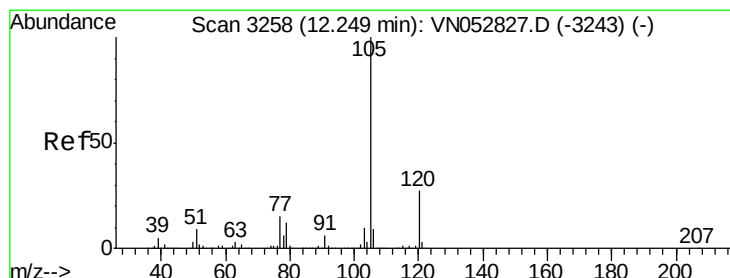
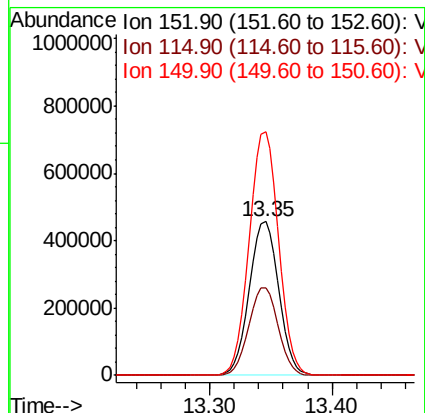
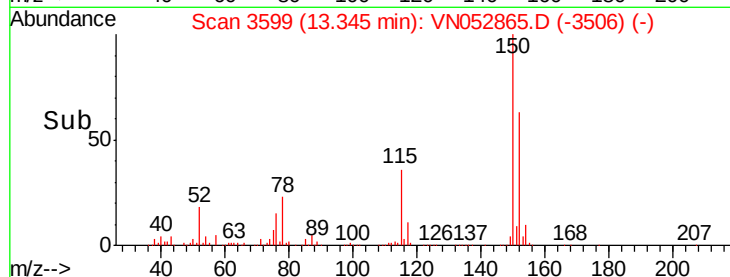
150 157.6 0.0 347.8



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



#73

Isopropylbenzene

Concen: 1.790 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN052865.D

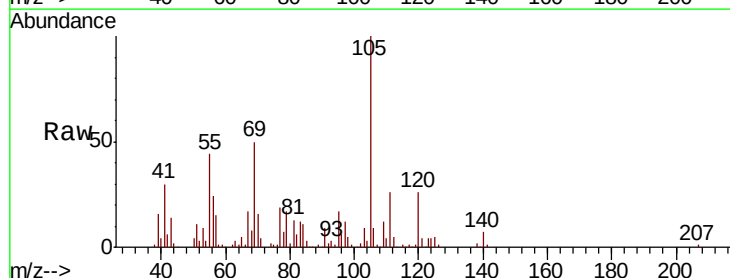
Acq: 13 Dec 2018 15:34

Tgt Ion:105 Resp: 100766

Ion Ratio Lower Upper

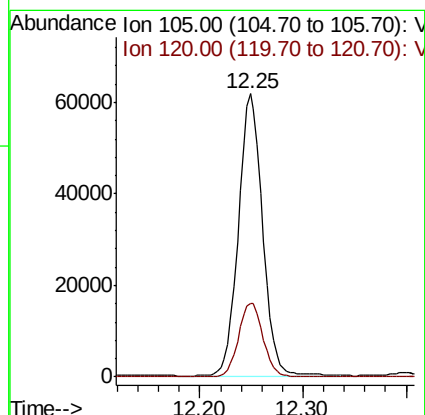
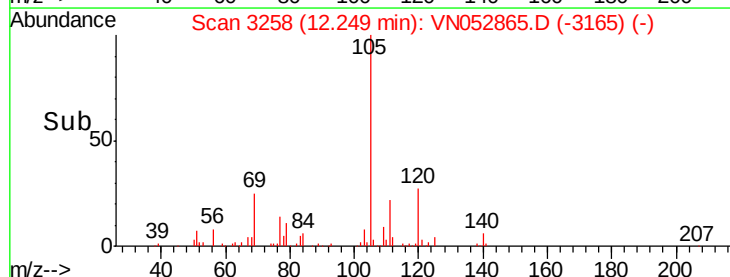
105 100

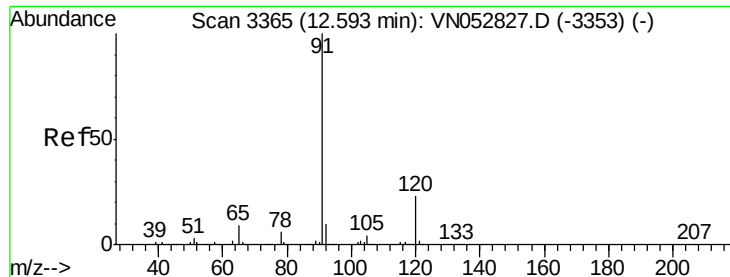
120 26.3 13.3 39.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#78

n-propylbenzene

Concen: 3.935 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN052865.D

Acq: 13 Dec 2018 15:34

Instrument :

MSVOA_N

ClientSampleId :

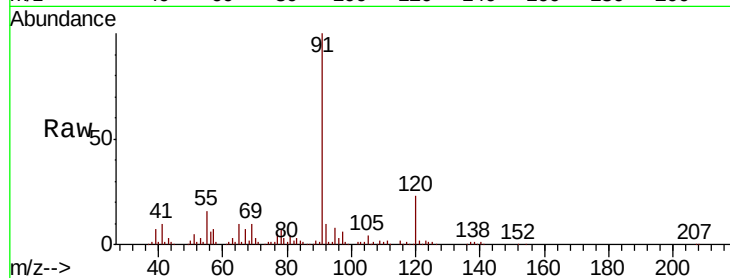
057_BT-2-1

Tot Ion: 91 Resp: 252551

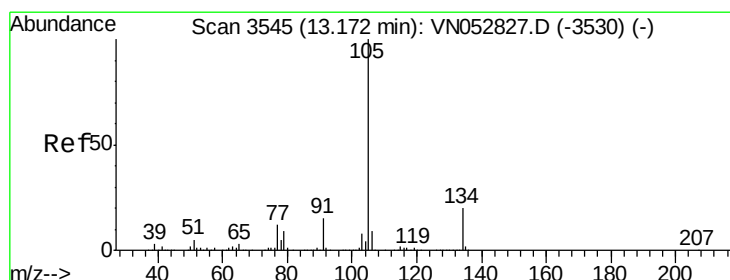
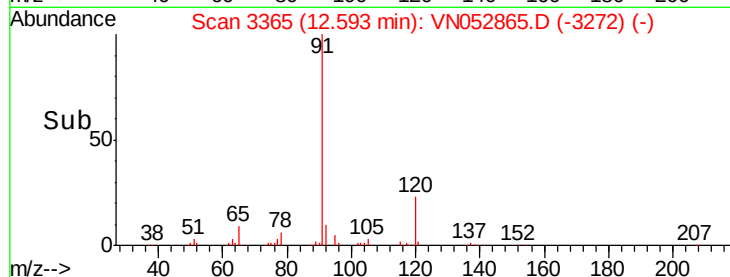
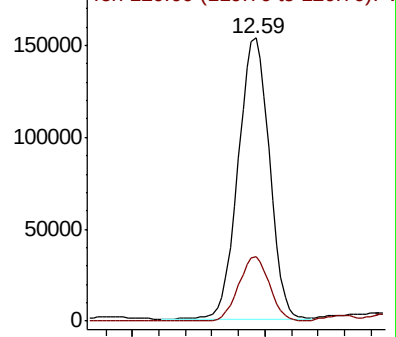
Ion Ratio Lower Upper

91 100

120 22.6 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VN052827.D (-3353) (-)



#85

sec-Butylbenzene

Concen: 1.150 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN052865.D

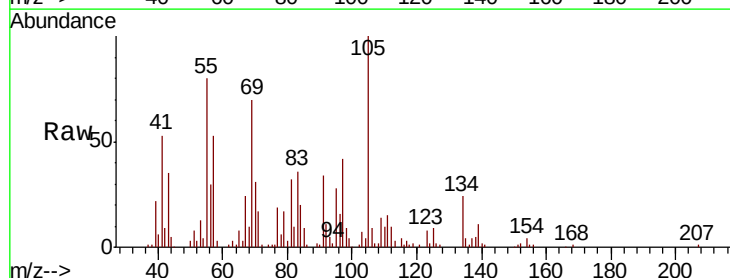
Acq: 13 Dec 2018 15:34

Tgt Ion: 105 Resp: 62401

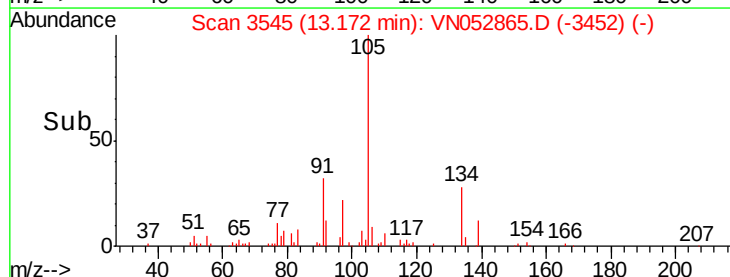
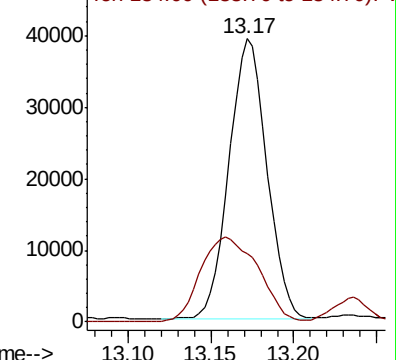
Ion Ratio Lower Upper

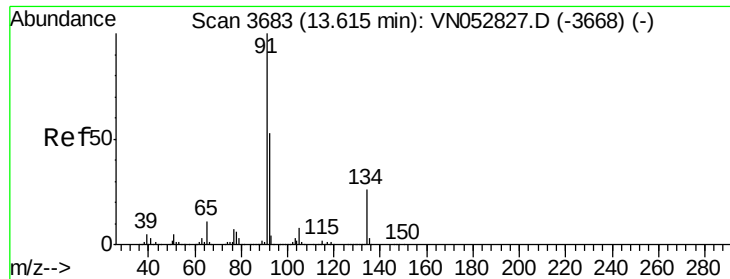
105 100

134 45.9 10.1 30.3#



Abundance Ion 105.00 (104.70 to 105.70): VN052827.D (-3530) (-)





#89

n-Butylbenzene

Concen: 2.338 ug/l

RT: 13.62 min Scan# 3683

Delta R.T. 0.00 min

Lab File: VN052865.D

Acq: 13 Dec 2018 15:34

Instrument :

MSVOA_N

ClientSampleId :

057_BT-2-1

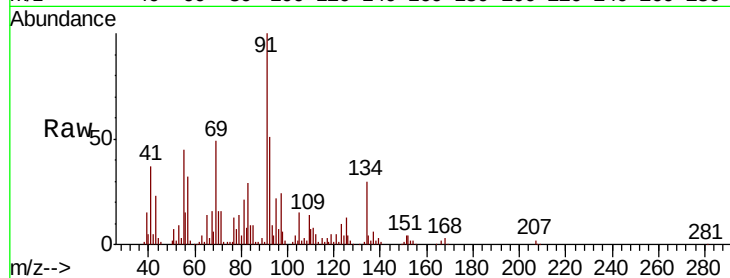
Tot Ion: 91 Resp: 92543

Ion Ratio Lower Upper

91 100

92 45.0 26.3 78.9

134 29.5 13.3 39.8



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 92.00 (91.70 to 92.70): VN0

Ion 134.00 (133.70 to 134.70): V

