

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN112918\
 Data File : VN052571.D
 Acq On : 29 Nov 2018 17:58
 Operator : MD\SY
 Sample : J5768-08
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 OK-01-112818

Quant Time: Nov 30 03:32:10 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112718W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 28 01:11:38 2018
 Response via : Initial Calibration

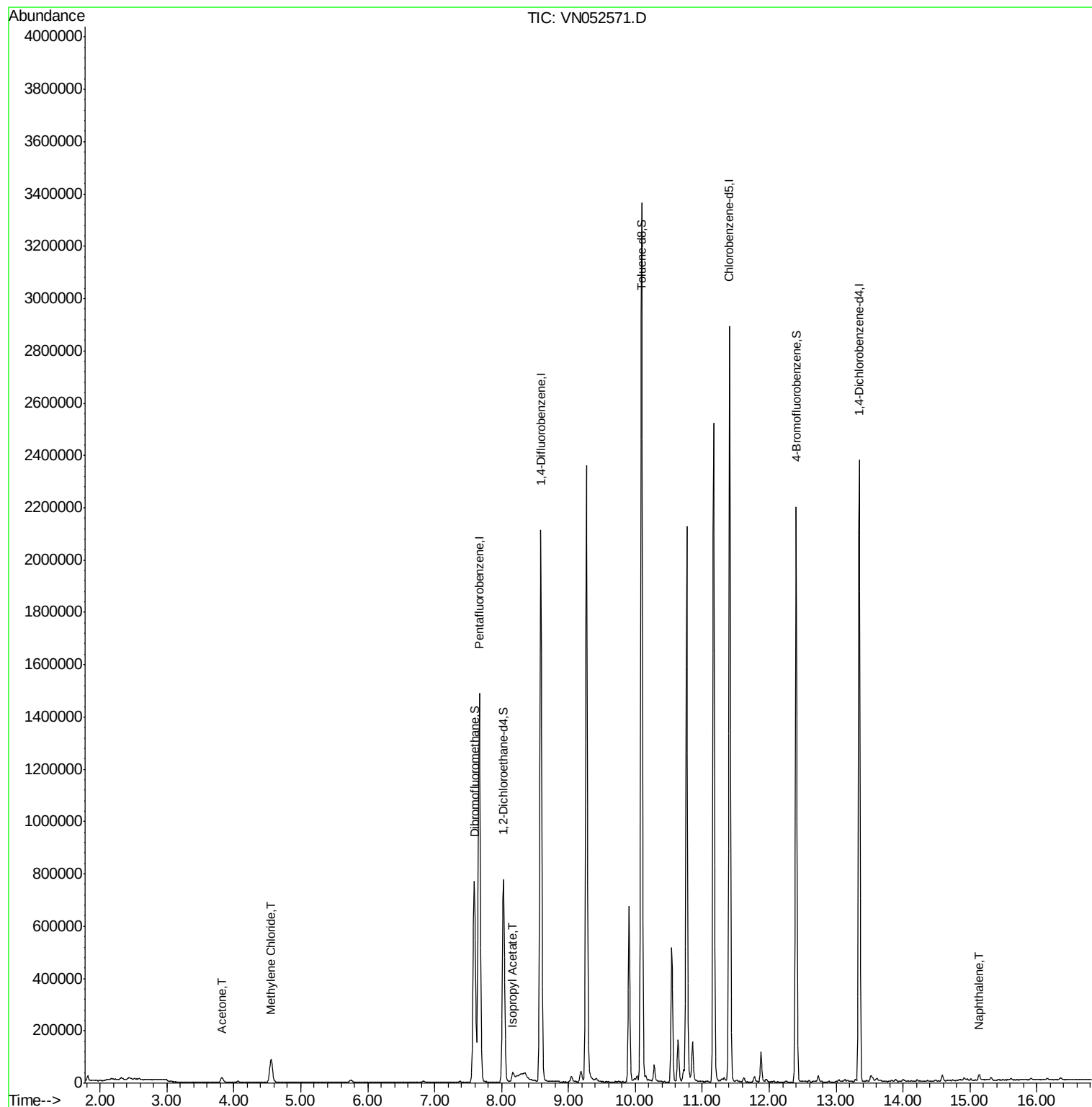
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1281404	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1965908	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1729469	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	664321	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	661160	47.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.78%	
35) Dibromofluoromethane	7.59	113	600012	49.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.02%	
50) Toluene-d8	10.09	98	2390057	50.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.32%	
62) 4-Bromofluorobenzene	12.40	95	758463	47.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.68%	
Target Compounds						
16) Acetone	3.82	43	32686	8.882	ug/l	99
20) Methylene Chloride	4.55	84	67892	4.714	ug/l	97
43) Isopropyl Acetate	8.17	43	53941	2.813	ug/l #	82
95) Naphthalene	15.14	128	20768	4.202	ug/l	97

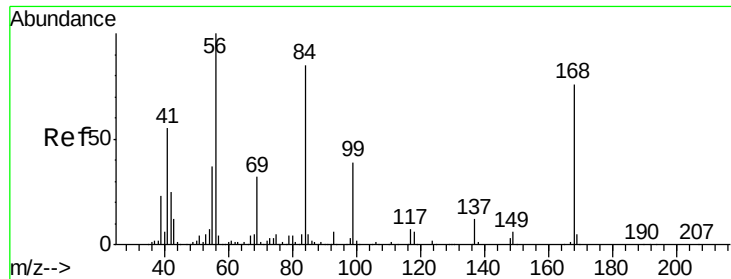
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

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ClientSampleId :

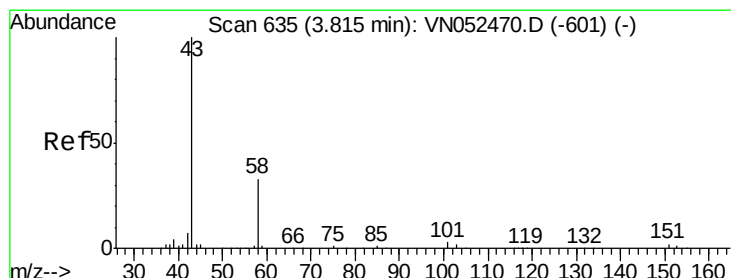
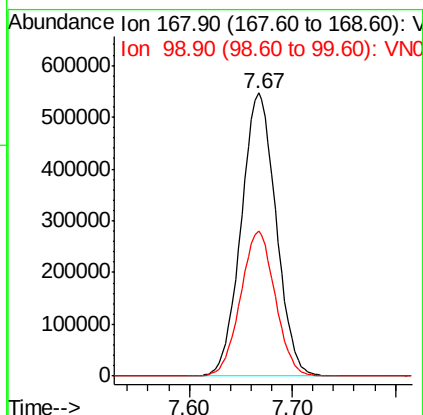
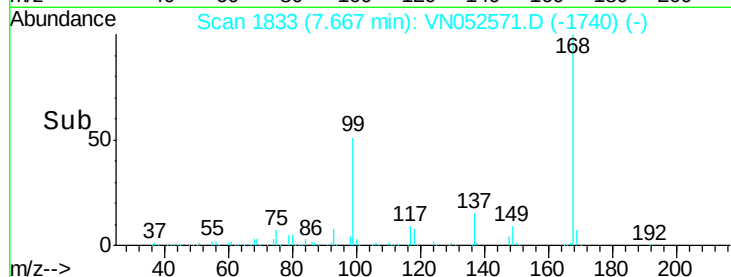
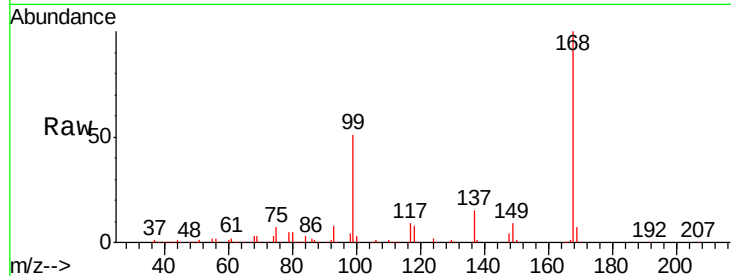
OK-01-112818

Tgt Ion:168 Resp: 1281404

Ion Ratio Lower Upper

168 100

99 51.4 41.7 62.5



#16

Acetone

Concen: 8.882 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN052571.D

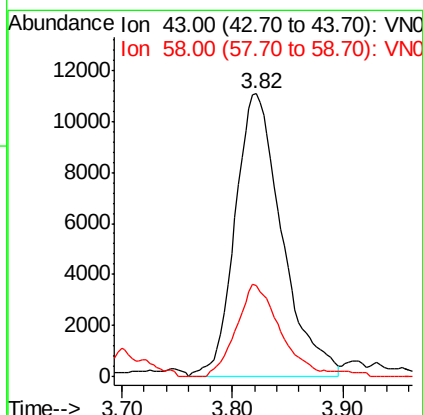
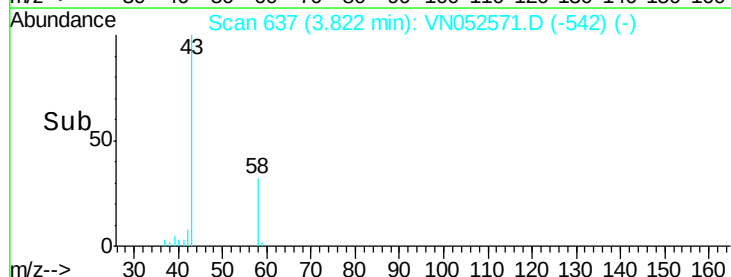
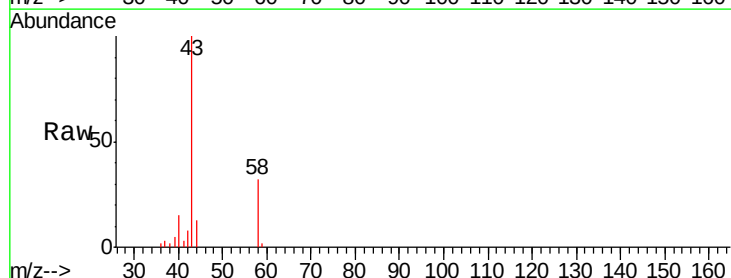
Acq: 29 Nov 2018 17:58

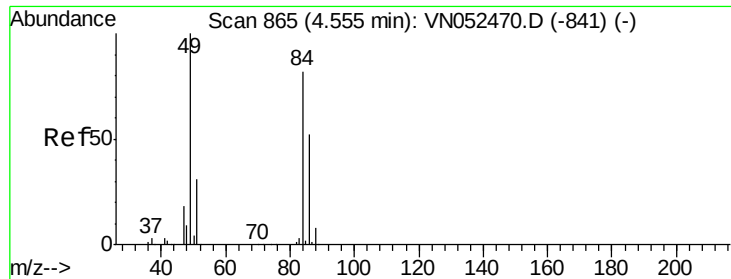
Tgt Ion: 43 Resp: 32686

Ion Ratio Lower Upper

43 100

58 32.2 26.0 39.0

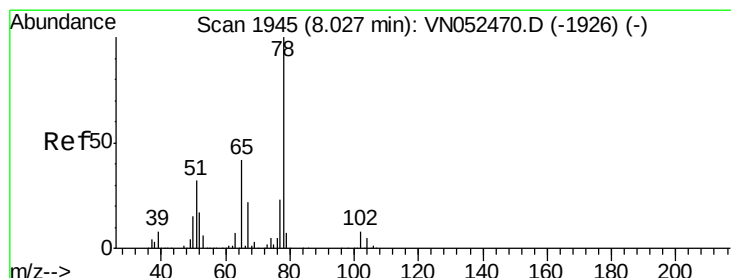
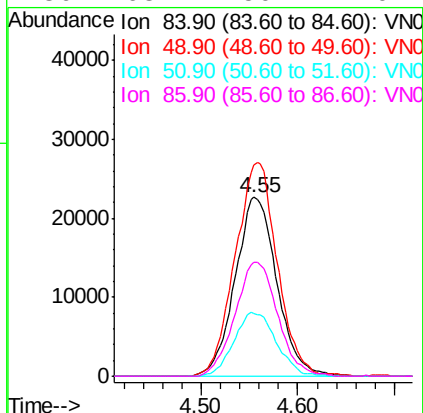
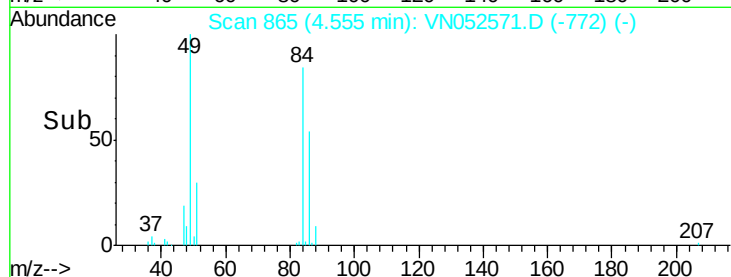
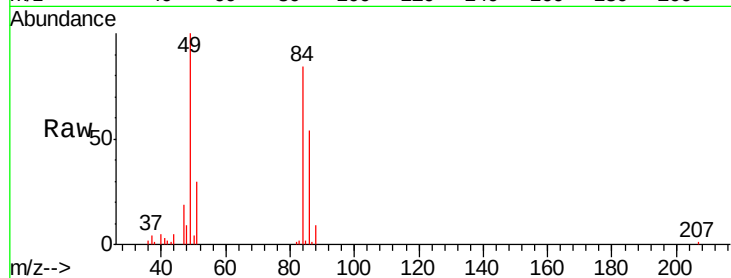




#20
Methylene Chloride
Concen: 4.714 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN052571.D
Acq: 29 Nov 2018 17:58

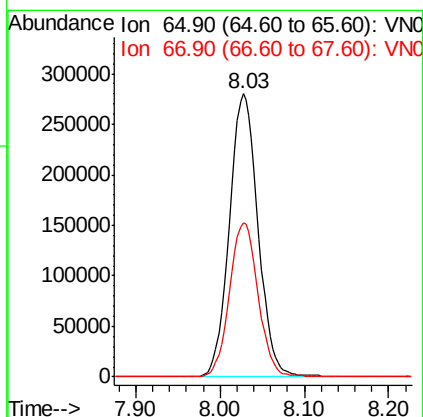
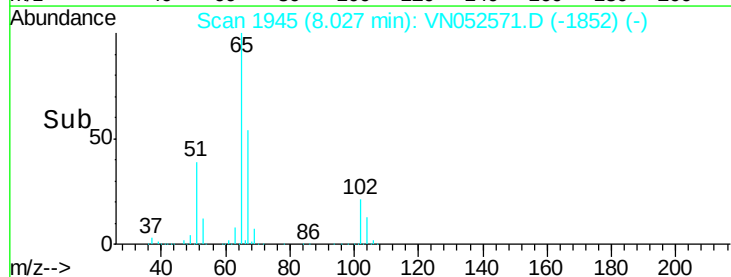
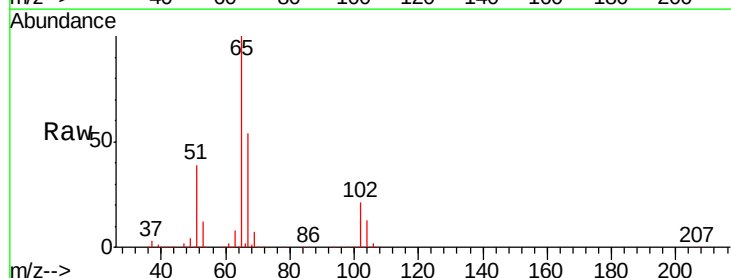
Instrument :
MSVOA_N
ClientSampleId :
OK-01-112818

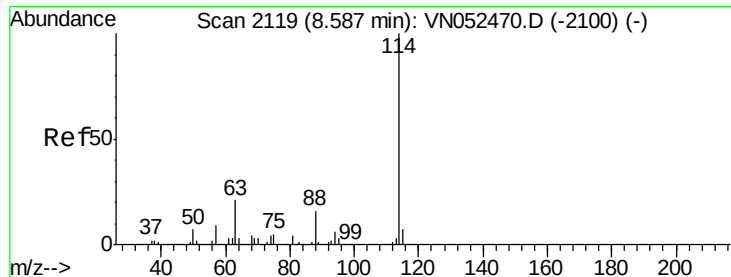
Tgt Ion: 84 Resp: 67892
Ion Ratio Lower Upper
84 100
49 118.5 98.0 147.0
51 35.2 30.1 45.1
86 63.7 50.7 76.1



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN052571.D
Acq: 29 Nov 2018 17:58

Tgt Ion: 65 Resp: 661160
Ion Ratio Lower Upper
65 100
67 54.4 0.0 109.8

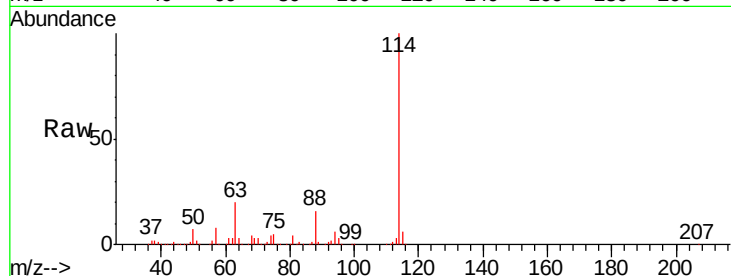




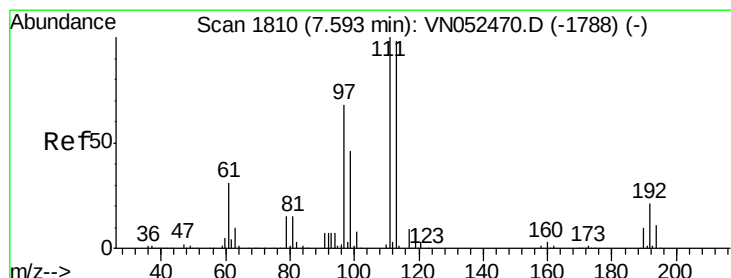
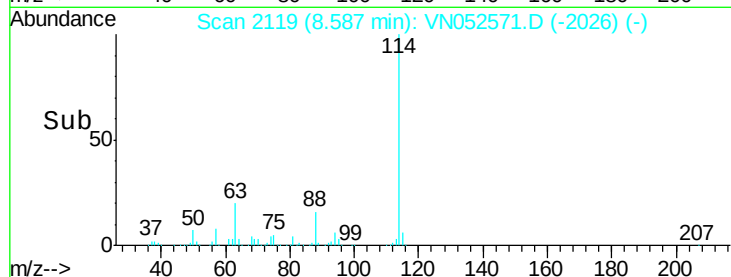
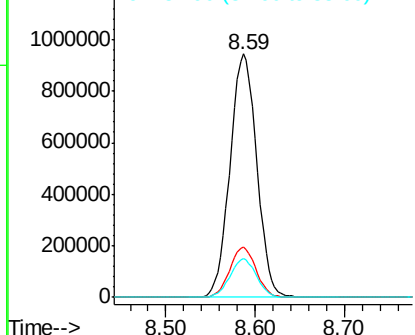
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN052571.D
 Acq: 29 Nov 2018 17:58

Instrument :
 MSVOA_N
 ClientSampleId :
 OK-01-112818

Tgt Ion:114 Resp: 1965908
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 41.8
 88 15.8 0.0 31.6

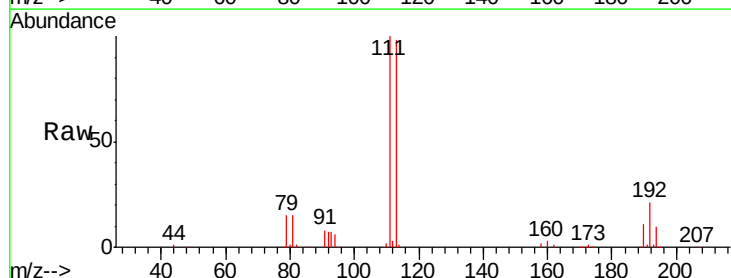


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

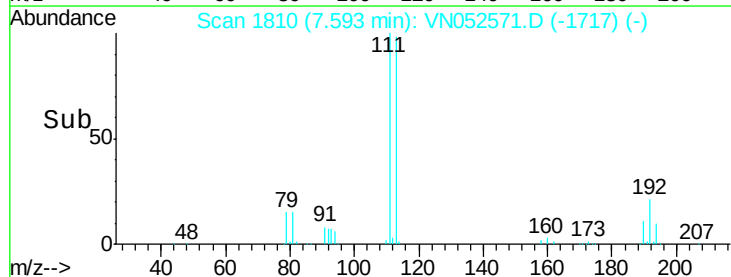
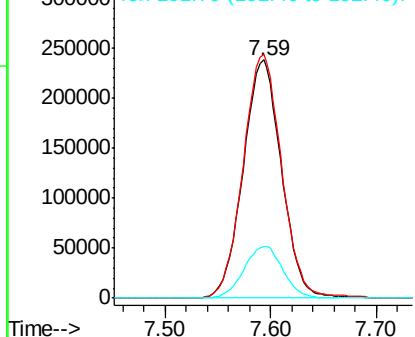


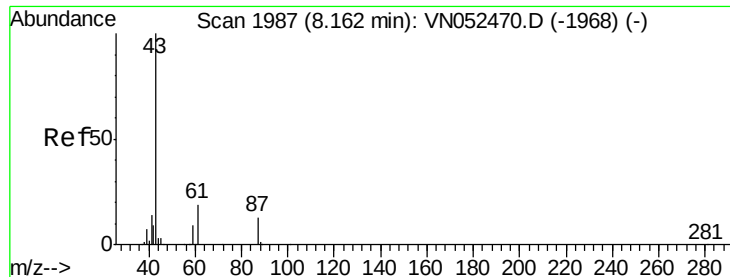
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN052571.D
 Acq: 29 Nov 2018 17:58

Tgt Ion:113 Resp: 600012
 Ion Ratio Lower Upper
 113 100
 111 103.4 82.0 123.0
 192 22.2 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: 2.813 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN052571.D

Acq: 29 Nov 2018 17:58

Instrument :

MSVOA_N

ClientSampleId :

OK-01-112818

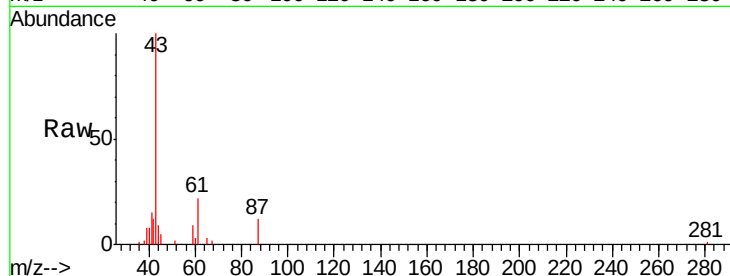
Tgt Ion: 43 Resp: 53941

Ion Ratio Lower Upper

43 100

61 17.9 24.1 36.1#

87 9.8 10.6 15.8#

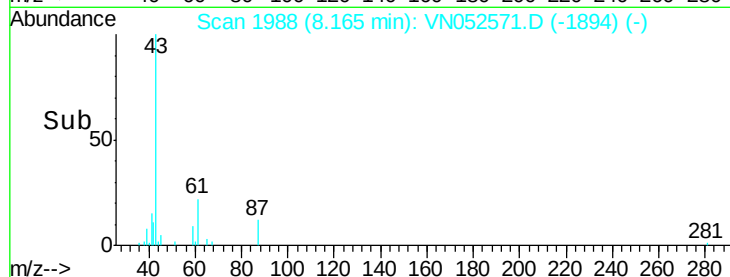


Abundance Ion 43.00 (42.70 to 43.70): VN052470.D (-1968) (-)

Ion 61.00 (60.70 to 61.70): VN052470.D (-1968) (-)

Ion 87.00 (86.70 to 87.70): VN052470.D (-1968) (-)

Time-->



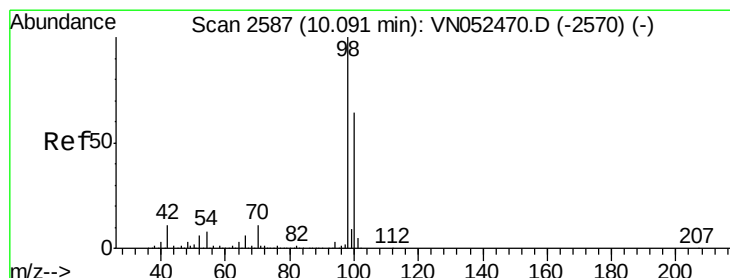
Abundance

Ion 43.00 (42.70 to 43.70): VN052571.D (-1894) (-)

Ion 61.00 (60.70 to 61.70): VN052571.D (-1894) (-)

Ion 87.00 (86.70 to 87.70): VN052571.D (-1894) (-)

Time-->



#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN052571.D

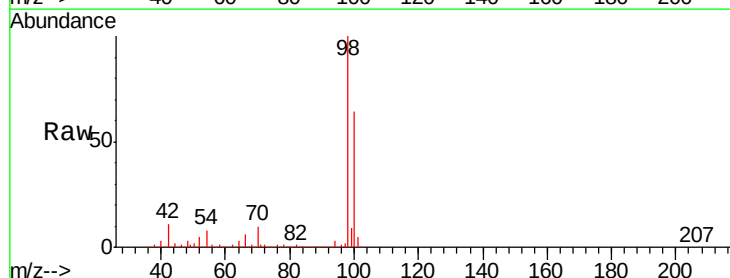
Acq: 29 Nov 2018 17:58

Tgt Ion: 98 Resp: 2390057

Ion Ratio Lower Upper

98 100

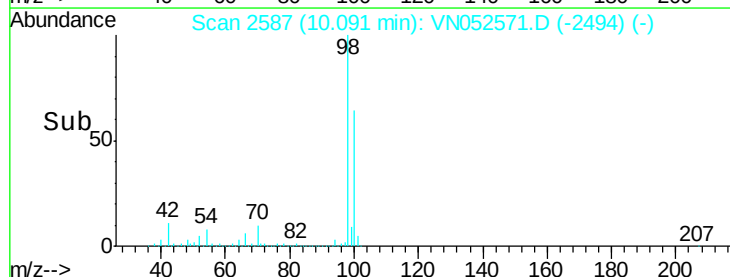
100 64.5 51.3 76.9



Abundance Ion 98.00 (97.70 to 98.70): VN052470.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN052470.D (-2570) (-)

Time-->

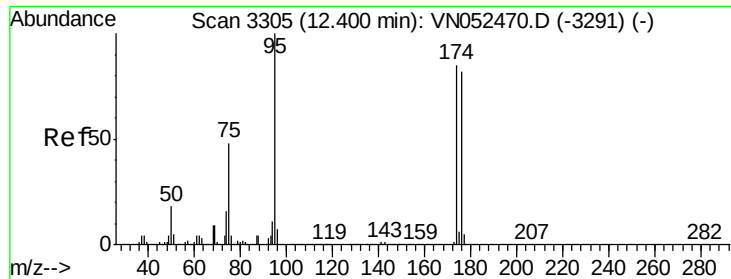


Abundance

Ion 98.00 (97.70 to 98.70): VN052571.D (-2494) (-)

Ion 100.00 (99.70 to 100.70): VN052571.D (-2494) (-)

Time-->



#62

4-Bromofluorobenzene

Concen: Below ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN052571.D

Acq: 29 Nov 2018 17:58

Instrument :

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ClientSampleId :

OK-01-112818

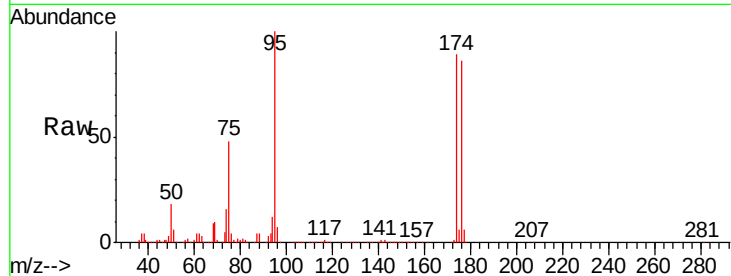
Tgt Ion: 95 Resp: 758463

Ion Ratio Lower Upper

95 100

174 88.3 0.0 173.0

176 85.7 0.0 166.2



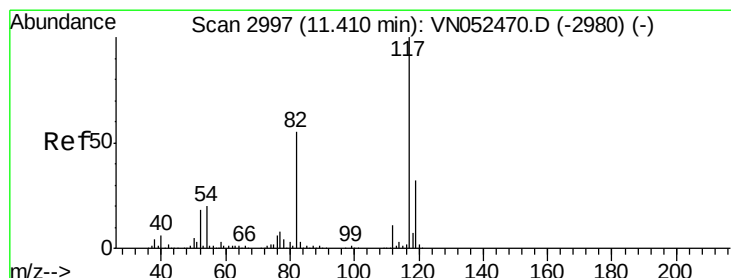
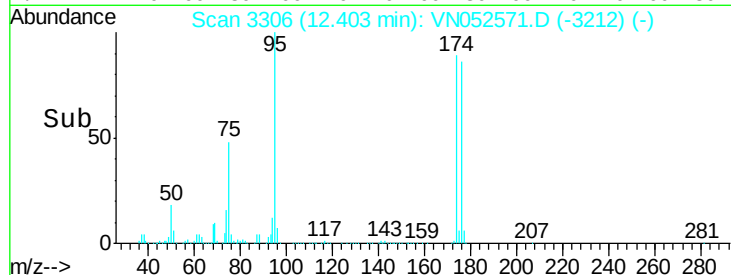
Abundance Ion 94.90 (94.60 to 95.60): VN052470.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN052470.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN052470.D (-3291) (-)

12.40

Time--> 12.30 12.40 12.50



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN052571.D

Acq: 29 Nov 2018 17:58

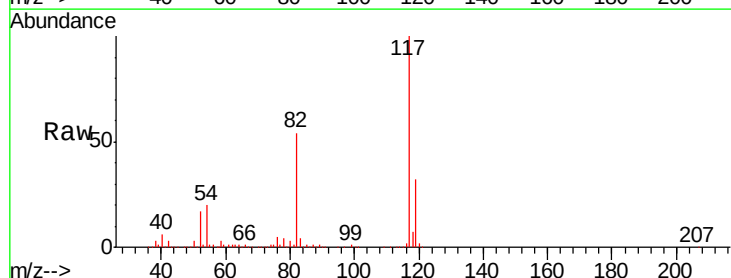
Tgt Ion: 117 Resp: 1729469

Ion Ratio Lower Upper

117 100

82 54.3 43.6 65.4

119 32.3 25.4 38.2



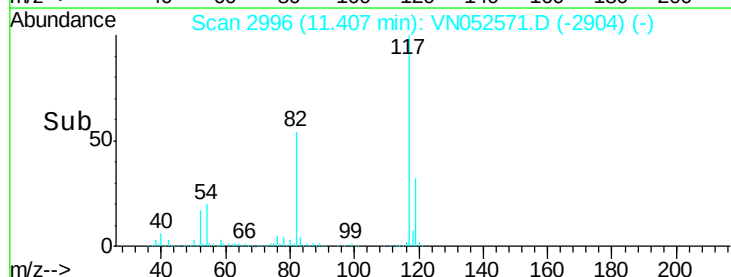
Abundance Ion 116.90 (116.60 to 117.60): VN052470.D (-2980) (-)

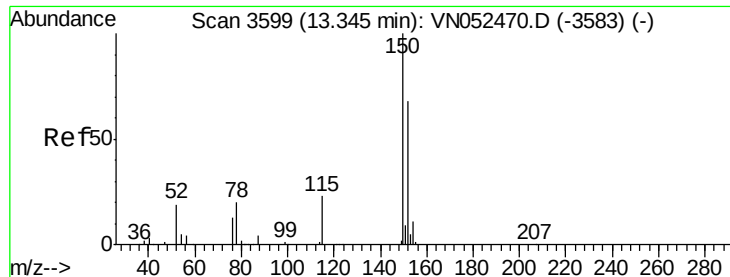
Ion 82.00 (81.70 to 82.70): VN052470.D (-2980) (-)

Ion 118.90 (118.60 to 119.60): VN052470.D (-2980) (-)

11.41

Time--> 11.30 11.40 11.50





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN052571.D

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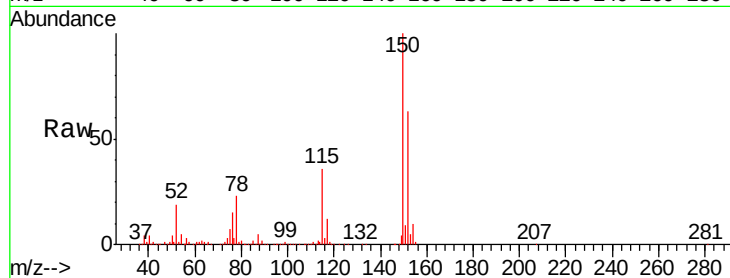
Tgt Ion:152 Resp: 664321

Ion Ratio Lower Upper

152 100

115 56.3 28.4 85.2

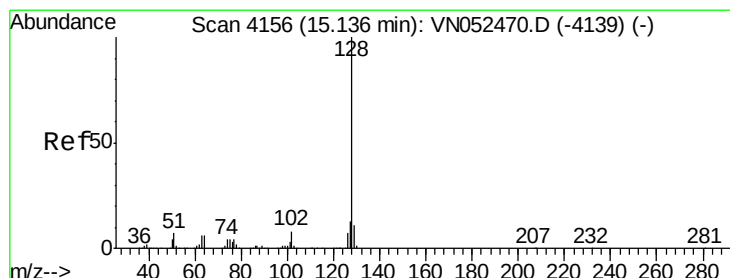
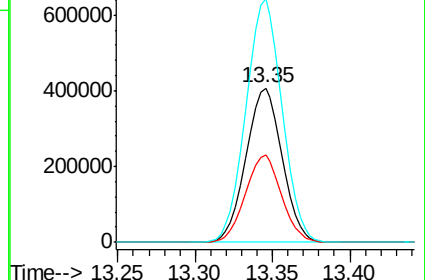
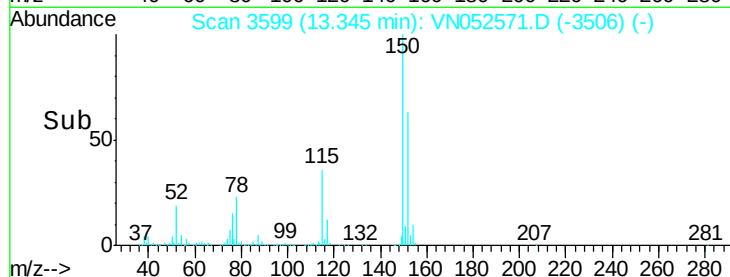
150 157.7 0.0 346.0



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: 4.202 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN052571.D

Acq: 29 Nov 2018 17:58

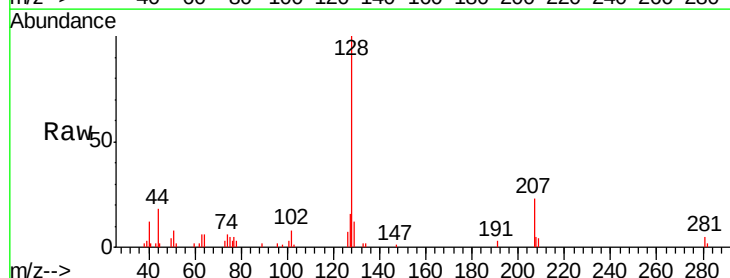
Tgt Ion:128 Resp: 20768

Ion Ratio Lower Upper

128 100

127 14.5 10.2 15.2

129 10.8 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

