

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN112918\
 Data File : VN052575.D
 Acq On : 29 Nov 2018 19:45
 Operator : MD\SY
 Sample : J5767-24
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 CL-02-112818-D

Quant Time: Nov 30 03:48:11 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

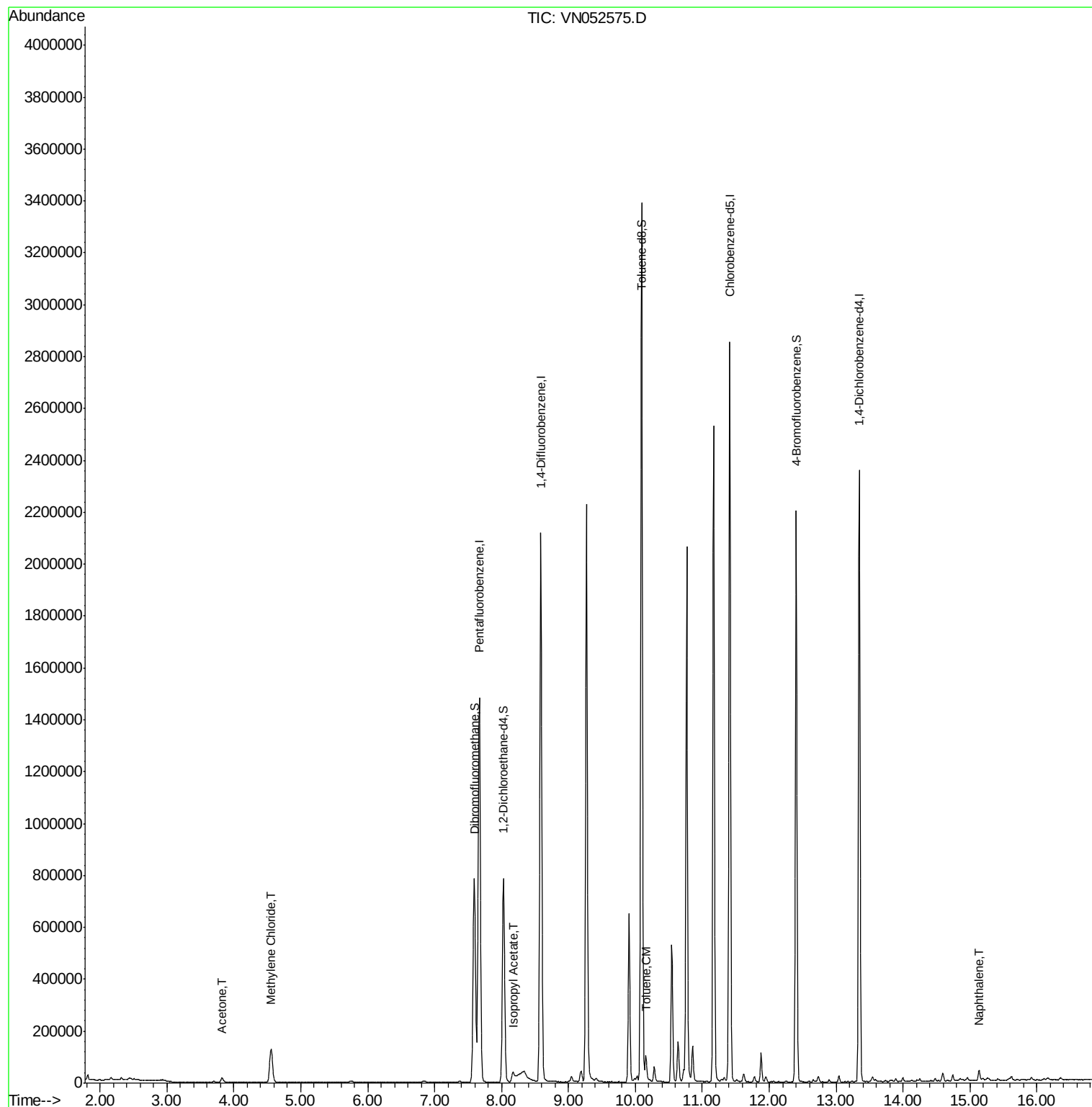
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1297511	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1989789	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1742693	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	669622	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	668325	47.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.62%	
35) Dibromofluoromethane	7.59	113	614432	50.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.18%	
50) Toluene-d8	10.09	98	2433391	50.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.92%	
62) 4-Bromofluorobenzene	12.40	95	764755	47.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.32%	
Target Compounds						
16) Acetone	3.82	43	28649	7.688	ug/l	94
20) Methylene Chloride	4.55	84	99967	6.856	ug/l	98
43) Isopropyl Acetate	8.17	43	56377	2.905	ug/l #	80
52) Toluene	10.16	92	41774	1.256	ug/l	98
95) Naphthalene	15.14	128	35268	4.732	ug/l	98

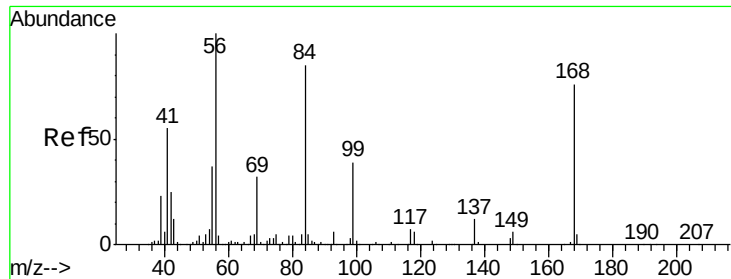
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN052575.D

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ClientSampleId :

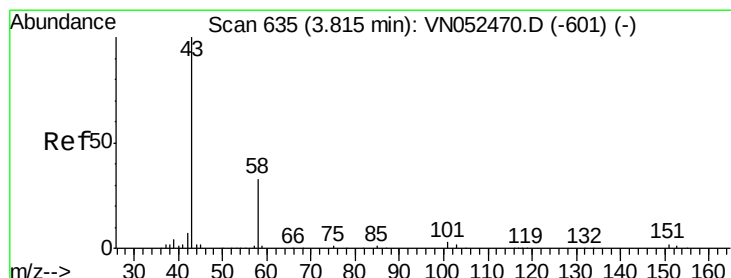
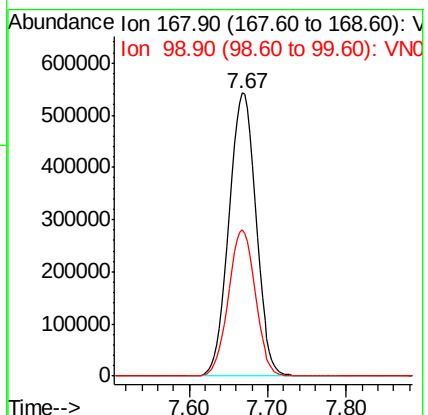
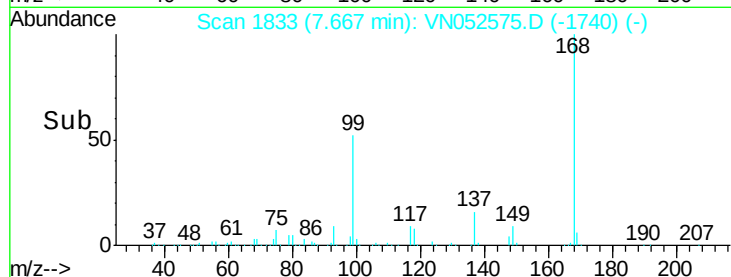
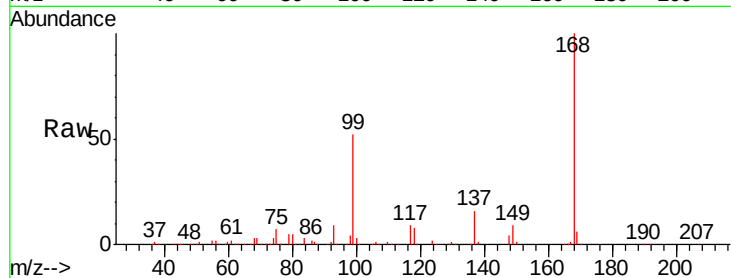
CL-02-112818-D

Tgt Ion:168 Resp: 1297511

Ion Ratio Lower Upper

168 100

99 51.5 41.7 62.5



#16

Acetone

Concen: 7.688 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN052575.D

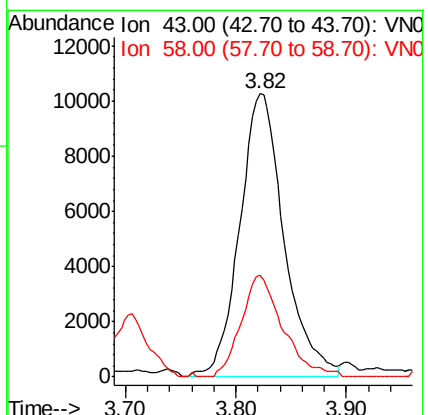
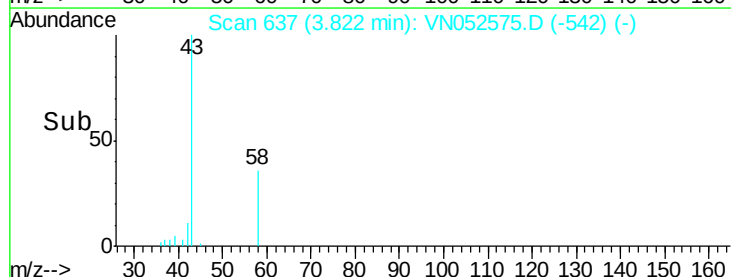
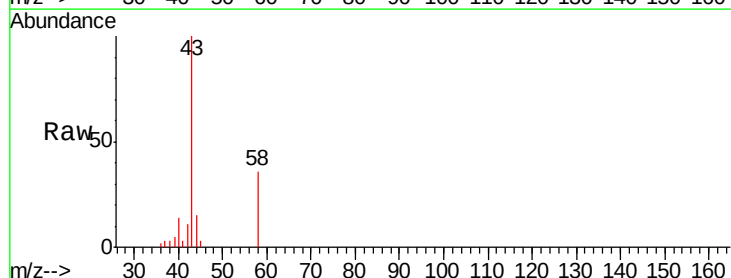
Acq: 29 Nov 2018 19:45

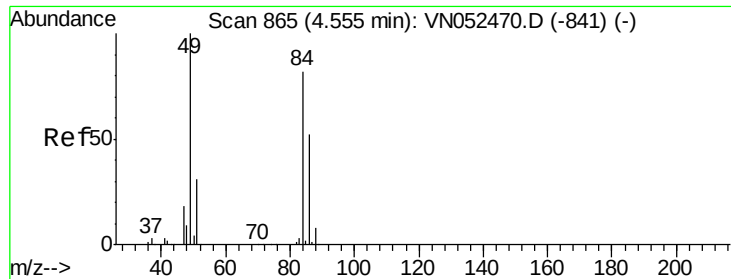
Tgt Ion: 43 Resp: 28649

Ion Ratio Lower Upper

43 100

58 35.9 26.0 39.0

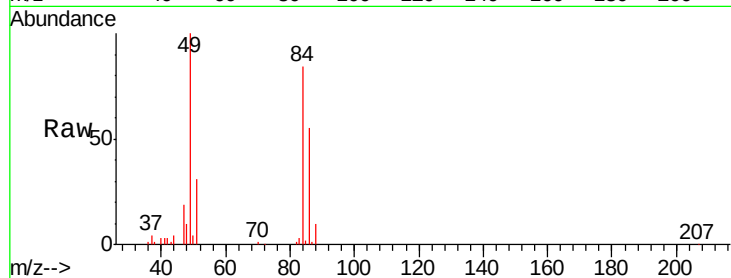




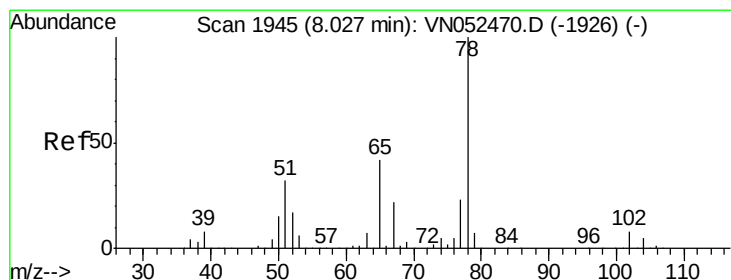
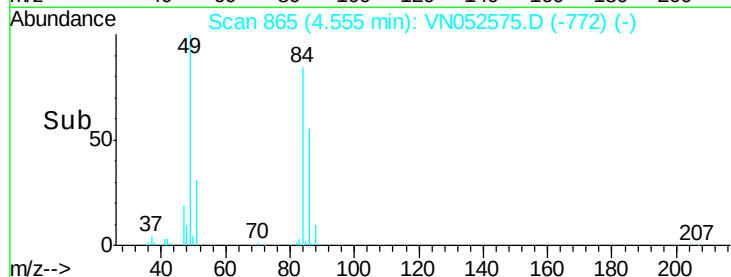
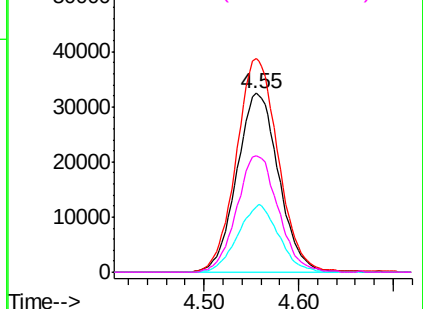
#20
Methylene Chloride
Concen: 6.856 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN052575.D
Acq: 29 Nov 2018 19:45

Instrument :
MSVOA_N
ClientSampleId :
CL-02-112818-D

Tgt Ion: 84 Resp: 99967
Ion Ratio Lower Upper
84 100
49 119.5 98.0 147.0
51 36.7 30.1 45.1
86 65.3 50.7 76.1

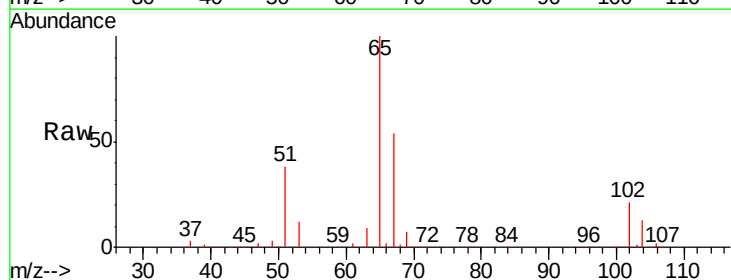


Abundance Ion 83.90 (83.60 to 84.60): VN0
Ion 48.90 (48.60 to 49.60): VN0
Ion 50.90 (50.60 to 51.60): VN0
Ion 85.90 (85.60 to 86.60): VN0

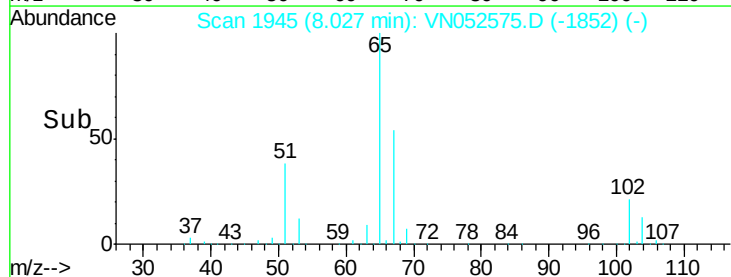
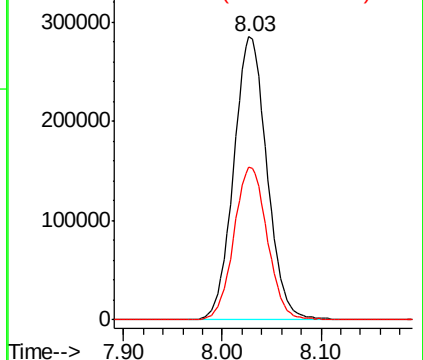


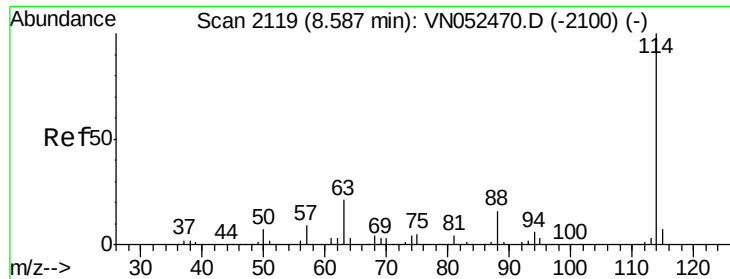
#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN052575.D
Acq: 29 Nov 2018 19:45

Tgt Ion: 65 Resp: 668325
Ion Ratio Lower Upper
65 100
67 54.2 0.0 109.8



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0

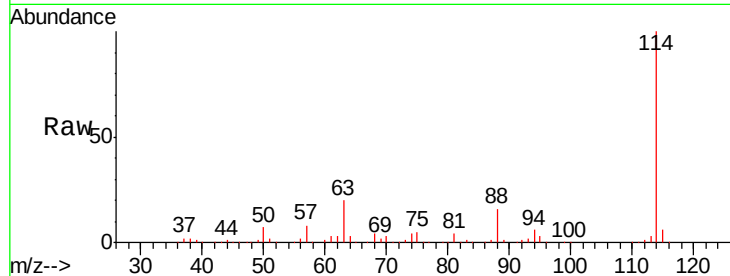




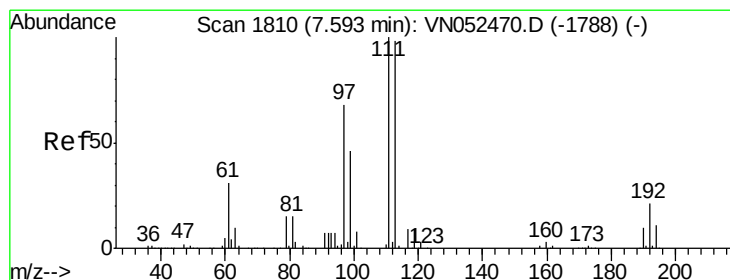
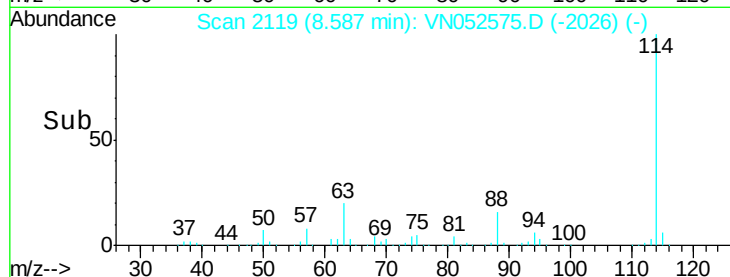
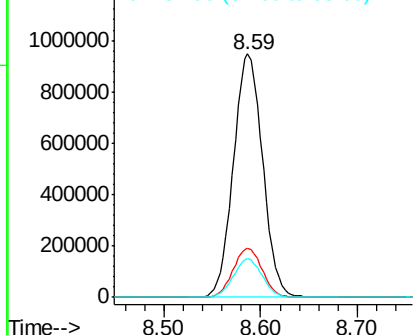
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN052575.D
 Acq: 29 Nov 2018 19:45

Instrument :
 MSVOA_N
 ClientSampleId :
 CL-02-112818-D

Tgt Ion:114 Resp: 1989789
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 41.8
 88 15.7 0.0 31.6

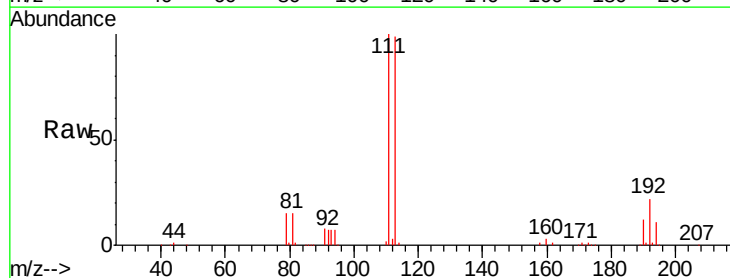


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

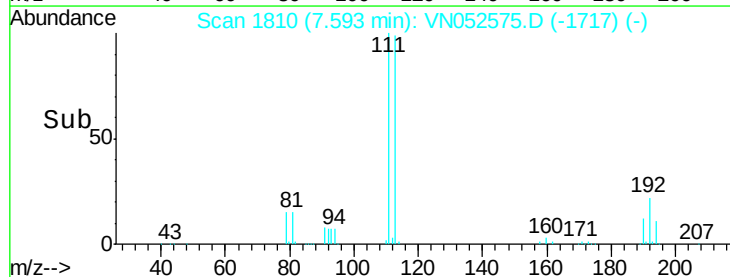
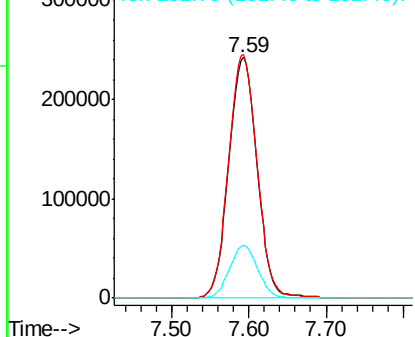


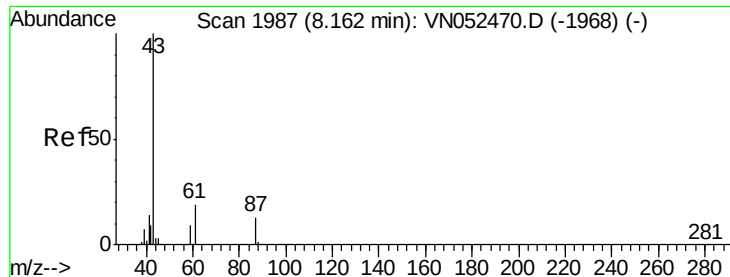
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN052575.D
 Acq: 29 Nov 2018 19:45

Tgt Ion:113 Resp: 614432
 Ion Ratio Lower Upper
 113 100
 111 101.7 82.0 123.0
 192 21.6 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: 2.905 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN052575.D

Acq: 29 Nov 2018 19:45

Instrument :

MSVOA_N

ClientSampleId :

CL-02-112818-D

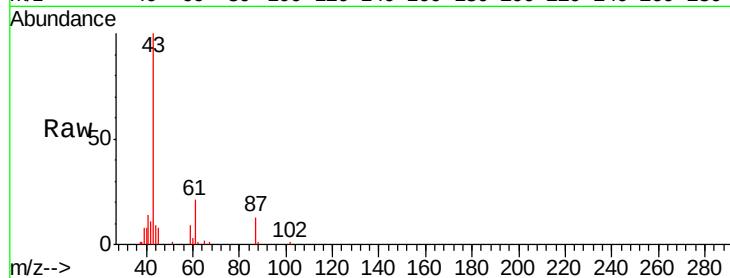
Tgt Ion: 43 Resp: 56377

Ion Ratio Lower Upper

43 100

61 16.4 24.1 36.1#

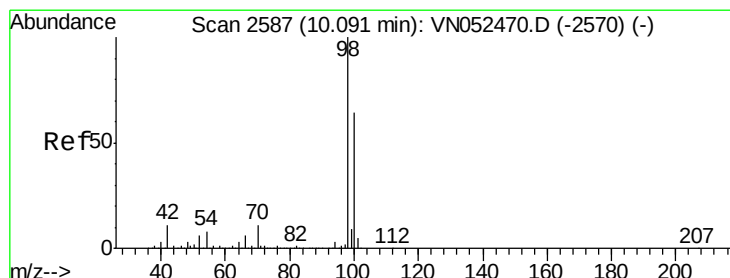
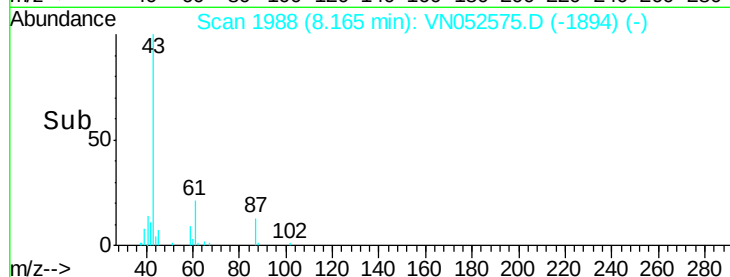
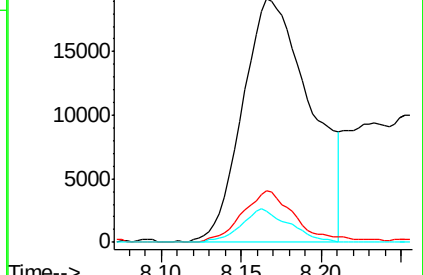
87 9.6 10.6 15.8#



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) (-)



#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN052575.D

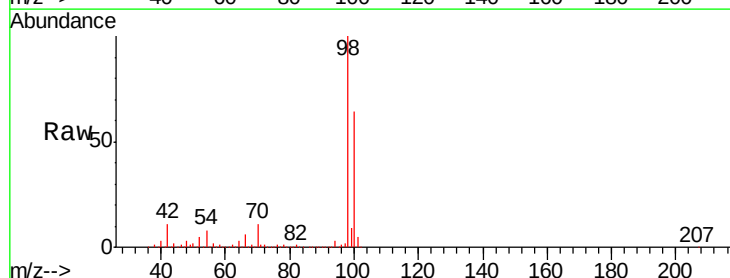
Acq: 29 Nov 2018 19:45

Tgt Ion: 98 Resp: 2433391

Ion Ratio Lower Upper

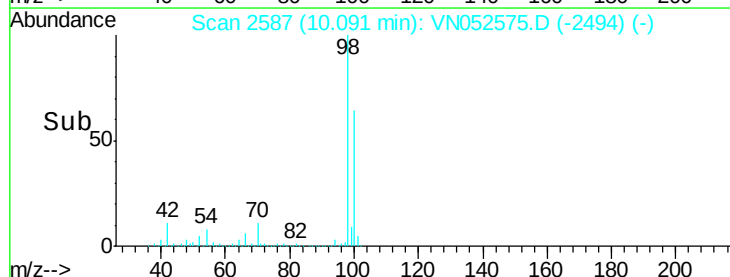
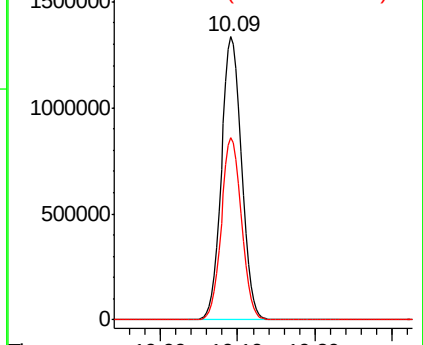
98 100

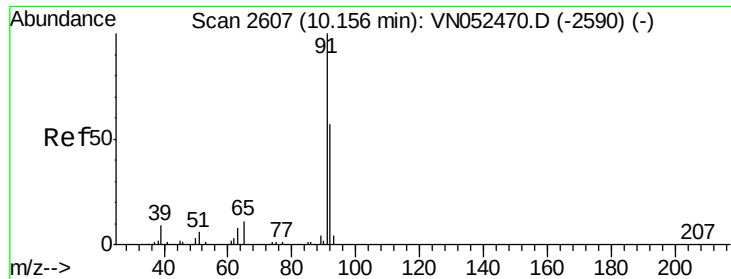
100 63.9 51.3 76.9



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

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





#52

Toluene

Concen: 1.256 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN052575.D

Acq: 29 Nov 2018 19:45

Instrument :

MSVOA_N

ClientSampleId :

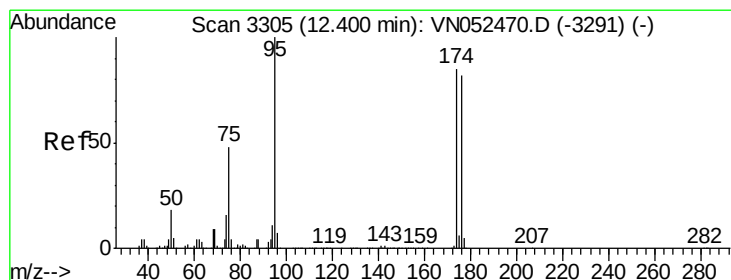
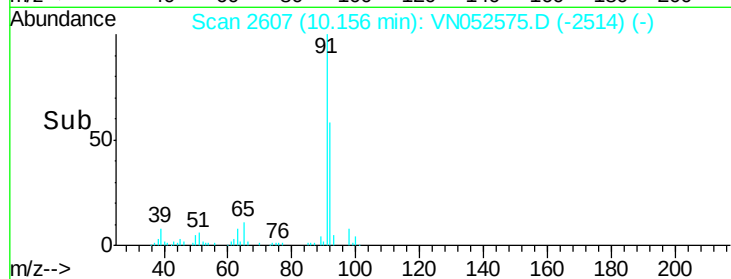
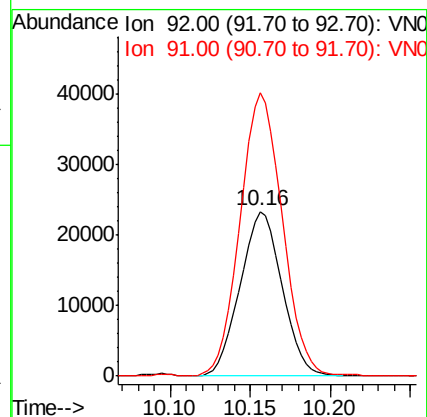
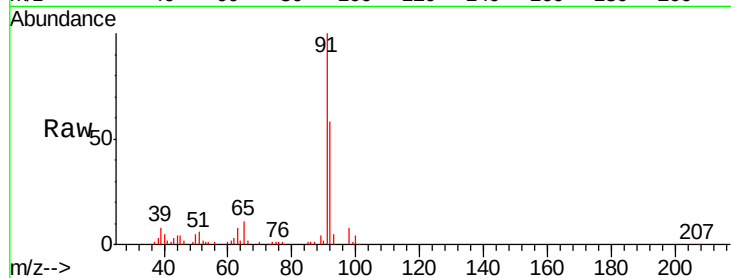
CL-02-112818-D

Tgt Ion: 92 Resp: 41774

Ion Ratio Lower Upper

92 100

91 173.3 141.0 211.4



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN052575.D

Acq: 29 Nov 2018 19:45

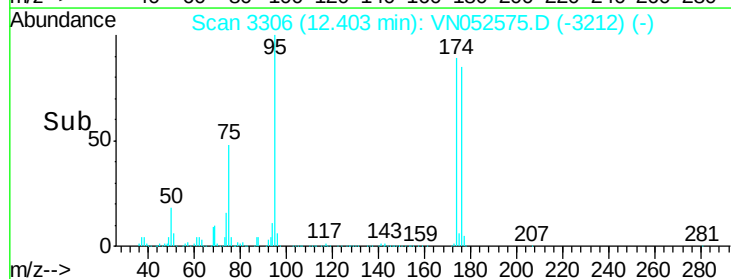
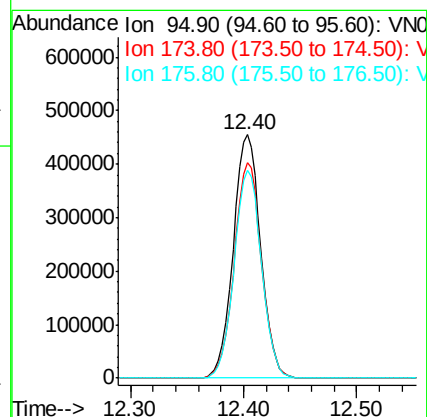
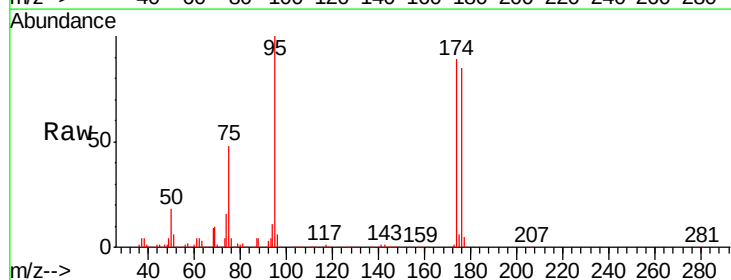
Tgt Ion: 95 Resp: 764755

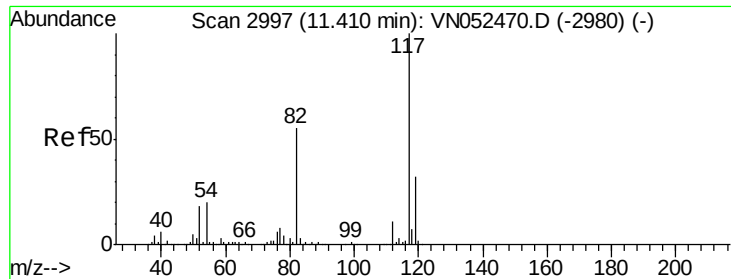
Ion Ratio Lower Upper

95 100

174 88.0 0.0 173.0

176 85.4 0.0 166.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN052575.D

Acq: 29 Nov 2018 19:45

Instrument :

MSVOA_N

ClientSampled :

CL-02-112818-D

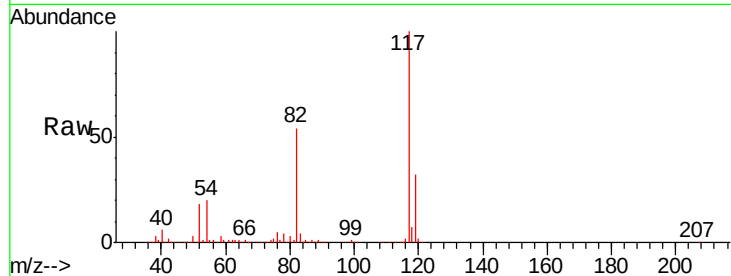
Tgt Ion:117 Resp: 1742693

Ion Ratio Lower Upper

117 100

82 54.3 43.6 65.4

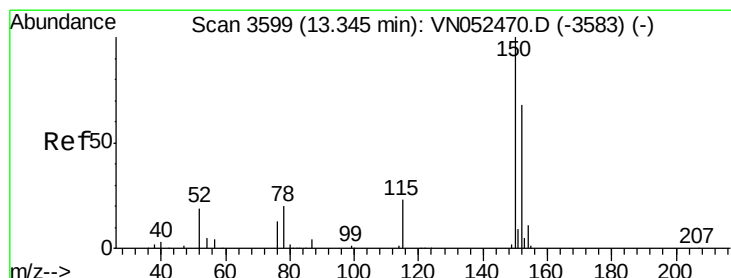
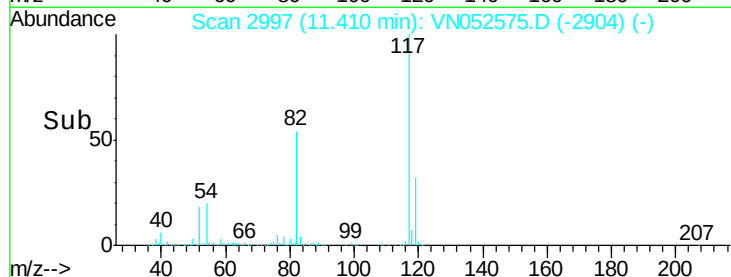
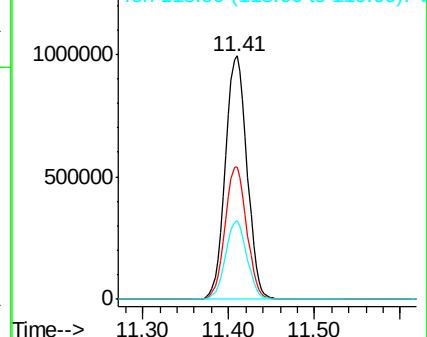
119 32.0 25.4 38.2



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN052575.D

Acq: 29 Nov 2018 19:45

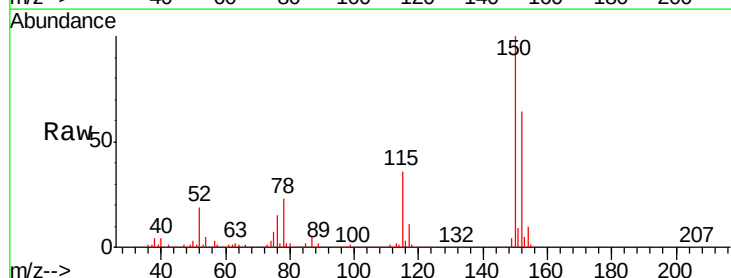
Tgt Ion:152 Resp: 669622

Ion Ratio Lower Upper

152 100

115 56.8 28.4 85.2

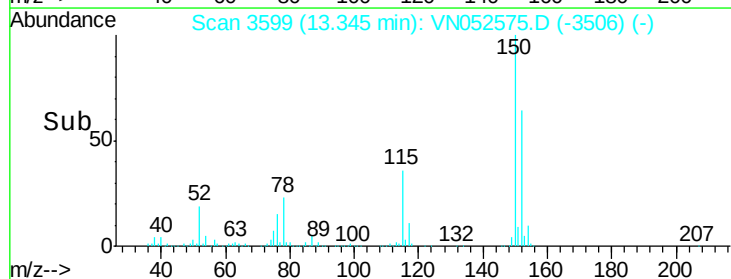
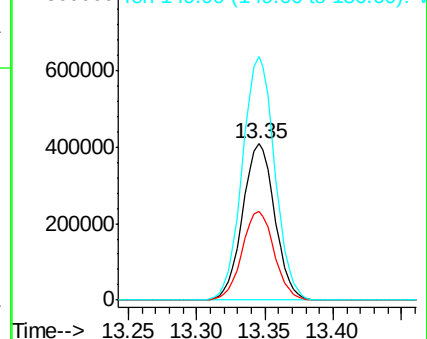
150 157.0 0.0 346.0

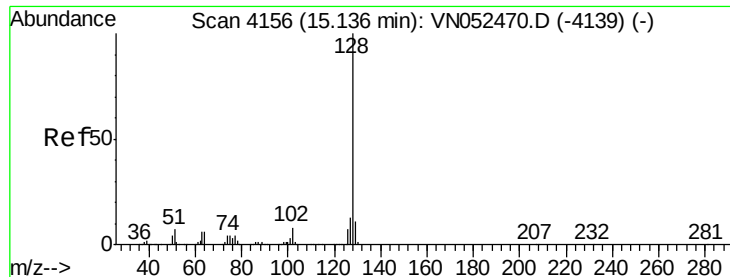


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#95

Naphthalene

Concen: 4.732 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.00 min

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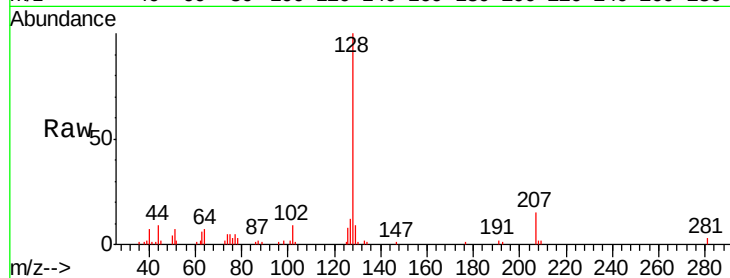
Tgt Ion:128 Resp: 35268

Ion Ratio Lower Upper

128 100

127 13.1 10.2 15.2

129 9.6 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

