

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN112918\
 Data File : VN052572.D
 Acq On : 29 Nov 2018 18:25
 Operator : MD\SY
 Sample : J5767-18
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 28

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

Quant Time: Nov 30 03:37:03 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

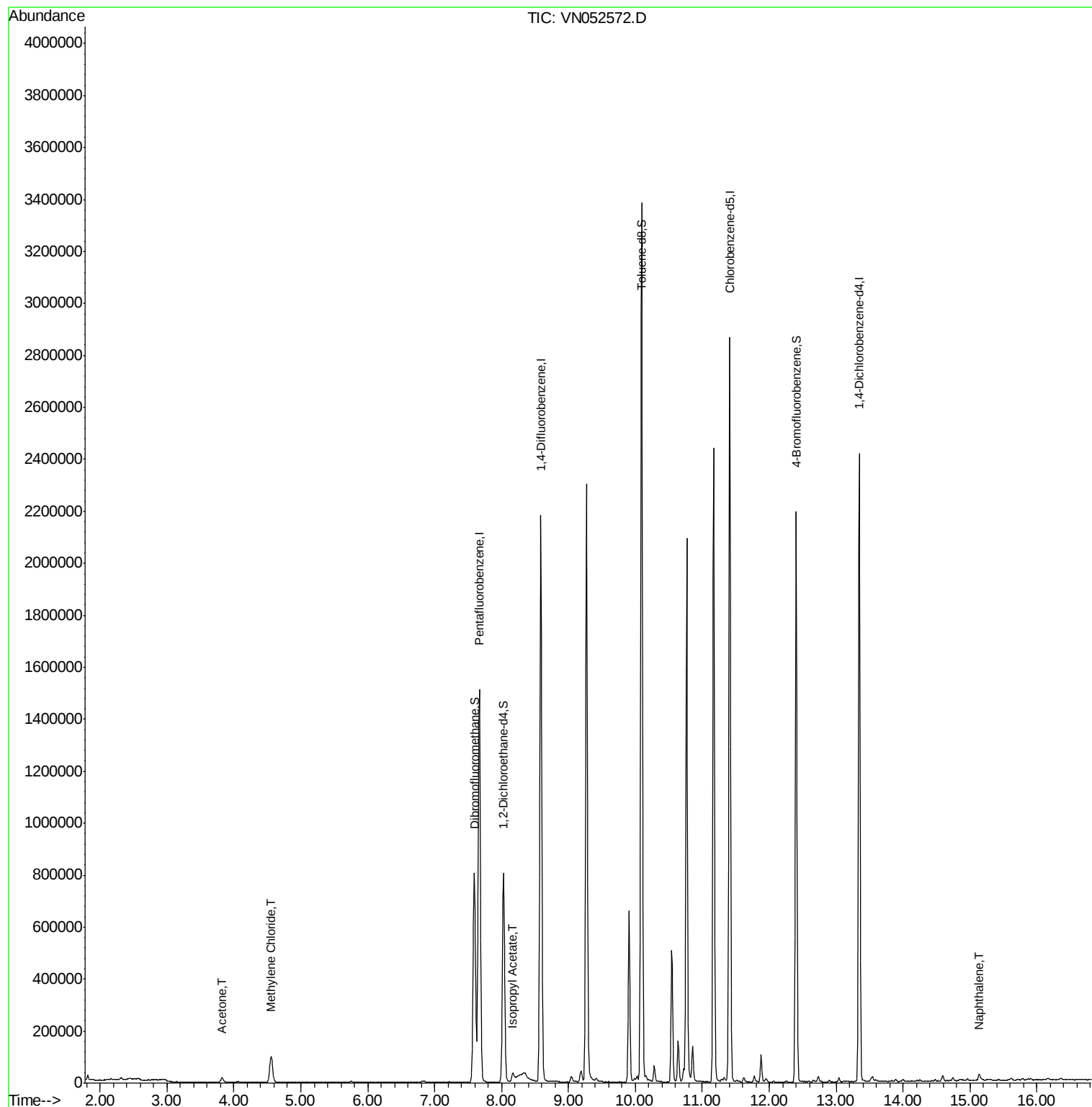
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1318599	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2014356	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1751268	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	670209	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	678151	47.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.46%	
35) Dibromofluoromethane	7.59	113	625320	50.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.70%	
50) Toluene-d8	10.09	98	2450706	50.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.40%	
62) 4-Bromofluorobenzene	12.40	95	766122	47.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.32%	
Target Compounds						
16) Acetone	3.82	43	33039	8.725	ug/l	98
20) Methylene Chloride	4.56	84	77775	5.248	ug/l	100
43) Isopropyl Acetate	8.17	43	52656	2.680	ug/l #	81
95) Naphthalene	15.14	128	21037	4.205	ug/l	98

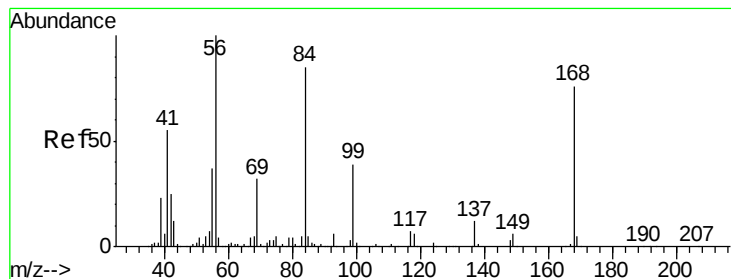
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN052572.D

Acq: 29 Nov 2018 18:25

Instrument :

MSVOA_N

ClientSampleId :

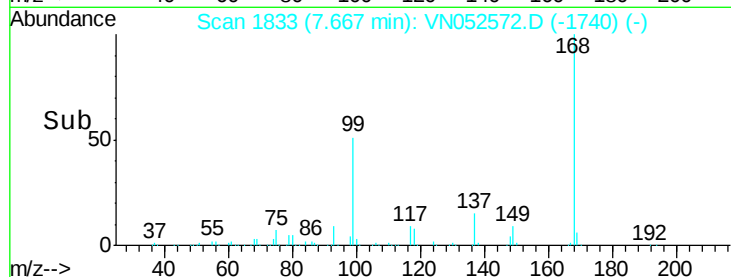
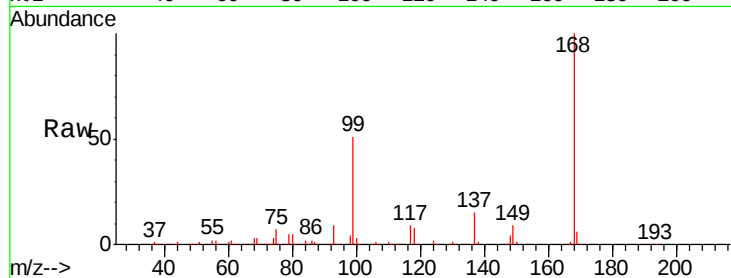
CL-02-112818-A

Tgt Ion:168 Resp: 1318599

Ion Ratio Lower Upper

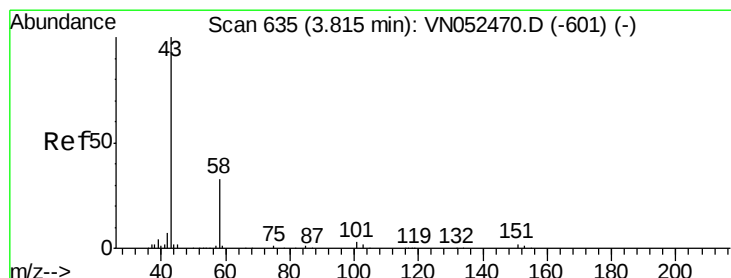
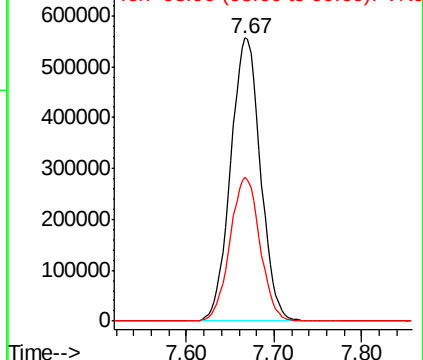
168 100

99 50.8 41.7 62.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#16

Acetone

Concen: 8.725 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN052572.D

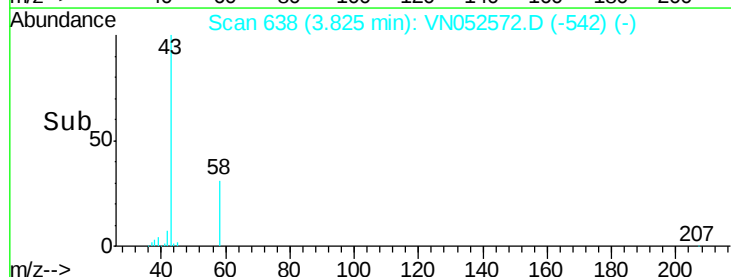
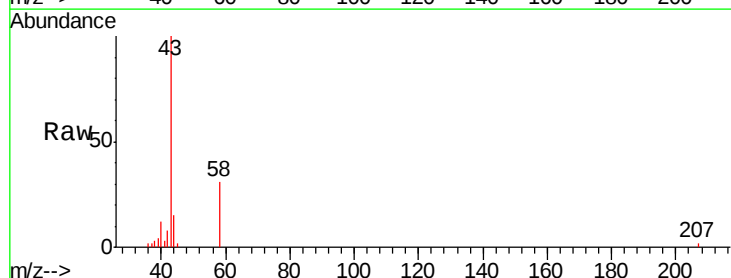
Acq: 29 Nov 2018 18:25

Tgt Ion: 43 Resp: 33039

Ion Ratio Lower Upper

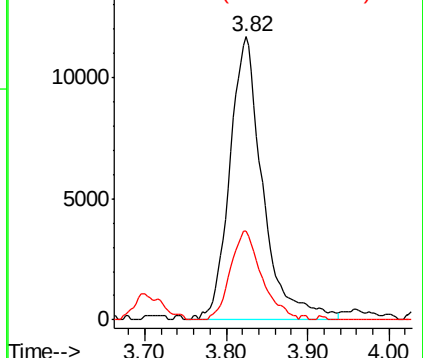
43 100

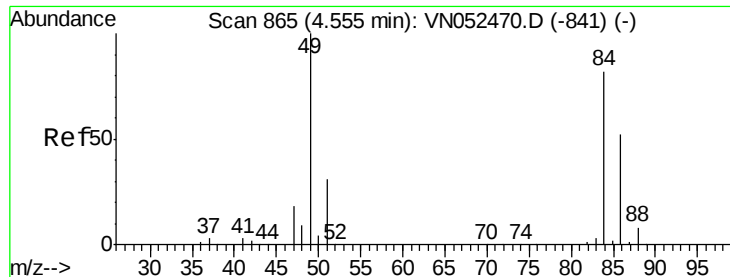
58 31.4 26.0 39.0



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

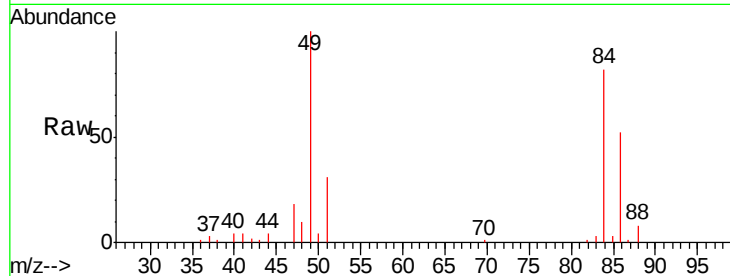




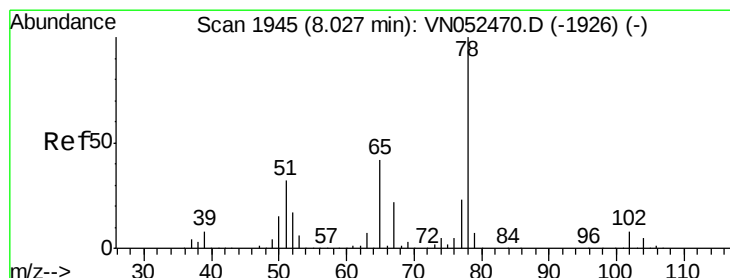
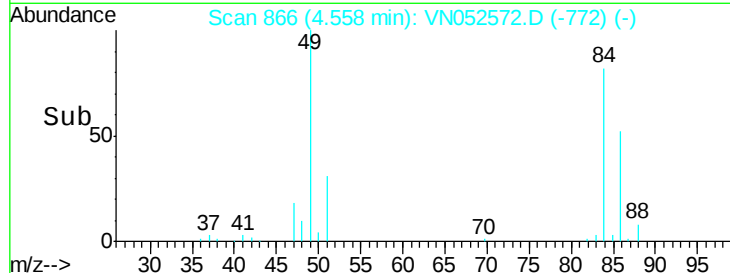
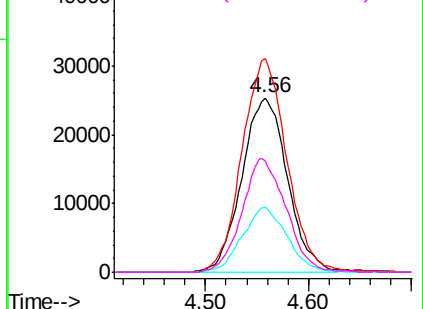
#20
Methylene Chloride
Concen: 5.248 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.00 min
Lab File: VN052572.D
Acq: 29 Nov 2018 18:25

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

Tgt Ion: 84 Resp: 77775
Ion Ratio Lower Upper
84 100
49 122.3 98.0 147.0
51 37.6 30.1 45.1
86 63.6 50.7 76.1

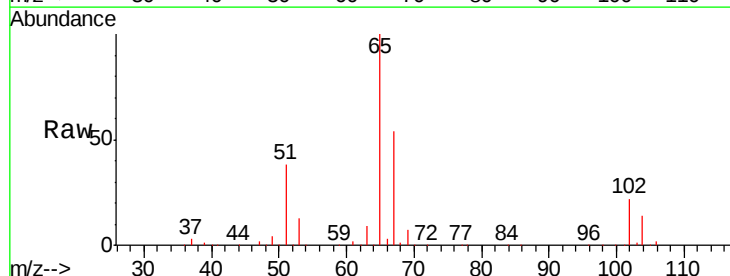


Abundance Ion 83.90 (83.60 to 84.60): VN0
Ion 48.90 (48.60 to 49.60): VN0
Ion 50.90 (50.60 to 51.60): VN0
Ion 85.90 (85.60 to 86.60): VN0

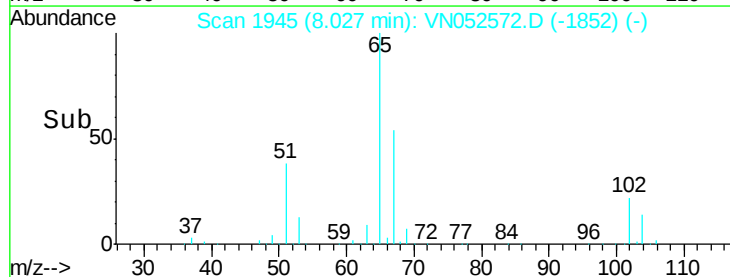
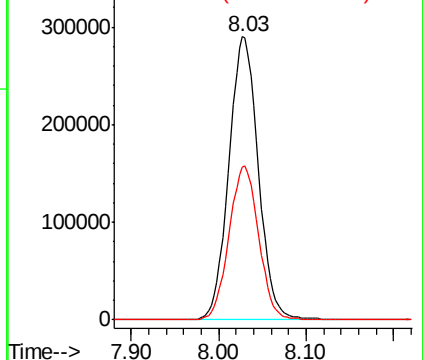


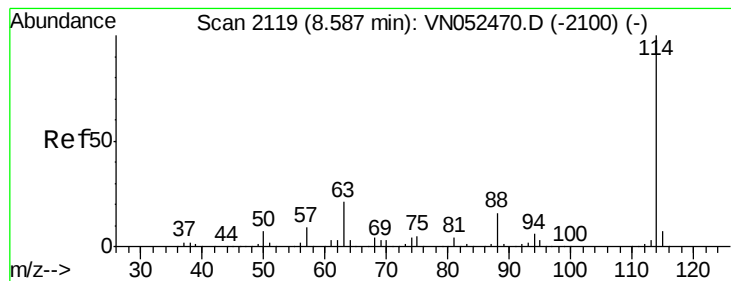
#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN052572.D
Acq: 29 Nov 2018 18:25

Tgt Ion: 65 Resp: 678151
Ion Ratio Lower Upper
65 100
67 54.7 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: VN052572.D

Acq: 29 Nov 2018 18:25

Instrument :

MSVOA_N

ClientSampleId :

CL-02-112818-A

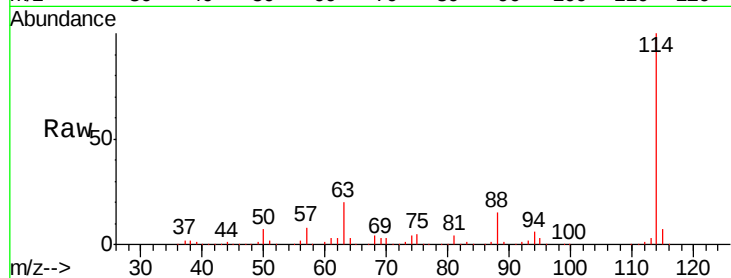
Tgt Ion:114 Resp: 2014356

Ion Ratio Lower Upper

114 100

63 19.9 0.0 41.8

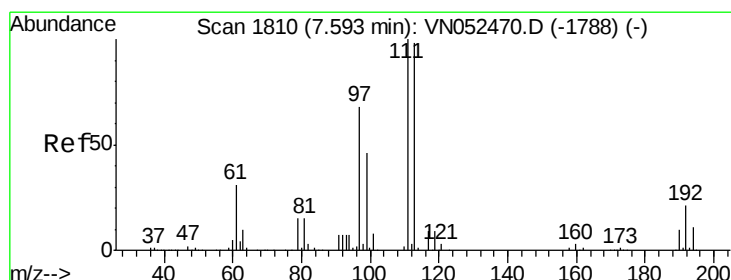
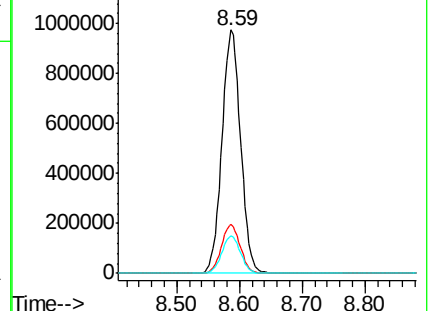
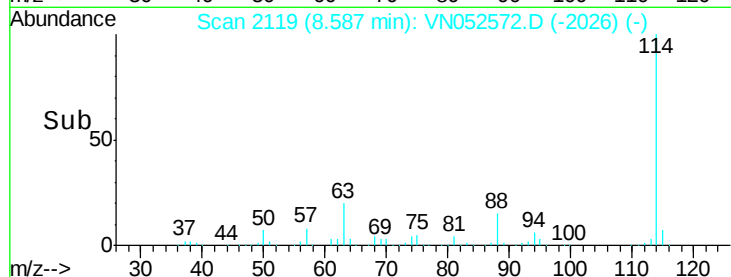
88 15.3 0.0 31.6



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: VN052572.D

Acq: 29 Nov 2018 18:25

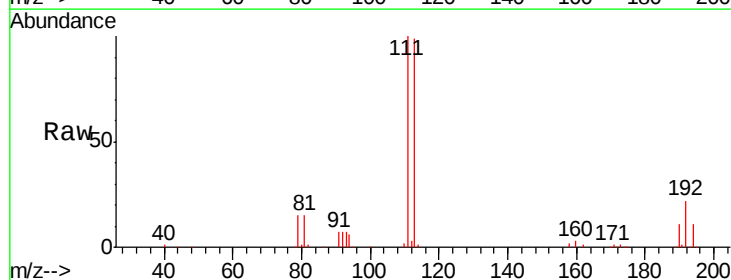
Tgt Ion:113 Resp: 625320

Ion Ratio Lower Upper

113 100

111 101.6 82.0 123.0

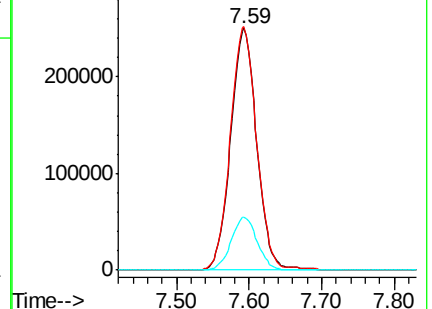
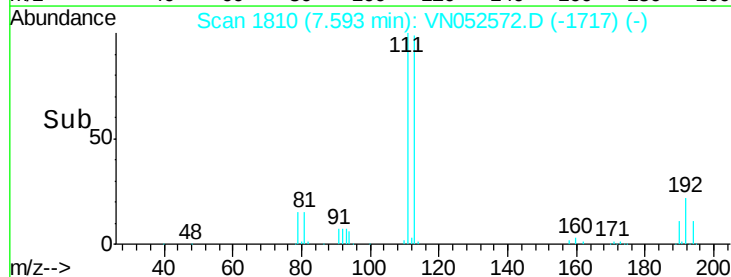
192 22.0 17.0 25.6

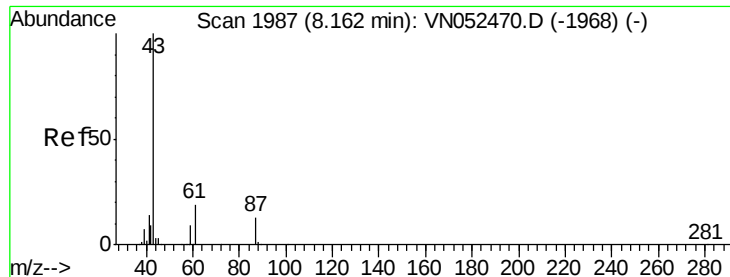


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 2.680 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.01 min

Lab File: VN052572.D

Acq: 29 Nov 2018 18:25

Instrument :

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ClientSampleId :

CL-02-112818-A

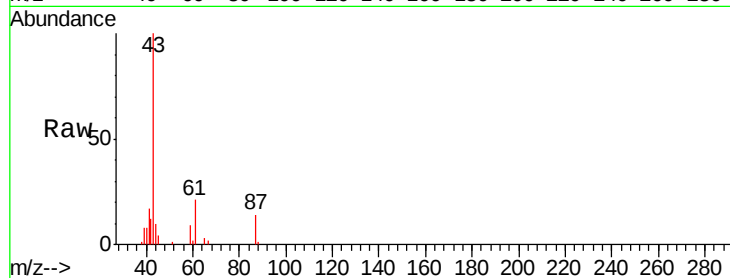
Tgt Ion: 43 Resp: 52656

Ion Ratio Lower Upper

43 100

61 16.4 24.1 36.1#

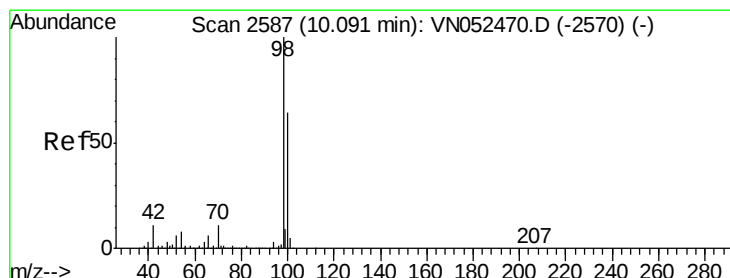
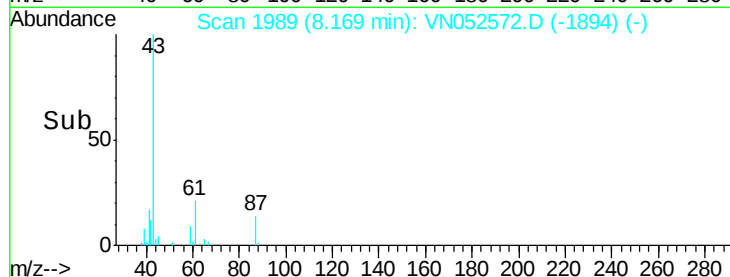
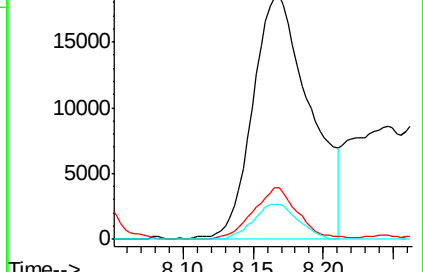
87 11.1 10.6 15.8



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: VN052572.D

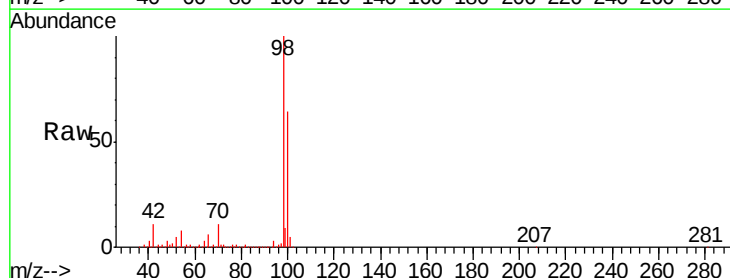
Acq: 29 Nov 2018 18:25

Tgt Ion: 98 Resp: 2450706

Ion Ratio Lower Upper

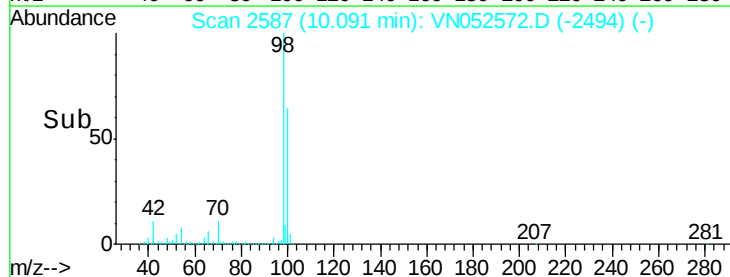
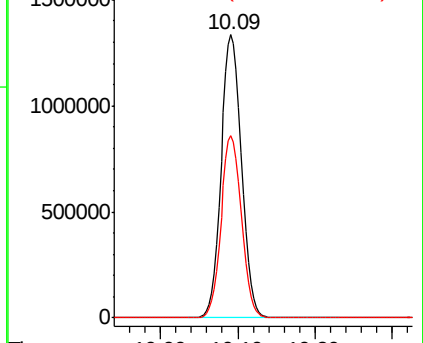
98 100

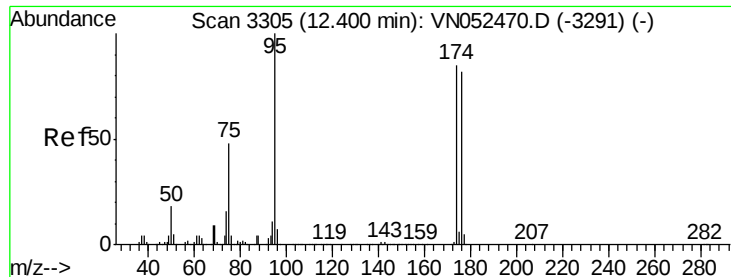
100 64.3 51.3 76.9



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

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





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN052572.D

Acq: 29 Nov 2018 18:25

Instrument :

MSVOA_N

ClientSampleId :

CL-02-112818-A

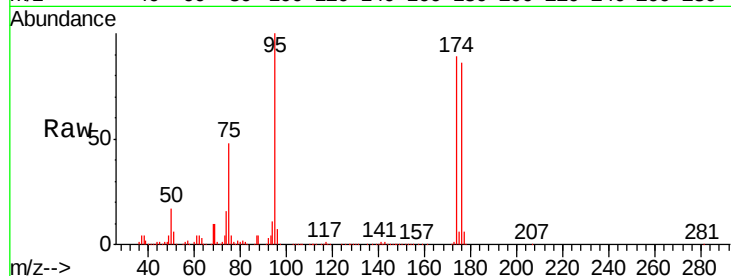
Tgt Ion: 95 Resp: 766122

Ion Ratio Lower Upper

95 100

174 88.3 0.0 173.0

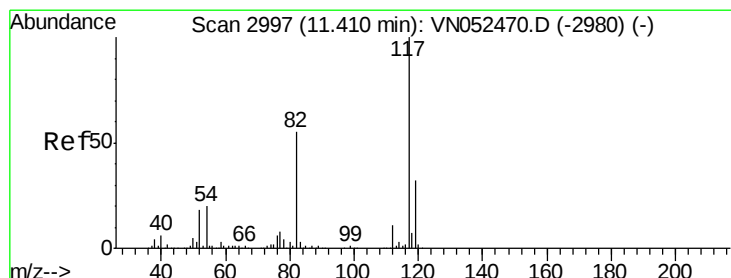
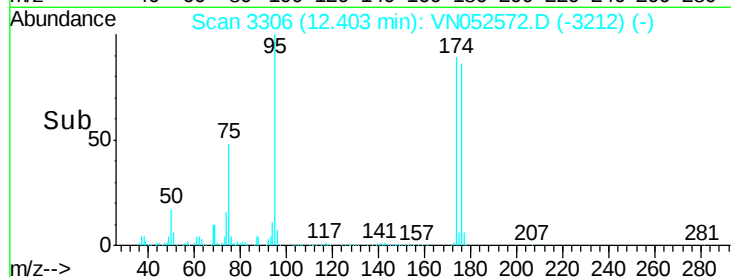
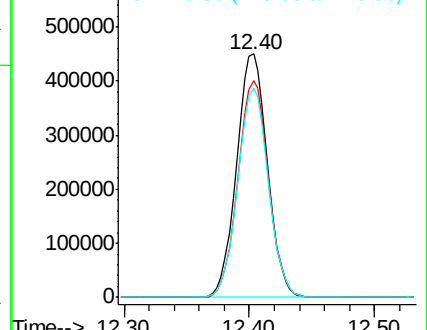
176 85.7 0.0 166.2



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) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. -0.00 min

Lab File: VN052572.D

Acq: 29 Nov 2018 18:25

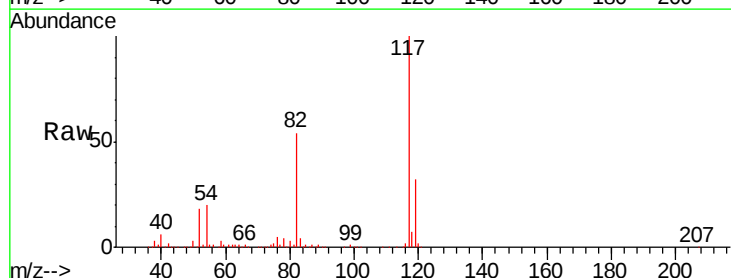
Tgt Ion: 117 Resp: 1751268

Ion Ratio Lower Upper

117 100

82 54.3 43.6 65.4

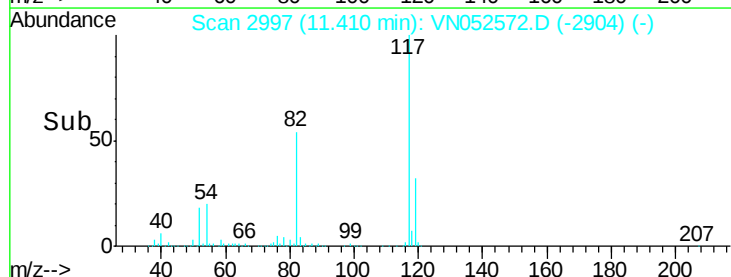
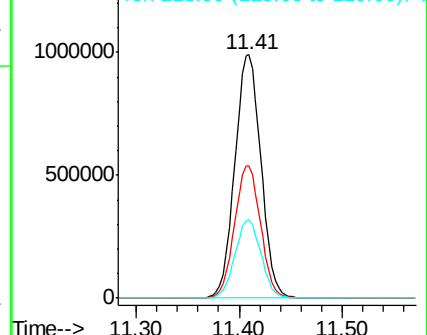
119 32.2 25.4 38.2

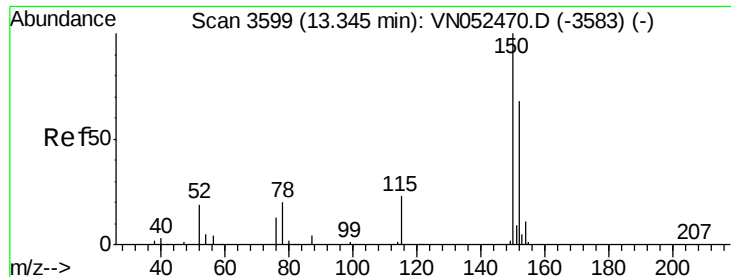


Abundance Ion 116.90 (116.60 to 117.60): VN052470.D (-2980) (-)

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

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





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. -0.00 min

Lab File: VN052572.D

Acq: 29 Nov 2018 18:25

Instrument :

MSVOA_N

ClientSampleId :

CL-02-112818-A

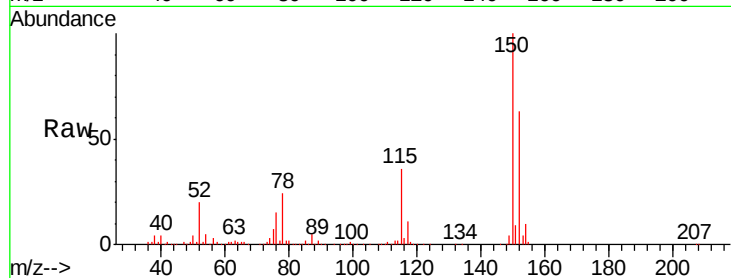
Tgt Ion:152 Resp: 670209

Ion Ratio Lower Upper

152 100

115 56.7 28.4 85.2

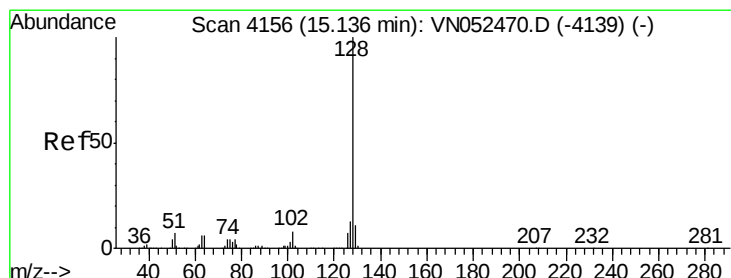
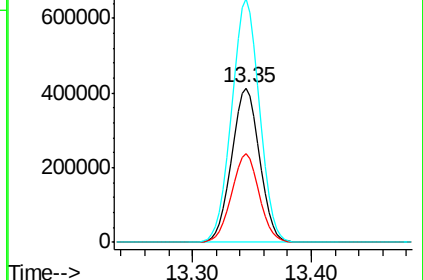
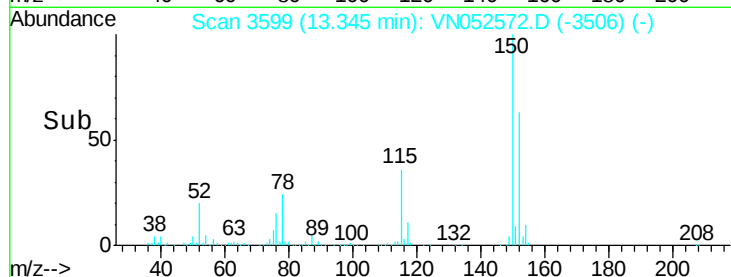
150 157.2 0.0 346.0



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: 4.205 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN052572.D

Acq: 29 Nov 2018 18:25

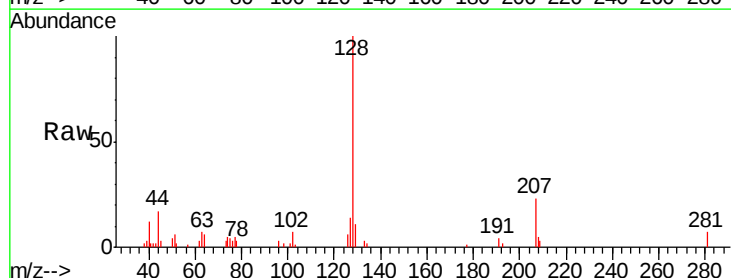
Tgt Ion:128 Resp: 21037

Ion Ratio Lower Upper

128 100

127 13.4 10.2 15.2

129 10.0 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

