

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN112918\
 Data File : VN052573.D
 Acq On : 29 Nov 2018 18:51
 Operator : MD\SY
 Sample : J5767-20
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 28

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

Quant Time: Nov 30 03:44:07 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

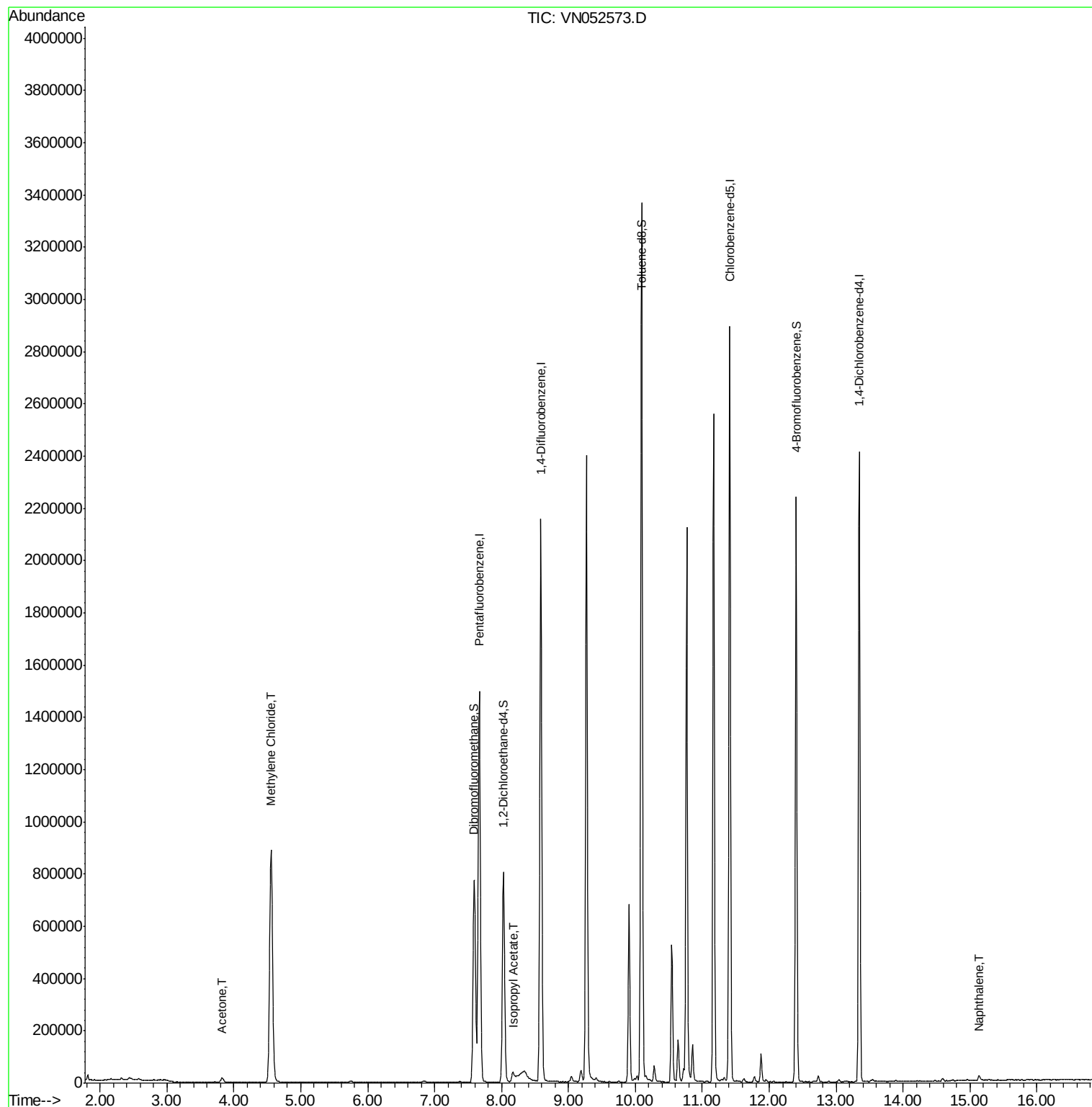
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1301532	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1995723	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1745103	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	671650	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	676921	47.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.54%	
35) Dibromofluoromethane	7.59	113	607148	49.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.70%	
50) Toluene-d8	10.09	98	2418138	50.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.98%	
62) 4-Bromofluorobenzene	12.40	95	766316	47.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.24%	
Target Compounds						
16) Acetone	3.82	43	31432	8.409	ug/l	95
20) Methylene Chloride	4.55	84	689428	47.134	ug/l	99
43) Isopropyl Acetate	8.17	43	56438	2.900	ug/l #	81
95) Naphthalene	15.14	128	15134	3.986	ug/l #	96

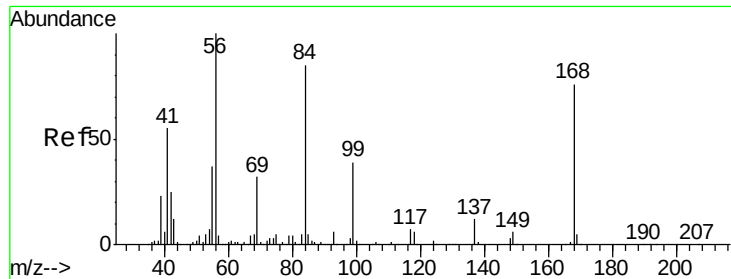
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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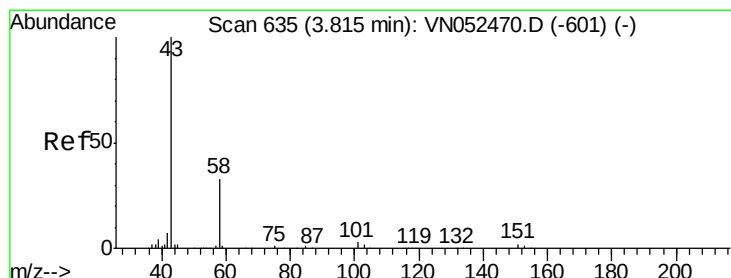
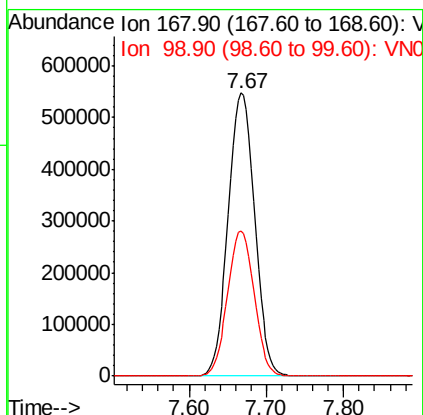
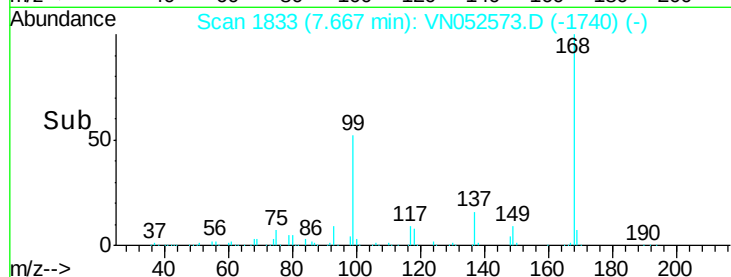
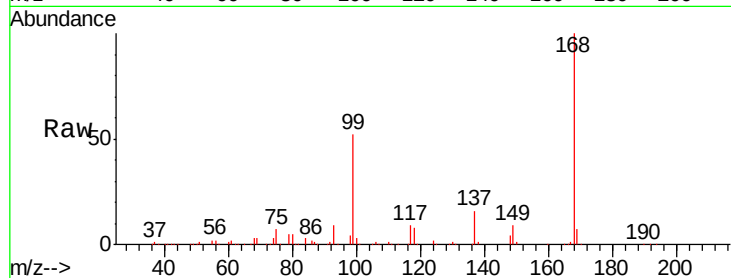




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VN052573.D
Acq: 29 Nov 2018 18:51

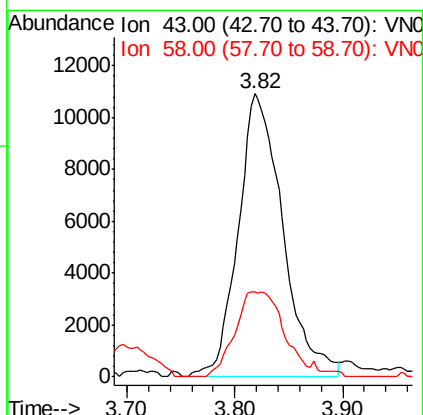
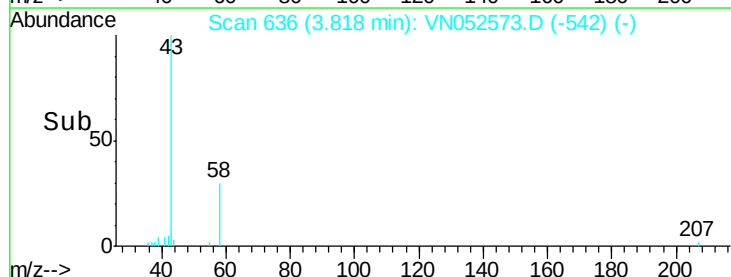
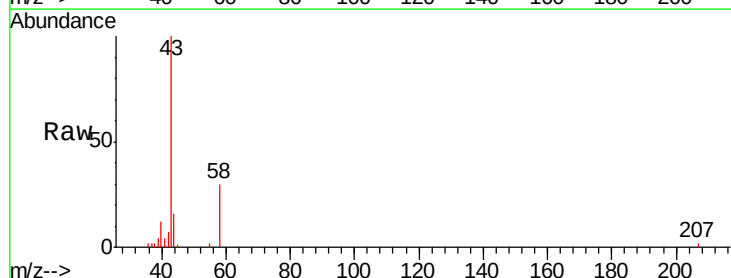
Instrument :
MSVOA_N
ClientSampleId :
CL-02-112818-B

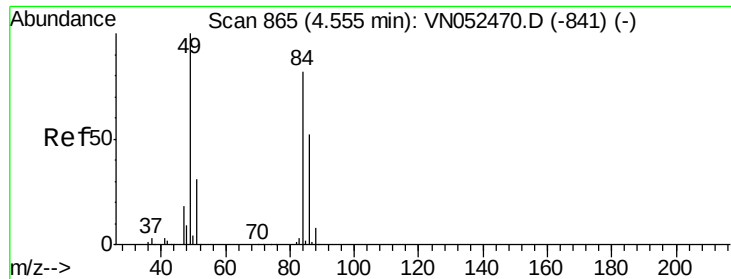
Tgt Ion: 168 Resp: 1301532
Ion Ratio Lower Upper
168 100
99 51.5 41.7 62.5



#16
Acetone
Concen: 8.409 ug/l
RT: 3.82 min Scan# 636
Delta R.T. 0.00 min
Lab File: VN052573.D
Acq: 29 Nov 2018 18:51

Tgt Ion: 43 Resp: 31432
Ion Ratio Lower Upper
43 100
58 29.9 26.0 39.0

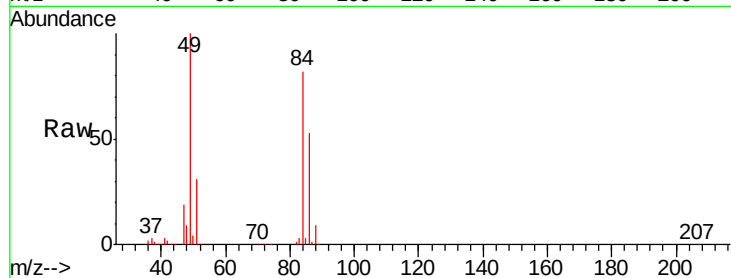




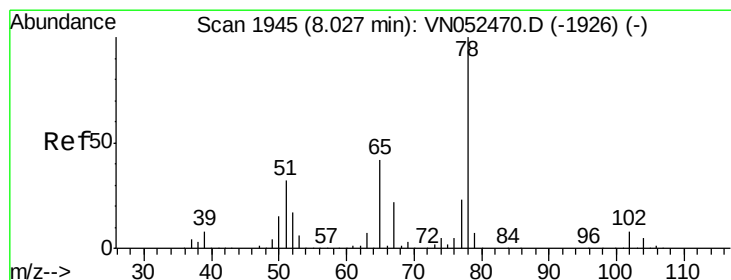
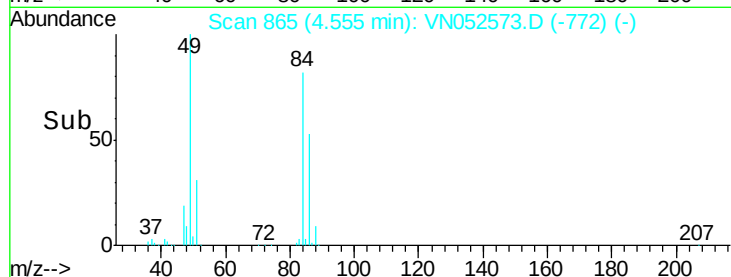
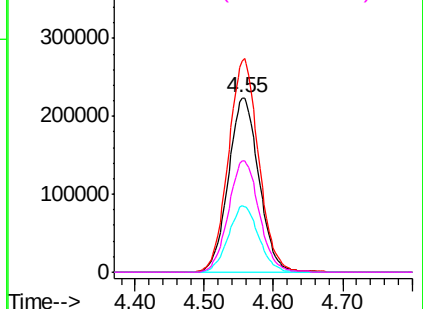
#20
Methylene Chloride
Concen: 47.134 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN052573.D
Acq: 29 Nov 2018 18:51

Instrument :
MSVOA_N
ClientSampled :
CL-02-112818-B

Tgt Ion: 84 Resp: 689428
Ion Ratio Lower Upper
84 100
49 121.4 98.0 147.0
51 37.9 30.1 45.1
86 64.1 50.7 76.1

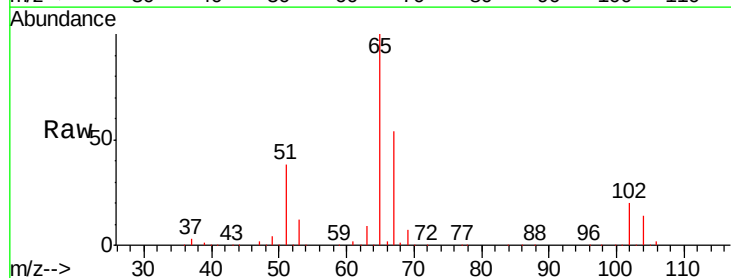


Abundance Ion 83.90 (83.60 to 84.60): VN0
Ion 48.90 (48.60 to 49.60): VN0
Ion 50.90 (50.60 to 51.60): VN0
Ion 85.90 (85.60 to 86.60): VN0

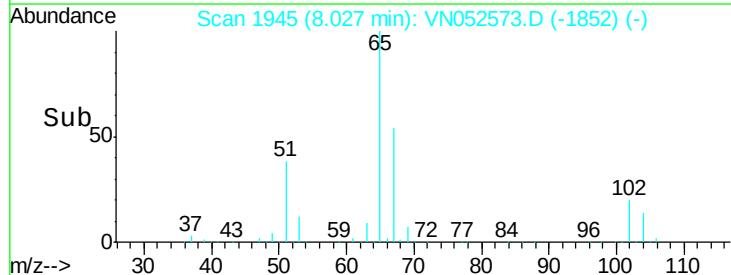
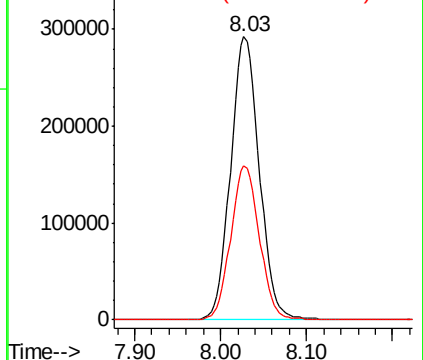


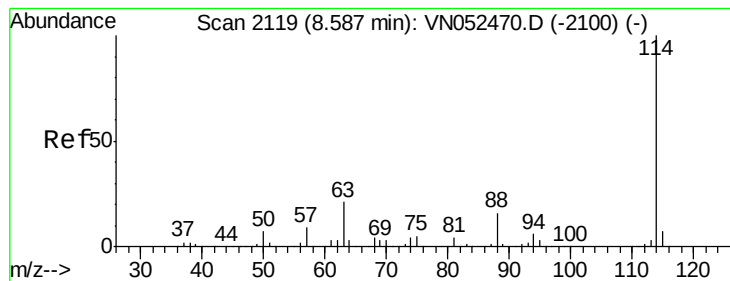
#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN052573.D
Acq: 29 Nov 2018 18:51

Tgt Ion: 65 Resp: 676921
Ion Ratio Lower Upper
65 100
67 54.3 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: VN052573.D

Acq: 29 Nov 2018 18:51

Instrument :

MSVOA_N

ClientSampleId :

CL-02-112818-B

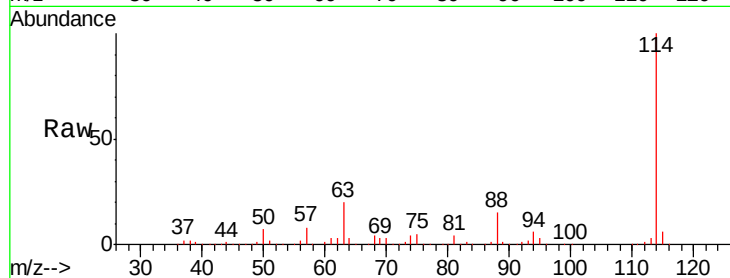
Tgt Ion:114 Resp: 1995723

Ion Ratio Lower Upper

114 100

63 20.1 0.0 41.8

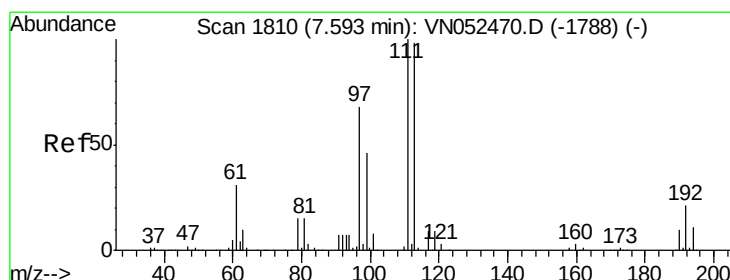
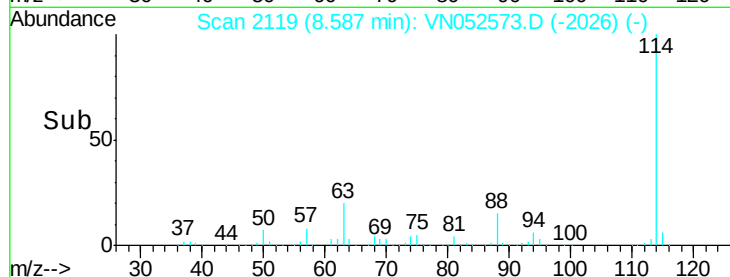
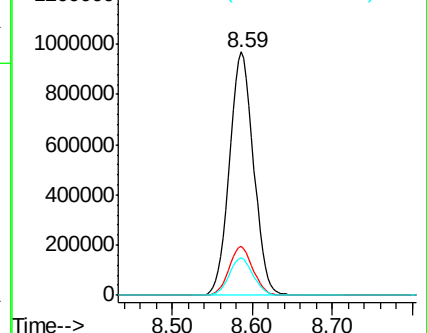
88 15.2 0.0 31.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0



#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. -0.00 min

Lab File: VN052573.D

Acq: 29 Nov 2018 18:51

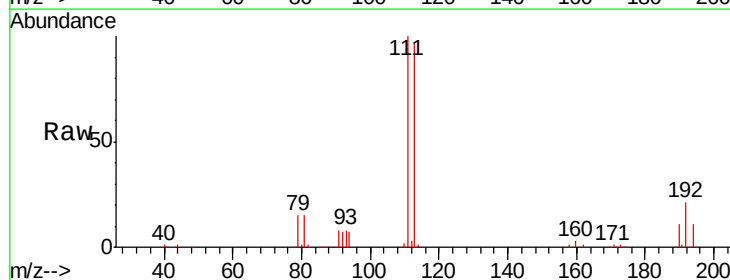
Tgt Ion:113 Resp: 607148

Ion Ratio Lower Upper

113 100

111 103.4 82.0 123.0

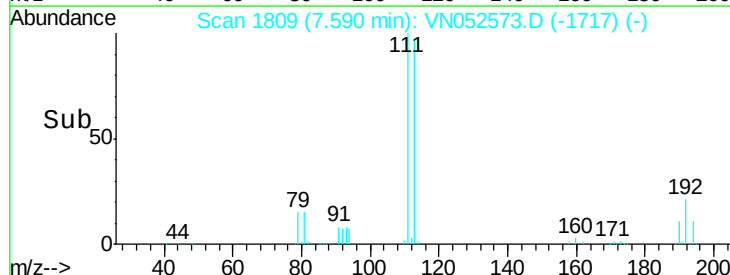
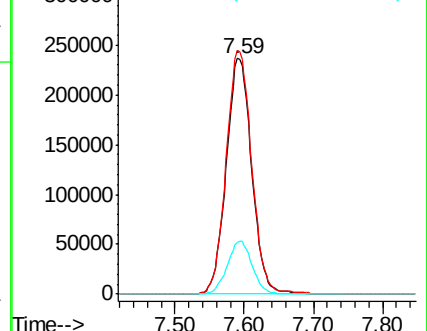
192 22.0 17.0 25.6

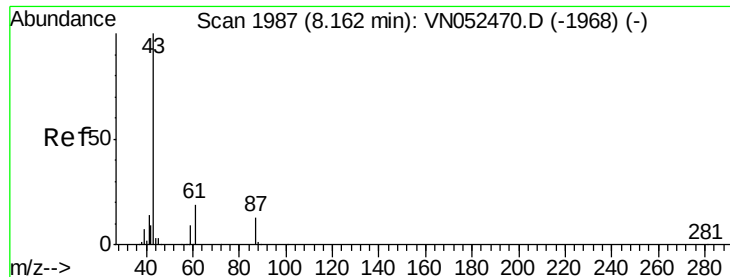


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 2.900 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.01 min

Lab File: VN052573.D

Acq: 29 Nov 2018 18:51

Instrument :

MSVOA_N

ClientSampleId :

CL-02-112818-B

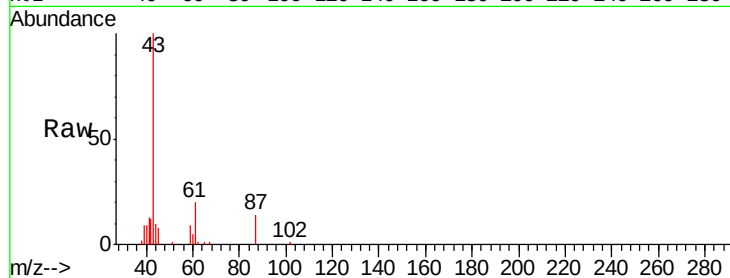
Tgt Ion: 43 Resp: 56438

Ion Ratio Lower Upper

43 100

61 16.5 24.1 36.1#

87 11.1 10.6 15.8



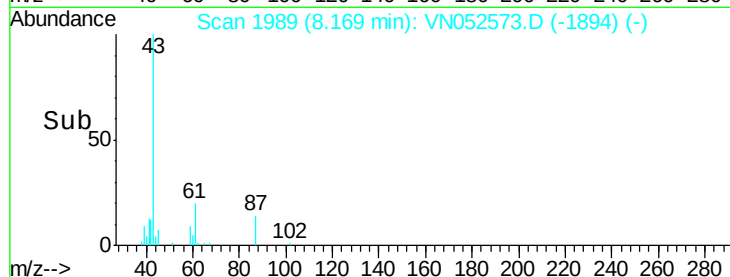
Abundance Ion 43.00 (42.70 to 43.70): VN052470.D (-1968) (-)

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

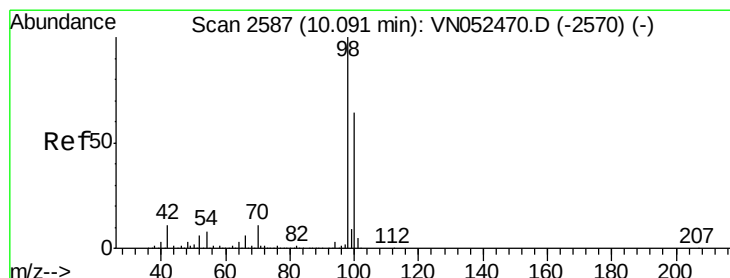
Ion 87.00 (86.70 to 87.70): VN052470.D (-1968) (-)

Time-->

8.10 8.15 8.20



Time-->



#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN052573.D

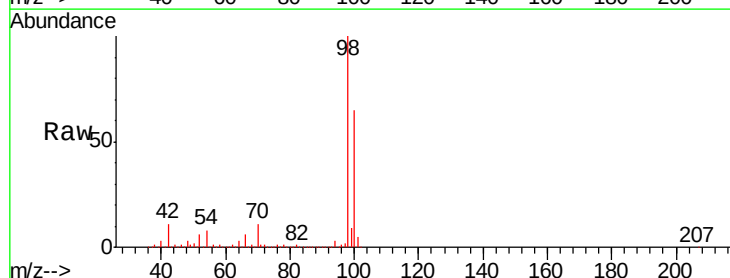
Acq: 29 Nov 2018 18:51

Tgt Ion: 98 Resp: 2418138

Ion Ratio Lower Upper

98 100

100 64.4 51.3 76.9

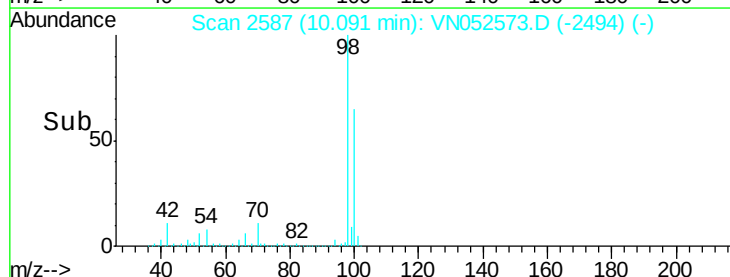


Abundance Ion 98.00 (97.70 to 98.70): VN052470.D (-2570) (-)

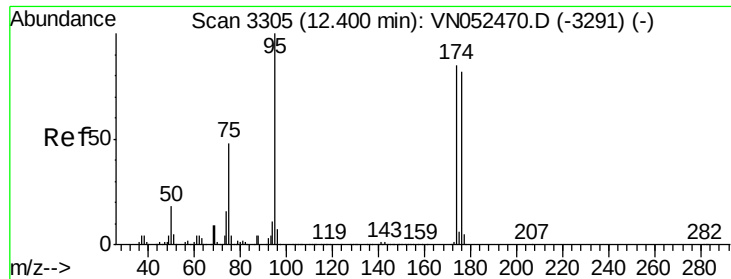
Ion 100.00 (99.70 to 100.70): VN052470.D (-2570) (-)

Time-->

10.00 10.10 10.20



Time-->



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN052573.D

Acq: 29 Nov 2018 18:51

Instrument :

MSVOA_N

ClientSampleId :

CL-02-112818-B

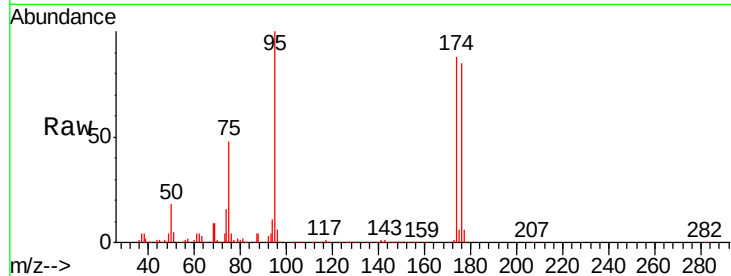
Tgt Ion: 95 Resp: 766316

Ion Ratio Lower Upper

95 100

174 88.1 0.0 173.0

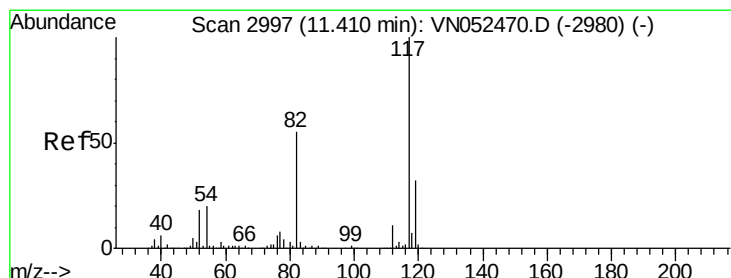
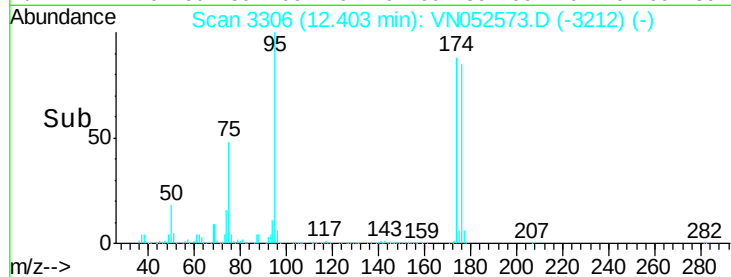
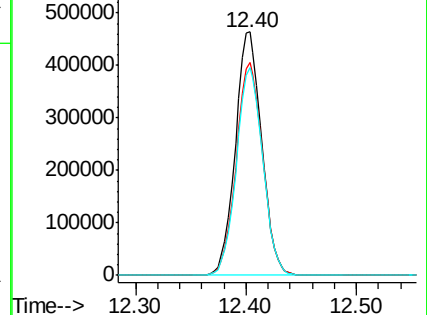
176 85.4 0.0 166.2



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: VN052573.D

Acq: 29 Nov 2018 18:51

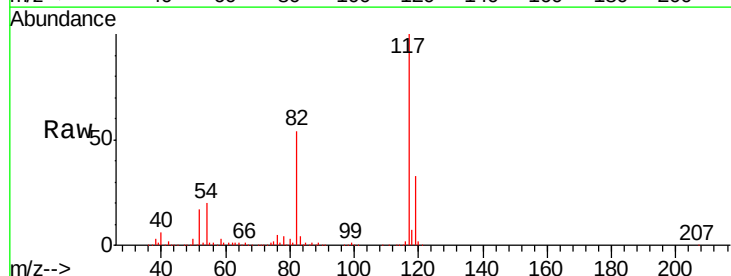
Tgt Ion: 117 Resp: 1745103

Ion Ratio Lower Upper

117 100

82 53.8 43.6 65.4

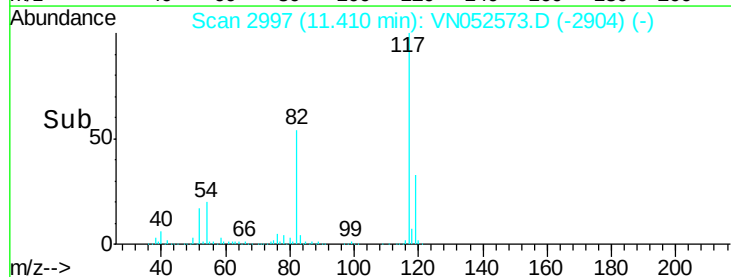
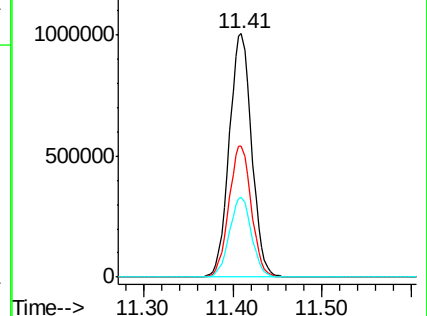
119 32.7 25.4 38.2

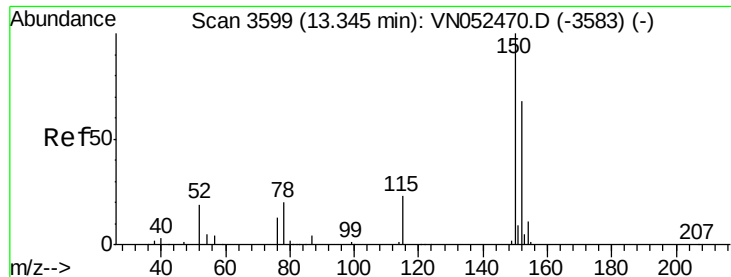


Abundance Ion 116.90 (116.60 to 117.60): VN052470.D (-2980) (-)

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: VN052573.D

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Instrument :

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ClientSampleId :

CL-02-112818-B

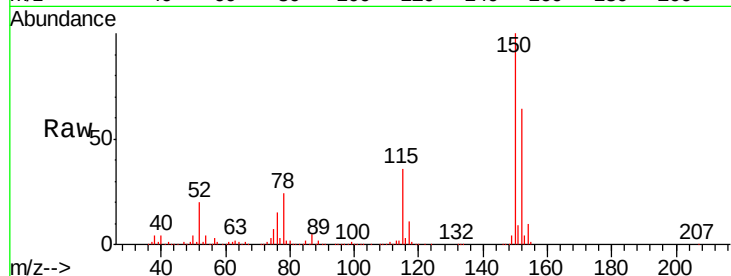
Tgt Ion:152 Resp: 671650

Ion Ratio Lower Upper

152 100

115 56.8 28.4 85.2

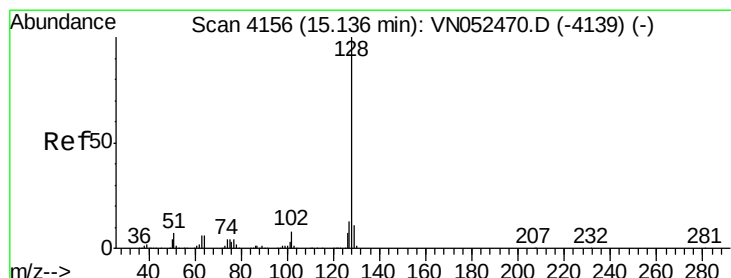
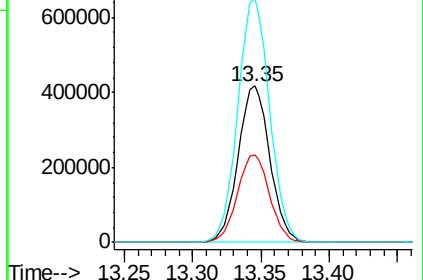
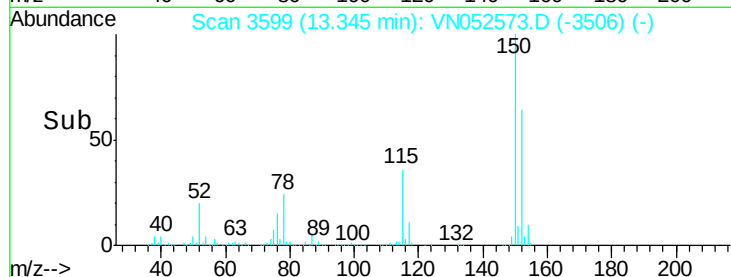
150 157.0 0.0 346.0



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: 3.986 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN052573.D

Acq: 29 Nov 2018 18:51

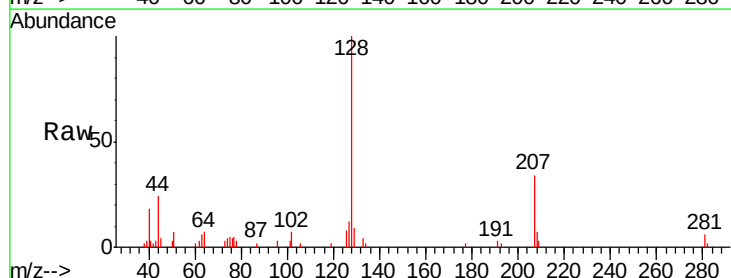
Tgt Ion:128 Resp: 15134

Ion Ratio Lower Upper

128 100

127 11.9 10.2 15.2

129 8.5 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

