

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN112118\
 Data File : VN052445.D
 Acq On : 21 Nov 2018 18:17
 Operator : MD\SY
 Sample : J6006-04
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 RS-CON-WALL-2

Quant Time: Nov 22 01:10:16 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N111418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 15 03:02:37 2018
 Response via : Initial Calibration

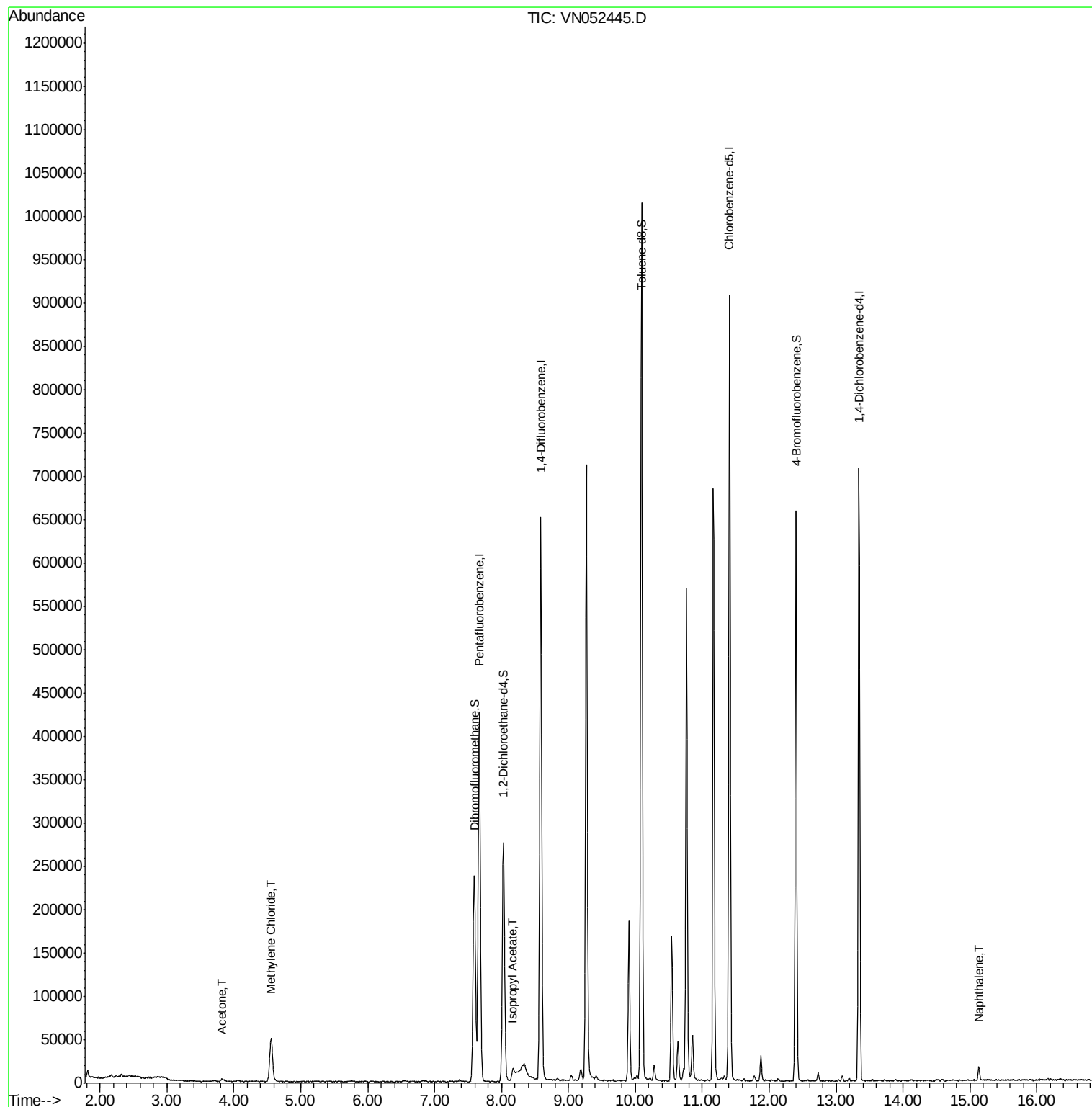
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	306300	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	522123	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	456732	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	163721	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	236549	54.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.36%	
35) Dibromofluoromethane	7.59	113	174058	51.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.38%	
50) Toluene-d8	10.09	98	667719	50.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.80%	
62) 4-Bromofluorobenzene	12.40	95	201966	46.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.68%	
Target Compounds						
16) Acetone	3.82	43	5780	4.85	ug/l #	89
20) Methylene Chloride	4.56	84	31574	8.13	ug/l	98
43) Isopropyl Acetate	8.17	43	22469	3.07	ug/l #	91
95) Naphthalene	15.13	128	12238	4.61	ug/l	97

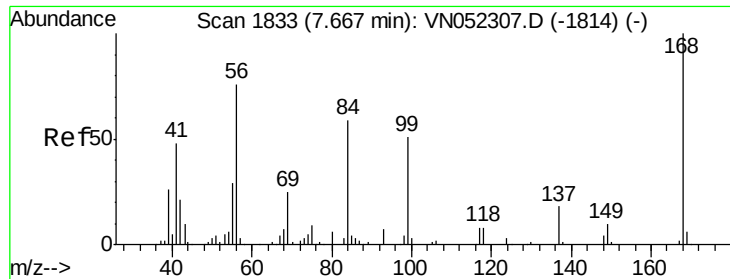
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN052445.D

Acq: 21 Nov 2018 18:17

Instrument :

MSVOA_N

ClientSampleId :

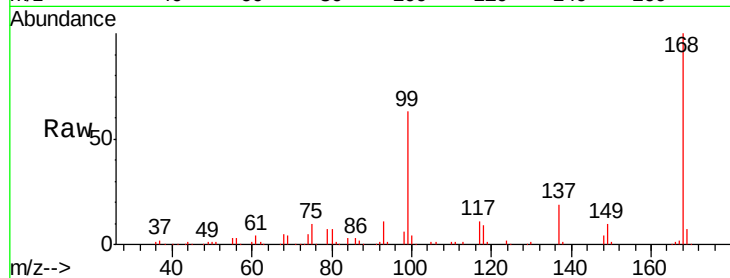
RS-CON-WALL-2

Tgt Ion:168 Resp: 306300

Ion Ratio Lower Upper

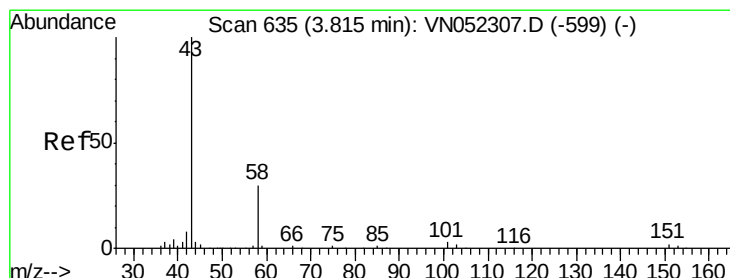
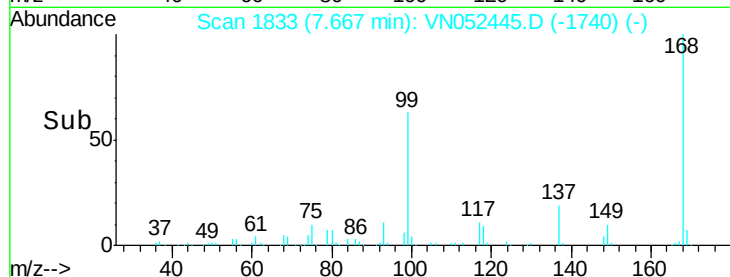
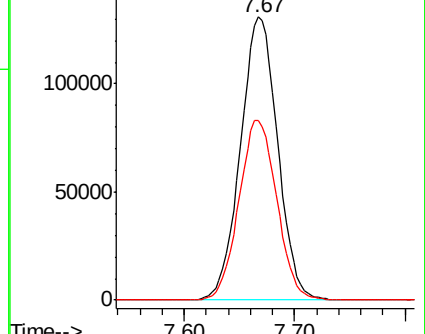
168 100

99 63.5 47.9 71.9



Abundance Ion 167.90 (167.60 to 168.60): VN052307.D (-1814) (-)

Ion 98.90 (98.60 to 99.60): VN052307.D (-1814) (-)



#16

Acetone

Concen: 4.85 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN052445.D

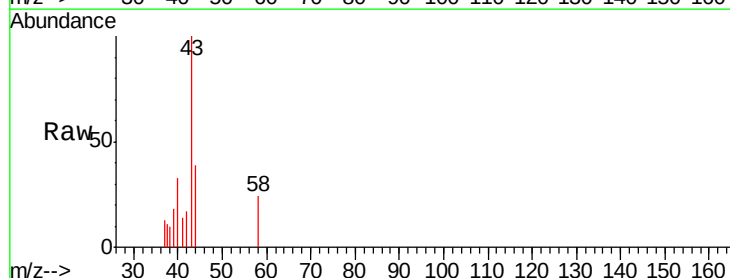
Acq: 21 Nov 2018 18:17

Tgt Ion: 43 Resp: 5780

Ion Ratio Lower Upper

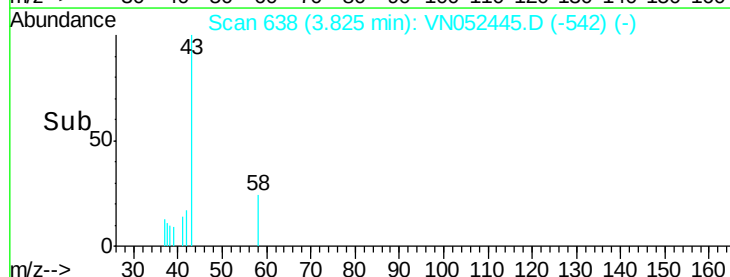
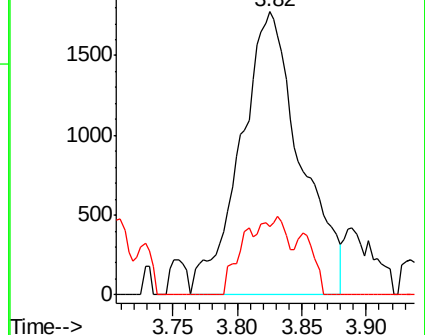
43 100

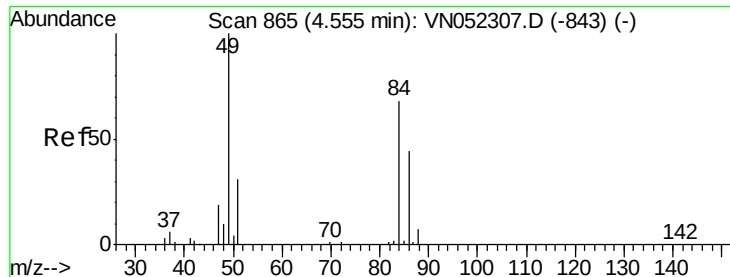
58 24.2 24.2 36.4#



Abundance Ion 43.00 (42.70 to 43.70): VN052307.D (-599) (-)

Ion 58.00 (57.70 to 58.70): VN052307.D (-599) (-)

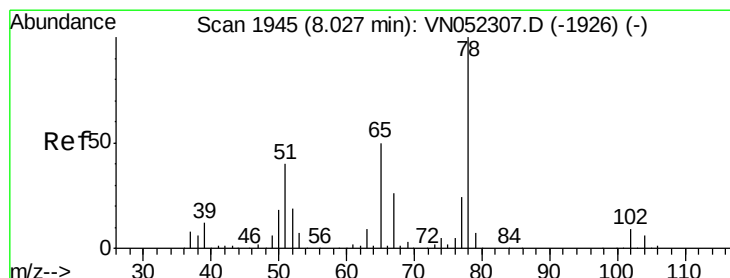
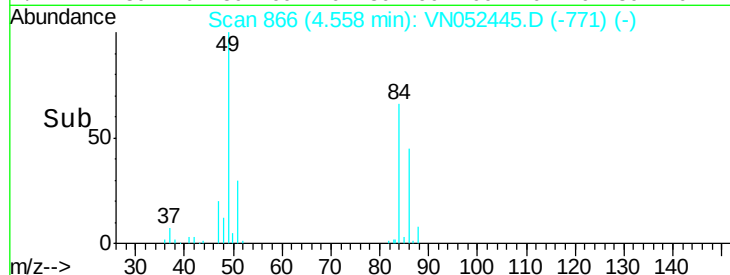
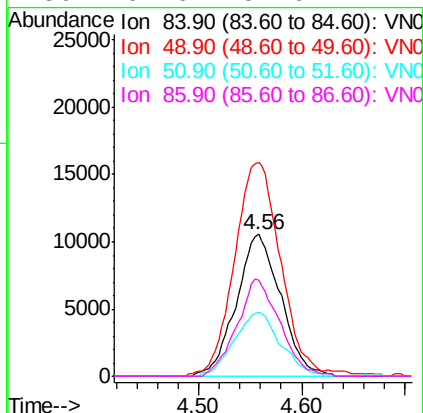
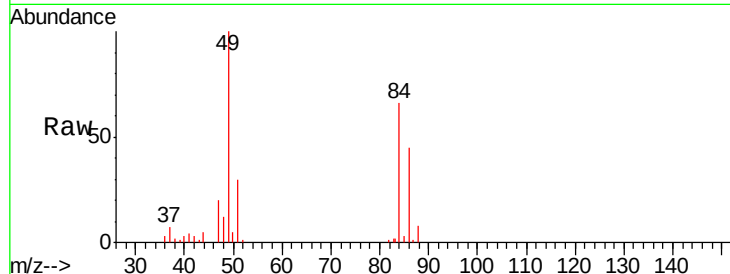




#20
Methylene Chloride
Concen: 8.13 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.00 min
Lab File: VN052445.D
Acq: 21 Nov 2018 18:17

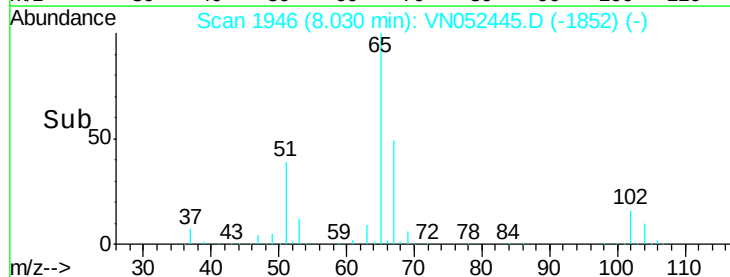
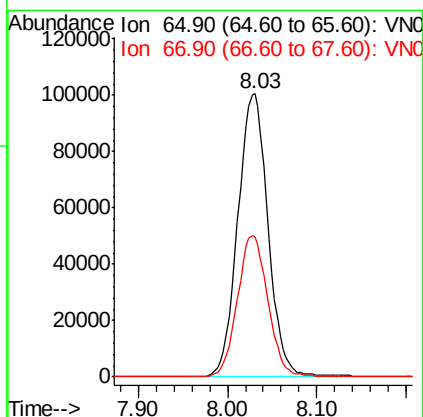
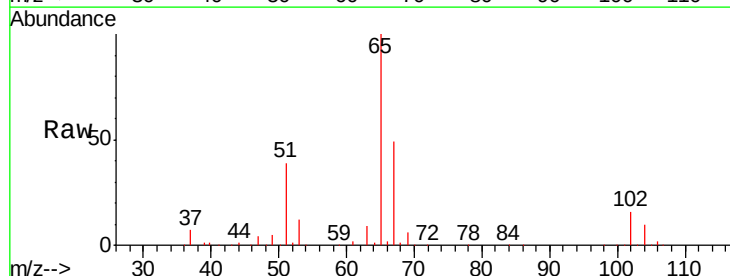
Instrument :
MSVOA_N
ClientSampleId :
RS-CON-WALL-2

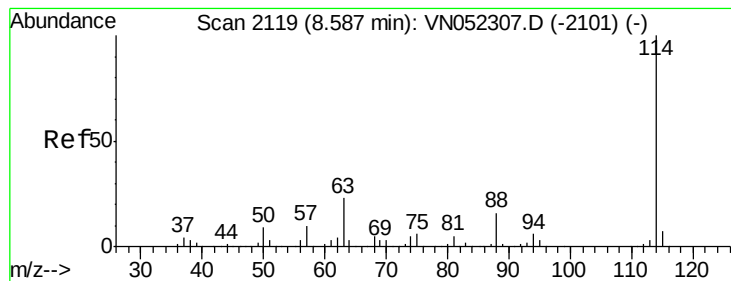
Tgt Ion: 84 Resp: 31574
Ion Ratio Lower Upper
84 100
49 149.1 118.2 177.2
51 44.9 36.1 54.1
86 67.6 51.6 77.4



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN052445.D
Acq: 21 Nov 2018 18:17

Tgt Ion: 65 Resp: 236549
Ion Ratio Lower Upper
65 100
67 50.4 0.0 105.2





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN052445.D

Acq: 21 Nov 2018 18:17

Instrument :

MSVOA_N

ClientSampleId :

RS-CON-WALL-2

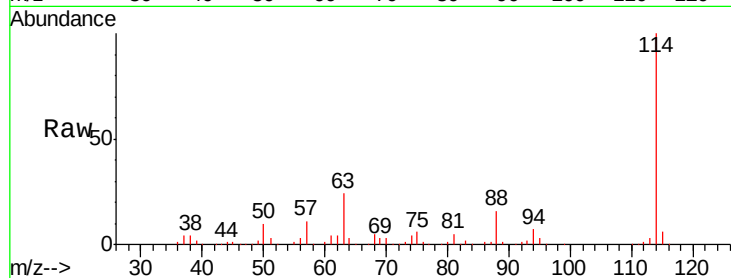
Tgt Ion:114 Resp: 522123

Ion Ratio Lower Upper

114 100

63 23.6 0.0 45.4

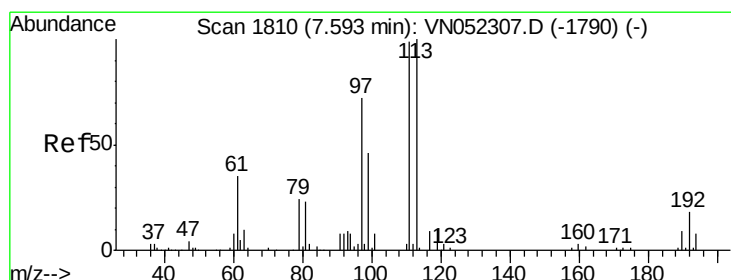
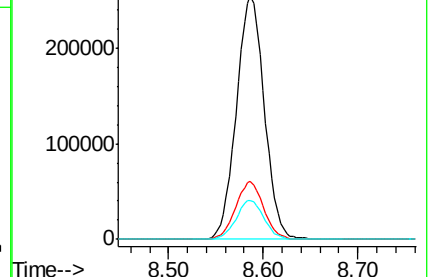
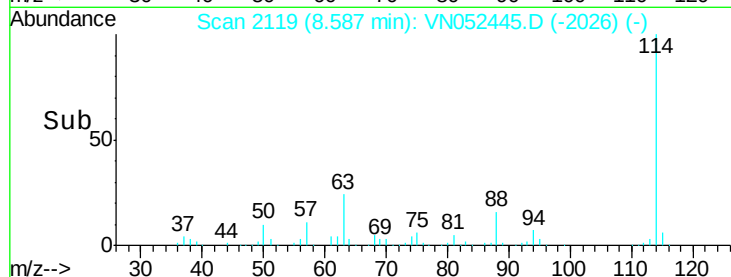
88 16.1 0.0 31.2



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: 50.00 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. -0.00 min

Lab File: VN052445.D

Acq: 21 Nov 2018 18:17

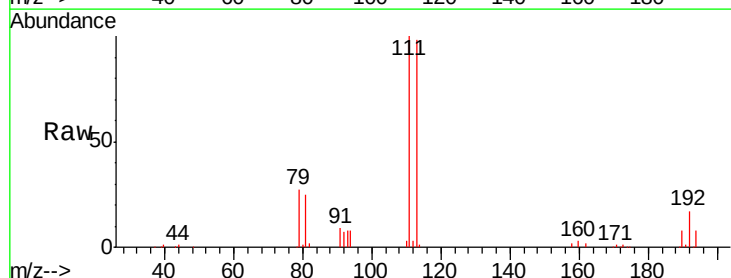
Tgt Ion:113 Resp: 174058

Ion Ratio Lower Upper

113 100

111 103.7 81.0 121.6

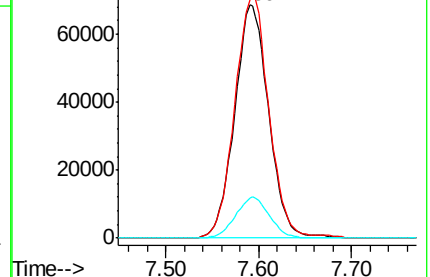
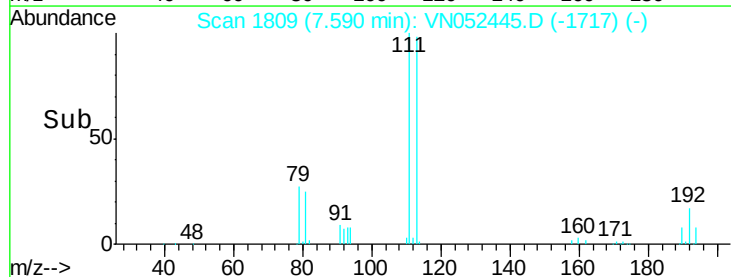
192 17.4 13.8 20.6

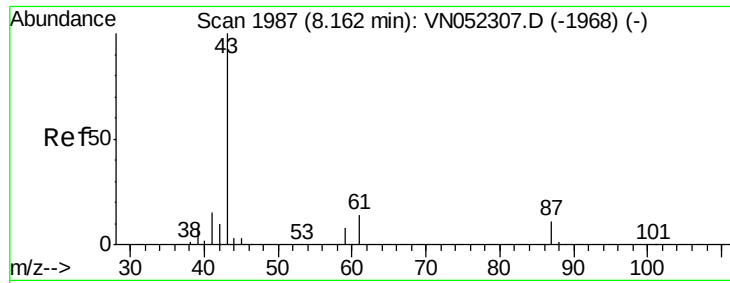


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 3.07 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.01 min

Lab File: VN052445.D

Acq: 21 Nov 2018 18:17

Instrument :

MSVOA_N

ClientSampleId :

RS-CON-WALL-2

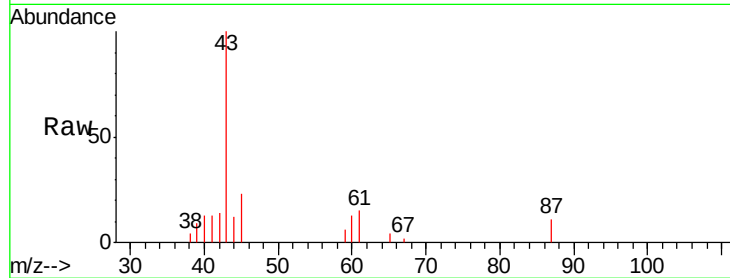
Tgt Ion: 43 Resp: 22469

Ion Ratio Lower Upper

43 100

61 11.0 12.0 18.0#

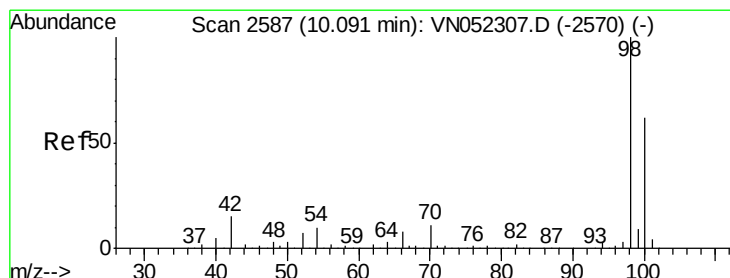
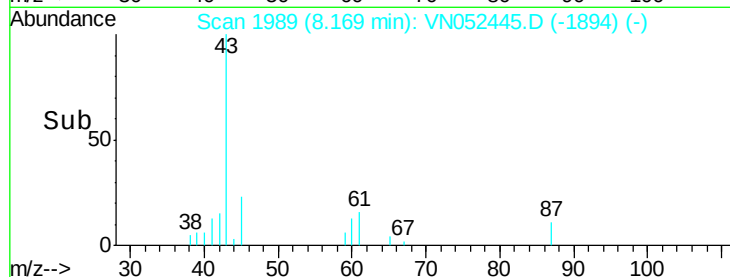
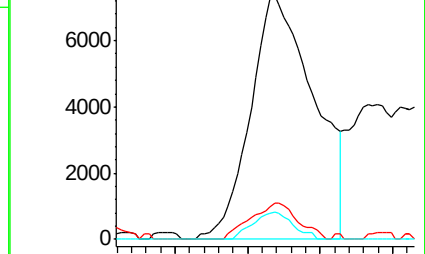
87 7.0 8.3 12.5#



Abundance Ion 43.00 (42.70 to 43.70): VN052307.D (-1968) (-)

Ion 61.00 (60.70 to 61.70): VN052307.D (-1968) (-)

Ion 87.00 (86.70 to 87.70): VN052307.D (-1968) (-)



#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN052445.D

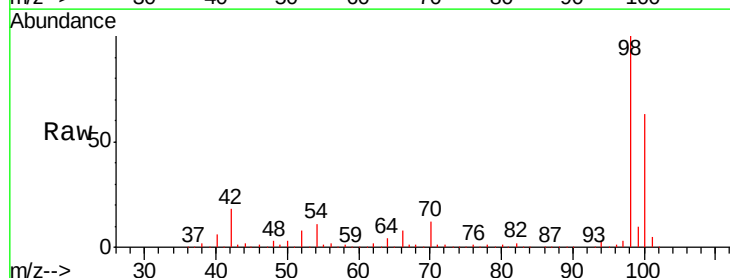
Acq: 21 Nov 2018 18:17

Tgt Ion: 98 Resp: 667719

Ion Ratio Lower Upper

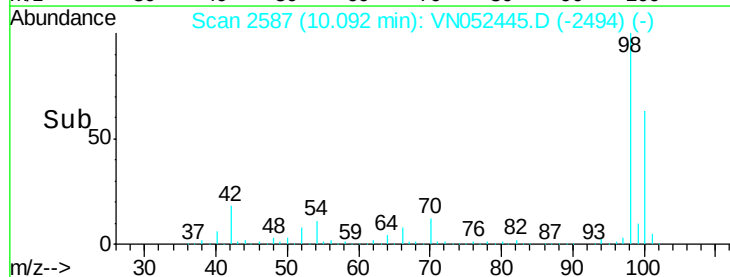
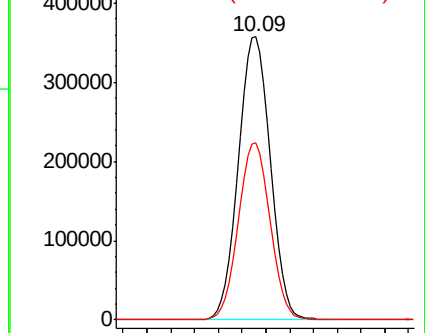
98 100

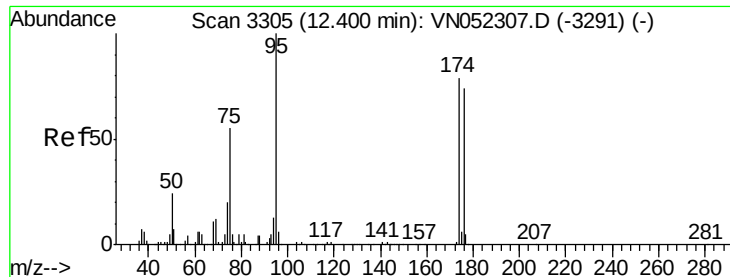
100 62.0 49.5 74.3



Abundance Ion 98.00 (97.70 to 98.70): VN052307.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN052307.D (-2570) (-)





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN052445.D

Acq: 21 Nov 2018 18:17

Instrument :

MSVOA_N

ClientSampleId :

RS-CON-WALL-2

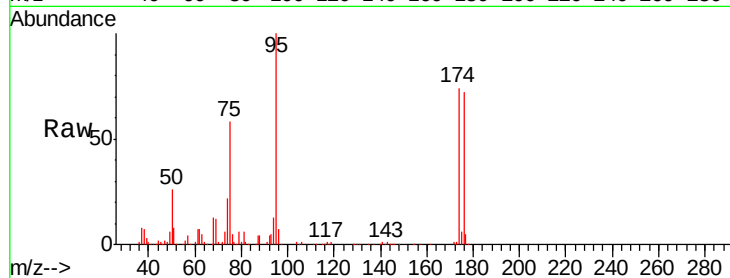
Tgt Ion: 95 Resp: 201966

Ion Ratio Lower Upper

95 100

174 75.2 0.0 156.0

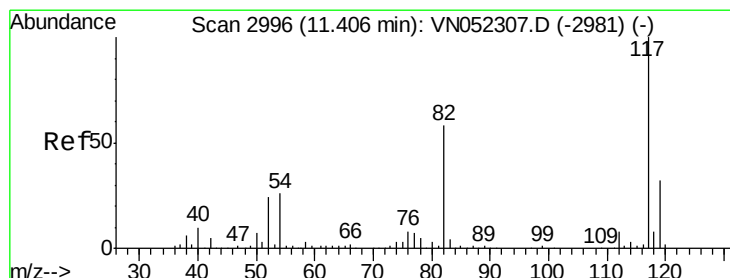
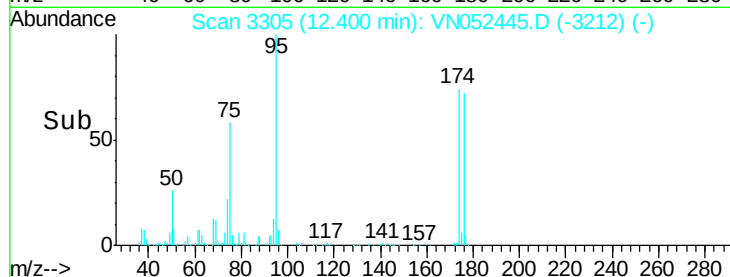
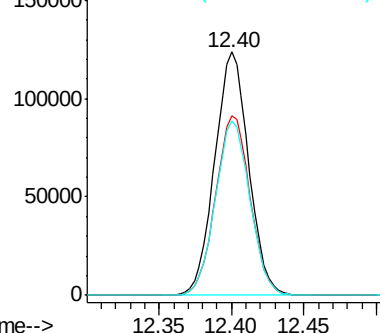
176 72.9 0.0 148.4



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN0

Ion 175.80 (175.50 to 176.50): VN0



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN052445.D

Acq: 21 Nov 2018 18:17

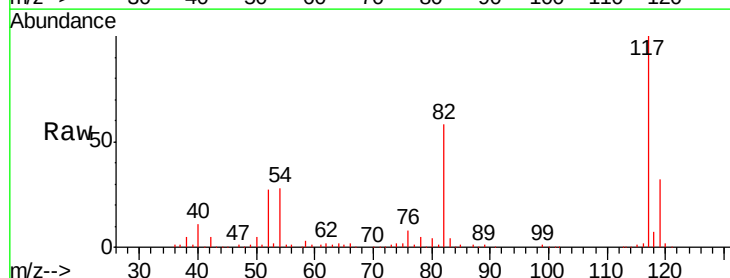
Tgt Ion: 117 Resp: 456732

Ion Ratio Lower Upper

117 100

82 58.0 46.5 69.7

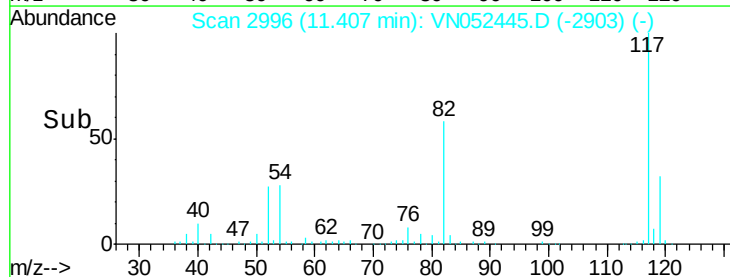
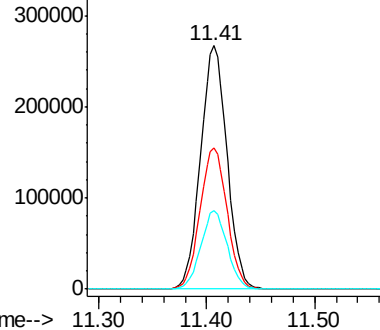
119 32.2 25.7 38.5

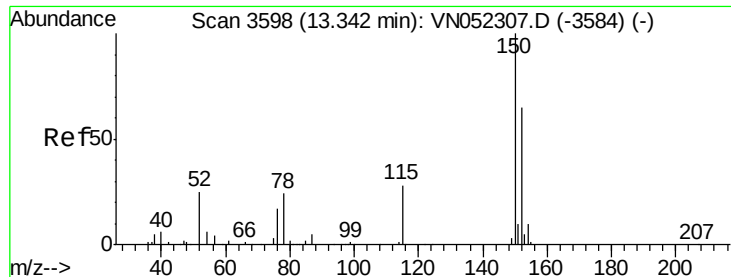


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN052445.D

Acq: 21 Nov 2018 18:17

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ClientSampleId :

RS-CON-WALL-2

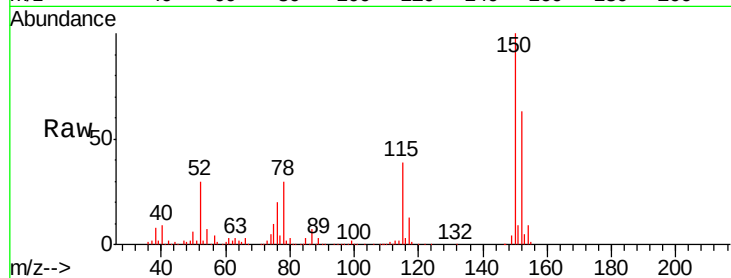
Tgt Ion:152 Resp: 163721

Ion Ratio Lower Upper

152 100

115 61.8 30.3 91.0

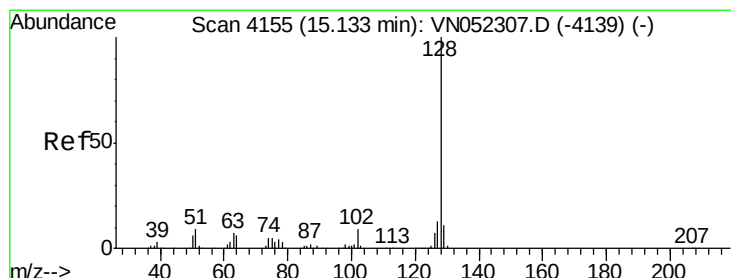
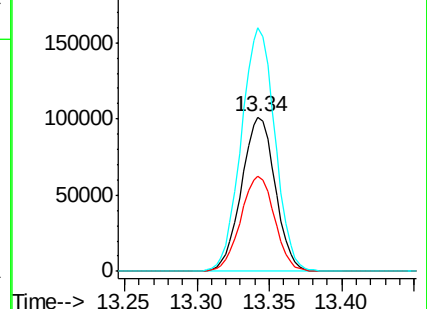
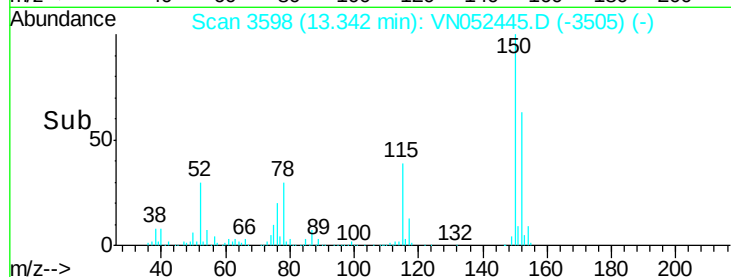
150 157.9 0.0 348.2



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: 4.61 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN052445.D

Acq: 21 Nov 2018 18:17

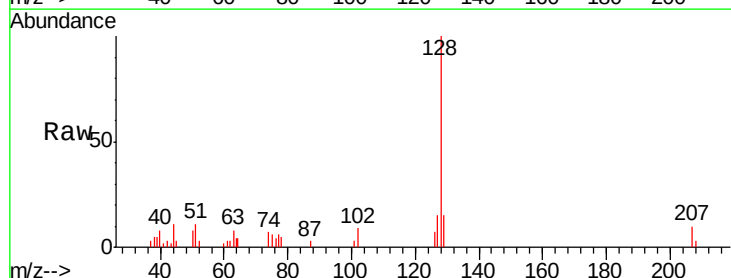
Tgt Ion:128 Resp: 12238

Ion Ratio Lower Upper

128 100

127 14.8 10.4 15.6

129 11.4 8.6 13.0



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

