

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN112018\
 Data File : VN052419.D
 Acq On : 20 Nov 2018 20:25
 Operator : MD\SY
 Sample : J6006-02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 RS-CON-WALL-1

Quant Time: Nov 21 00:39:43 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	304004	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	514247	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	431859	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	153115	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	228695	53.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.52%	
35) Dibromofluoromethane	7.59	113	172812	52.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.20%	
50) Toluene-d8	10.09	98	651262	49.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.82%	
62) 4-Bromofluorobenzene	12.40	95	187905	43.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.56%	

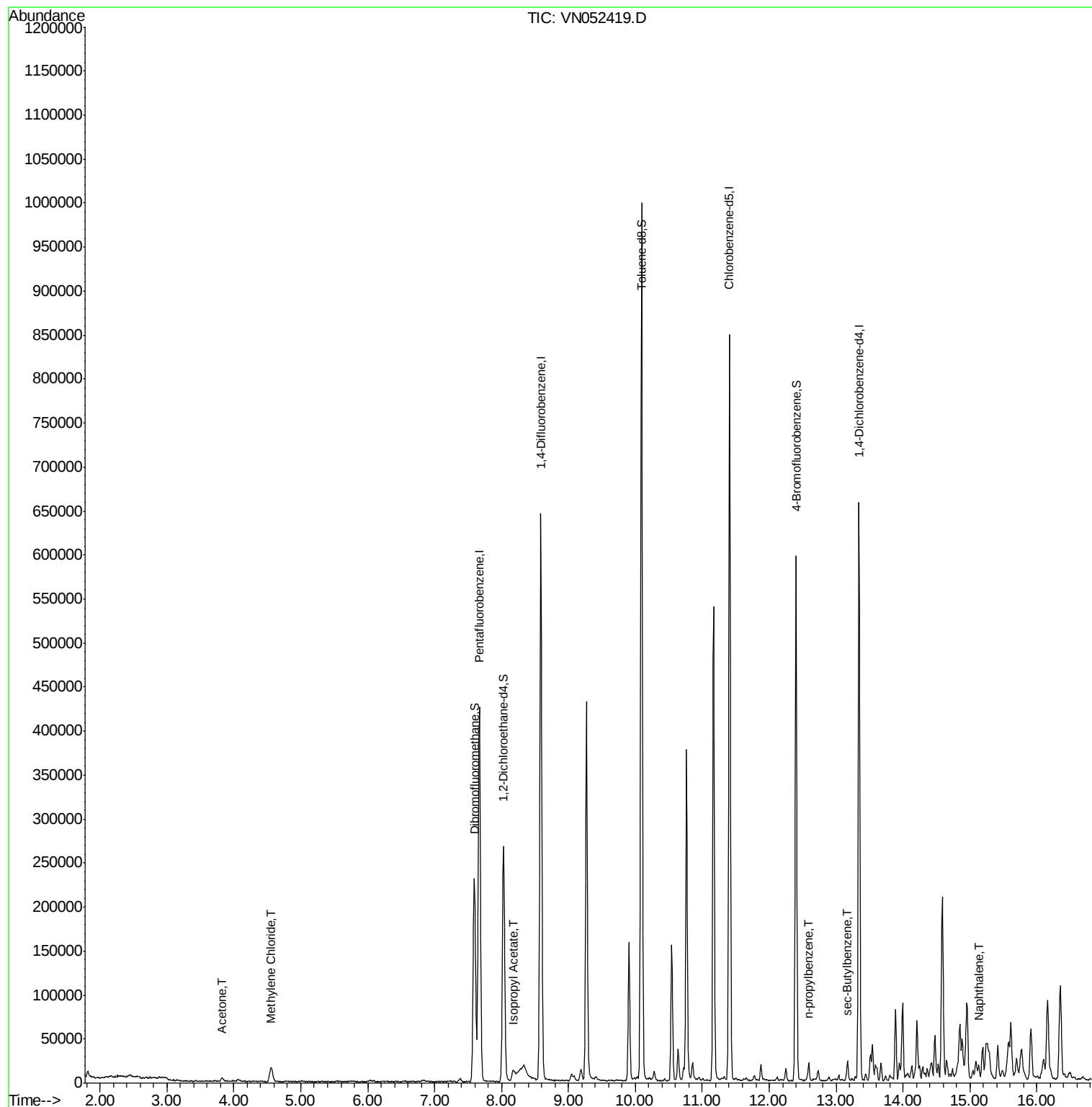
Target Compounds						Qvalue
16) Acetone	3.82	43	6828	5.78	ug/l	91
20) Methylene Chloride	4.55	84	10503	2.25	ug/l	89
43) Isopropyl Acetate	8.17	43	18801	2.60	ug/l #	81
78) n-propylbenzene	12.59	91	15059	1.05	ug/l	93
85) sec-Butylbenzene	13.17	105	12488	1.06	ug/l	90
95) Naphthalene	15.13	128	9087	4.19	ug/l #	84

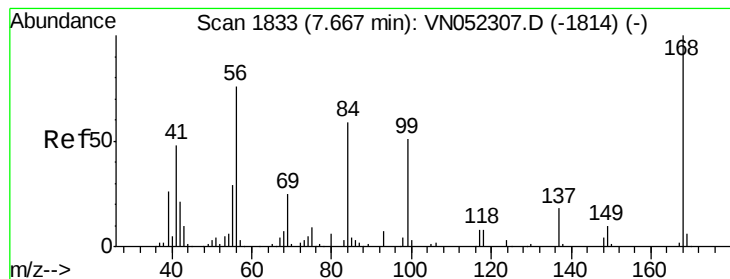
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN052419.D

Acq: 20 Nov 2018 20:25

Instrument :

MSVOA_N

ClientSampleId :

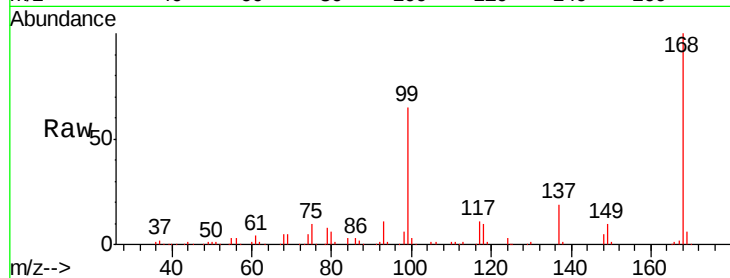
RS-CON-WALL-1

Tgt Ion:168 Resp: 304004

Ion Ratio Lower Upper

168 100

99 65.0 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) (-)

7.67

150000

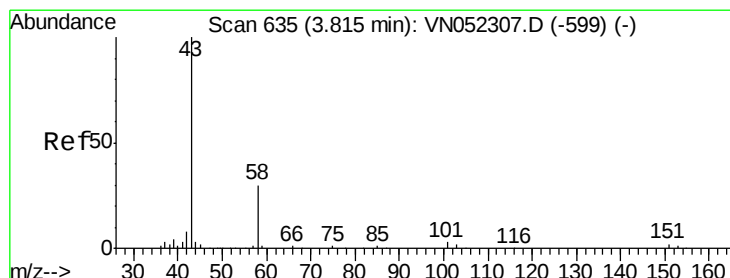
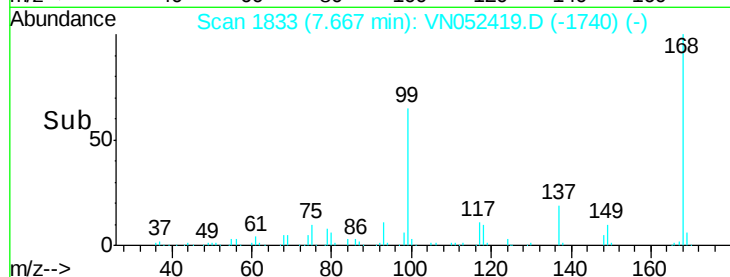
100000

50000

0

Time-->

7.60 7.70 7.80



#16

Acetone

Concen: 5.78 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN052419.D

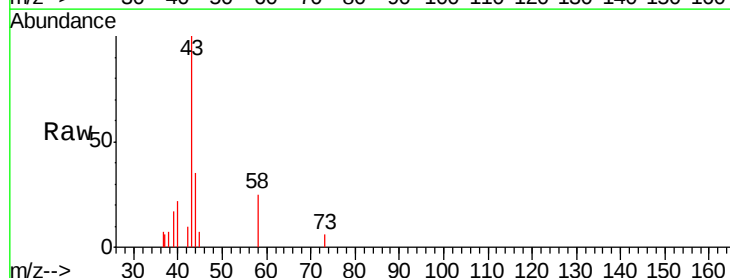
Acq: 20 Nov 2018 20:25

Tgt Ion: 43 Resp: 6828

Ion Ratio Lower Upper

43 100

58 25.3 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) (-)

3.82

2500

2000

1500

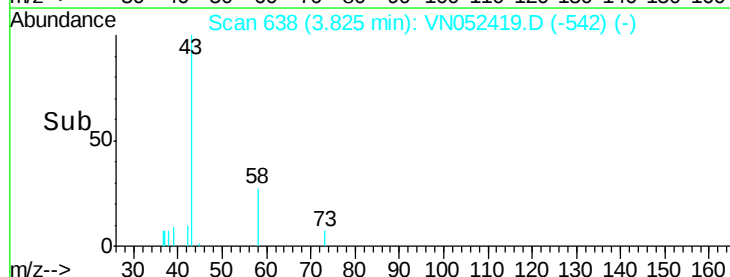
1000

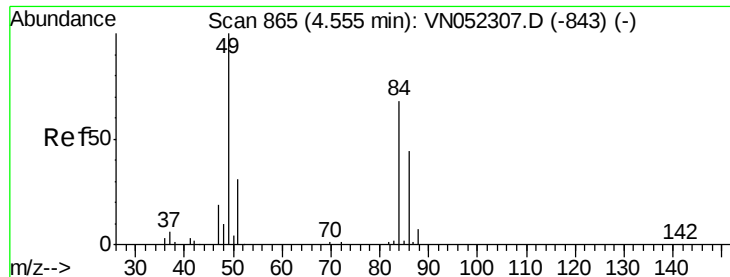
500

0

Time-->

3.75 3.80 3.85 3.90

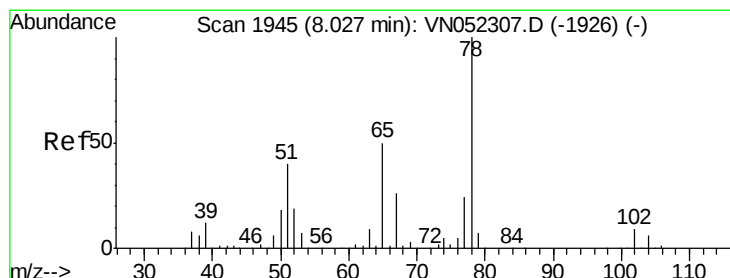
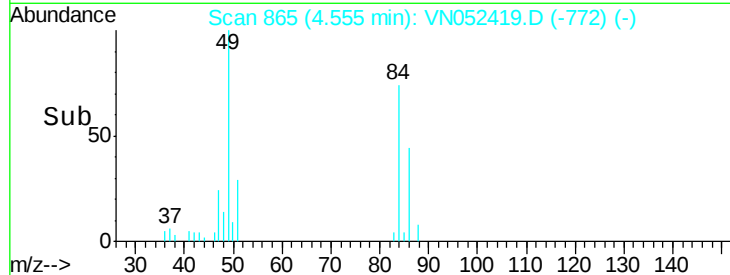
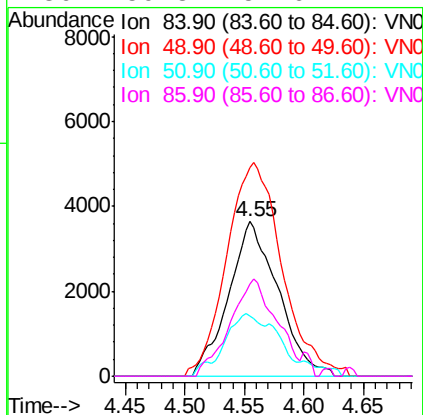
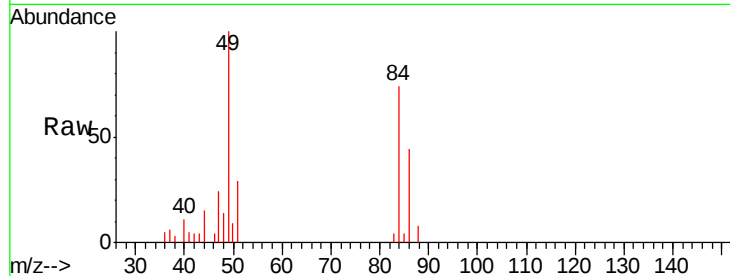




#20
Methylene Chloride
Concen: 2.25 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN052419.D
Acq: 20 Nov 2018 20:25

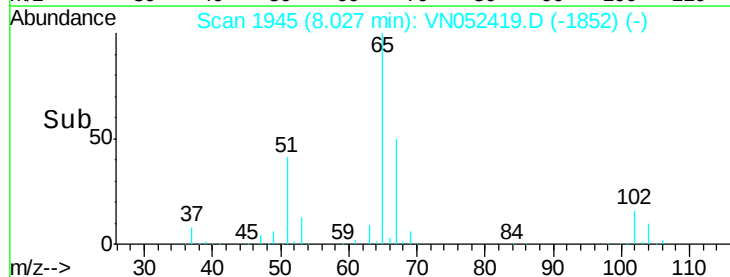
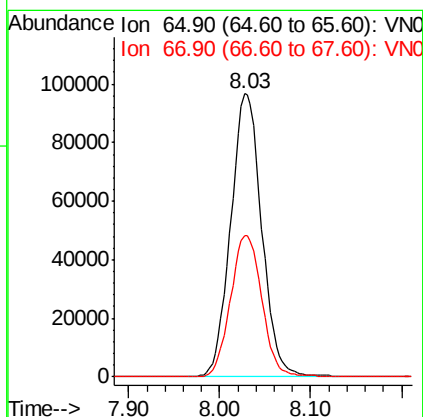
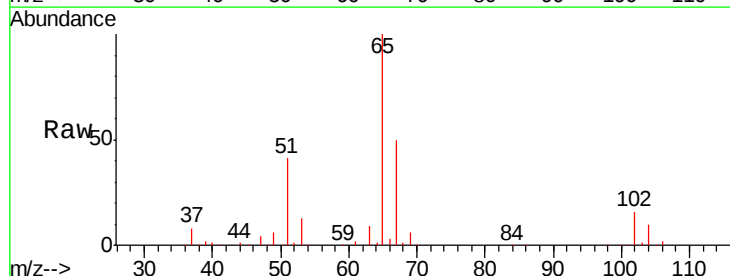
Instrument :
MSVOA_N
ClientSampleId :
RS-CON-WALL-1

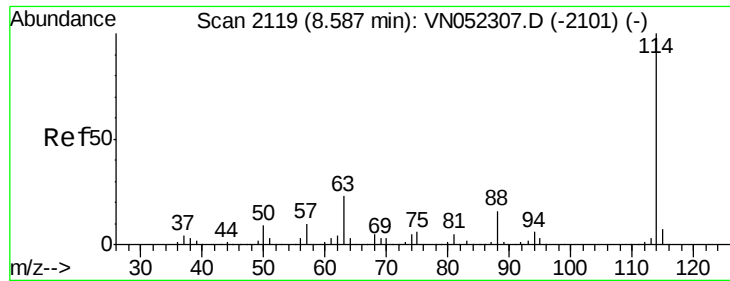
Tgt Ion: 84 Resp: 10503
Ion Ratio Lower Upper
84 100
49 130.3 118.2 177.2
51 39.1 36.1 54.1
86 59.8 51.6 77.4



#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN052419.D
Acq: 20 Nov 2018 20:25

Tgt Ion: 65 Resp: 228695
Ion Ratio Lower Upper
65 100
67 50.6 0.0 105.2

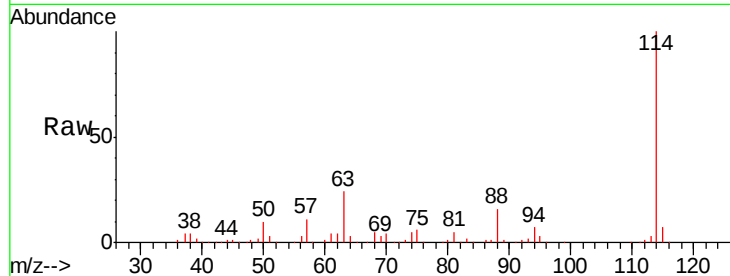




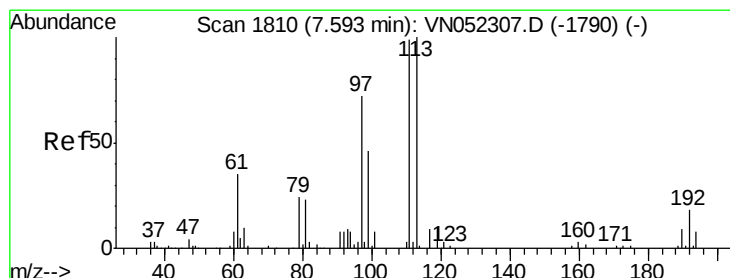
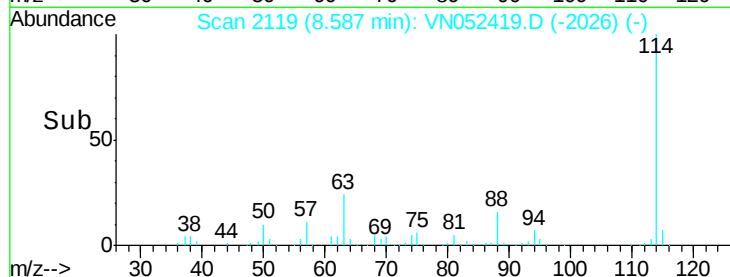
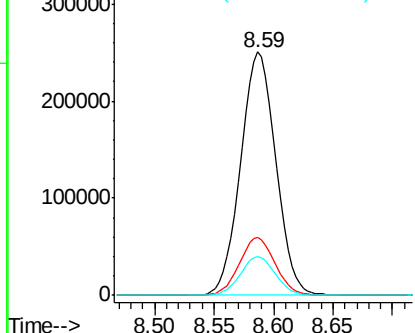
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN052419.D
 Acq: 20 Nov 2018 20:25

Instrument :
 MSVOA_N
 ClientSampleId :
 RS-CON-WALL-1

Tgt Ion:114 Resp: 514247
 Ion Ratio Lower Upper
 114 100
 63 23.7 0.0 45.4
 88 16.1 0.0 31.2

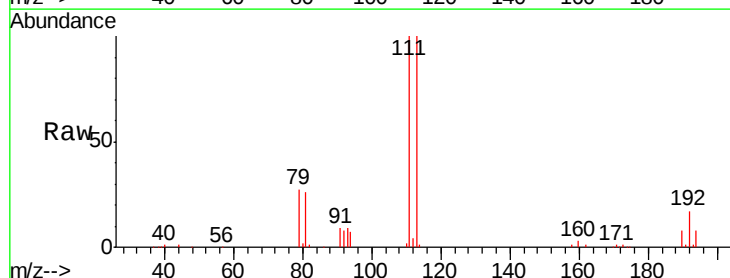


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

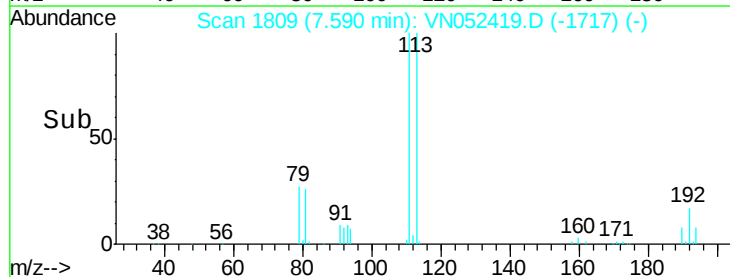
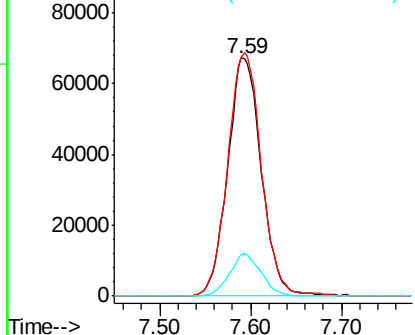


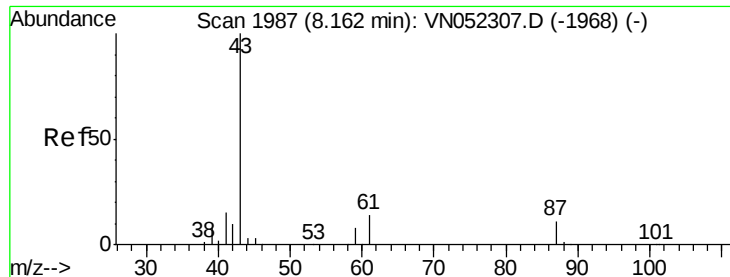
#35
 Dibromofluoromethane
 Concen: 50.00 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN052419.D
 Acq: 20 Nov 2018 20:25

Tgt Ion:113 Resp: 172812
 Ion Ratio Lower Upper
 113 100
 111 102.5 81.0 121.6
 192 16.7 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: 2.60 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.01 min

Lab File: VN052419.D

Acq: 20 Nov 2018 20:25

Instrument :

MSVOA_N

ClientSampleId :

RS-CON-WALL-1

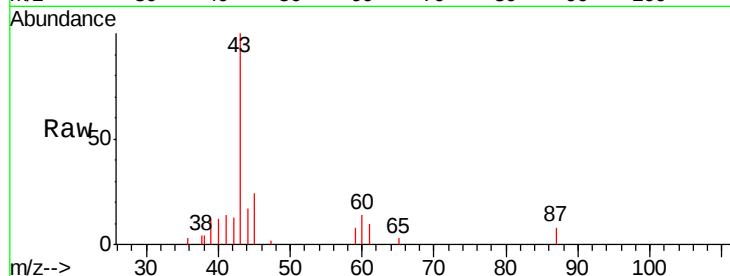
Tgt Ion: 43 Resp: 18801

Ion Ratio Lower Upper

43 100

61 5.6 12.0 18.0#

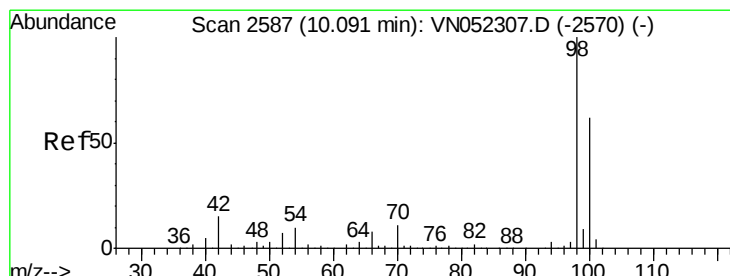
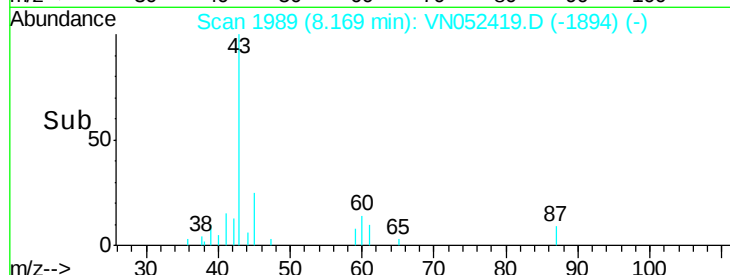
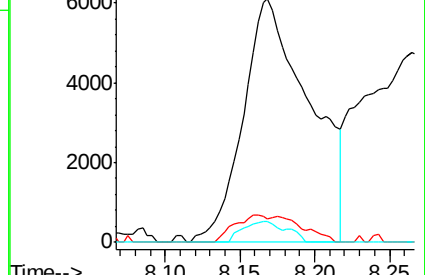
87 5.6 8.3 12.5#



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: VN052419.D

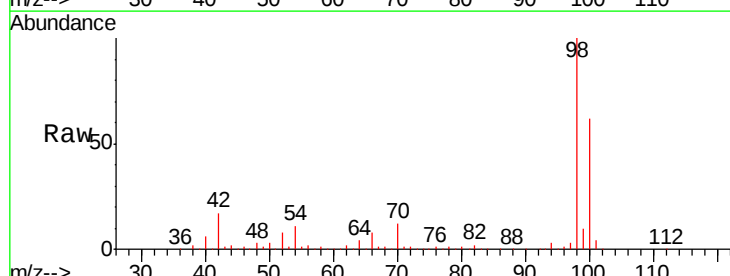
Acq: 20 Nov 2018 20:25

Tgt Ion: 98 Resp: 651262

Ion Ratio Lower Upper

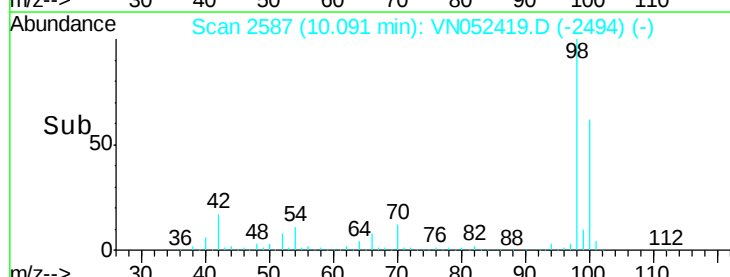
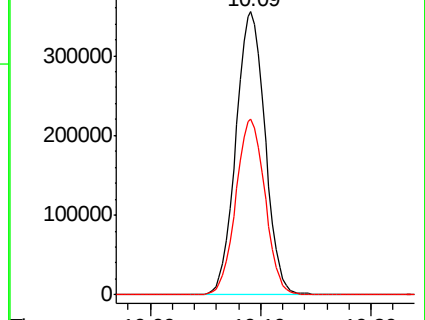
98 100

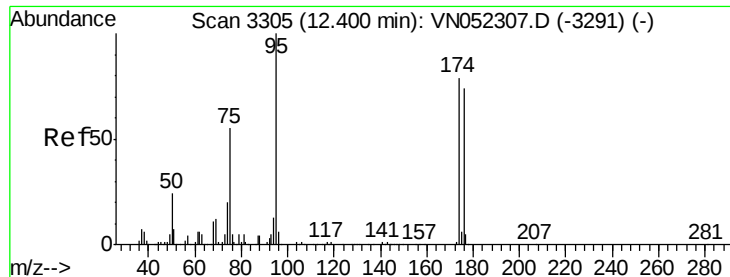
100 62.2 49.5 74.3



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: VN052419.D

Acq: 20 Nov 2018 20:25

Instrument :

MSVOA_N

ClientSampleId :

RS-CON-WALL-1

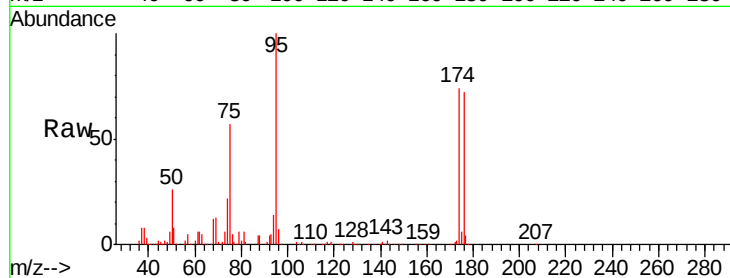
Tgt Ion: 95 Resp: 187905

Ion Ratio Lower Upper

95 100

174 74.7 0.0 156.0

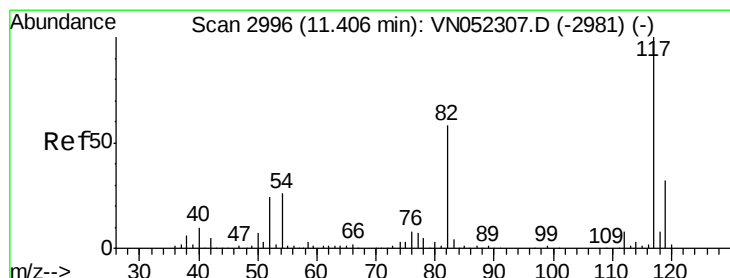
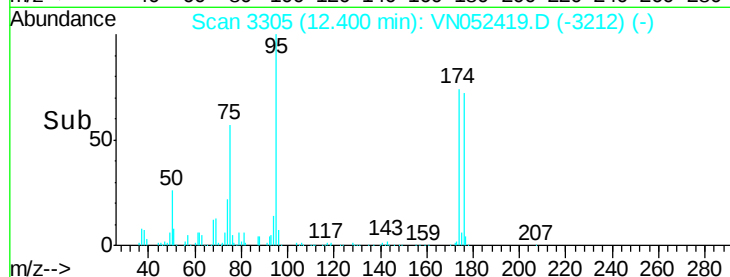
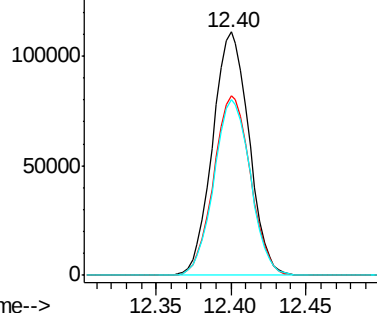
176 72.4 0.0 148.4



Abundance Ion 94.90 (94.60 to 95.60): VN052307.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN052307.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN052307.D (-3291) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN052419.D

Acq: 20 Nov 2018 20:25

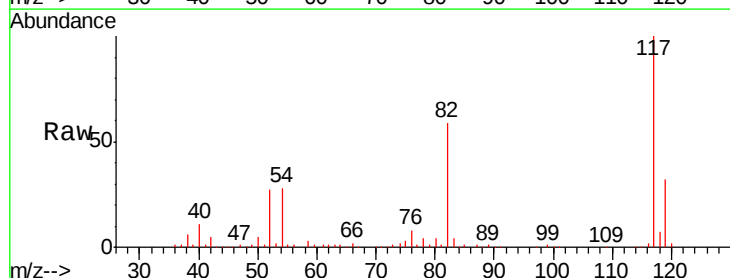
Tgt Ion: 117 Resp: 431859

Ion Ratio Lower Upper

117 100

82 59.2 46.5 69.7

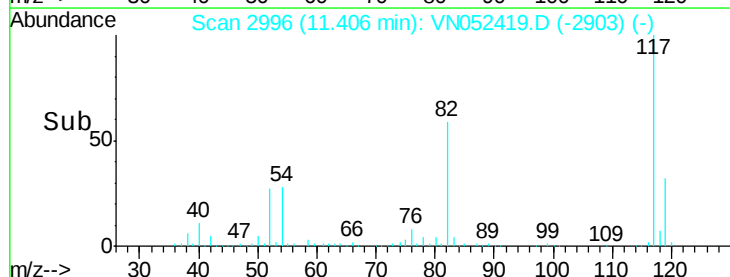
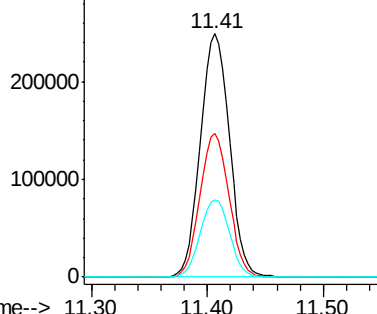
119 31.8 25.7 38.5

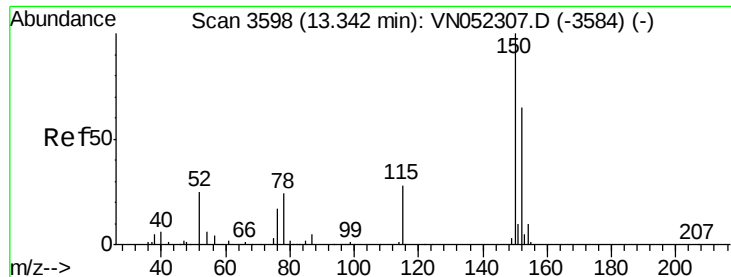


Abundance Ion 116.90 (116.60 to 117.60): VN052307.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN052307.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN052307.D (-2981) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN052419.D

Acq: 20 Nov 2018 20:25

Instrument :

MSVOA_N

ClientSampleId :

RS-CON-WALL-1

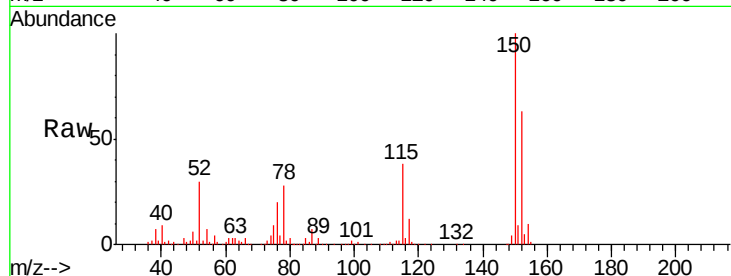
Tgt Ion: 152 Resp: 153115

Ion Ratio Lower Upper

152 100

115 61.1 30.3 91.0

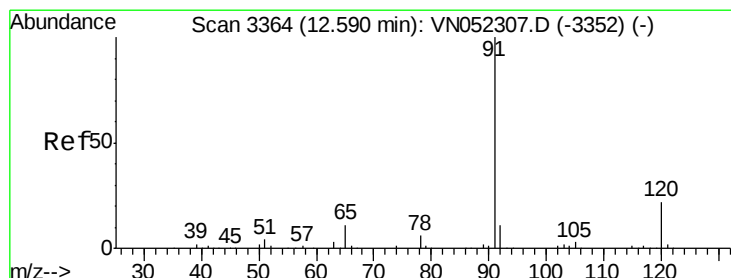
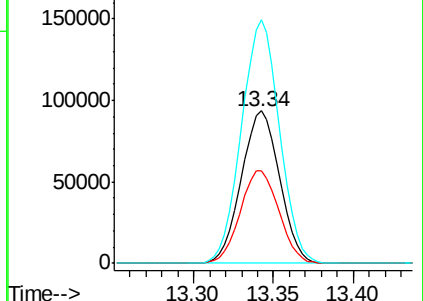
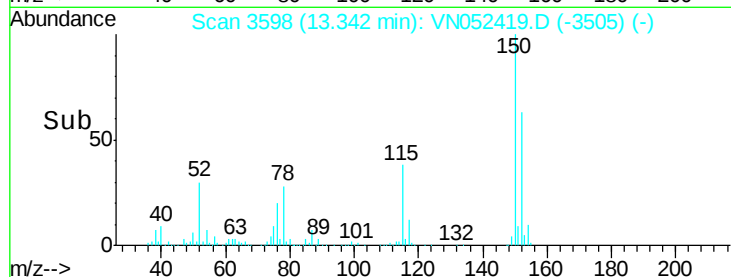
150 158.5 0.0 348.2



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



#78

n-propylbenzene

Concen: 1.05 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN052419.D

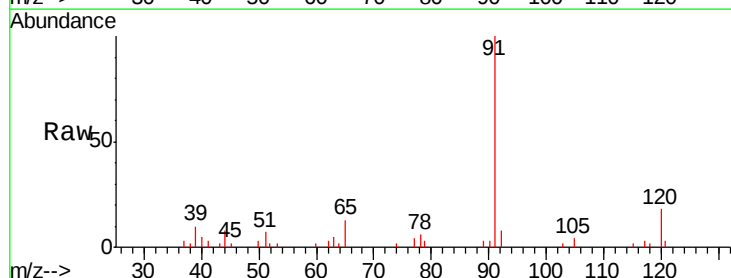
Acq: 20 Nov 2018 20:25

Tgt Ion: 91 Resp: 15059

Ion Ratio Lower Upper

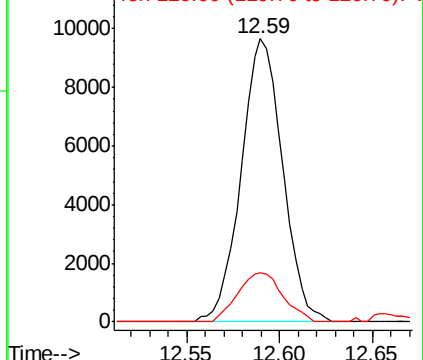
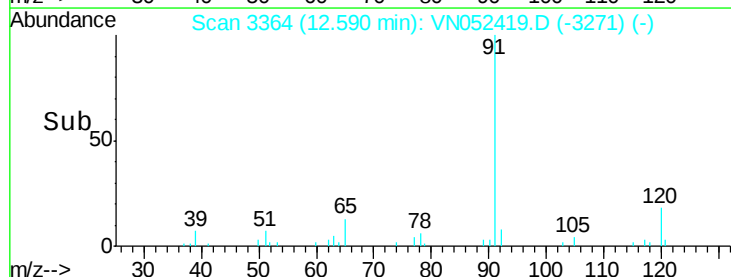
91 100

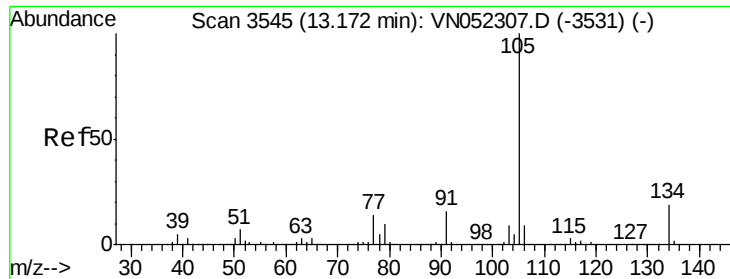
120 18.9 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.00 (119.70 to 120.70): V

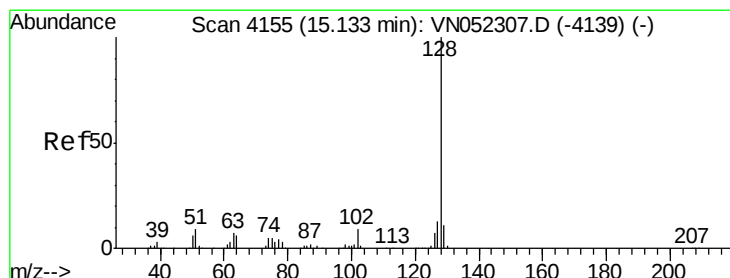
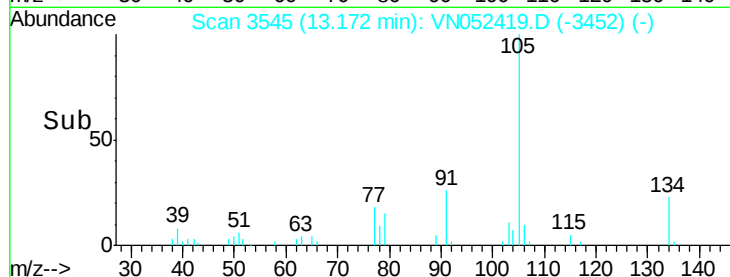
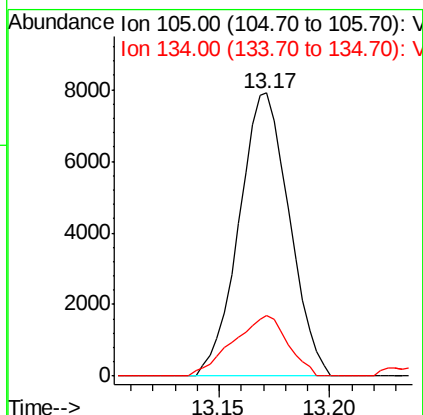
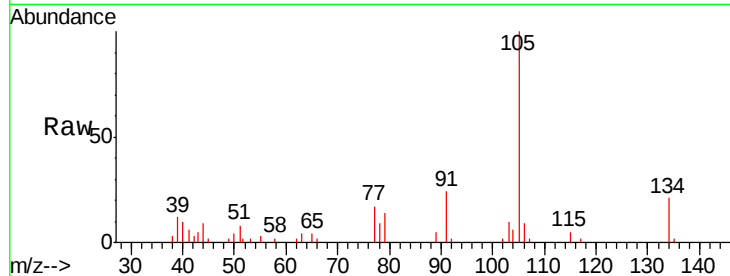




#85
 sec-Butylbenzene
 Concen: 1.06 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. -0.00 min
 Lab File: VN052419.D
 Acq: 20 Nov 2018 20:25

Instrument :
 MSVOA_N
 ClientSampleId :
 RS-CON-WALL-1

Tgt Ion:105 Resp: 12488
 Ion Ratio Lower Upper
 105 100
 134 23.3 9.5 28.5



#95
 Naphthalene
 Concen: 4.19 ug/l
 RT: 15.13 min Scan# 4155
 Delta R.T. -0.00 min
 Lab File: VN052419.D
 Acq: 20 Nov 2018 20:25

Tgt Ion:128 Resp: 9087
 Ion Ratio Lower Upper
 128 100
 127 18.3 10.4 15.6#
 129 3.6 8.6 13.0#

