

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN111518\
 Data File : VN052347.D
 Acq On : 15 Nov 2018 17:33
 Operator : MD\SY
 Sample : J5767-10
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 CL-01-111418-A

Quant Time: Nov 16 04:11:56 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	309533	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	520852	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	447380	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	161381	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	222782	50.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.92%	
35) Dibromofluoromethane	7.59	113	167437	49.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.68%	
50) Toluene-d8	10.09	98	665070	50.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.66%	
62) 4-Bromofluorobenzene	12.40	95	197180	45.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.70%	

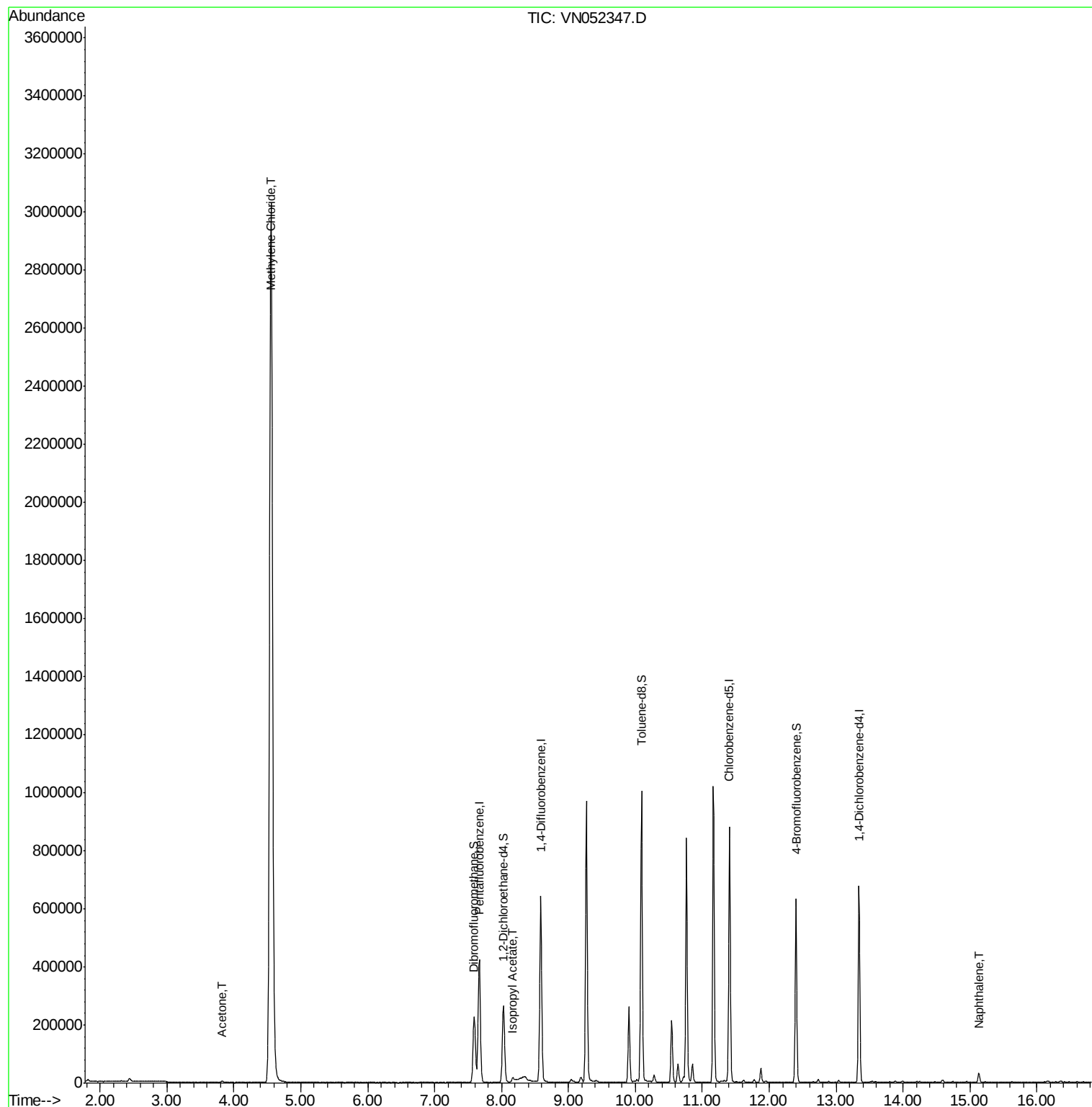
Target Compounds						Qvalue
16) Acetone	3.82	43	8583	7.13	ug/l	94
20) Methylene Chloride	4.55	84	2051964	567.59	ug/l	97
43) Isopropyl Acetate	8.17	43	20150	2.76	ug/l #	97
95) Naphthalene	15.13	128	24199	6.62	ug/l	98

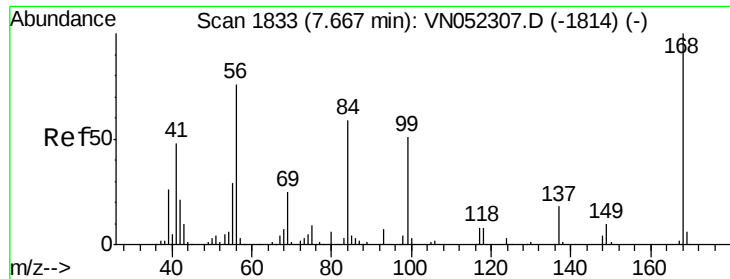
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN052347.D

Acq: 15 Nov 2018 17:33

Instrument :

MSVOA_N

ClientSampleId :

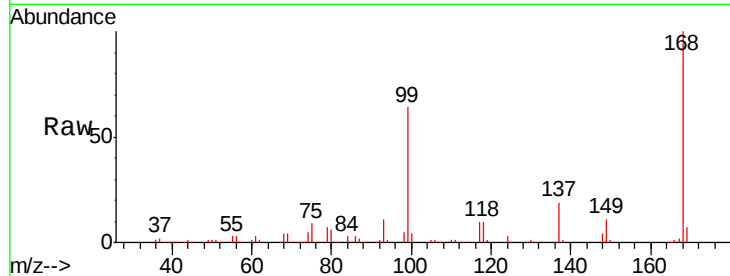
CL-01-111418-A

Tgt Ion:168 Resp: 309533

Ion Ratio Lower Upper

168 100

99 64.1 47.9 71.9



Abundance Ion 167.90 (167.60 to 168.60): VN052347.D (-1740) (-)

Ion 98.90 (98.60 to 99.60): VN052347.D (-1740) (-)

7.67

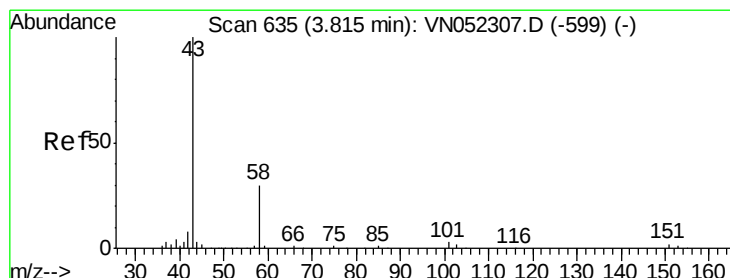
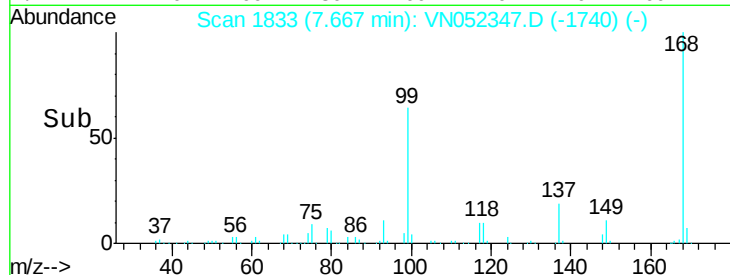
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 7.13 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN052347.D

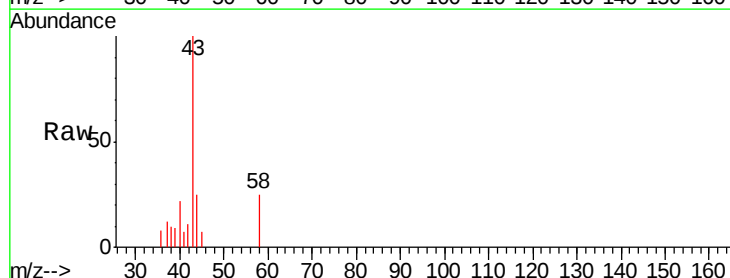
Acq: 15 Nov 2018 17:33

Tgt Ion: 43 Resp: 8583

Ion Ratio Lower Upper

43 100

58 27.3 24.2 36.4



Abundance Ion 43.00 (42.70 to 43.70): VN052347.D (-542) (-)

Ion 58.00 (57.70 to 58.70): VN052347.D (-542) (-)

3.82

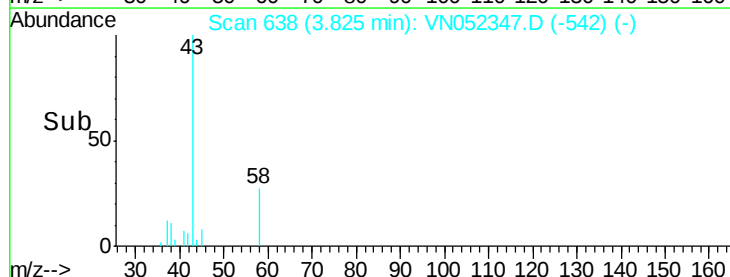
3000

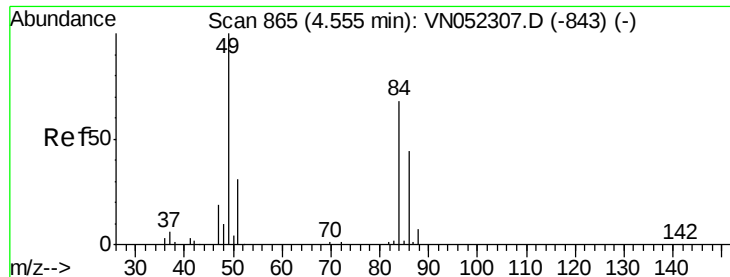
2000

1000

0

Time-->



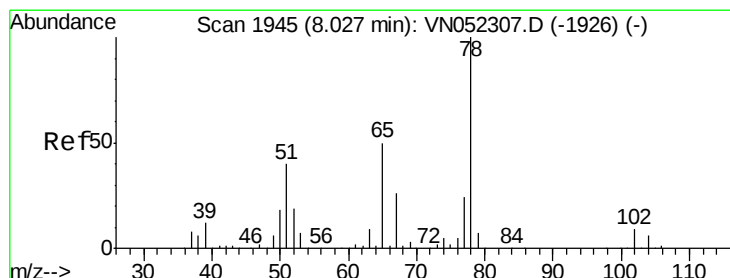
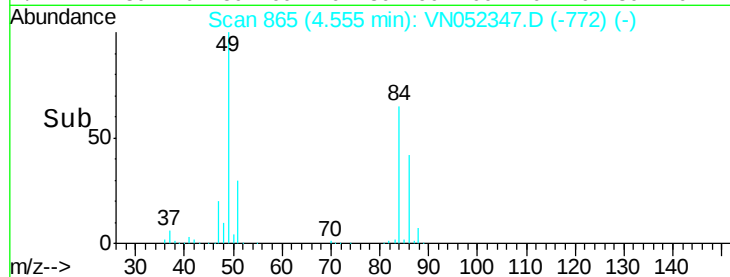
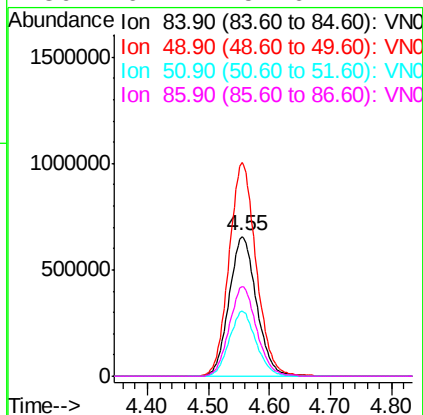
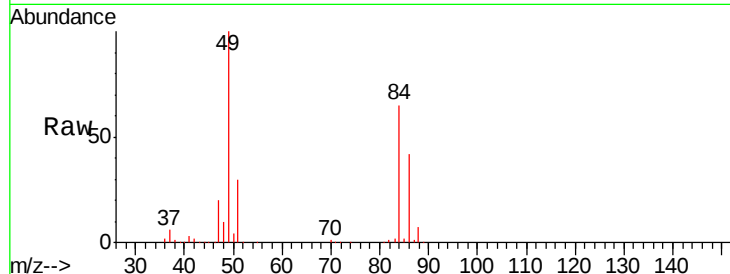


#20
Methylene Chloride
Concen: 567.59 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN052347.D
Acq: 15 Nov 2018 17:33

Instrument :
MSVOA_N
ClientSampleId :
CL-01-111418-A

Tgt Ion: 84 Resp: 2051964

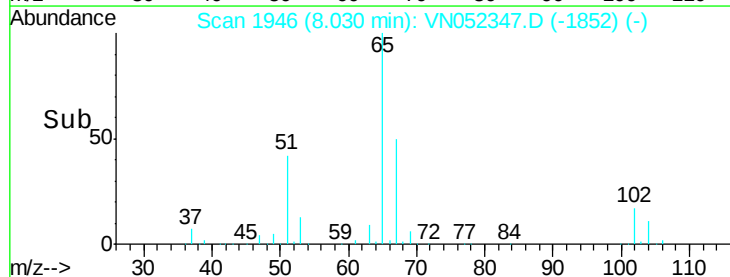
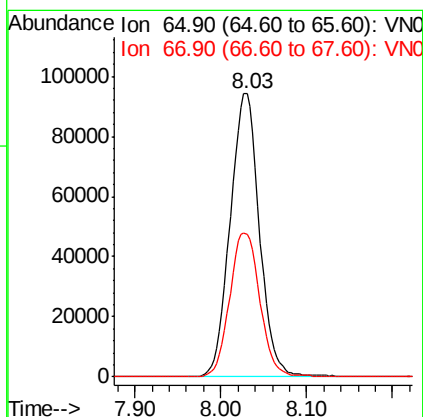
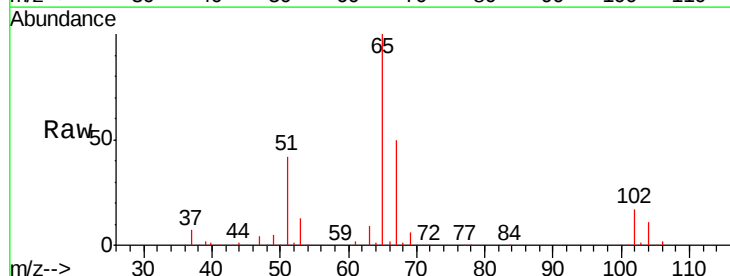
Ion	Ratio	Lower	Upper
84	100		
49	152.8	118.2	177.2
51	46.5	36.1	54.1
86	64.1	51.6	77.4

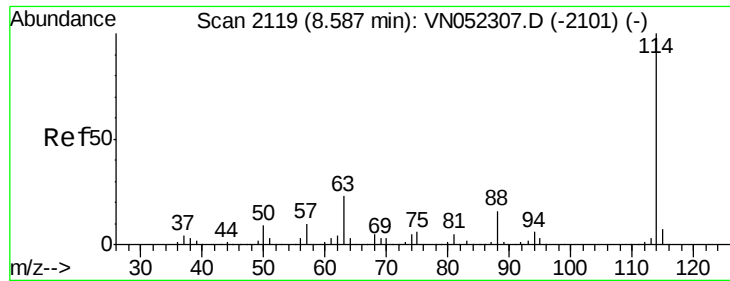


#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN052347.D
Acq: 15 Nov 2018 17:33

Tgt Ion: 65 Resp: 222782

Ion	Ratio	Lower	Upper
65	100		
67	52.2	0.0	105.2

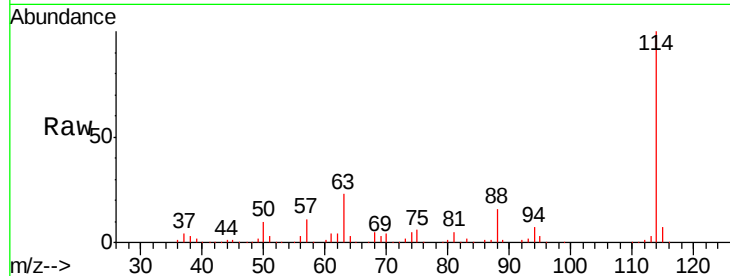




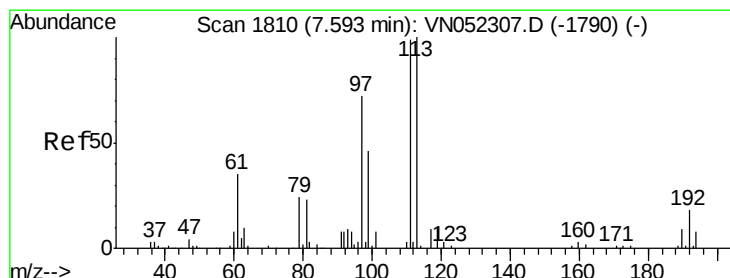
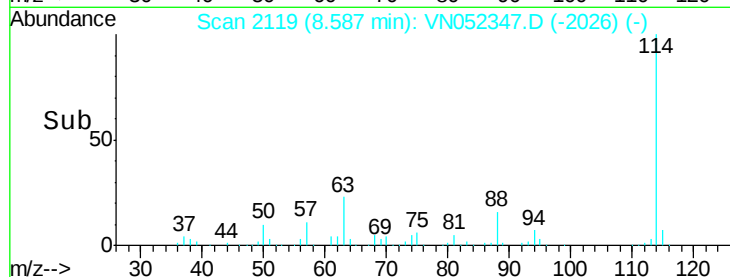
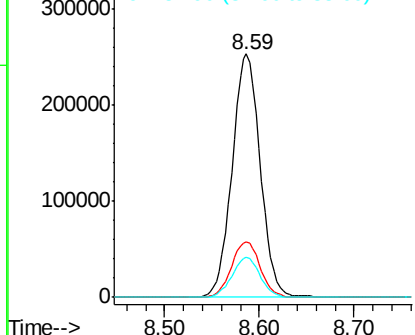
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN052347.D
 Acq: 15 Nov 2018 17:33

Instrument :
 MSVOA_N
 ClientSampleId :
 CL-01-111418-A

Tgt Ion:114 Resp: 520852
 Ion Ratio Lower Upper
 114 100
 63 22.8 0.0 45.4
 88 16.5 0.0 31.2

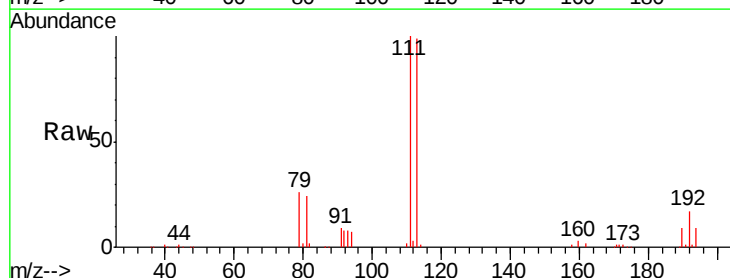


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

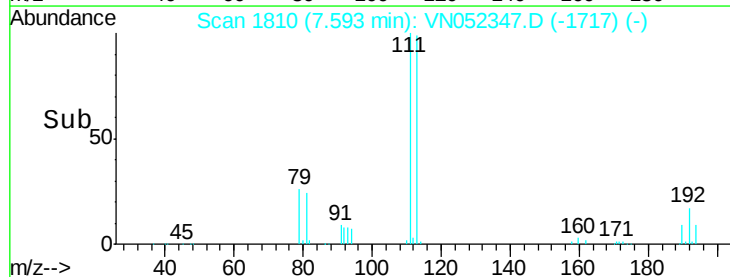
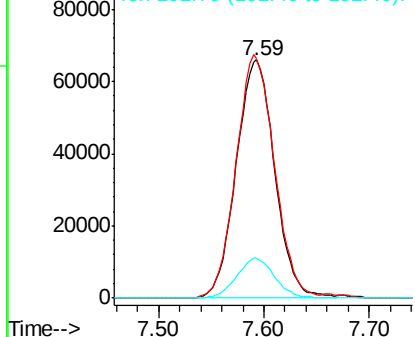


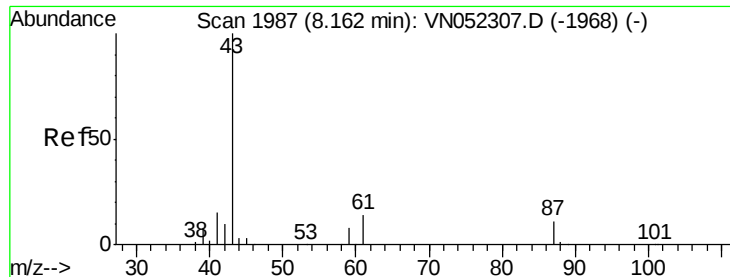
#35
 Dibromofluoromethane
 Concen: 50.00 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: VN052347.D
 Acq: 15 Nov 2018 17:33

Tgt Ion:113 Resp: 167437
 Ion Ratio Lower Upper
 113 100
 111 101.7 81.0 121.6
 192 16.6 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: 2.76 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.01 min

Lab File: VN052347.D

Acq: 15 Nov 2018 17:33

Instrument :

MSVOA_N

ClientSampleId :

CL-01-111418-A

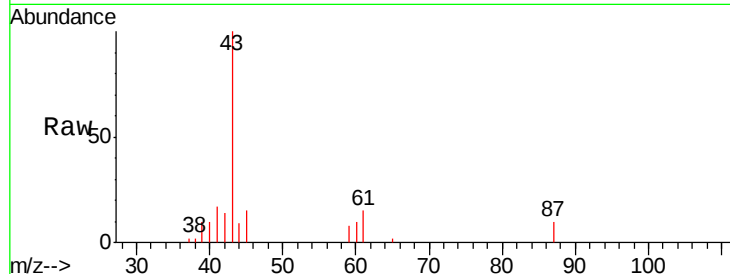
Tgt Ion: 43 Resp: 20150

Ion Ratio Lower Upper

43 100

61 15.5 12.0 18.0

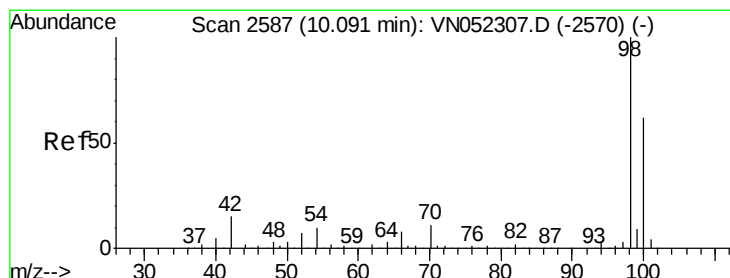
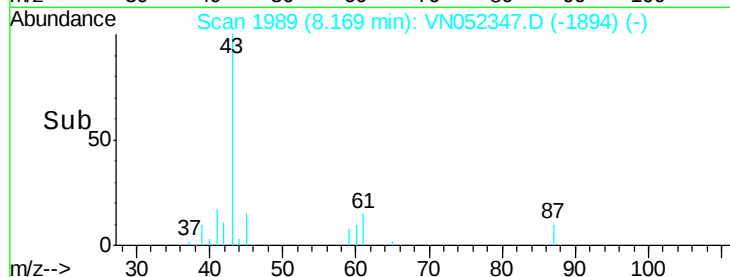
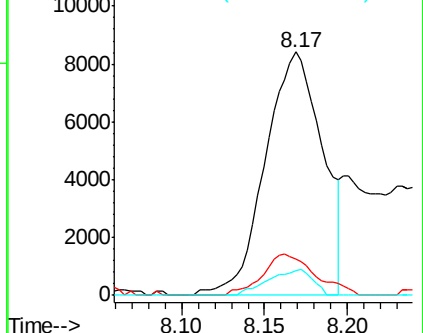
87 8.2 8.3 12.5#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN052347.D

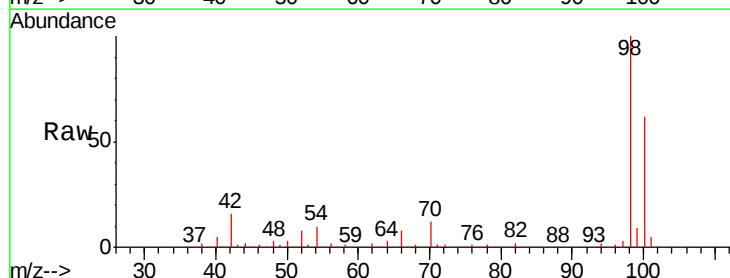
Acq: 15 Nov 2018 17:33

Tgt Ion: 98 Resp: 665070

Ion Ratio Lower Upper

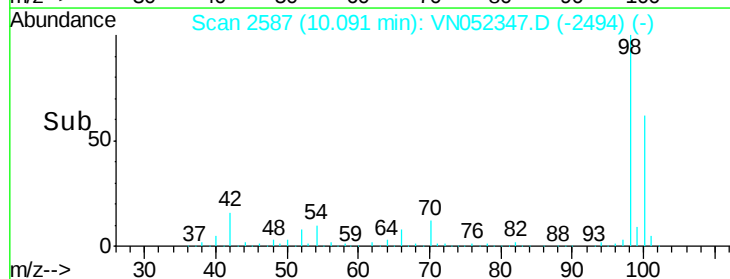
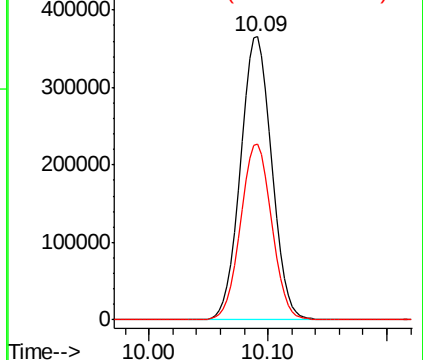
98 100

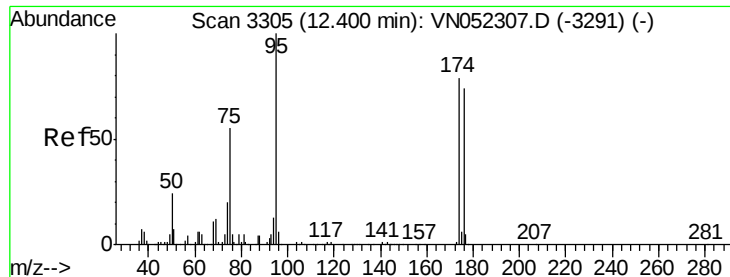
100 61.9 49.5 74.3



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: Below ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN052347.D

Acq: 15 Nov 2018 17:33

Instrument :

MSVOA_N

ClientSampleId :

CL-01-111418-A

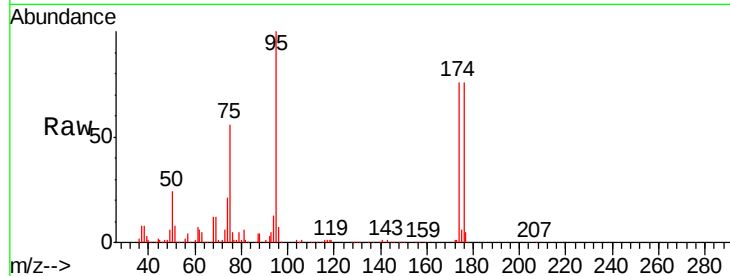
Tgt Ion: 95 Resp: 197180

Ion Ratio Lower Upper

95 100

174 75.7 0.0 156.0

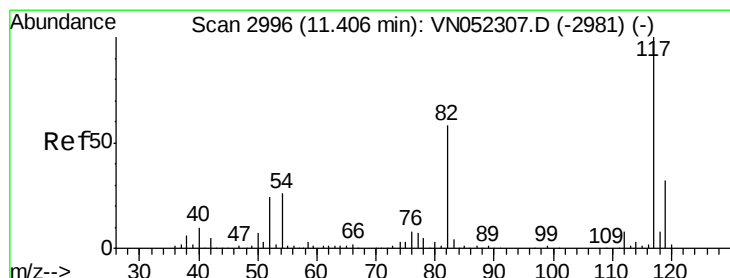
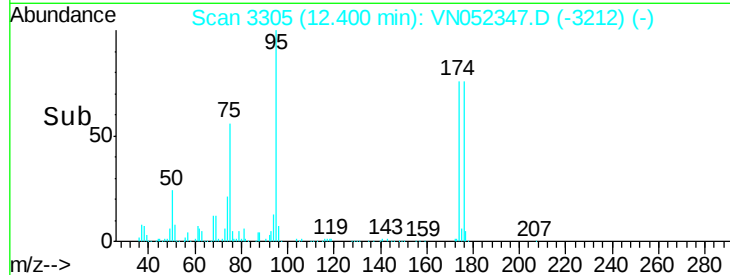
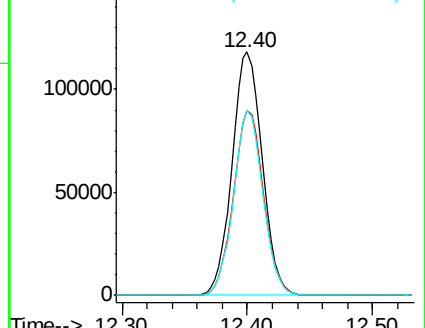
176 74.0 0.0 148.4



Abundance Ion 94.90 (94.60 to 95.60): VN052347.D (-3212) (-)

Ion 173.80 (173.50 to 174.50): VN052347.D (-3212) (-)

Ion 175.80 (175.50 to 176.50): VN052347.D (-3212) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN052347.D

Acq: 15 Nov 2018 17:33

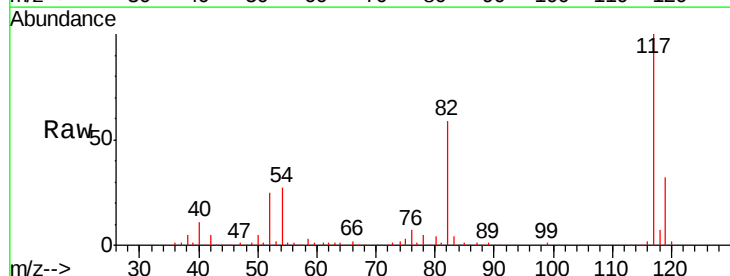
Tgt Ion: 117 Resp: 447380

Ion Ratio Lower Upper

117 100

82 59.4 46.5 69.7

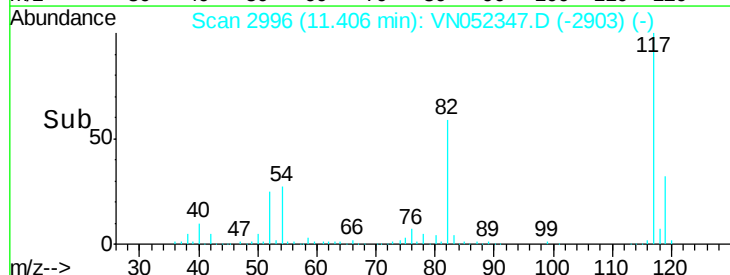
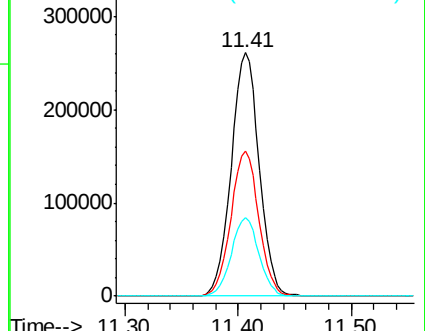
119 32.3 25.7 38.5

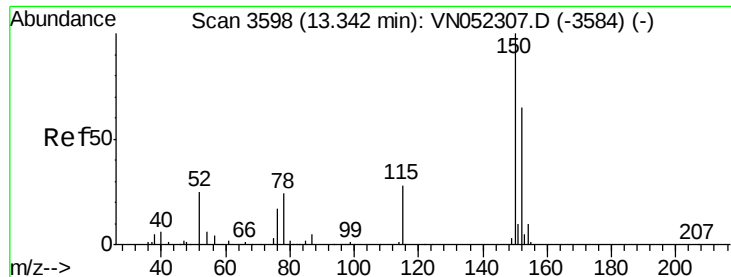


Abundance Ion 116.90 (116.60 to 117.60): VN052347.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN052347.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN052347.D (-2903) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN052347.D

Acq: 15 Nov 2018 17:33

Instrument :

MSVOA_N

ClientSampleId :

CL-01-111418-A

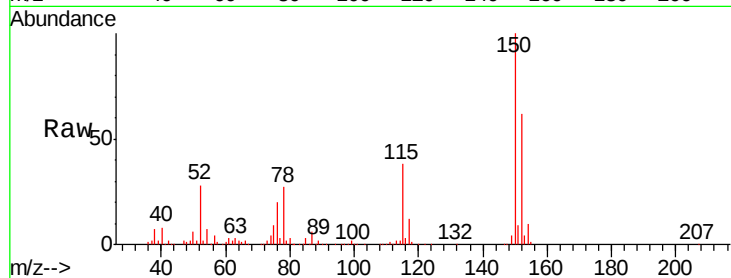
Tgt Ion:152 Resp: 161381

Ion Ratio Lower Upper

152 100

115 60.5 30.3 91.0

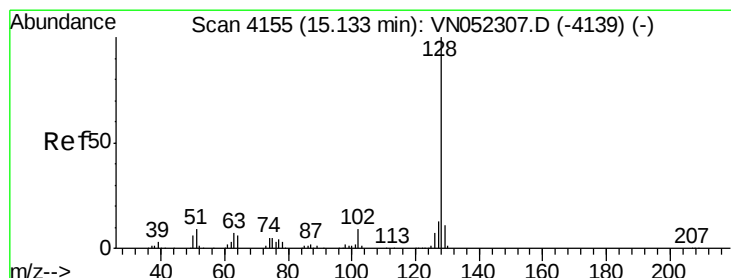
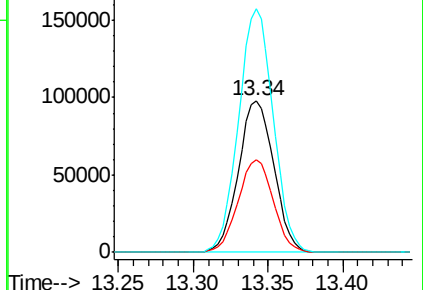
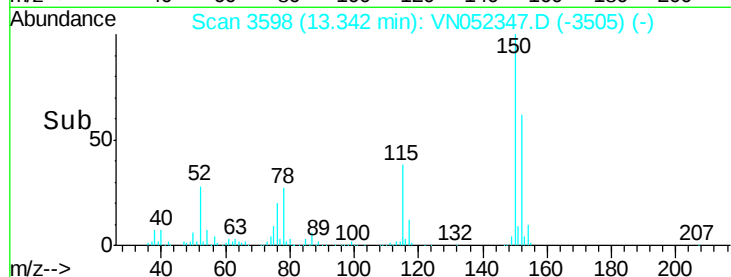
150 157.2 0.0 348.2



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: 6.62 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN052347.D

Acq: 15 Nov 2018 17:33

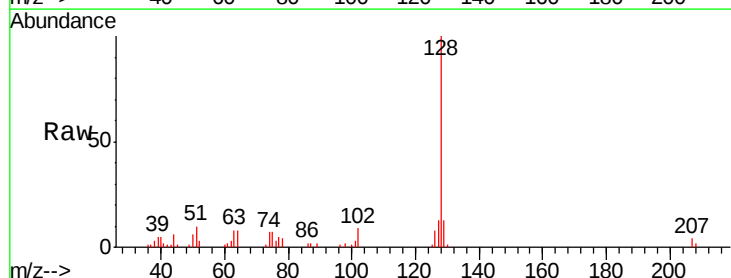
Tgt Ion:128 Resp: 24199

Ion Ratio Lower Upper

128 100

127 13.1 10.4 15.6

129 12.0 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

