

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110218\
 Data File : VN052125.D
 Acq On : 2 Nov 2018 13:28
 Operator : MD\SY
 Sample : PB114370ZHE#14
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 PB114370ZHE#14

Quant Time: Nov 02 23:12:39 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N103018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 31 02:45:22 2018
 Response via : Initial Calibration

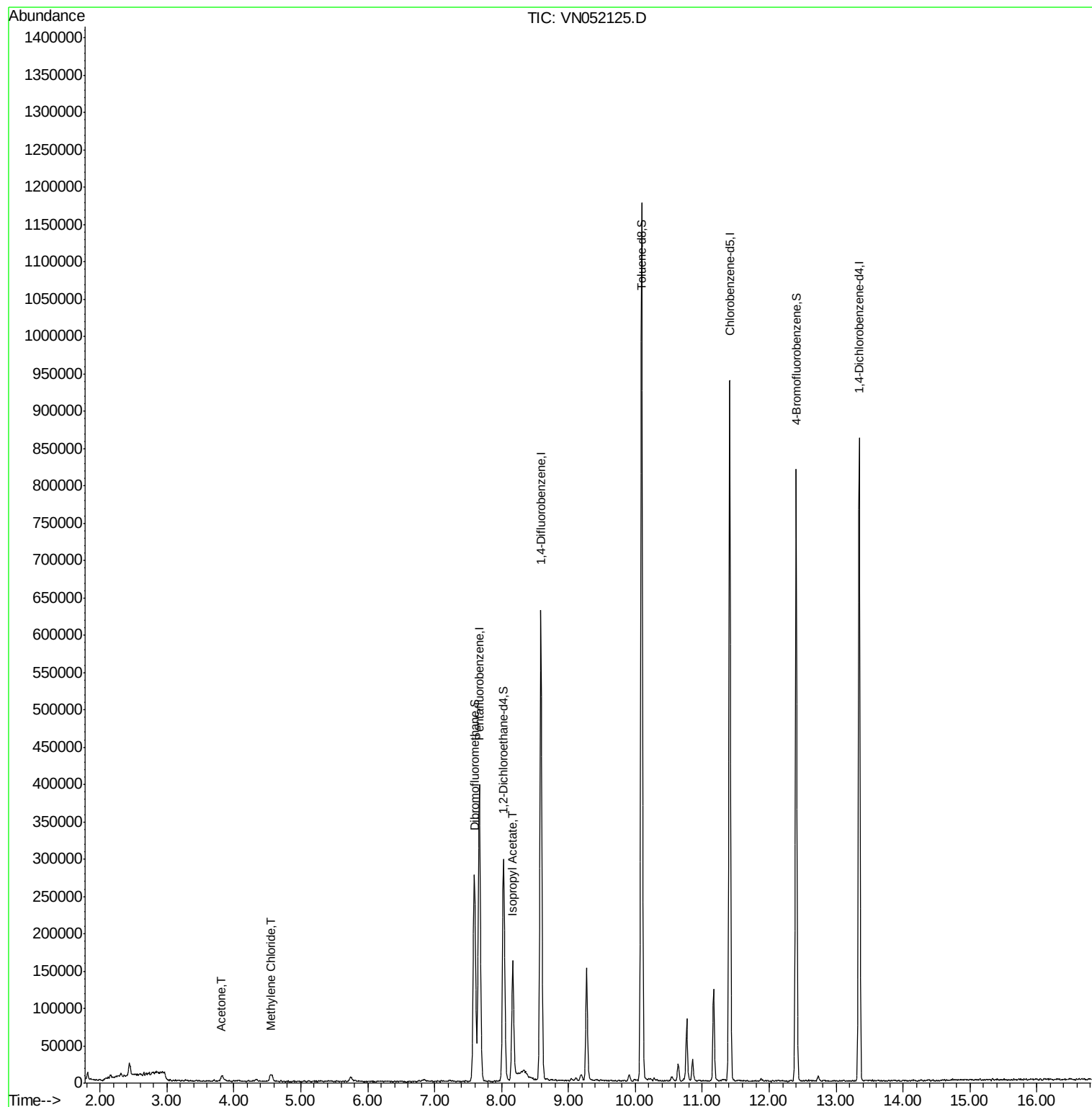
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	294226	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	541433	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	526412	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	208924	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	252785	53.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.08%	
35) Dibromofluoromethane	7.59	113	208726	61.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	123.24%	
50) Toluene-d8	10.09	98	822055	60.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	121.44%	
62) 4-Bromofluorobenzene	12.40	95	278459	56.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.06%	
Target Compounds						
16) Acetone	3.82	43	13817	13.710	ug/l	98
20) Methylene Chloride	4.55	84	6998	1.822	ug/l #	67
43) Isopropyl Acetate	8.17	43	196560	29.991	ug/l	96

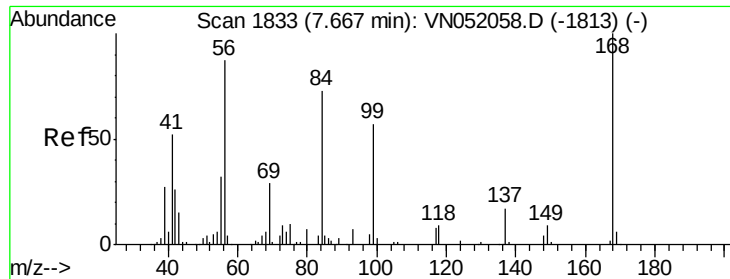
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1834

Delta R.T. 0.00 min

Lab File: VN052125.D

Acq: 2 Nov 2018 13:28

Instrument :

MSVOA_N

ClientSampleId :

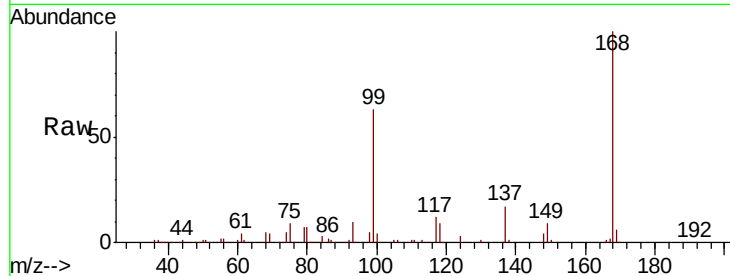
PB114370ZHE#14

Tot Ion:168 Resp: 294226

Ion Ratio Lower Upper

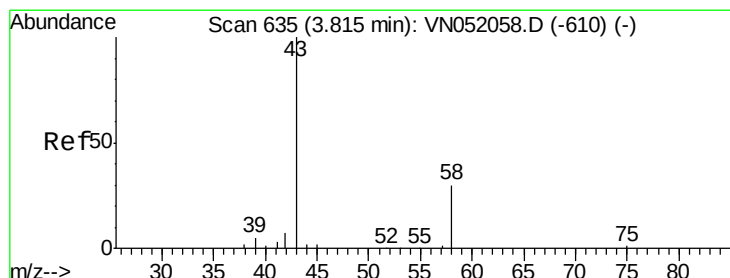
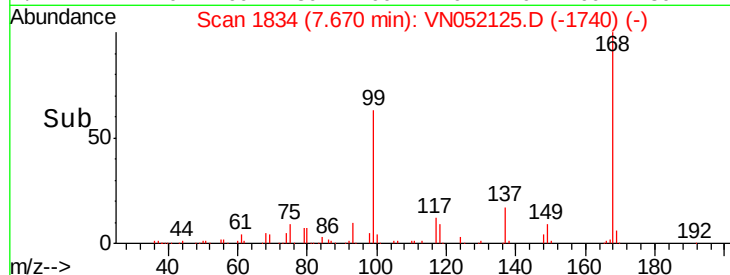
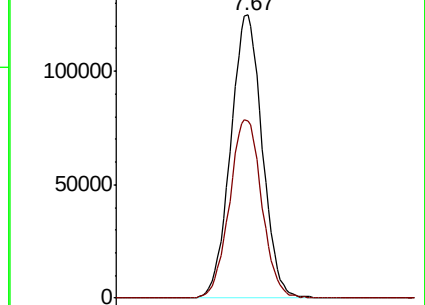
168 100

99 62.7 56.6 85.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 13.710 ug/l

RT: 3.82 min Scan# 635

Delta R.T. 0.00 min

Lab File: VN052125.D

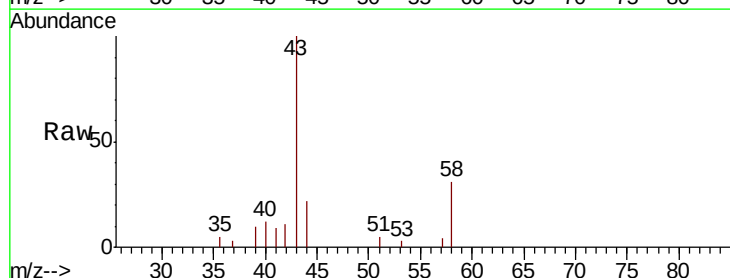
Acq: 2 Nov 2018 13:28

Tgt Ion: 43 Resp: 13817

Ion Ratio Lower Upper

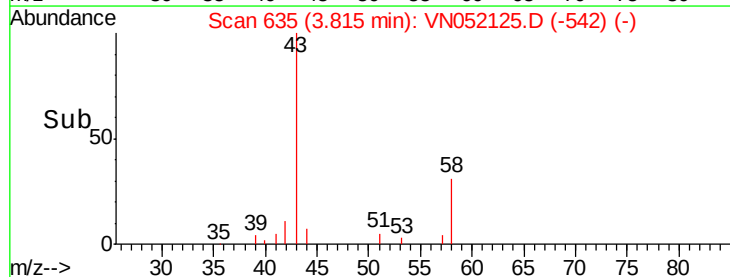
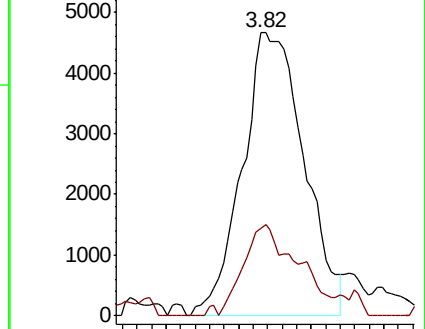
43 100

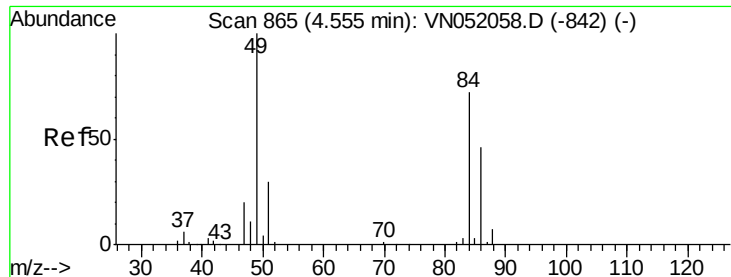
58 31.1 24.2 36.2



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO





#20

Methylene Chloride

Concen: 1.822 ug/l

RT: 4.55 min Scan# 864

Delta R.T. -0.00 min

Lab File: VN052125.D

Acq: 2 Nov 2018 13:28

Instrument :

MSVOA_N

ClientSampleId :

PB114370ZHE#14

Tot Ion: 84 Resp: 6998

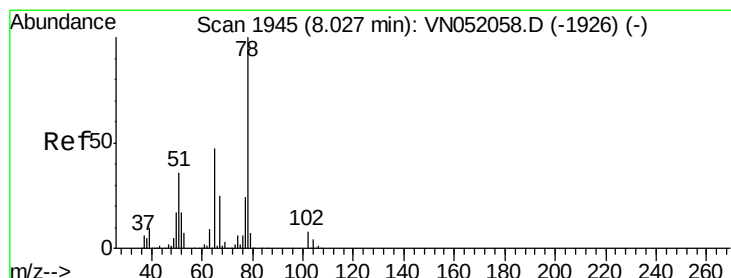
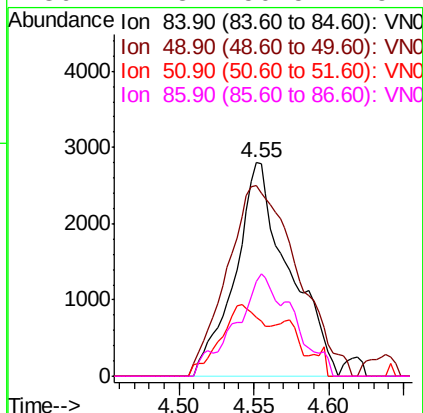
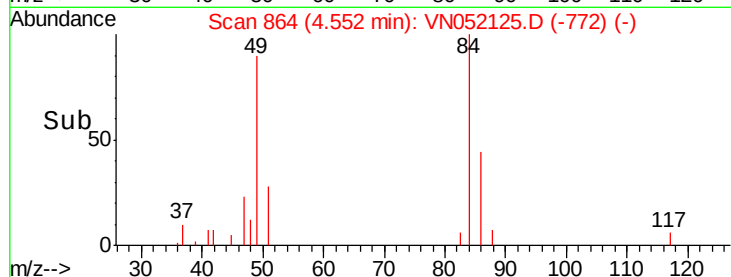
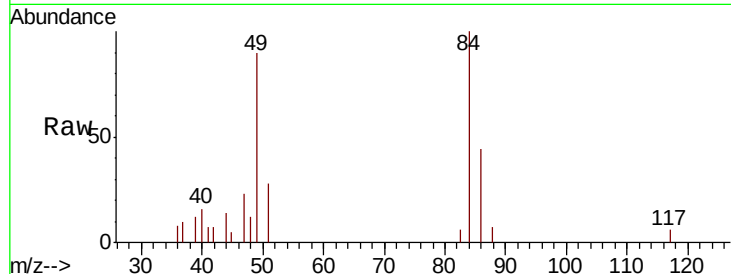
Ion Ratio Lower Upper

84 100

49 89.5 110.6 165.8#

51 27.7 33.7 50.5#

86 44.3 50.5 75.7#



#33

1,2-Dichloroethane-d4

Concen: Below ug/l

RT: 8.03 min Scan# 1946

Delta R.T. 0.00 min

Lab File: VN052125.D

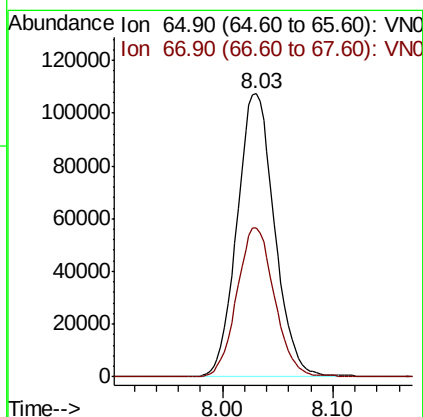
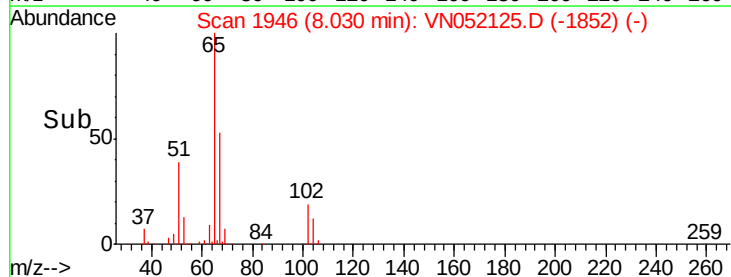
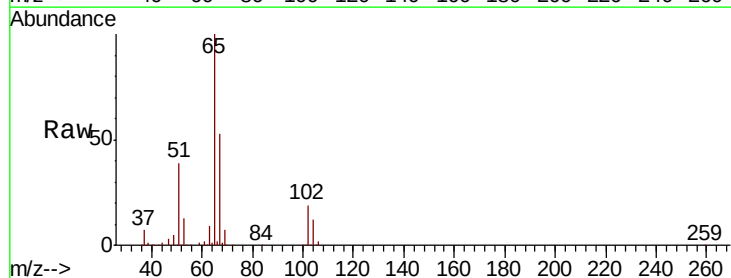
Acq: 2 Nov 2018 13:28

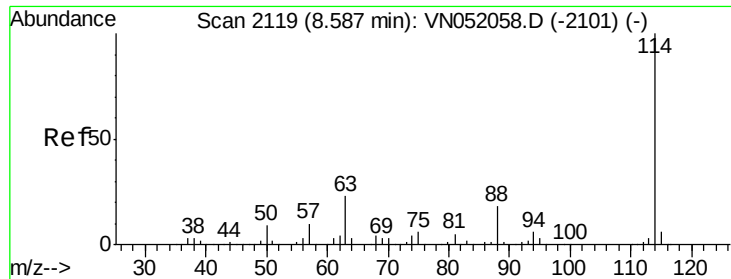
Tgt Ion: 65 Resp: 252785

Ion Ratio Lower Upper

65 100

67 53.0 0.0 105.2

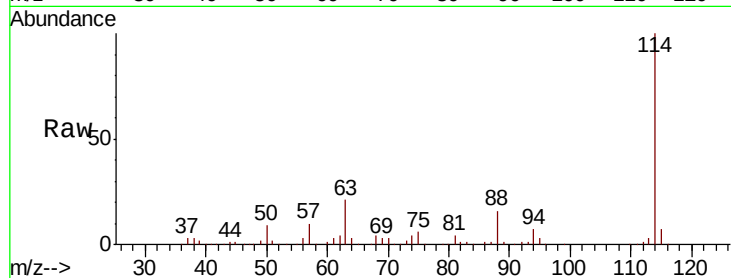




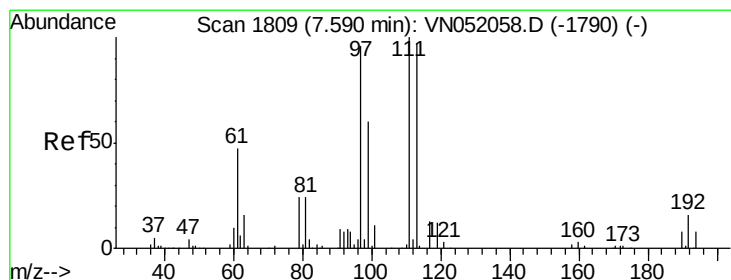
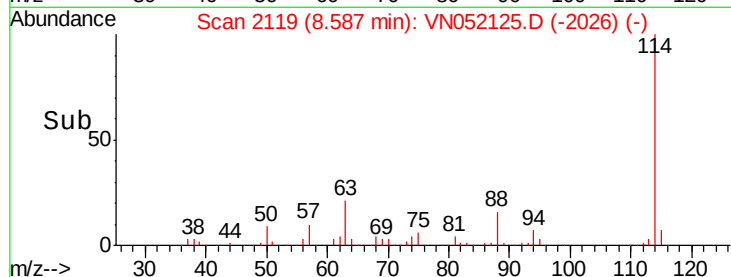
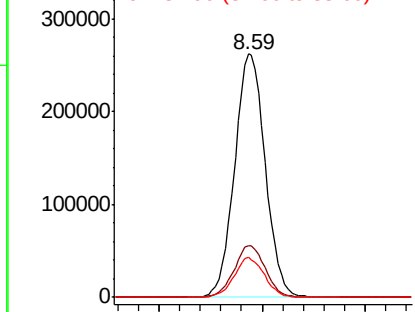
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN052125.D
 Acq: 2 Nov 2018 13:28

Instrument :
 MSVOA_N
 ClientSampleId :
 PB114370ZHE#14

Tot Ion:114 Resp: 541433
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 46.0
 88 16.2 0.0 35.4

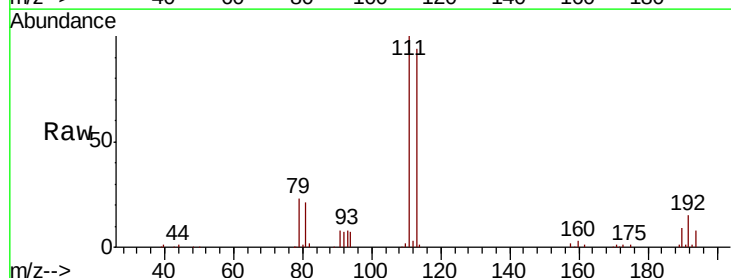


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

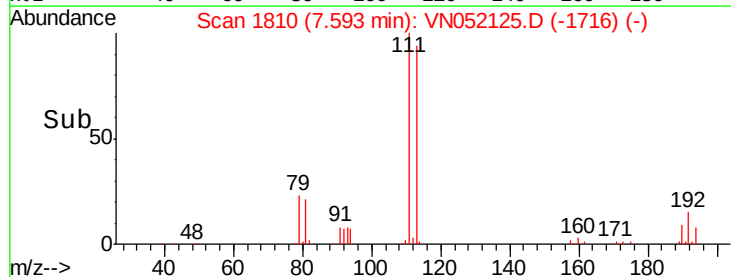
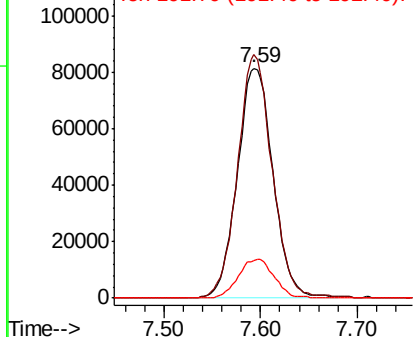


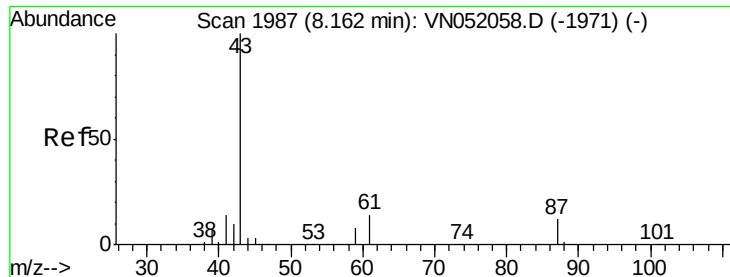
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN052125.D
 Acq: 2 Nov 2018 13:28

Tgt Ion:113 Resp: 208726
 Ion Ratio Lower Upper
 113 100
 111 102.2 83.1 124.7
 192 16.8 12.7 19.1



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: 29.991 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.01 min

Lab File: VN052125.D

Acq: 2 Nov 2018 13:28

Instrument :

MSVOA_N

ClientSampleId :

PB114370ZHE#14

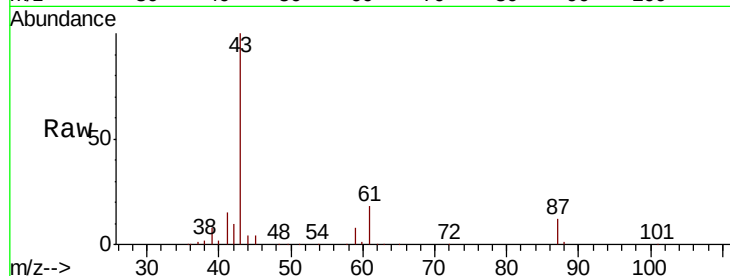
Tot Ion: 43 Resp: 196560

Ion Ratio Lower Upper

43 100

61 17.1 15.4 23.0

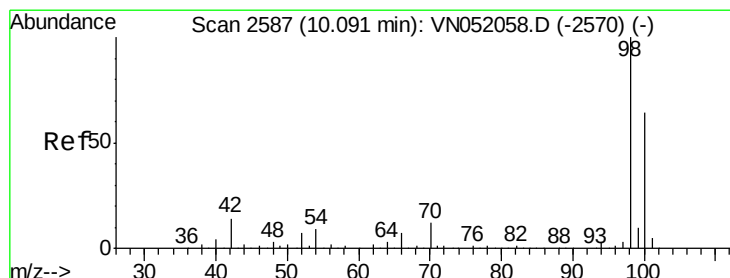
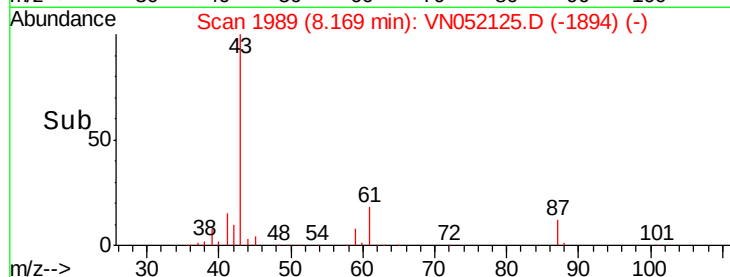
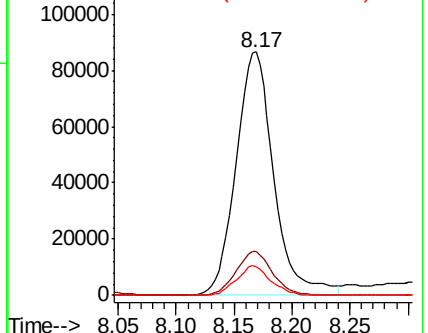
87 11.0 9.8 14.8



Abundance Ion 43.00 (42.70 to 43.70): VN052125.D (-1971) (-)

Ion 61.00 (60.70 to 61.70): VN052125.D (-1971) (-)

Ion 87.00 (86.70 to 87.70): VN052125.D (-1971) (-)



#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN052125.D

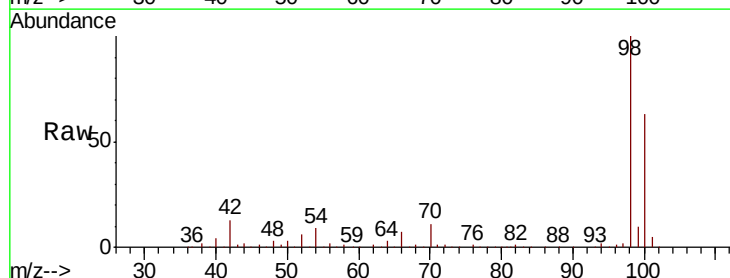
Acq: 2 Nov 2018 13:28

Tgt Ion: 98 Resp: 822055

Ion Ratio Lower Upper

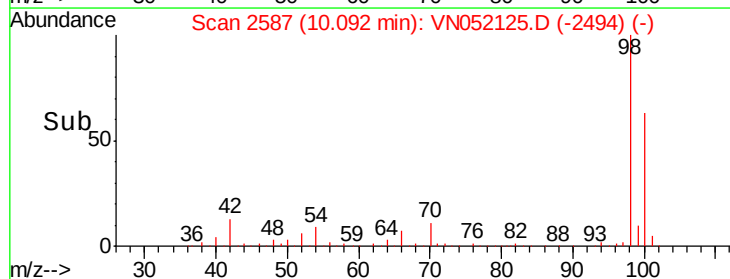
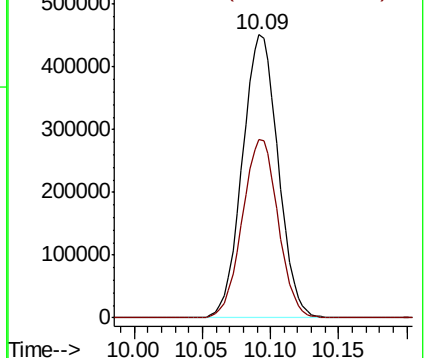
98 100

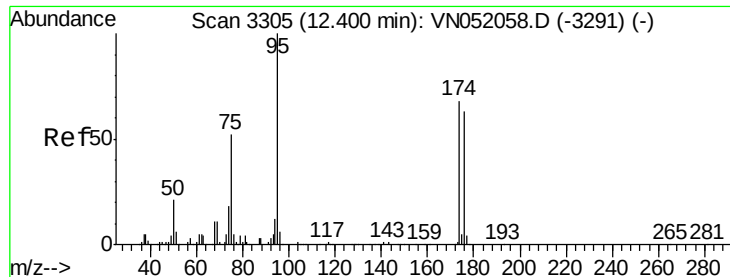
100 63.0 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VN052125.D (-2494) (-)

Ion 100.00 (99.70 to 100.70): VN052125.D (-2494) (-)





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN052125.D

Acq: 2 Nov 2018 13:28

Instrument :

MSVOA_N

ClientSampleId :

PB114370ZHE#14

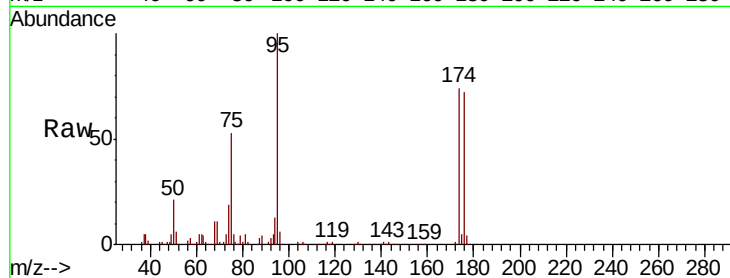
Tot Ion: 95 Resp: 278459

Ion Ratio Lower Upper

95 100

174 72.3 0.0 131.8

176 70.4 0.0 126.0



Abundance Ion 94.90 (94.60 to 95.60): VN052125.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN052125.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN052125.D (-3291) (-)

12.40

150000

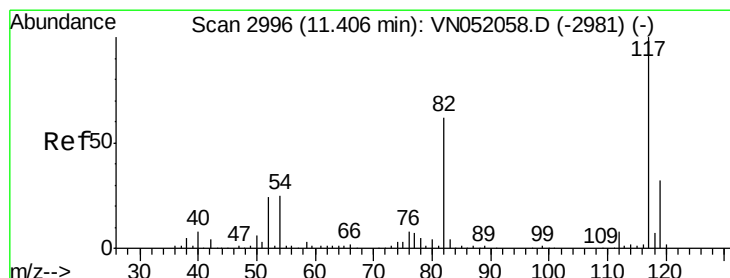
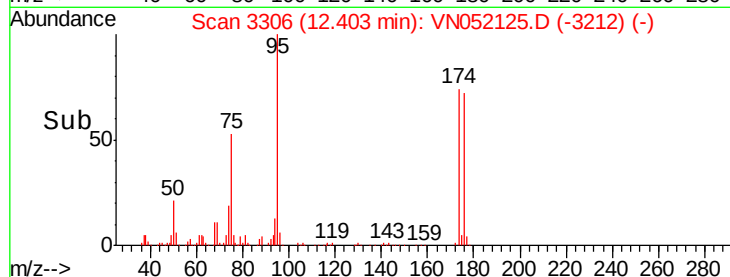
100000

50000

0

12.35 12.40 12.45

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN052125.D

Acq: 2 Nov 2018 13:28

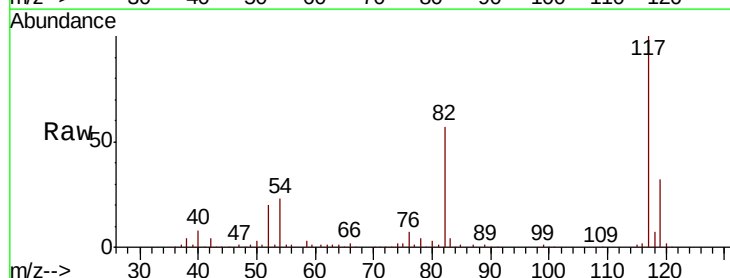
Tgt Ion: 117 Resp: 526412

Ion Ratio Lower Upper

117 100

82 56.7 49.9 74.9

119 32.2 25.7 38.5



Abundance Ion 116.90 (116.60 to 117.60): VN052125.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN052125.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN052125.D (-2981) (-)

11.41

400000

300000

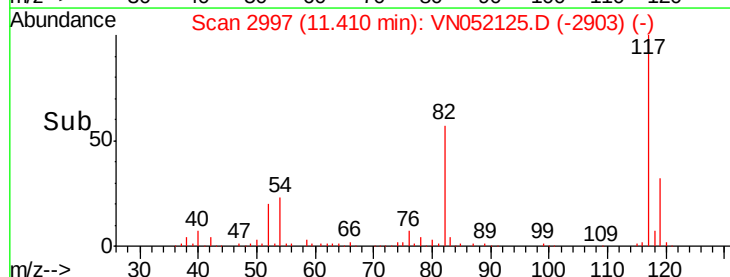
200000

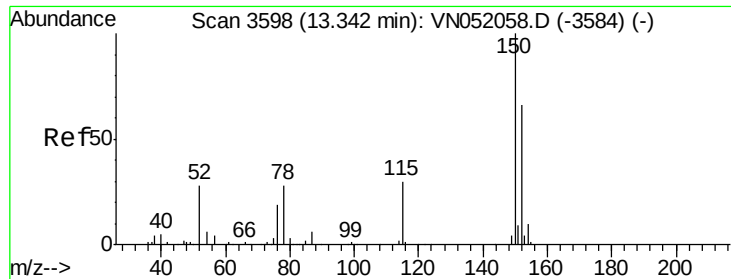
100000

0

11.30 11.40 11.50

Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN052125.D

Acq: 2 Nov 2018 13:28

Instrument :

MSVOA_N

ClientSampleId :

PB114370ZHE#14

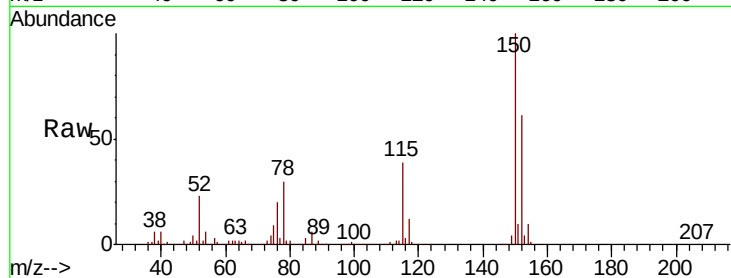
Tot Ion:152 Resp: 208924

Ion Ratio Lower Upper

152 100

115 64.3 31.6 95.0

150 158.8 0.0 345.0



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

