

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110518\
 Data File : VN052167.D
 Acq On : 6 Nov 2018 00:21
 Operator : MD\SY
 Sample : J5764-12
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 27 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 JC-03-110218-F

Quant Time: Nov 06 06:28:13 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 05 22:32:25 2018
 Response via : Initial Calibration

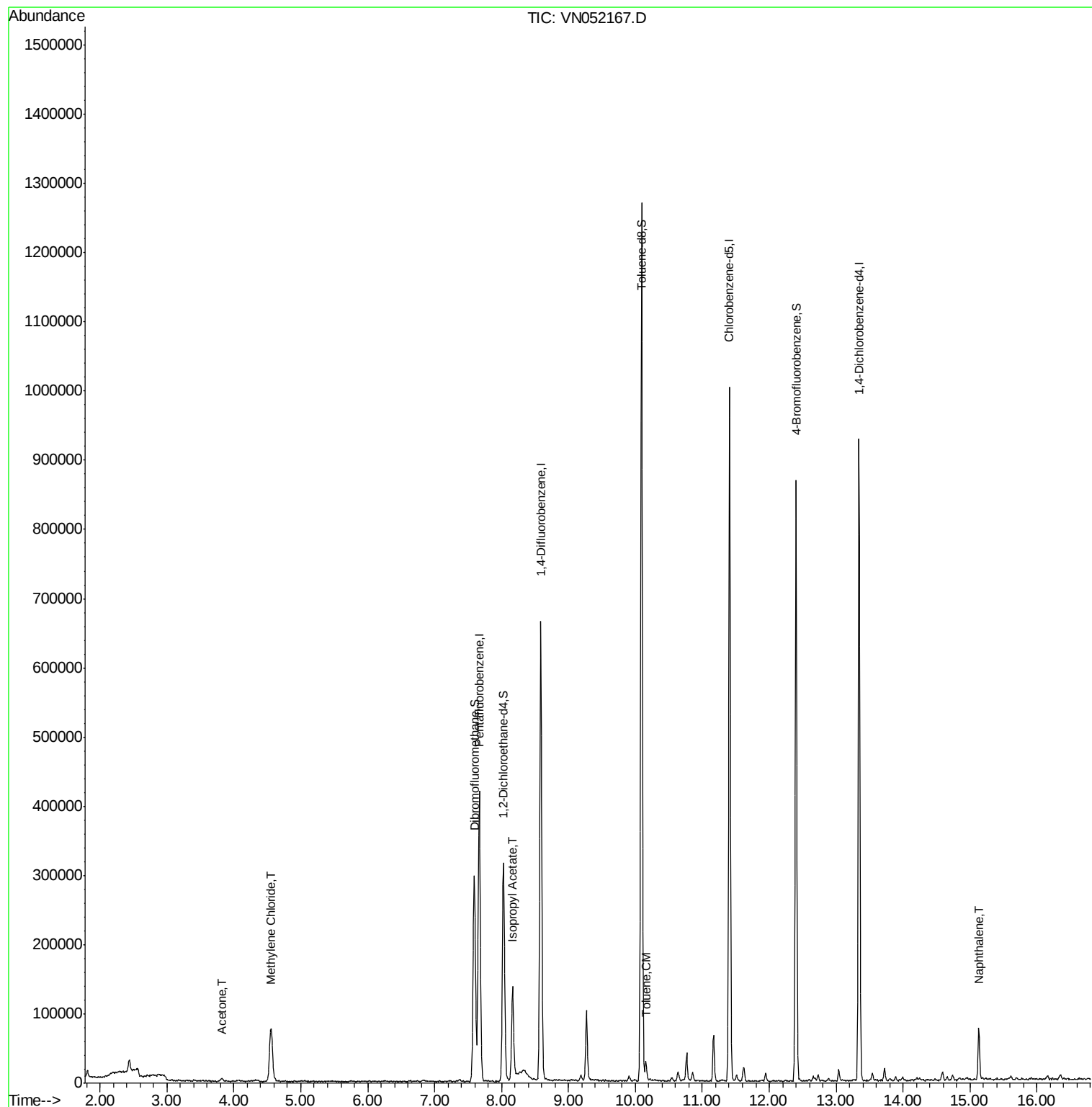
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	321846	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	580982	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	571777	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	233871	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	254021	66.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	133.12%	
35) Dibromofluoromethane	7.59	113	225971	62.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	125.28%	
50) Toluene-d8	10.09	98	872063	62.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	125.06%	
62) 4-Bromofluorobenzene	12.40	95	288911	63.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	126.22%	
Target Compounds						
					Qvalue	
16) Acetone	3.82	43	7631	8.825	ug/l #	83
20) Methylene Chloride	4.56	84	56850	15.824	ug/l	94
43) Isopropyl Acetate	8.17	43	163216	27.832	ug/l #	87
52) Toluene	10.15	92	10331	1.134	ug/l	98
95) Naphthalene	15.13	128	60977	8.514	ug/l	98

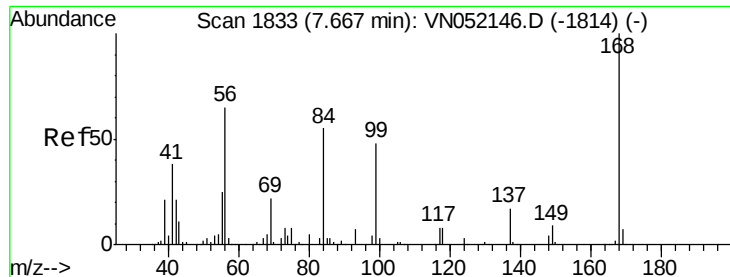
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN110518\
Data File : VN052167.D
Acq On : 6 Nov 2018 00:21
Operator : MD\SY
Sample : J5764-12
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 27 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :
JC-03-110218-F

Quant Time: Nov 06 06:28:13 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N110518W.M
Quant Title : SW846 8260
QLast Update : Mon Nov 05 22:32:25 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN052167.D

Acq: 6 Nov 2018 00:21

Instrument :

MSVOA_N

ClientSampleId :

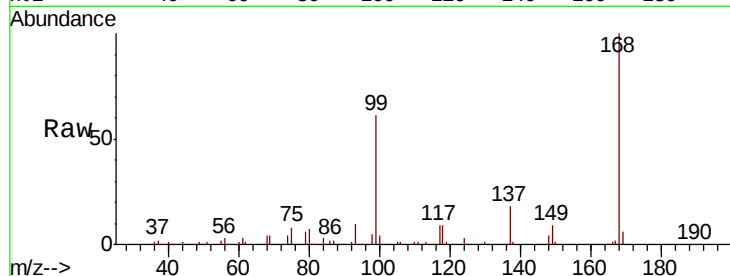
JC-03-110218-F

Tot Ion:168 Resp: 321846

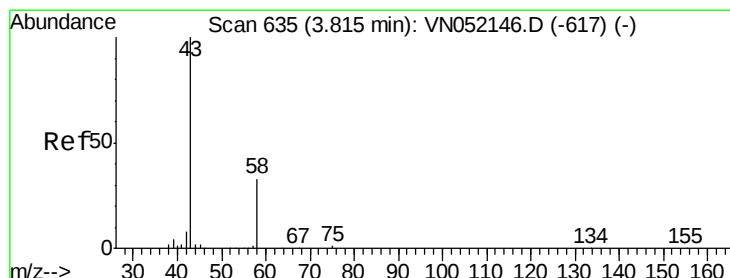
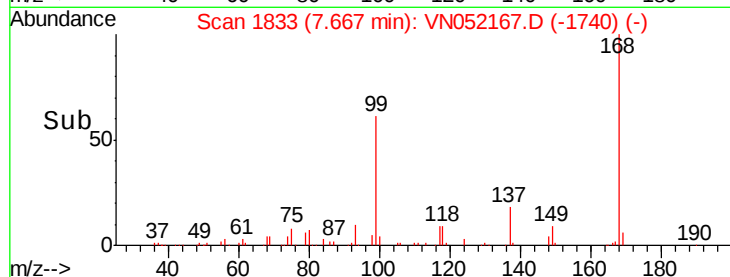
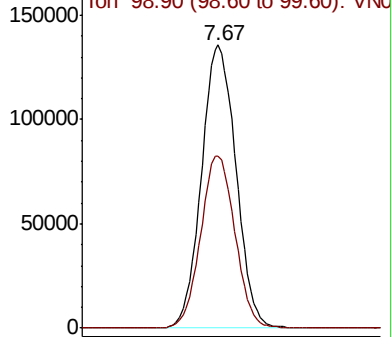
Ion Ratio Lower Upper

168 100

99 61.0 45.4 68.2



Abundance Ion 167.90 (167.60 to 168.60): VN052167.D (-1740) (-)



#16

Acetone

Concen: 8.825 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN052167.D

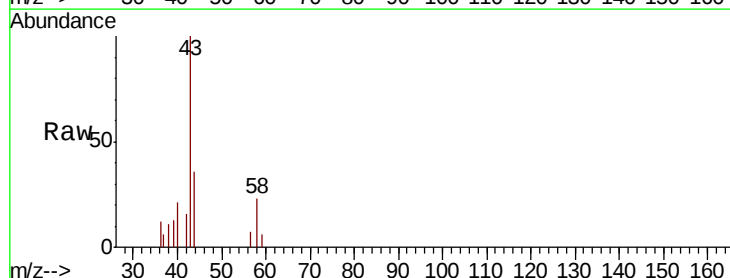
Acq: 6 Nov 2018 00:21

Tgt Ion: 43 Resp: 7631

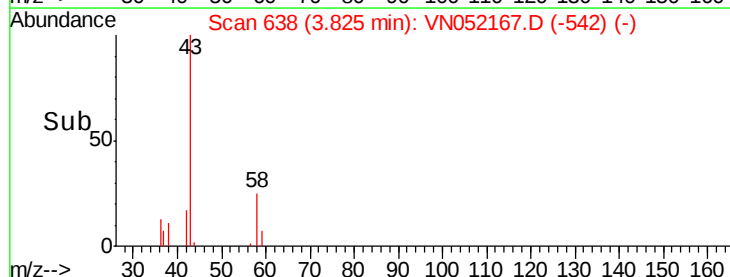
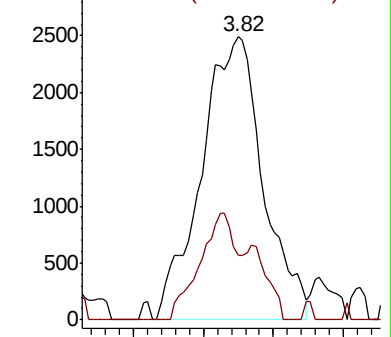
Ion Ratio Lower Upper

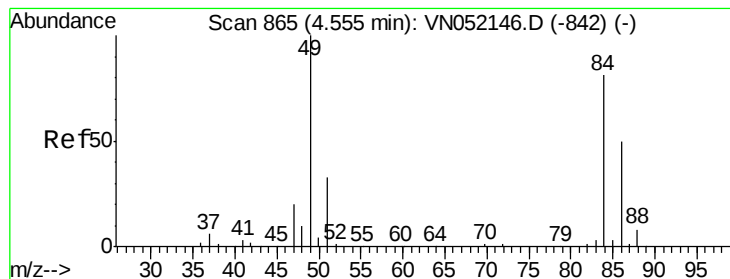
43 100

58 22.9 26.2 39.2#



Abundance Ion 43.00 (42.70 to 43.70): VN052167.D (-542) (-)





#20

Methylene Chloride

Concen: 15.824 ug/l

RT: 4.56 min Scan# 866

Delta R.T. 0.00 min

Lab File: VN052167.D

Acq: 6 Nov 2018 00:21

Instrument :

MSVOA_N

ClientSampleId :

JC-03-110218-F

Tot Ion: 84 Resp: 56850

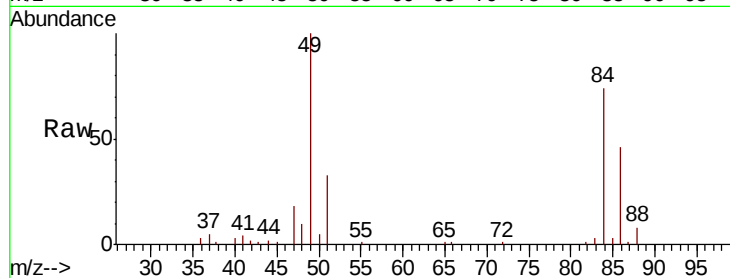
Ion Ratio Lower Upper

84 100

49 133.6 98.4 147.6

51 43.9 32.5 48.7

86 61.7 49.7 74.5

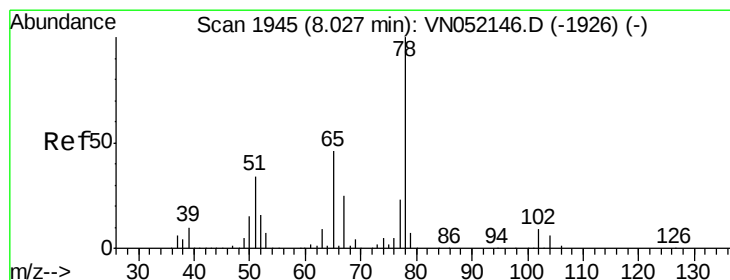
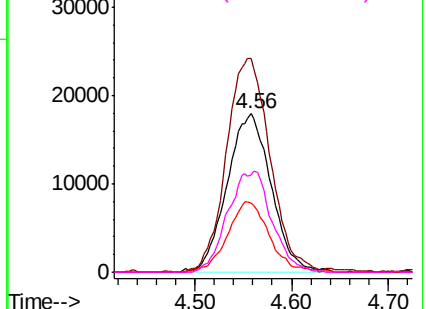
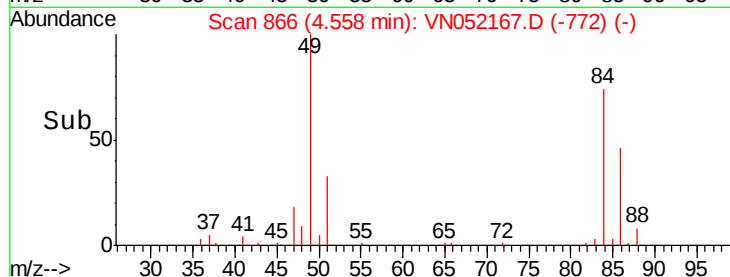


Abundance Ion 83.90 (83.60 to 84.60): VNO

Ion 48.90 (48.60 to 49.60): VNO

Ion 50.90 (50.60 to 51.60): VNO

Ion 85.90 (85.60 to 86.60): VNO



#33

1,2-Dichloroethane-d4

Concen: Below ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN052167.D

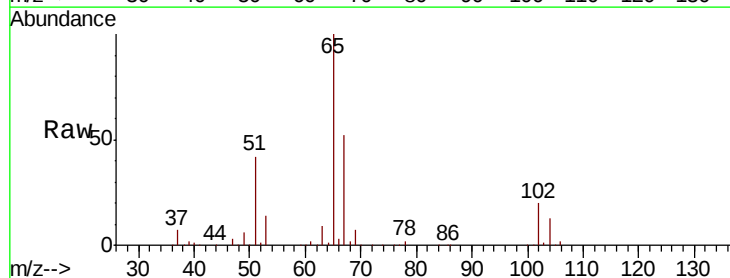
Acq: 6 Nov 2018 00:21

Tgt Ion: 65 Resp: 254021

Ion Ratio Lower Upper

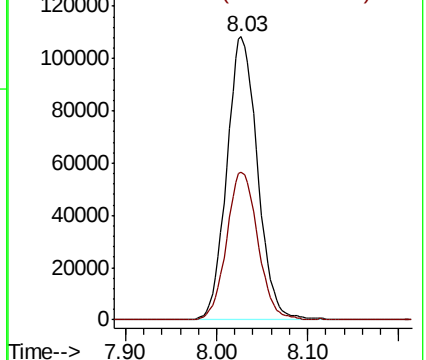
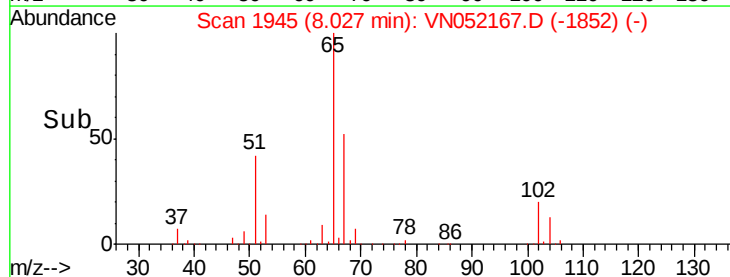
65 100

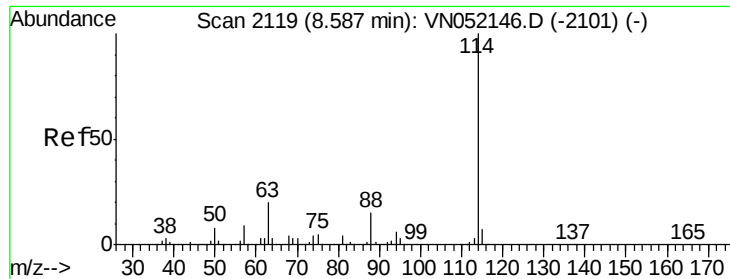
67 53.2 0.0 107.6



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

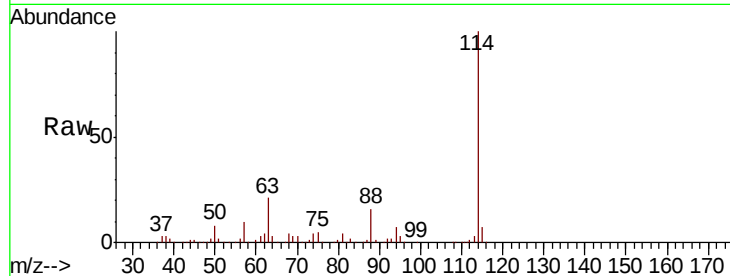




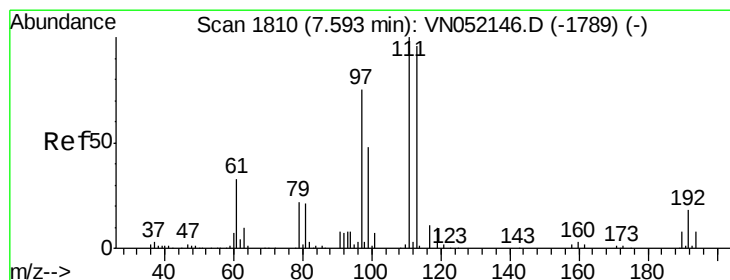
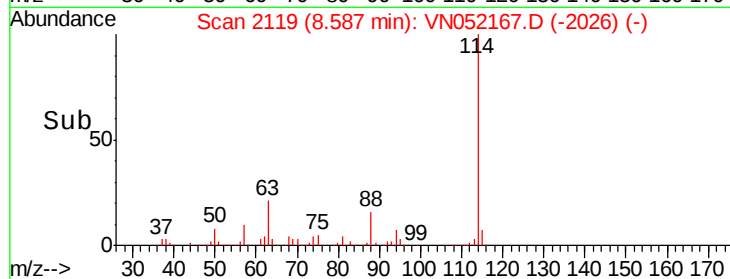
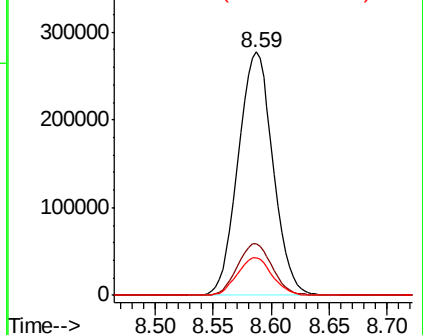
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN052167.D
 Acq: 6 Nov 2018 00:21

Instrument :
 MSVOA_N
 ClientSampleId :
 JC-03-110218-F

Tot Ion:114 Resp: 580982
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 40.0
 88 15.5 0.0 31.0

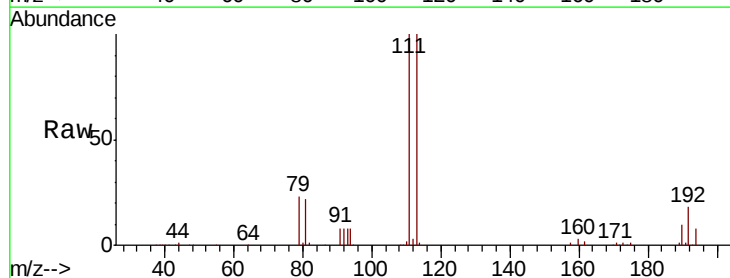


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

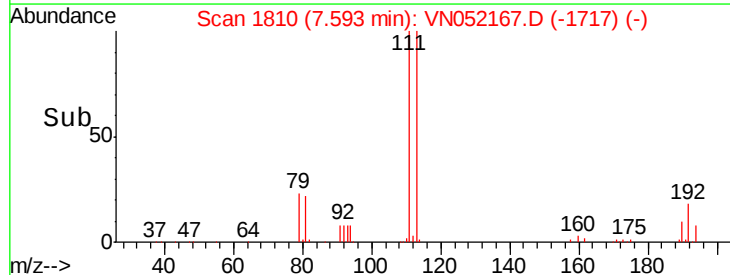
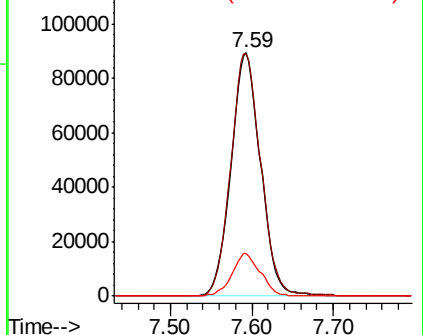


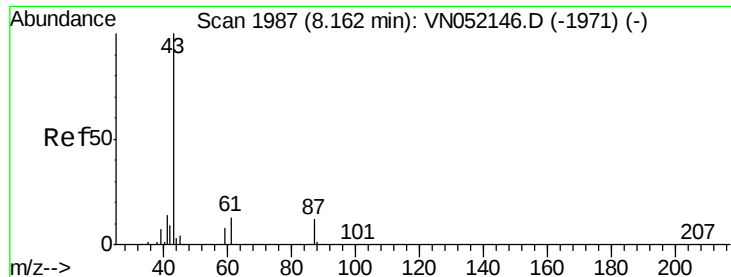
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN052167.D
 Acq: 6 Nov 2018 00:21

Tgt Ion:113 Resp: 225971
 Ion Ratio Lower Upper
 113 100
 111 101.4 81.7 122.5
 192 16.7 14.2 21.4



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: 27.832 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN052167.D

Acq: 6 Nov 2018 00:21

Instrument :

MSVOA_N

ClientSampleId :

JC-03-110218-F

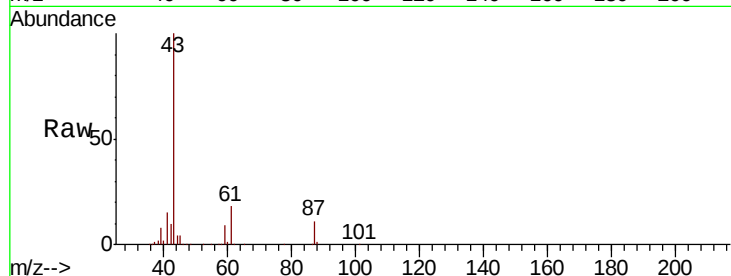
Tot Ion: 43 Resp: 163216

Ion Ratio Lower Upper

43 100

61 17.2 21.5 32.3#

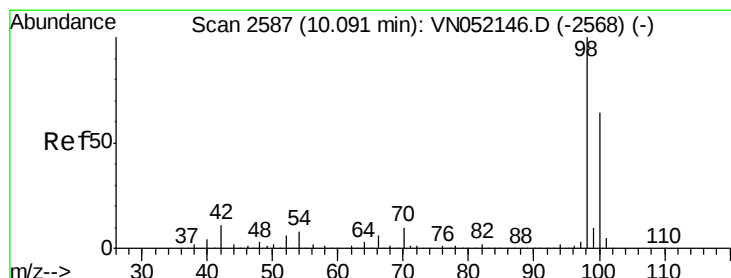
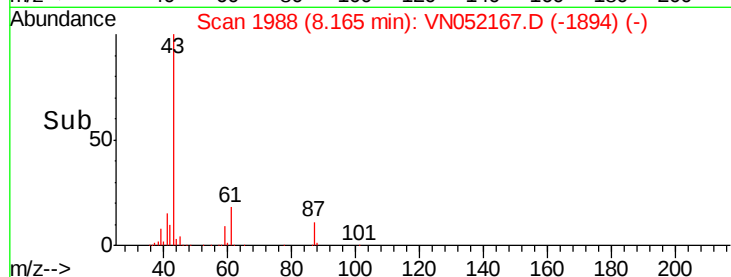
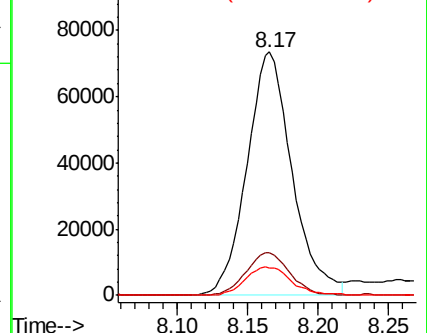
87 12.0 10.2 15.2



Abundance Ion 43.00 (42.70 to 43.70): VN052146.D (-1971) (-)

Ion 61.00 (60.70 to 61.70): VN052146.D (-1971) (-)

Ion 87.00 (86.70 to 87.70): VN052146.D (-1971) (-)



#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN052167.D

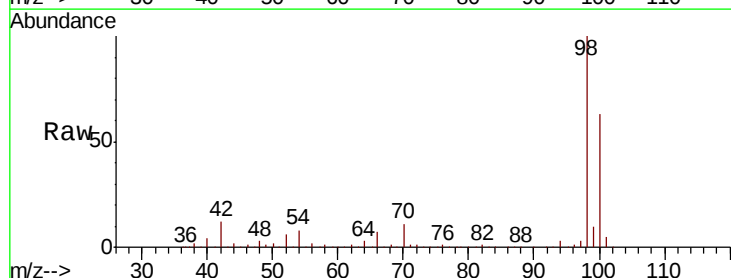
Acq: 6 Nov 2018 00:21

Tgt Ion: 98 Resp: 872063

Ion Ratio Lower Upper

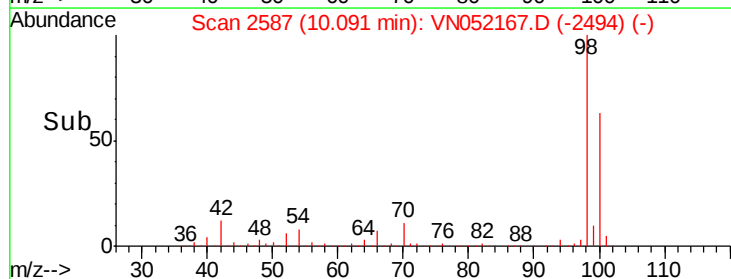
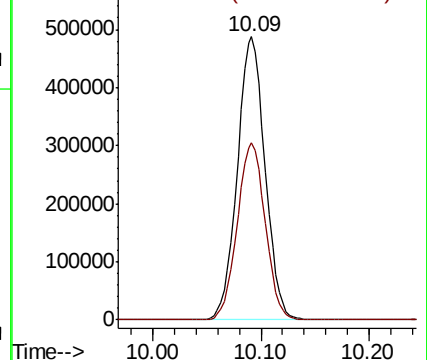
98 100

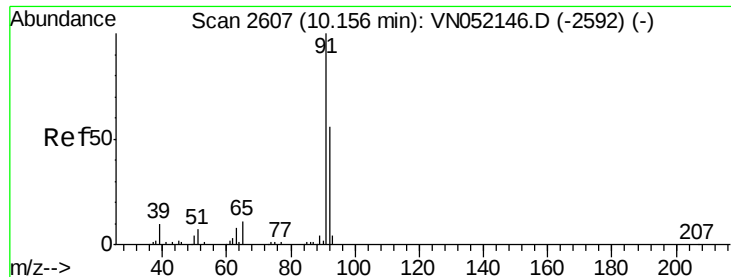
100 63.3 50.5 75.7



Abundance Ion 98.00 (97.70 to 98.70): VN052146.D (-2568) (-)

Ion 100.00 (99.70 to 100.70): VN052146.D (-2568) (-)





#52

Toluene

Concen: 1.134 ug/l

RT: 10.15 min Scan# 2606

Delta R.T. -0.00 min

Lab File: VN052167.D

Acq: 6 Nov 2018 00:21

Instrument :

MSVOA_N

ClientSampleId :

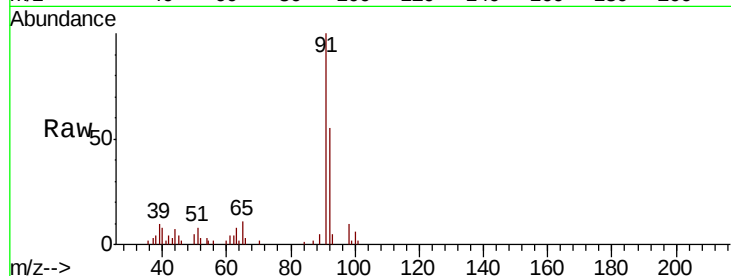
JC-03-110218-F

Tot Ion: 92 Resp: 10331

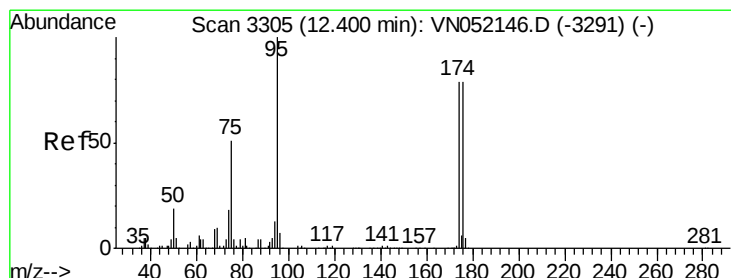
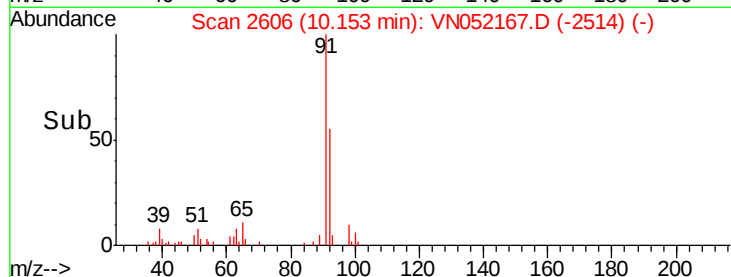
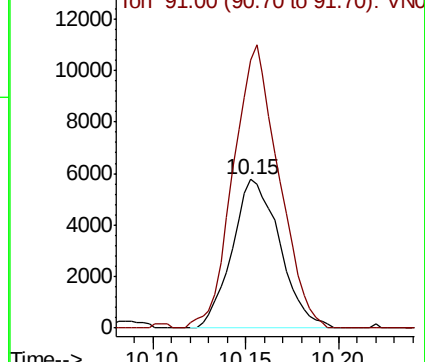
Ion Ratio Lower Upper

92 100

91 181.2 142.5 213.7



Abundance Ion 92.00 (91.70 to 92.70): VN052146.D (-2592) (-)



#62

4-Bromofluorobenzene

Concen: Below ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN052167.D

Acq: 6 Nov 2018 00:21

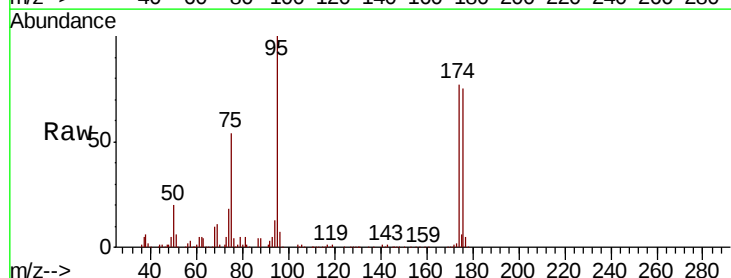
Tgt Ion: 95 Resp: 288911

Ion Ratio Lower Upper

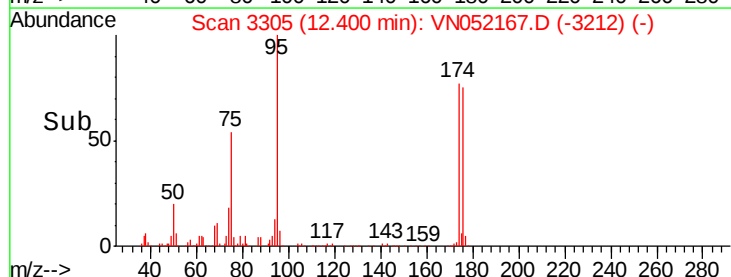
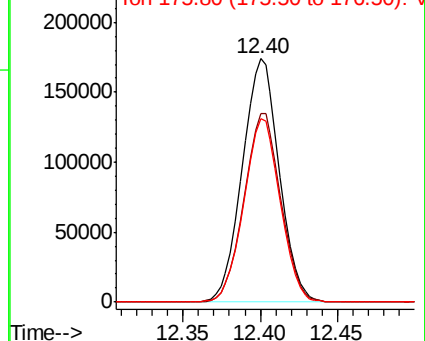
95 100

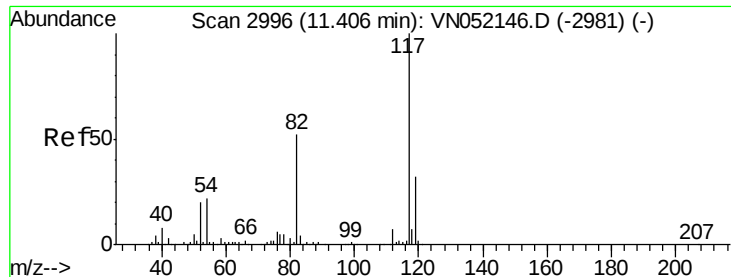
174 77.3 0.0 162.6

176 74.3 0.0 155.4



Abundance Ion 94.90 (94.60 to 95.60): VN052146.D (-3291) (-)

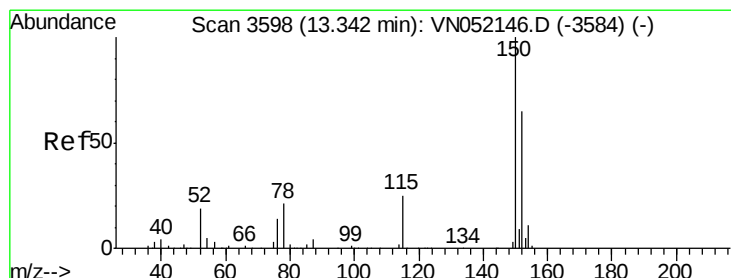
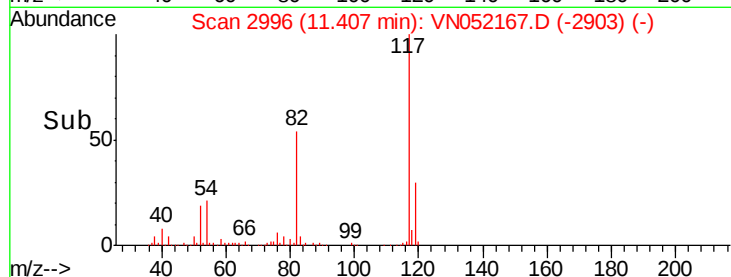
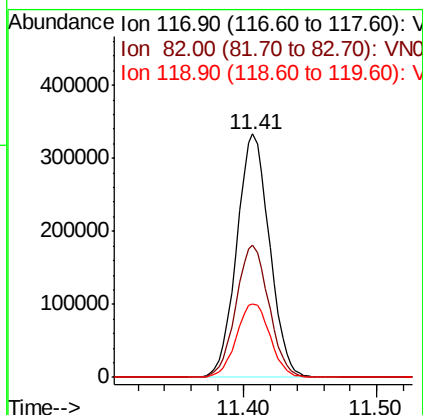
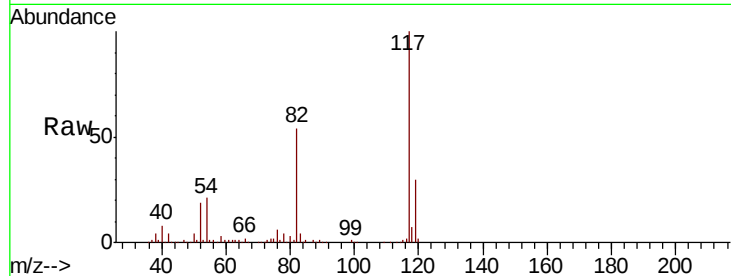




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN052167.D
Acq: 6 Nov 2018 00:21

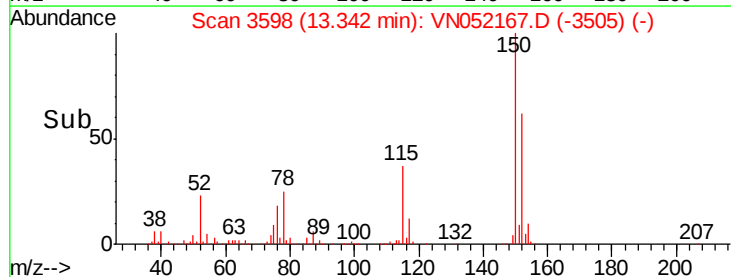
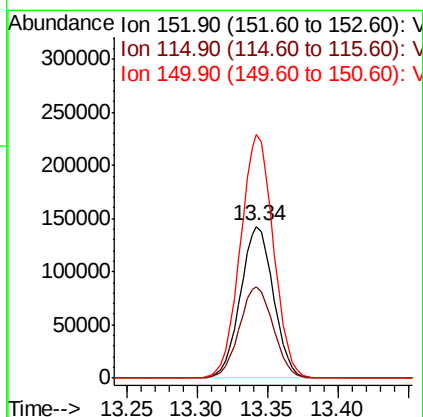
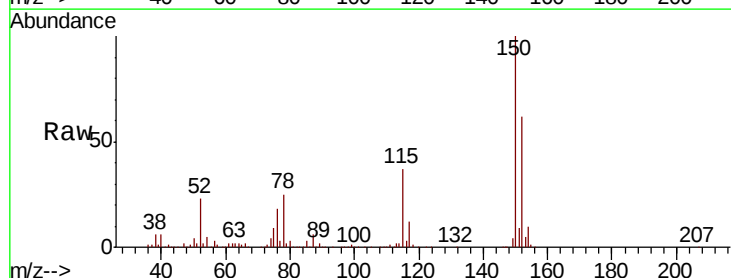
Instrument :
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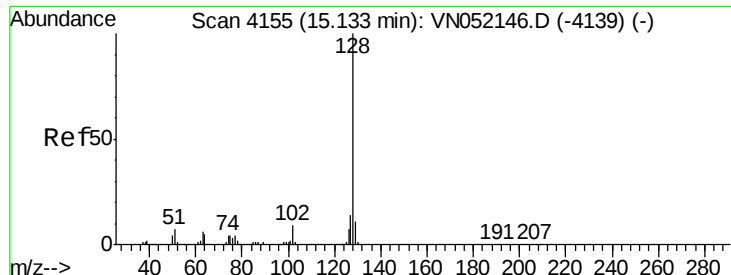
Tot Ion:117 Resp: 571777
Ion Ratio Lower Upper
117 100
82 54.2 41.9 62.9
119 30.3 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN052167.D
Acq: 6 Nov 2018 00:21

Tgt Ion:152 Resp: 233871
Ion Ratio Lower Upper
152 100
115 61.9 28.5 85.5
150 160.5 0.0 348.6





#95

Naphthalene

Concen: 8.514 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. -0.00 min

Lab File: VN052167.D

Acq: 6 Nov 2018 00:21

Instrument :

MSVOA_N

ClientSampleId :

JC-03-110218-F

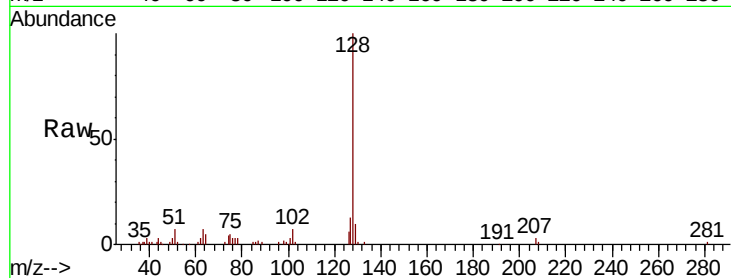
Tot Ion:128 Resp: 60977

Ion Ratio Lower Upper

128 100

127 13.1 10.8 16.2

129 10.0 9.1 13.7



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

