

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071318\
 Data File : VN049817.D
 Acq On : 14 Jul 2018 00:47
 Operator : MD\SY
 Sample : PB111069ZHE#14
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB111069ZHE#14

Quant Time: Jul 14 01:56:53 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 12 15:51:38 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1169331	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1868103	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1549223	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	568990	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	794071	58.38	ug/l	0.00
Spiked Amount			Recovery	=	116.76%	
35) Dibromofluoromethane	7.60	113	725823	51.54	ug/l	0.00
Spiked Amount			Recovery	=	103.08%	
50) Toluene-d8	10.09	98	2530193	52.49	ug/l	0.00
Spiked Amount			Recovery	=	104.98%	
62) 4-Bromofluorobenzene	12.40	95	689182	40.03	ug/l	0.00
Spiked Amount			Recovery	=	80.06%	

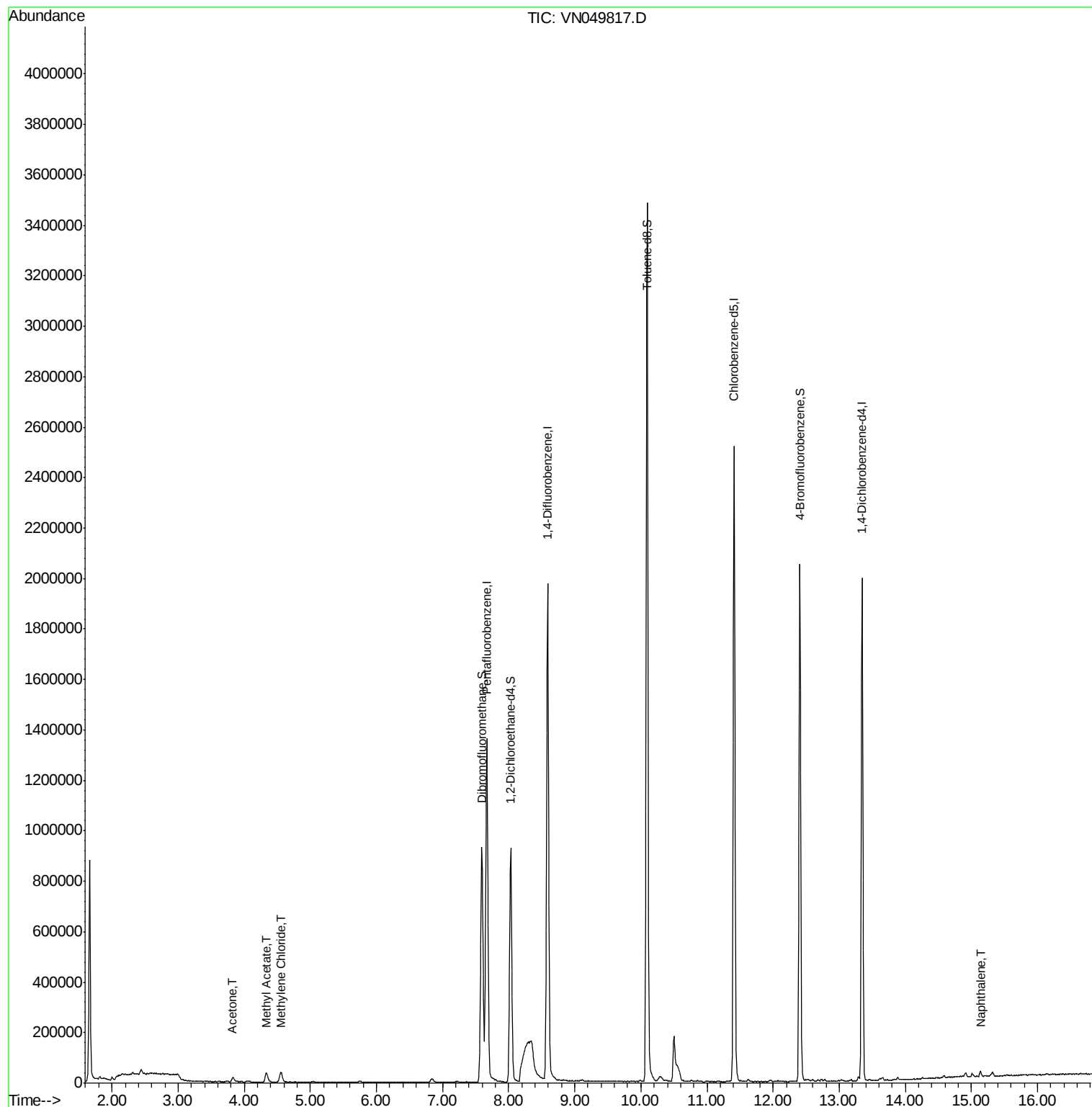
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	29593	6.82	ug/l	96
18) Methyl Acetate	4.33	43	68311	5.35	ug/l	99
20) Methylene Chloride	4.56	84	28966	1.18	ug/l	96
95) Naphthalene	15.14	128	15007	4.57	ug/l	95

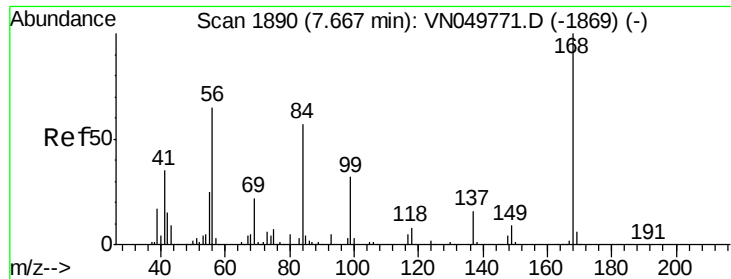
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Jul 12 15:51:38 2018
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN049817.D

Acq: 14 Jul 2018 00:47

Instrument :

MSVOA_N

ClientSampleId :

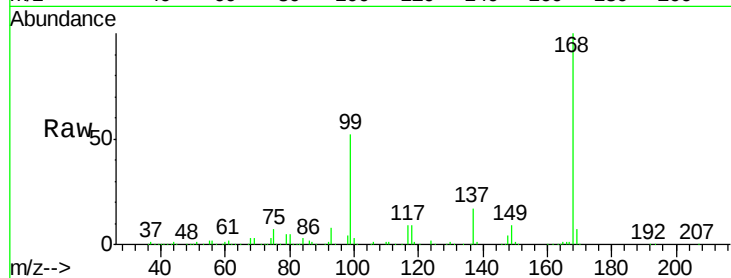
PB111069ZHE#14

Tot Ion:168 Resp: 1169331

Ion Ratio Lower Upper

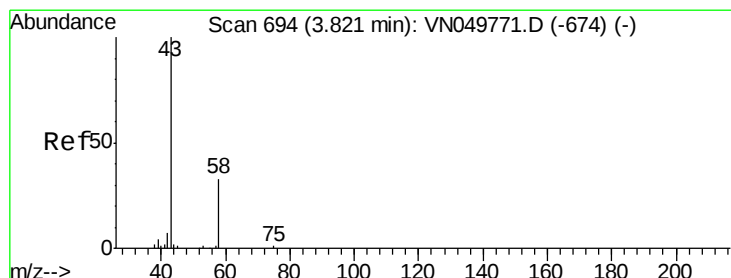
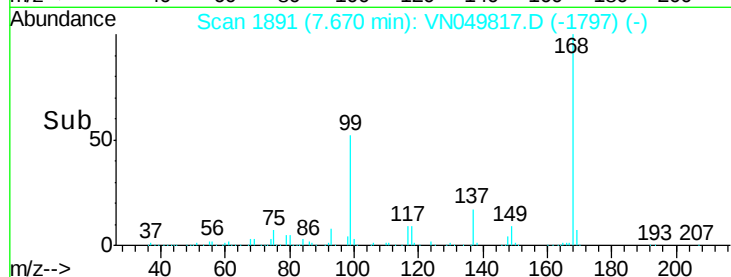
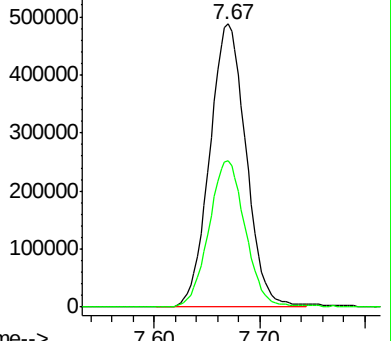
168 100

99 51.8 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 6.82 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.00 min

Lab File: VN049817.D

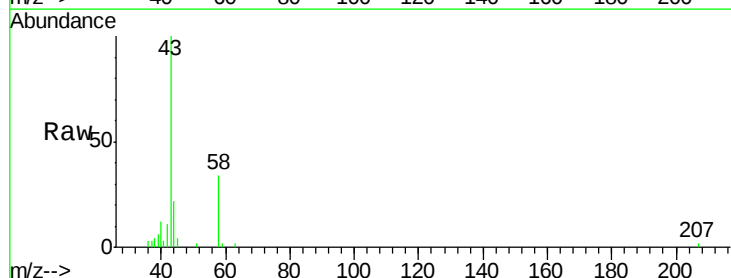
Acq: 14 Jul 2018 00:47

Tgt Ion: 43 Resp: 29593

Ion Ratio Lower Upper

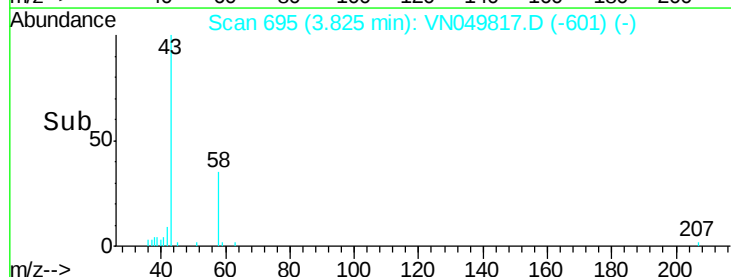
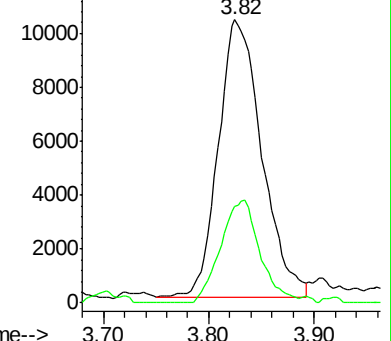
43 100

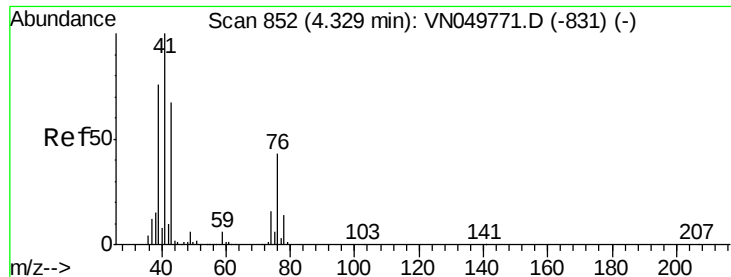
58 34.9 25.9 38.9



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

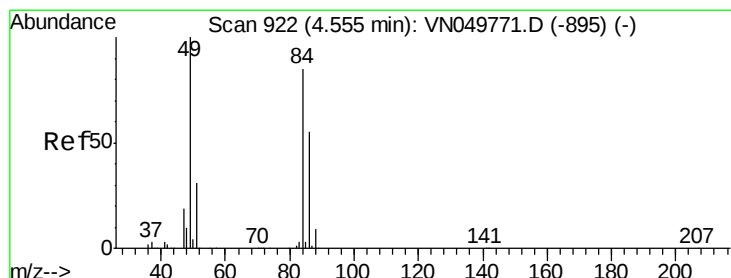
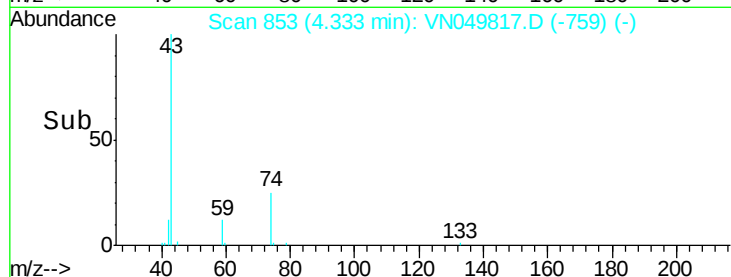
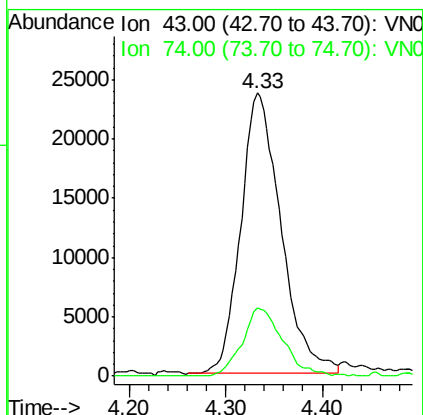
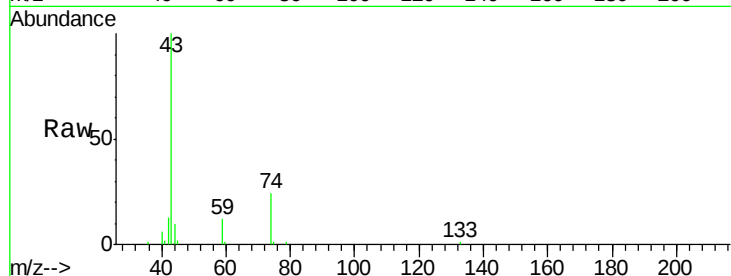




#18
Methvl Acetate
Concen: 5.35 ug/l
RT: 4.33 min Scan# 853
Delta R.T. 0.00 min
Lab File: VN049817.D
Acq: 14 Jul 2018 00:47

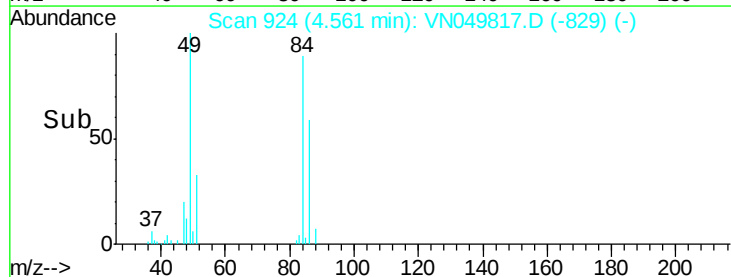
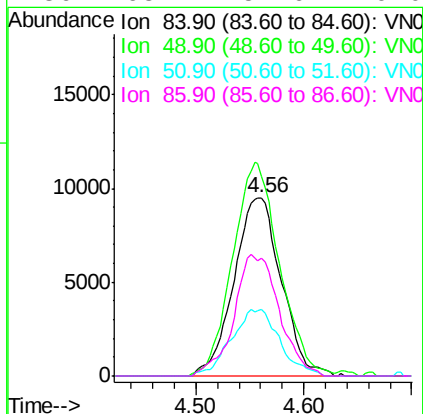
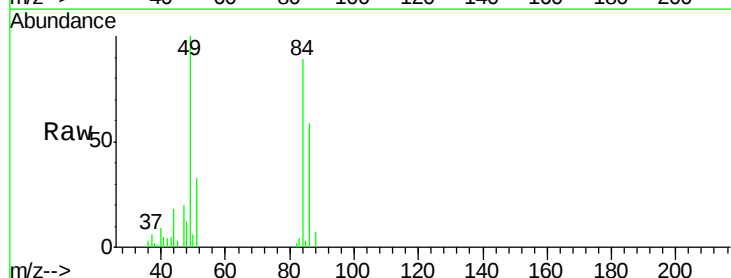
Instrument :
MSVOA_N
ClientSampleId :
PB111069ZHE#14

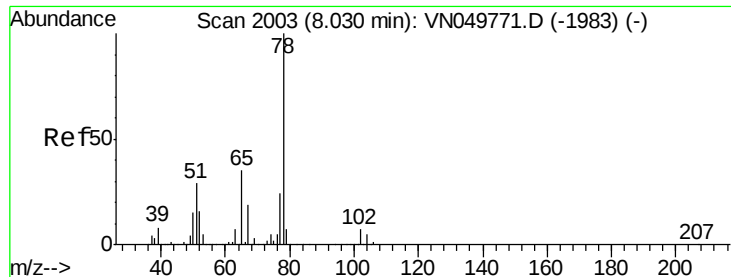
Tot Ion: 43 Resp: 68311
Ion Ratio Lower Upper
43 100
74 24.5 19.8 29.8



#20
Methylene Chloride
Concen: 1.18 ug/l
RT: 4.56 min Scan# 924
Delta R.T. 0.01 min
Lab File: VN049817.D
Acq: 14 Jul 2018 00:47

Tgt Ion: 84 Resp: 28966
Ion Ratio Lower Upper
84 100
49 112.2 95.4 143.2
51 37.3 28.4 42.6
86 65.7 52.6 79.0





#33

1,2-Dichloroethane-d4

Concen: 58.38 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. -0.00 min

Lab File: VN049817.D

Acq: 14 Jul 2018 00:47

Instrument :

MSVOA_N

ClientSampleId :

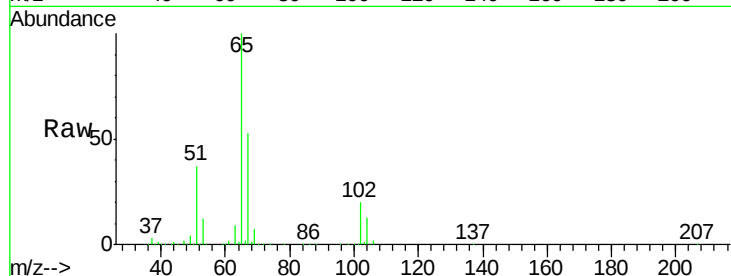
PB111069ZHE#14

Tot Ion: 65 Resp: 794071

Ion Ratio Lower Upper

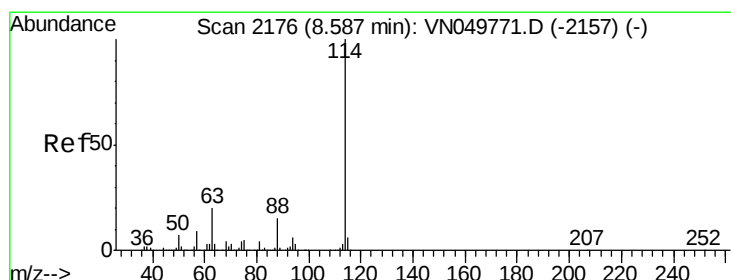
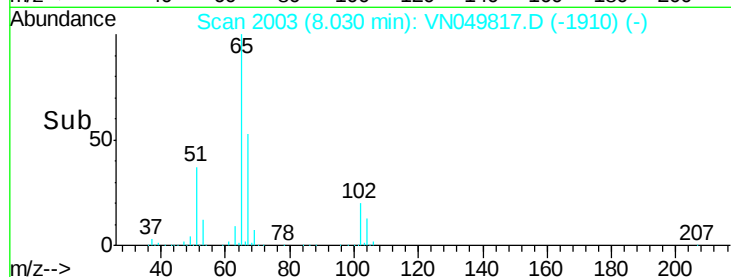
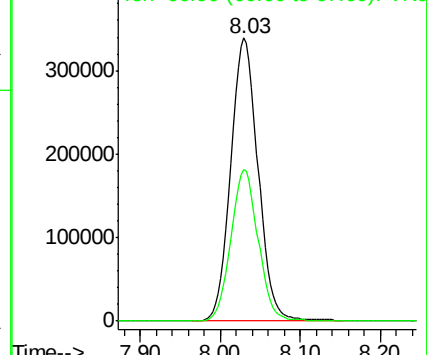
65 100

67 52.9 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VN049817.D (-1910) (-)

Ion 66.90 (66.60 to 67.60): VN049817.D (-1910) (-)



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2177

Delta R.T. 0.00 min

Lab File: VN049817.D

Acq: 14 Jul 2018 00:47

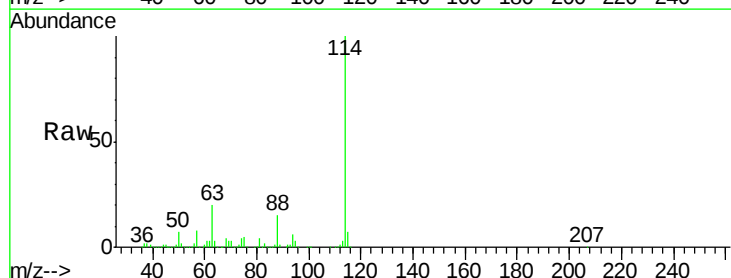
Tgt Ion: 114 Resp: 1868103

Ion Ratio Lower Upper

114 100

63 20.1 0.0 39.8

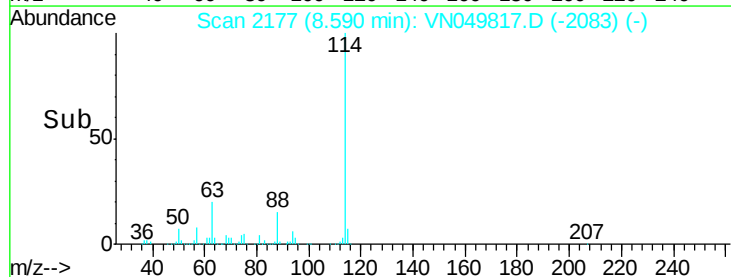
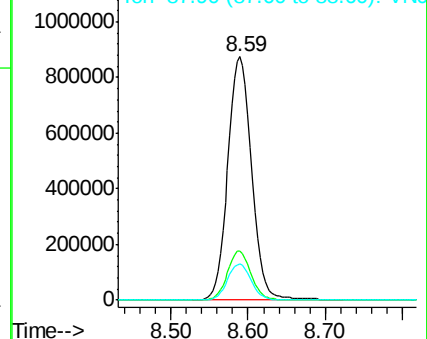
88 14.9 0.0 30.6

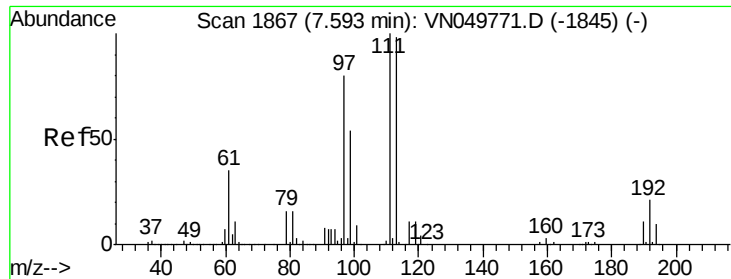


Abundance Ion 113.90 (113.60 to 114.60): VN049817.D (-2083) (-)

Ion 63.00 (62.70 to 63.70): VN049817.D (-2083) (-)

Ion 87.90 (87.60 to 88.60): VN049817.D (-2083) (-)

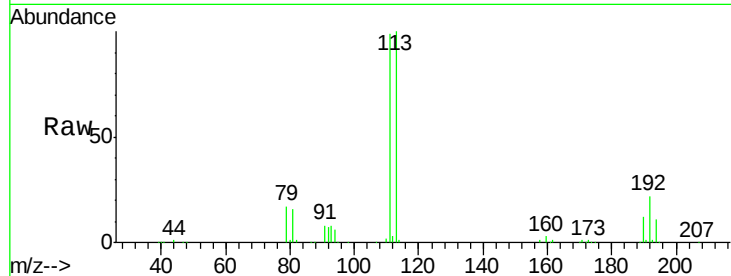




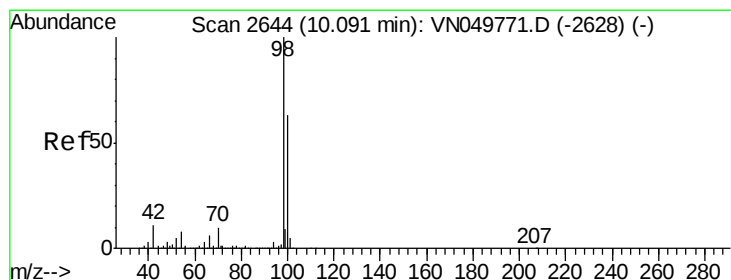
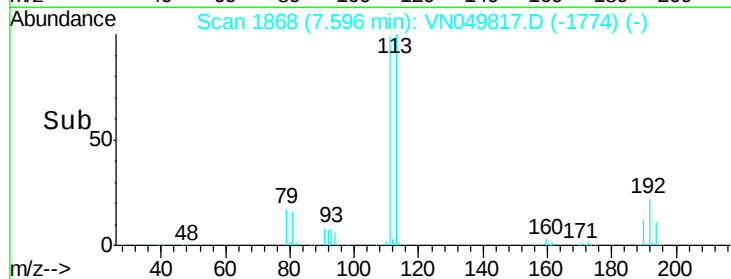
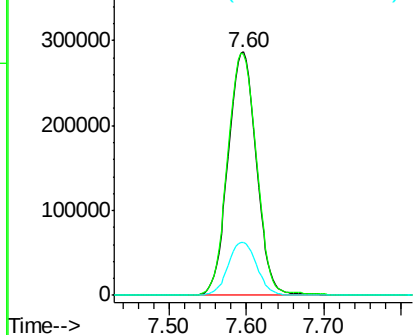
#35
 Dibromofluoromethane
 Concen: 51.54 ug/l
 RT: 7.60 min Scan# 1868
 Delta R.T. 0.00 min
 Lab File: VN049817.D
 Acq: 14 Jul 2018 00:47

Instrument :
 MSVOA_N
 ClientSampleId :
 PB111069ZHE#14

Tot Ion:113 Resp: 725823
 Ion Ratio Lower Upper
 113 100
 111 101.9 81.8 122.8
 192 22.1 17.8 26.6

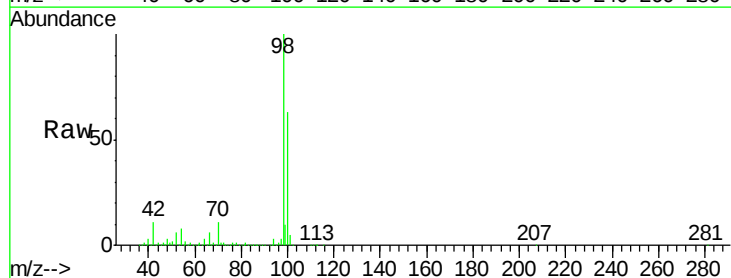


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

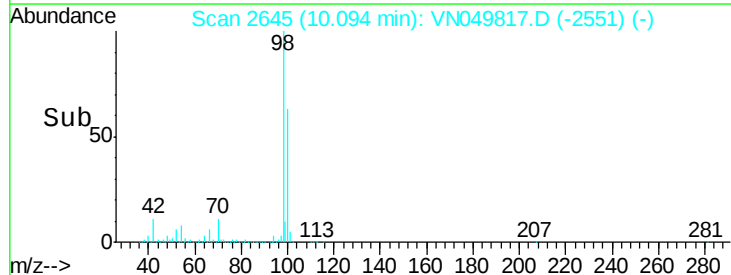
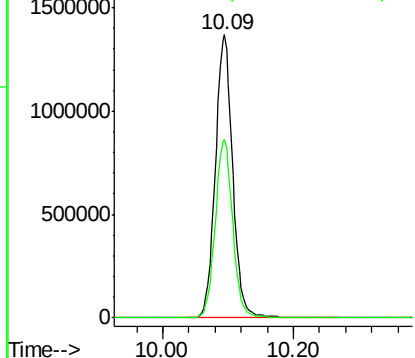


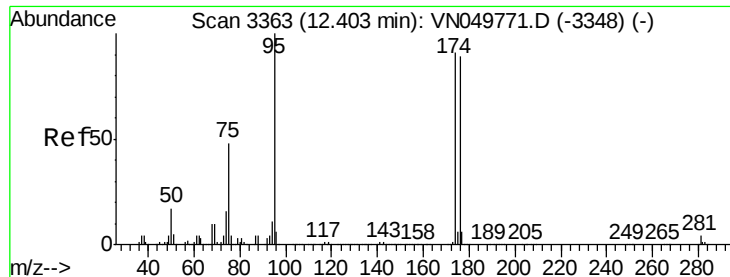
#50
 Toluene-d8
 Concen: 52.49 ug/l
 RT: 10.09 min Scan# 2645
 Delta R.T. 0.00 min
 Lab File: VN049817.D
 Acq: 14 Jul 2018 00:47

Tgt Ion: 98 Resp: 2530193
 Ion Ratio Lower Upper
 98 100
 100 63.6 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN
 Ion 100.00 (99.70 to 100.70): VN





#62

4-Bromofluorobenzene

Concen: 40.03 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.00 min

Lab File: VN049817.D

Acq: 14 Jul 2018 00:47

Instrument :

MSVOA_N

ClientSampleId :

PB111069ZHE#14

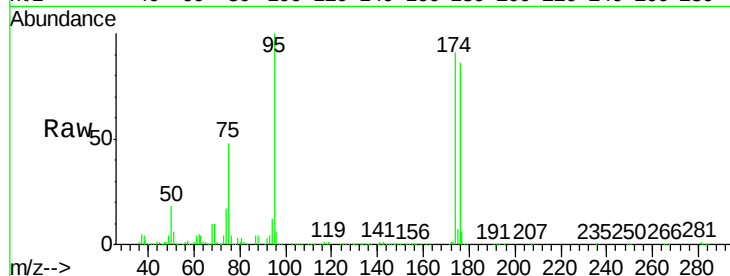
Tot Ion: 95 Resp: 689182

Ion Ratio Lower Upper

95 100

174 90.8 0.0 179.6

176 87.6 0.0 174.0



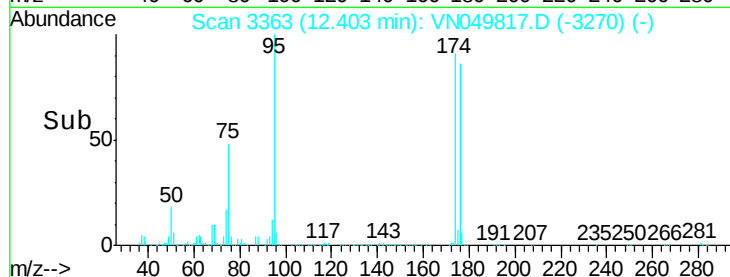
Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN0

Ion 175.80 (175.50 to 176.50): VN0

Time--> 12.30 12.40 12.50

Time--> 12.30 12.40 12.50



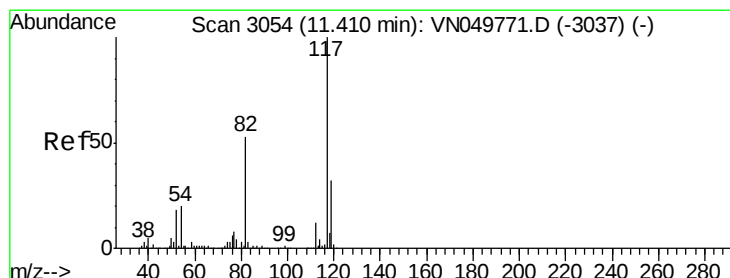
Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN0

Ion 175.80 (175.50 to 176.50): VN0

Time--> 12.30 12.40 12.50

Time--> 12.30 12.40 12.50



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. -0.00 min

Lab File: VN049817.D

Acq: 14 Jul 2018 00:47

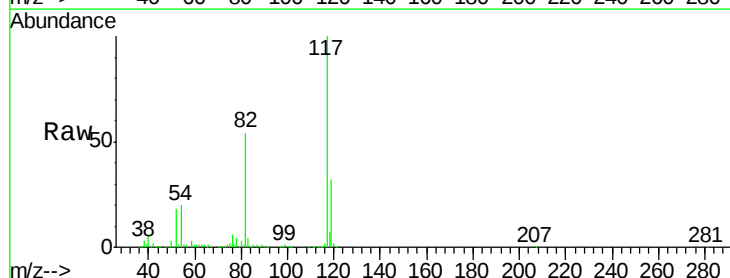
Tgt Ion: 117 Resp: 1549223

Ion Ratio Lower Upper

117 100

82 53.8 41.9 62.9

119 32.3 25.4 38.2



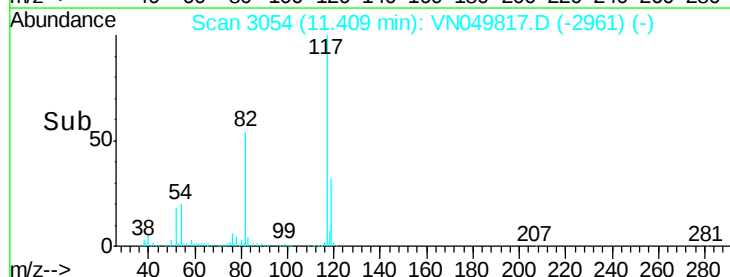
Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0

Time--> 11.30 11.40 11.50

Time--> 11.30 11.40 11.50



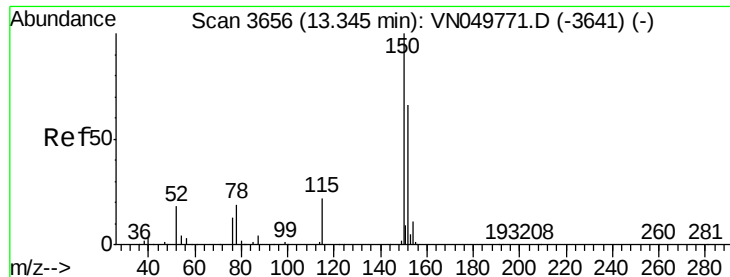
Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0

Time--> 11.30 11.40 11.50

Time--> 11.30 11.40 11.50



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. -0.00 min

Lab File: VN049817.D

Acq: 14 Jul 2018 00:47

Instrument :

MSVOA_N

ClientSampleId :

PB111069ZHE#14

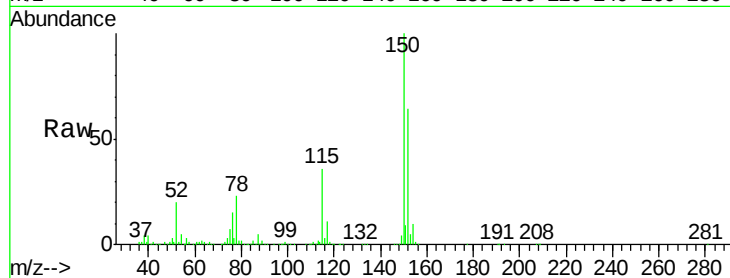
Tot Ion:152 Resp: 568990

Ion Ratio Lower Upper

152 100

115 55.9 28.1 84.2

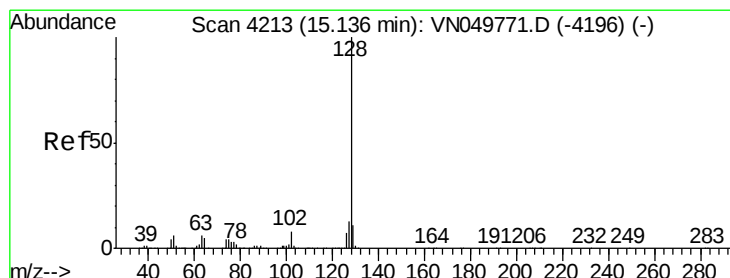
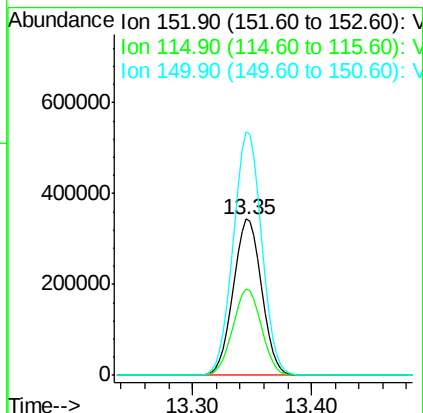
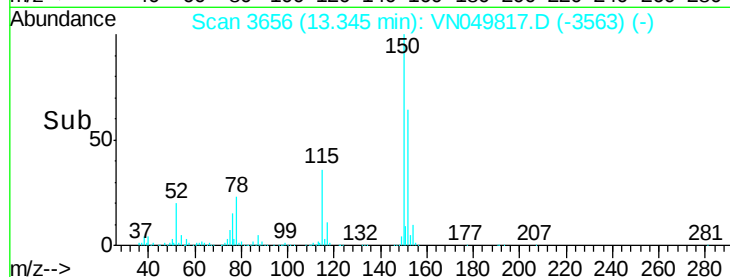
150 155.9 0.0 347.6



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: 4.57 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN049817.D

Acq: 14 Jul 2018 00:47

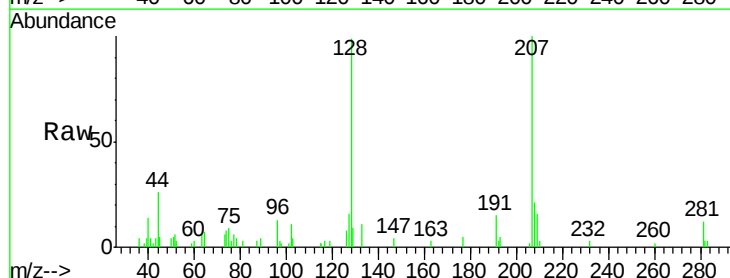
Tgt Ion:128 Resp: 15007

Ion Ratio Lower Upper

128 100

127 15.2 10.4 15.6

129 8.9 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

