

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN011619\
 Data File : VN053417.D
 Acq On : 16 Jan 2019 11:41
 Operator : JC/SP
 Sample : PB116405TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 PB116405TB

Quant Time: Jan 17 04:10:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011519W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 16 03:10:53 2019
 Response via : Initial Calibration

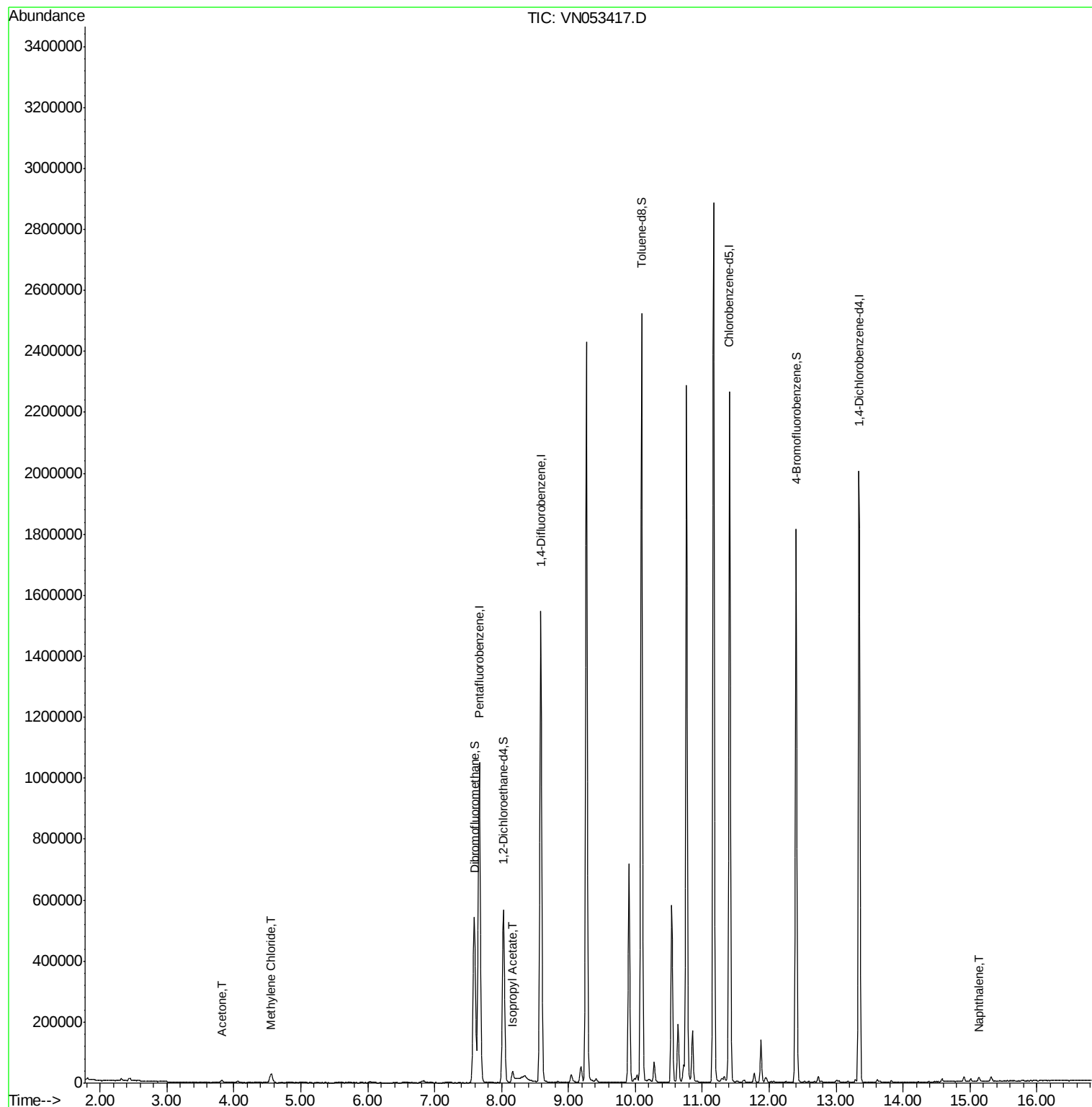
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	931517	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1444049	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1367943	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	577258	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	466590	50.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.36%	
35) Dibromofluoromethane	7.59	113	421160	51.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.20%	
50) Toluene-d8	10.09	98	1825247	52.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.74%	
62) 4-Bromofluorobenzene	12.40	95	625296	51.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.32%	
Target Compounds						
16) Acetone	3.82	43	12433	5.756	ug/l	97
20) Methylene Chloride	4.56	84	21340	2.164	ug/l	95
43) Isopropyl Acetate	8.17	43	50702	3.727	ug/l #	83
95) Naphthalene	15.13	128	13207	4.811	ug/l	96

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

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Quant Title : SW846 8260
QLast Update : Wed Jan 16 03:10:53 2019
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: VN053417.D

Acq: 16 Jan 2019 11:41

Instrument :

MSVOA_N

ClientSampleId :

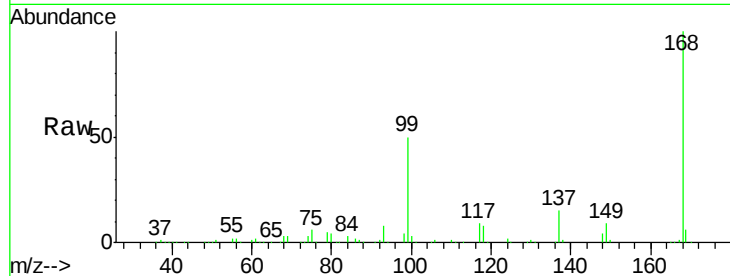
PB116405TB

Tot Ion:168 Resp: 931517

Ion Ratio Lower Upper

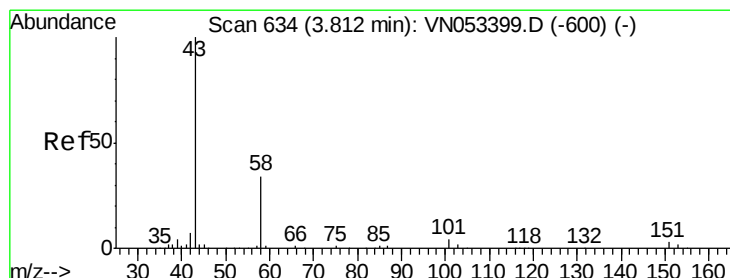
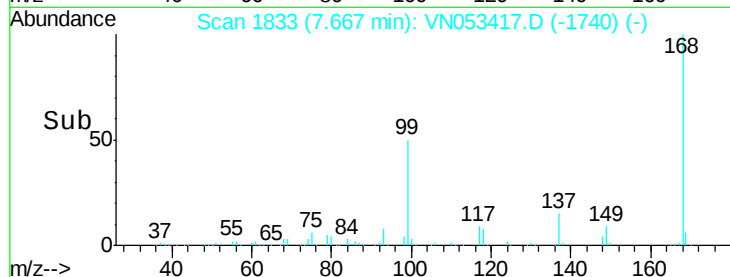
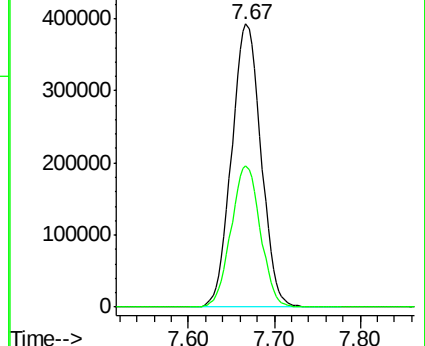
168 100

99 49.8 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 5.756 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.01 min

Lab File: VN053417.D

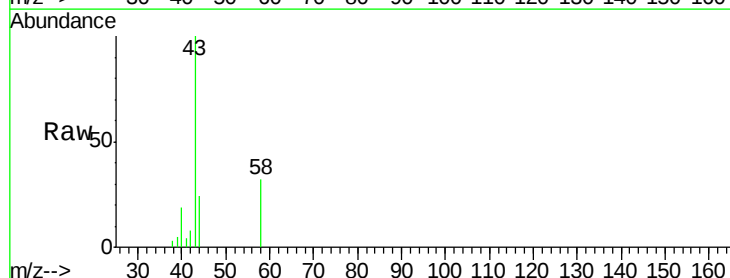
Acq: 16 Jan 2019 11:41

Tgt Ion: 43 Resp: 12433

Ion Ratio Lower Upper

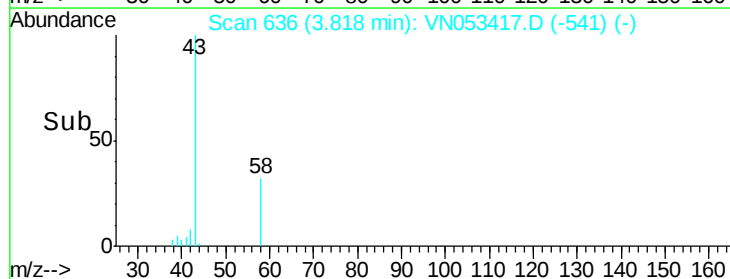
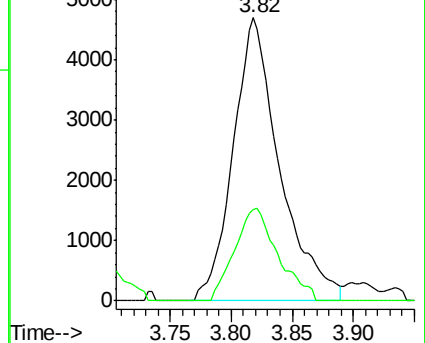
43 100

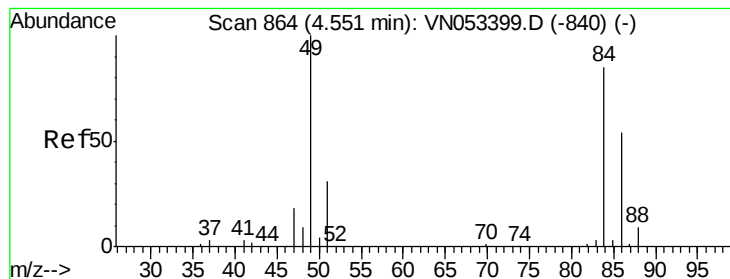
58 32.3 27.1 40.7



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO





#20

Methylene Chloride

Concen: 2.164 ug/l

RT: 4.56 min Scan# 866

Delta R.T. 0.01 min

Lab File: VN053417.D

Acq: 16 Jan 2019 11:41

Instrument :

MSVOA_N

ClientSampled :

PB116405TB

Tot Ion: 84 Resp: 21340

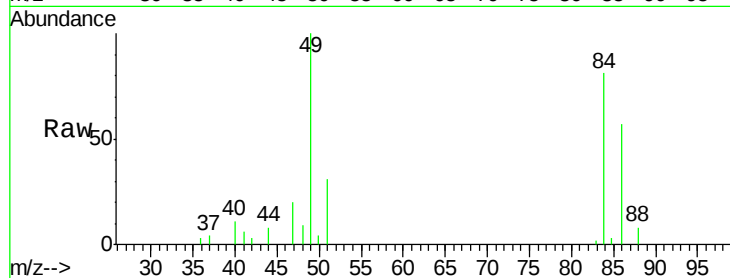
Ion Ratio Lower Upper

84 100

49 123.4 94.3 141.5

51 37.8 29.4 44.2

86 69.7 51.4 77.0

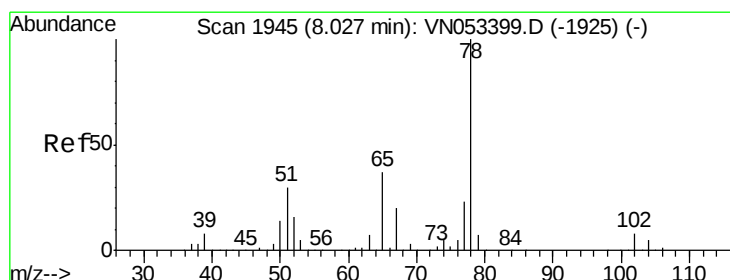
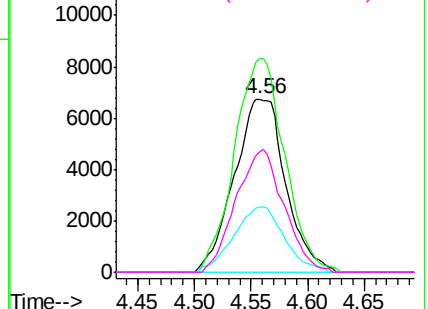
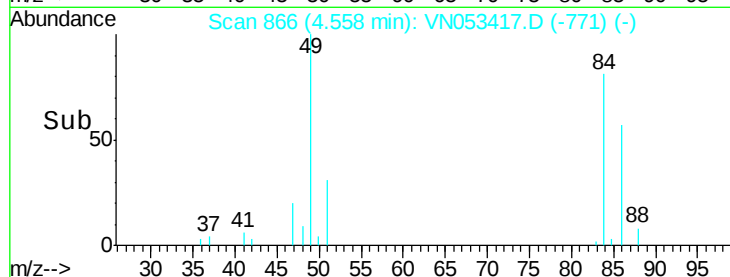


Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN053417.D

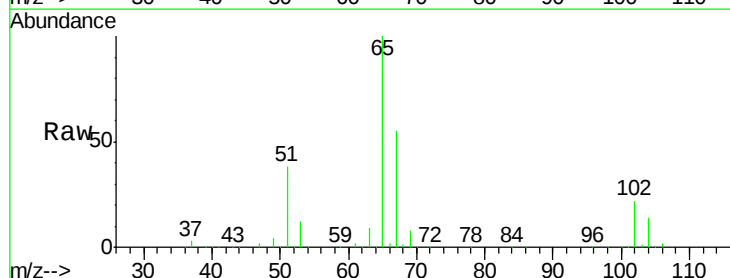
Acq: 16 Jan 2019 11:41

Tgt Ion: 65 Resp: 466590

Ion Ratio Lower Upper

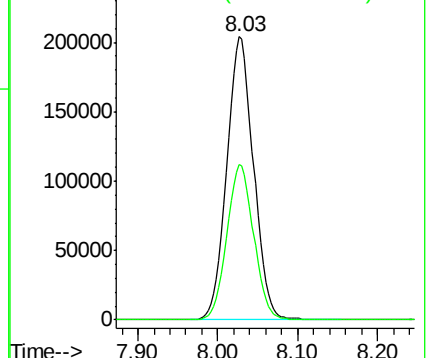
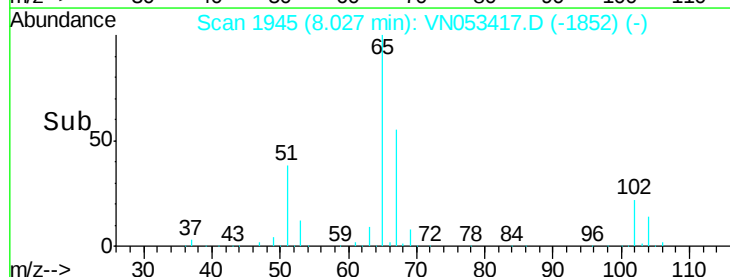
65 100

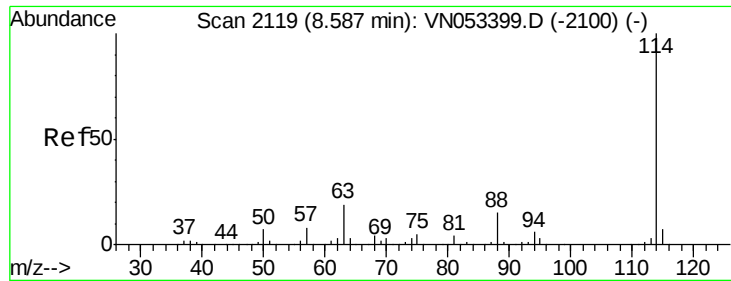
67 54.8 0.0 111.2



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

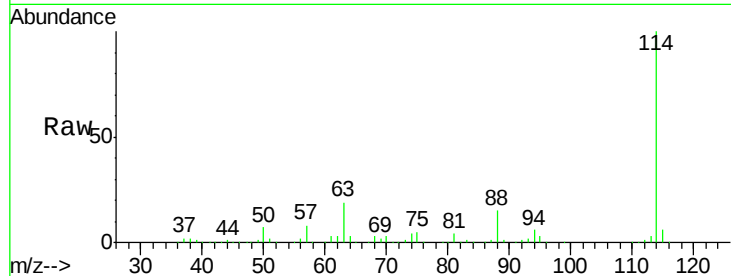




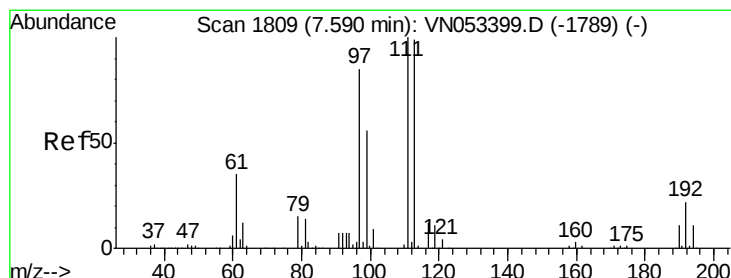
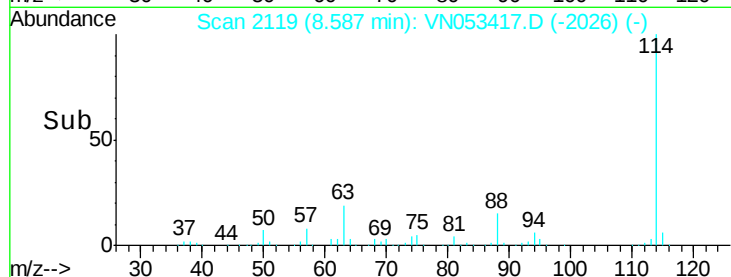
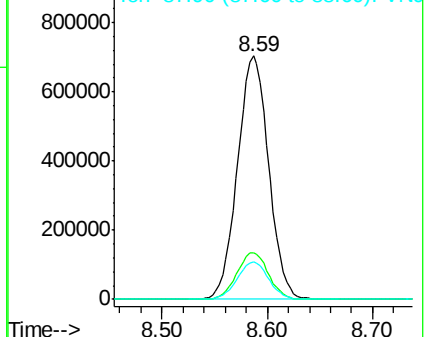
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN053417.D
Acq: 16 Jan 2019 11:41

Instrument :
MSVOA_N
ClientSampleId :
PB116405TB

Tot Ion:114 Resp: 1444049
Ion Ratio Lower Upper
114 100
63 19.3 0.0 38.6
88 15.4 0.0 30.4

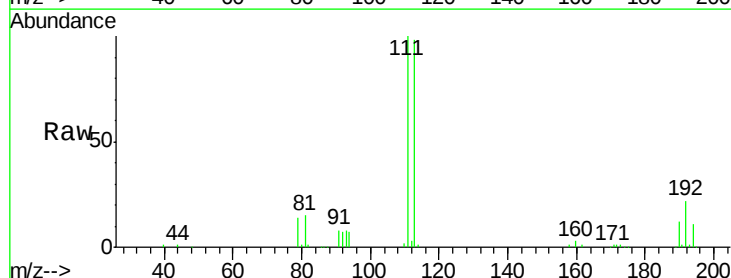


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): V
Ion 87.90 (87.60 to 88.60): V

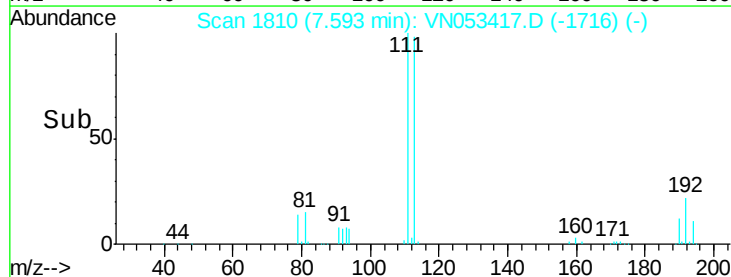
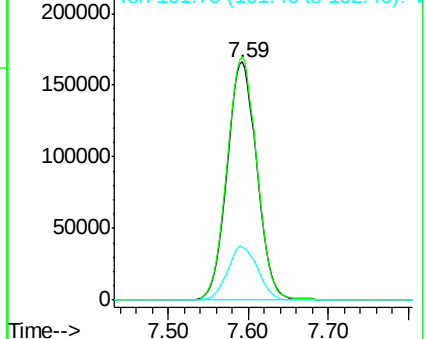


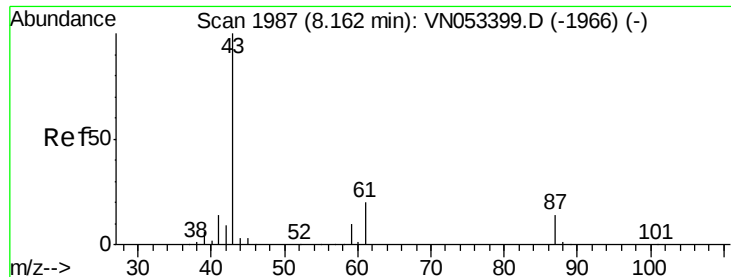
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN053417.D
Acq: 16 Jan 2019 11:41

Tgt Ion:113 Resp: 421160
Ion Ratio Lower Upper
113 100
111 102.2 81.1 121.7
192 22.7 18.2 27.2



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: 3.727 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN053417.D

Acq: 16 Jan 2019 11:41

Instrument :

MSVOA_N

ClientSampleId :

PB116405TB

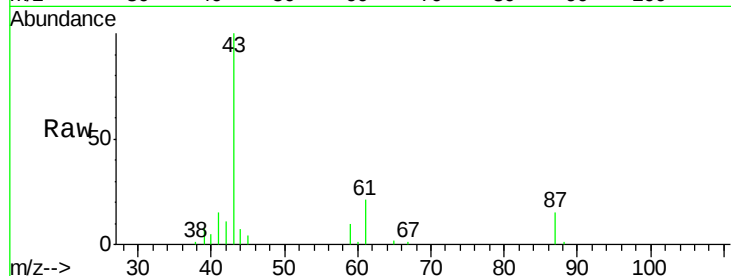
Tot Ion: 43 Resp: 50702

Ion Ratio Lower Upper

43 100

61 17.8 23.9 35.9#

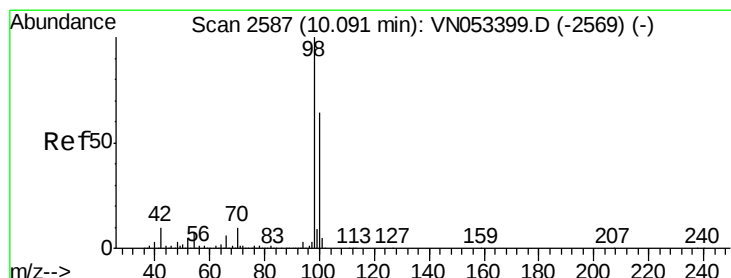
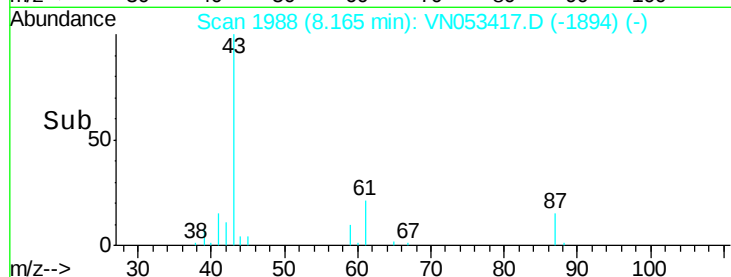
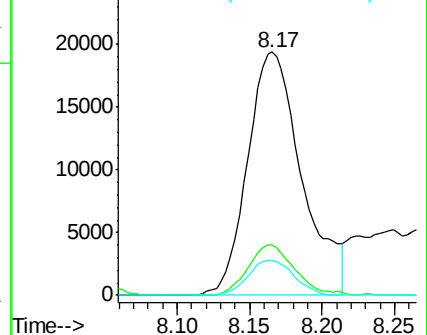
87 12.1 11.0 16.6



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: VN053417.D

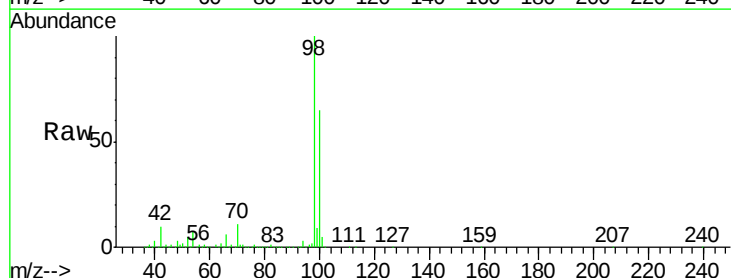
Acq: 16 Jan 2019 11:41

Tgt Ion: 98 Resp: 1825247

Ion Ratio Lower Upper

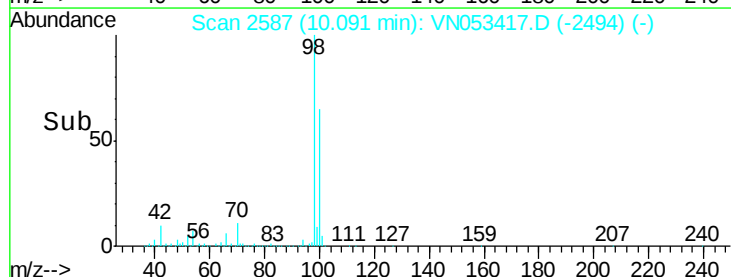
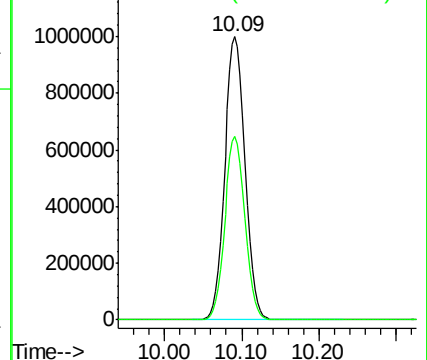
98 100

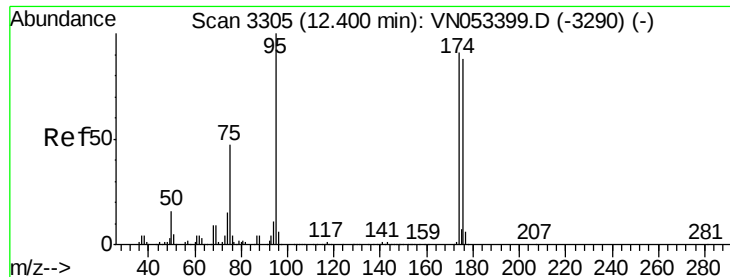
100 64.3 51.4 77.0



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# 3306

Delta R.T. 0.00 min

Lab File: VN053417.D

Acq: 16 Jan 2019 11:41

Instrument :

MSVOA_N

ClientSampleId :

PB116405TB

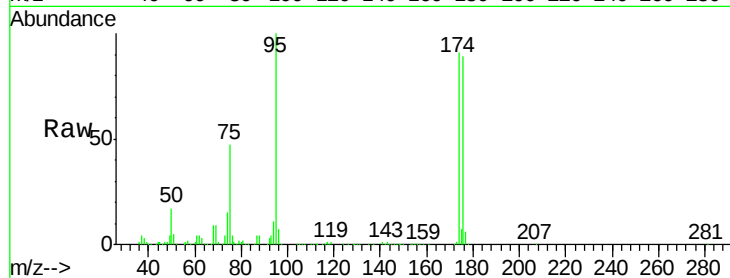
Tot Ion: 95 Resp: 625296

Ion Ratio Lower Upper

95 100

174 90.5 0.0 183.2

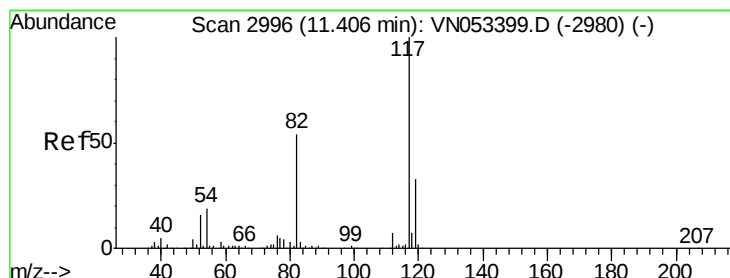
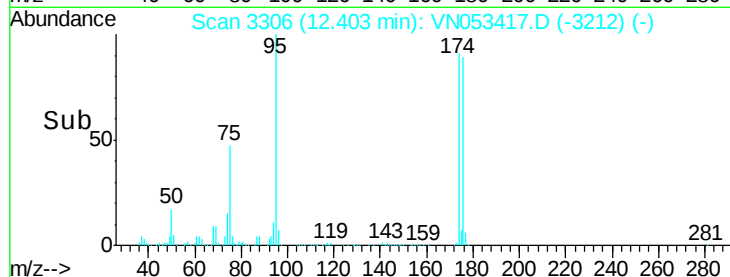
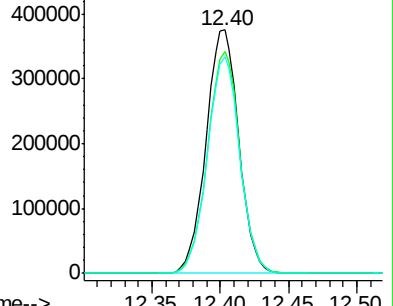
176 87.9 0.0 177.4



Abundance Ion 94.90 (94.60 to 95.60): VN053399.D (-3290) (-)

Ion 173.80 (173.50 to 174.50): VN053399.D (-3290) (-)

Ion 175.80 (175.50 to 176.50): VN053399.D (-3290) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN053417.D

Acq: 16 Jan 2019 11:41

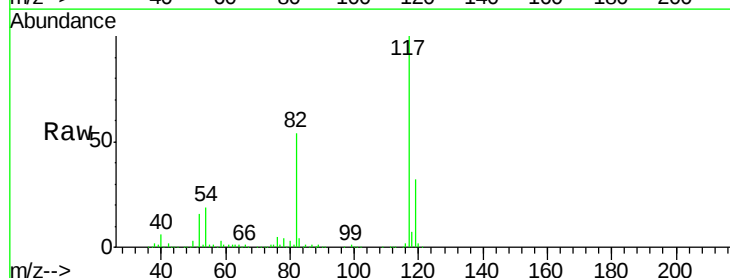
Tgt Ion: 117 Resp: 1367943

Ion Ratio Lower Upper

117 100

82 53.5 42.9 64.3

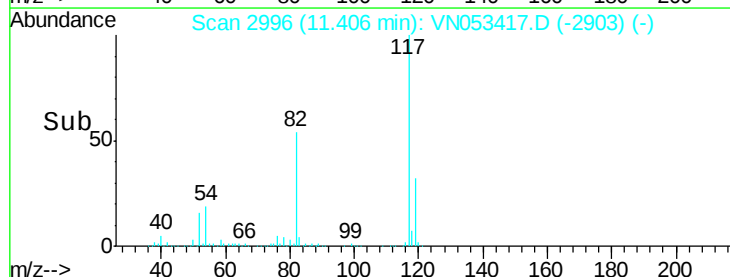
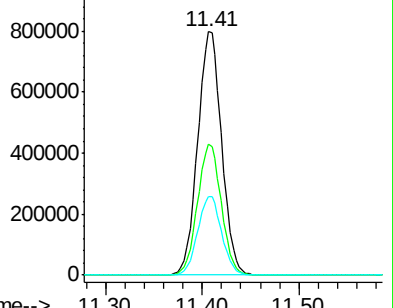
119 32.3 26.0 39.0

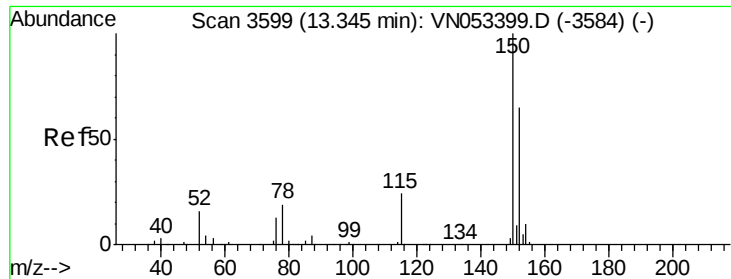


Abundance Ion 116.90 (116.60 to 117.60): VN053399.D (-2980) (-)

Ion 82.00 (81.70 to 82.70): VN053399.D (-2980) (-)

Ion 118.90 (118.60 to 119.60): VN053399.D (-2980) (-)



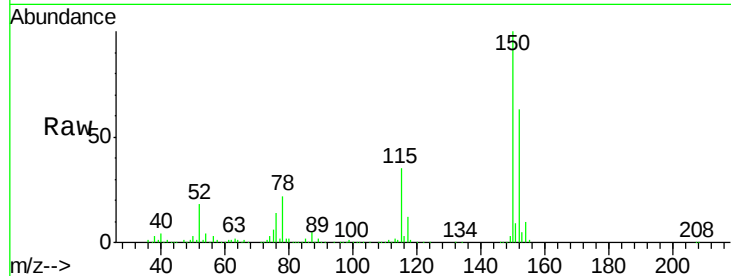


#72

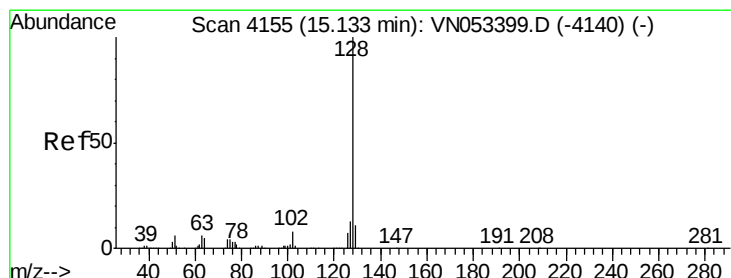
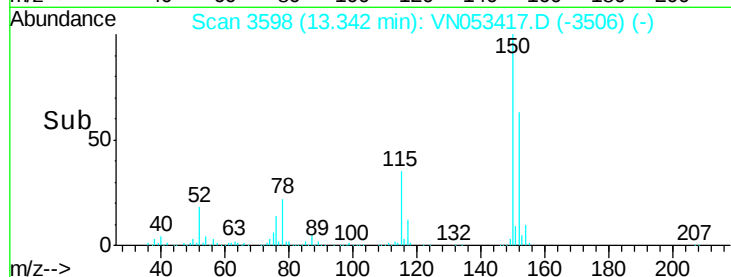
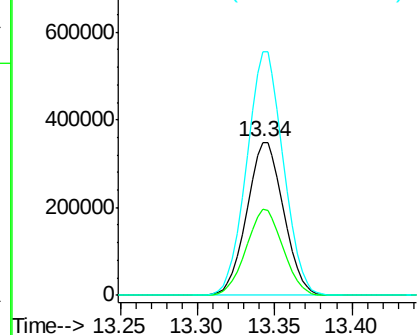
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN053417.D
Acq: 16 Jan 2019 11:41

Instrument :
MSVOA_N
ClientSampleId :
PB116405TB

Tot Ion:152 Resp: 577258
Ion Ratio Lower Upper
152 100
115 56.1 27.8 83.4
150 158.5 0.0 349.0



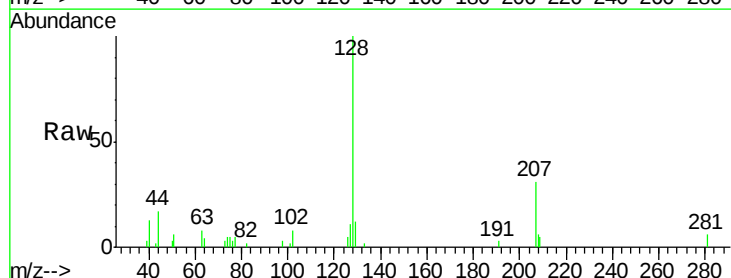
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



#95

Naphthalene
Concen: 4.811 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN053417.D
Acq: 16 Jan 2019 11:41

Tgt Ion:128 Resp: 13207
Ion Ratio Lower Upper
128 100
127 10.4 10.3 15.5
129 11.3 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

