

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060519\
 Data File : VN055999.D
 Acq On : 5 Jun 2019 10:46
 Operator : JC/SP
 Sample : PB120320TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB120320TB

Quant Time: Jun 06 01:35:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N060419W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 11:02:09 2019
 Response via : Initial Calibration

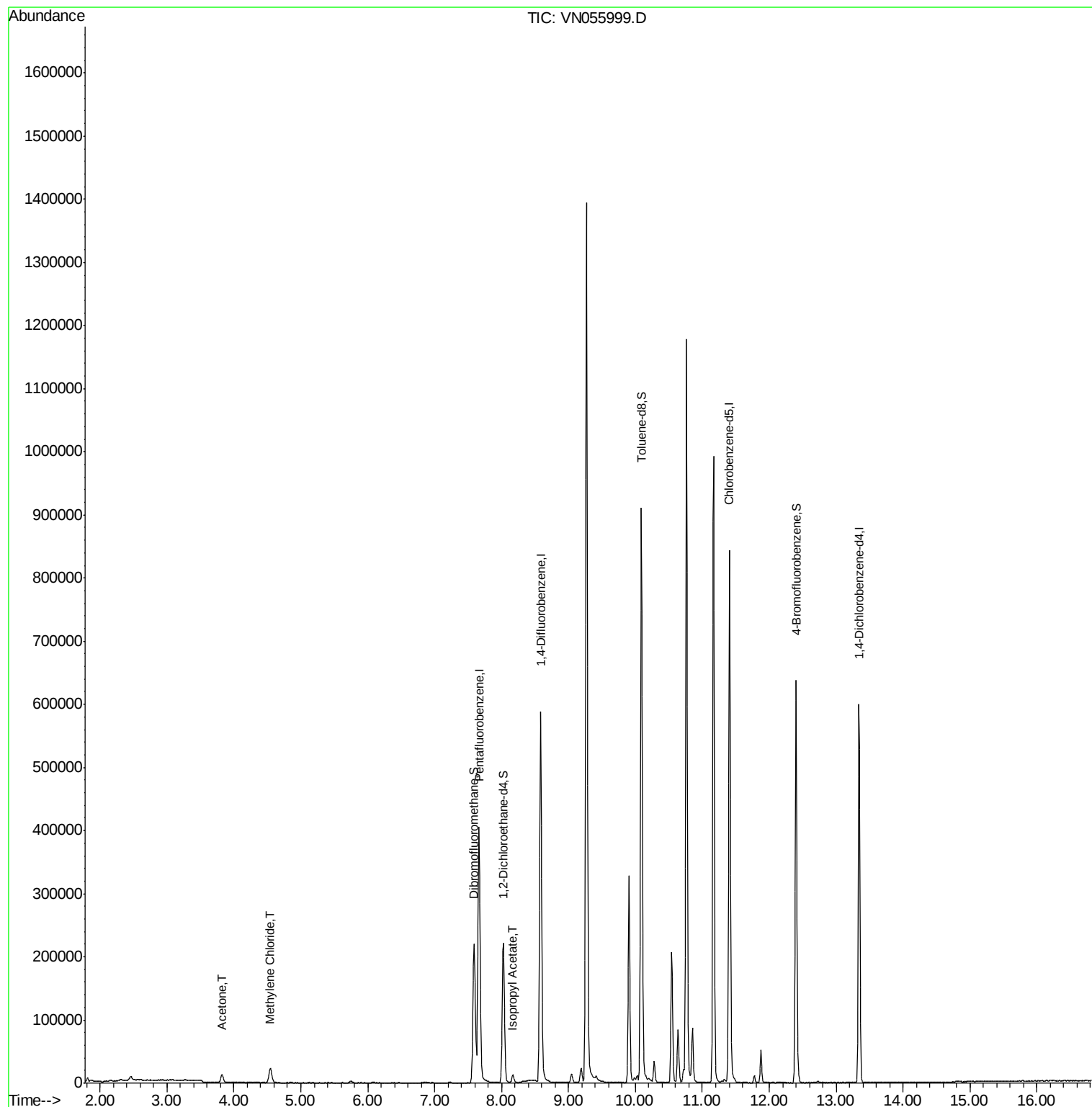
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	390035	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	594372	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	556063	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	182017	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	189198	48.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.70%	
35) Dibromofluoromethane	7.59	113	170044	46.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.26%	
50) Toluene-d8	10.09	98	706967	50.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.76%	
62) 4-Bromofluorobenzene	12.40	95	229469	48.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.18%	
Target Compounds						
16) Acetone	3.82	43	22862	12.343	ug/l	100
20) Methylene Chloride	4.54	84	19041	4.990	ug/l	94
43) Isopropyl Acetate	8.17	43	15636	2.122	ug/l #	90

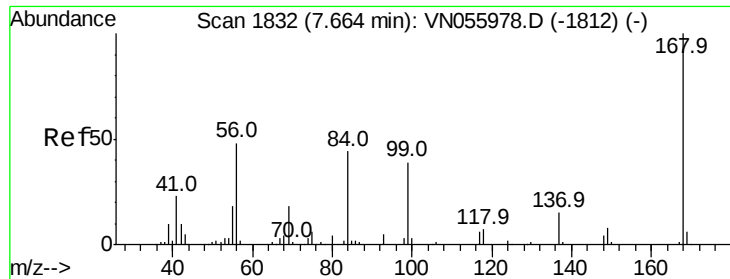
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN055999.D

Acq: 5 Jun 2019 10:46

Instrument :

MSVOA_N

ClientSampleId :

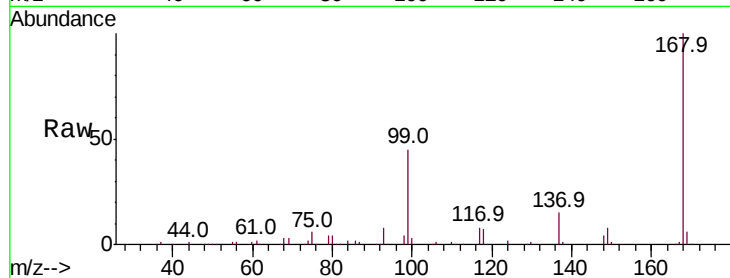
PB120320TB

Tot Ion:168 Resp: 390035

Ion Ratio Lower Upper

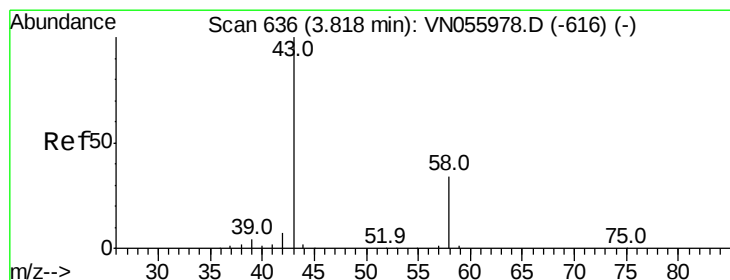
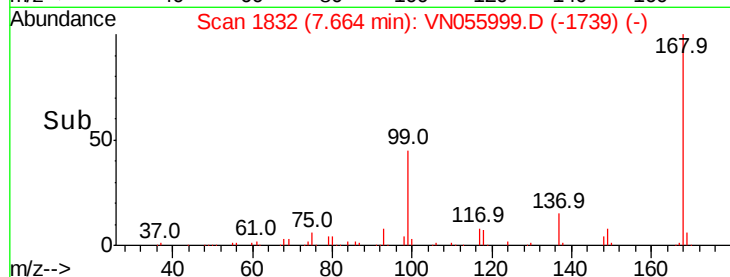
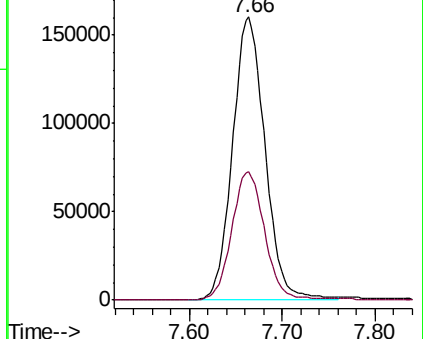
168 100

99 45.2 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 12.343 ug/l

RT: 3.82 min Scan# 636

Delta R.T. -0.00 min

Lab File: VN055999.D

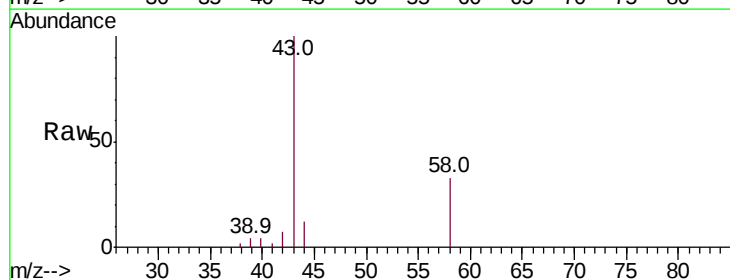
Acq: 5 Jun 2019 10:46

Tgt Ion: 43 Resp: 22862

Ion Ratio Lower Upper

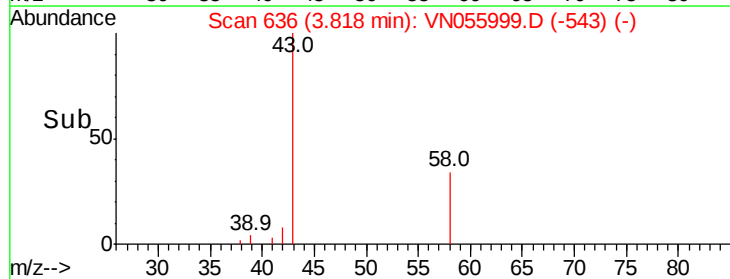
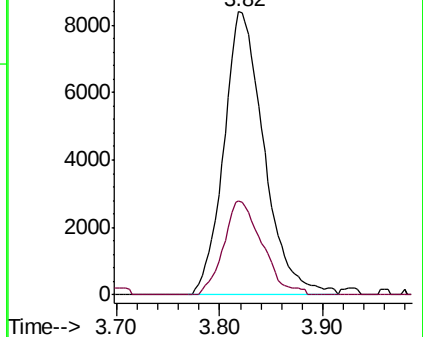
43 100

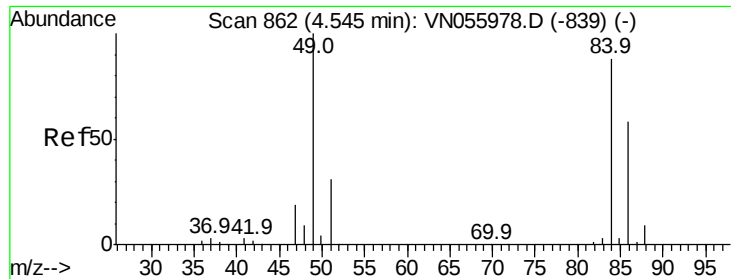
58 33.3 26.6 39.8



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

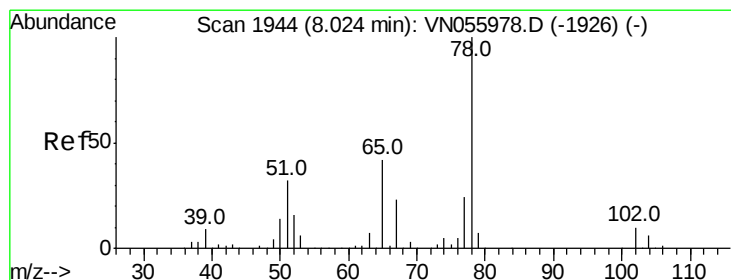
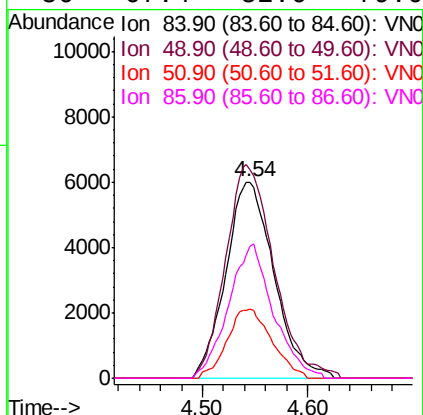
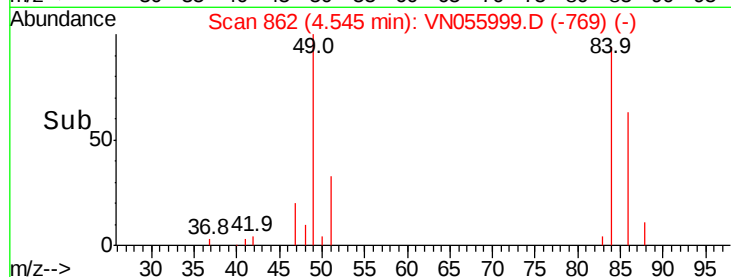
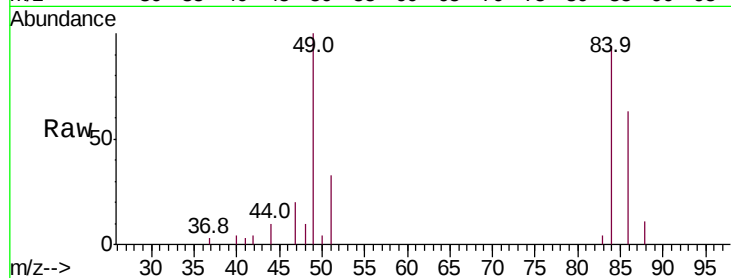




#20
Methvlene Chloride
Concen: 4.990 ug/l
RT: 4.54 min Scan# 862
Delta R.T. -0.00 min
Lab File: VN055999.D
Acq: 5 Jun 2019 10:46

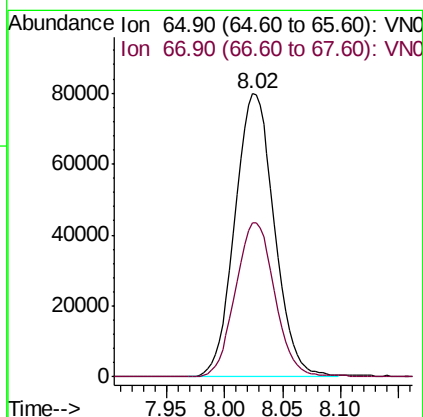
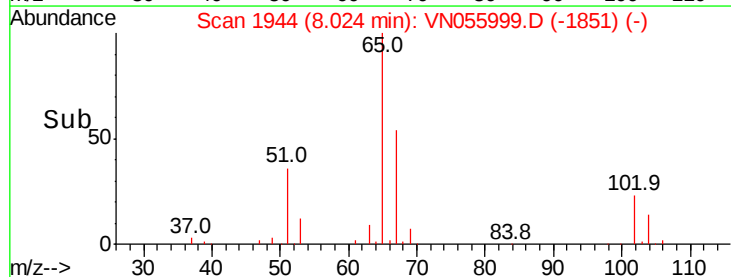
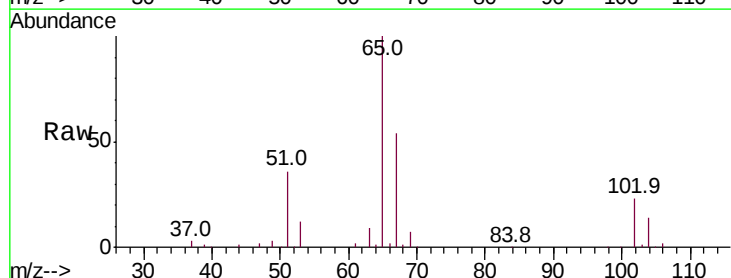
Instrument :
MSVOA_N
ClientSampleId :
PB120320TB

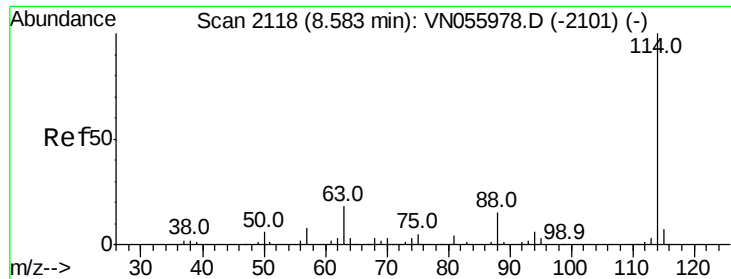
Tot Ion: 84 Resp: 19041
Ion Ratio Lower Upper
84 100
49 106.2 93.5 140.3
51 35.4 28.6 43.0
86 67.4 52.6 79.0



#33
1,2-Dichloroethane-d4
Concen: 48.854 ug/l
RT: 8.02 min Scan# 1944
Delta R.T. -0.00 min
Lab File: VN055999.D
Acq: 5 Jun 2019 10:46

Tgt Ion: 65 Resp: 189198
Ion Ratio Lower Upper
65 100
67 54.2 0.0 109.2

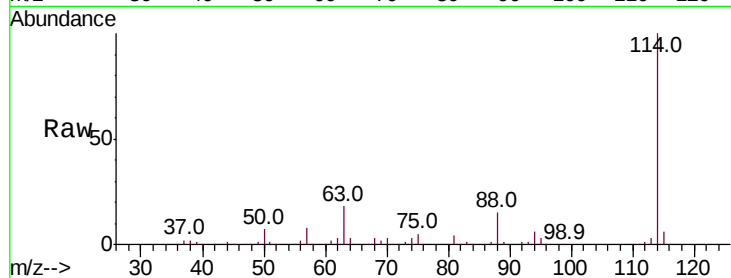




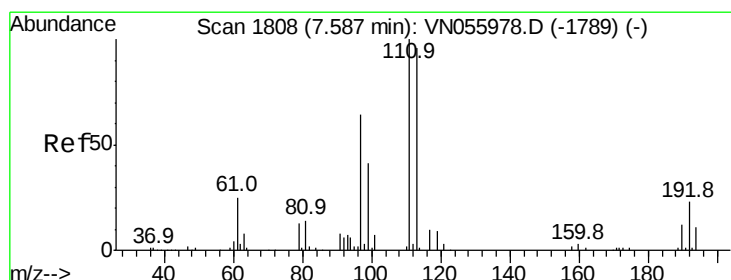
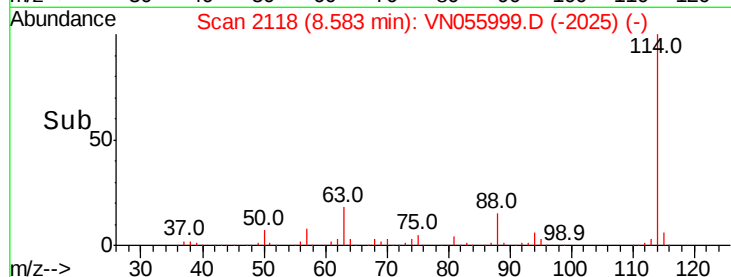
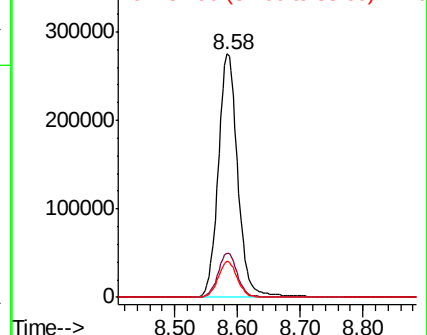
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN055999.D
 Acq: 5 Jun 2019 10:46

Instrument :
 MSVOA_N
 ClientSampleId :
 PB120320TB

Tot Ion:114 Resp: 594372
 Ion Ratio Lower Upper
 114 100
 63 18.1 0.0 39.2
 88 14.7 0.0 31.0

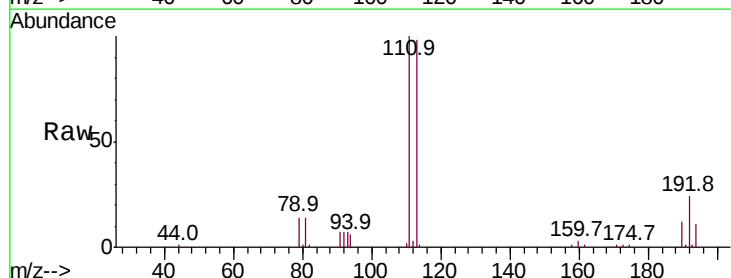


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

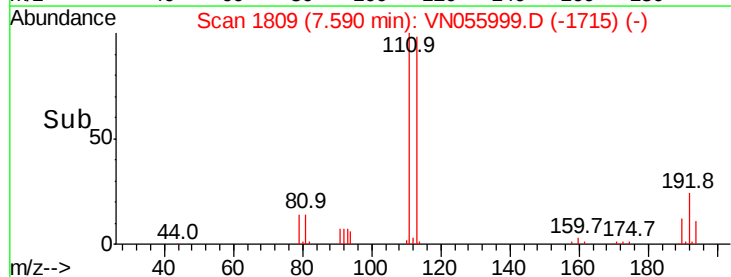
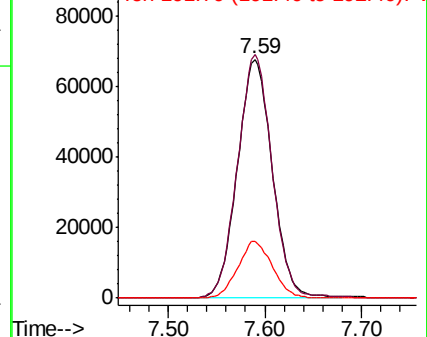


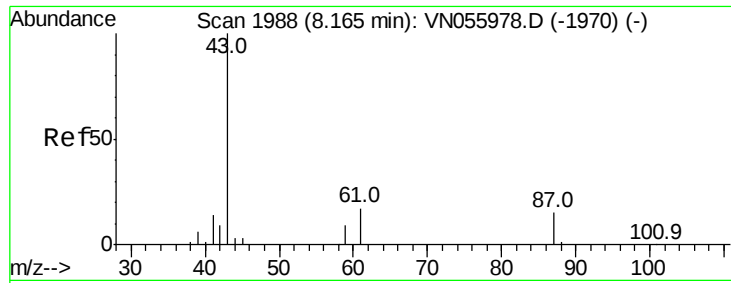
#35
 Dibromofluoromethane
 Concen: 46.630 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN055999.D
 Acq: 5 Jun 2019 10:46

Tgt Ion:113 Resp: 170044
 Ion Ratio Lower Upper
 113 100
 111 101.2 81.9 122.9
 192 23.7 19.5 29.3



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: 2.122 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN055999.D

Acq: 5 Jun 2019 10:46

Instrument :

MSVOA_N

ClientSampleId :

PB120320TB

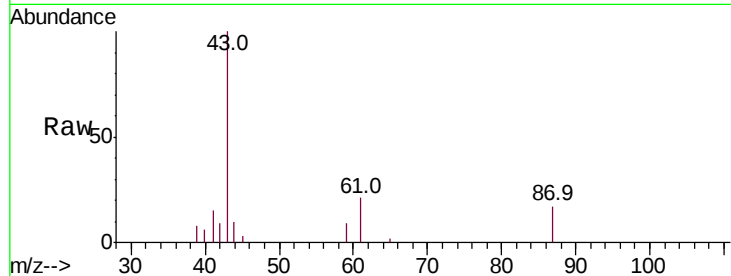
Tot Ion: 43 Resp: 15636

Ion Ratio Lower Upper

43 100

61 20.2 22.2 33.4#

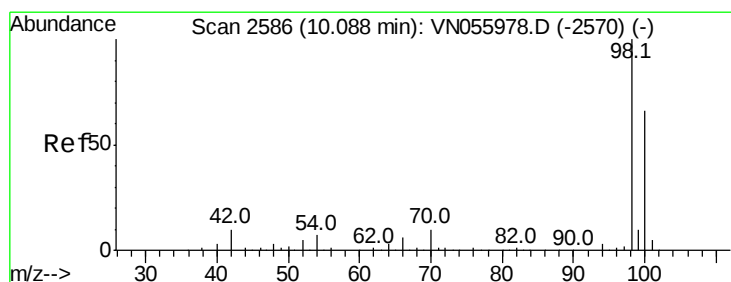
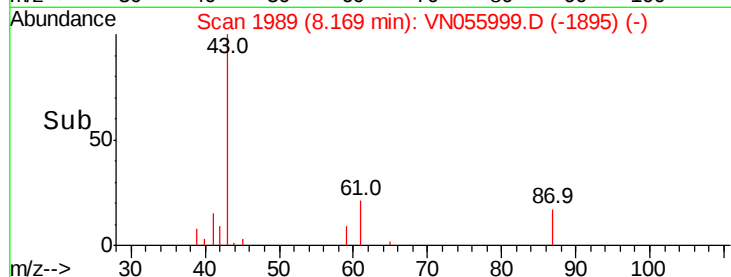
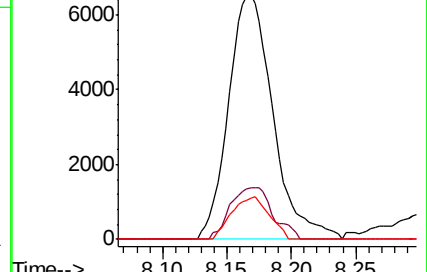
87 14.8 11.4 17.2



Abundance Ion 43.00 (42.70 to 43.70): VN055978.D (-1970) (-)

Ion 61.00 (60.70 to 61.70): VN055978.D (-1970) (-)

Ion 87.00 (86.70 to 87.70): VN055978.D (-1970) (-)



#50

Toluene-d8

Concen: 50.381 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. -0.00 min

Lab File: VN055999.D

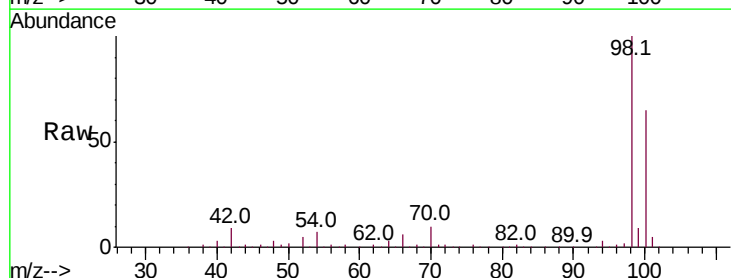
Acq: 5 Jun 2019 10:46

Tgt Ion: 98 Resp: 706967

Ion Ratio Lower Upper

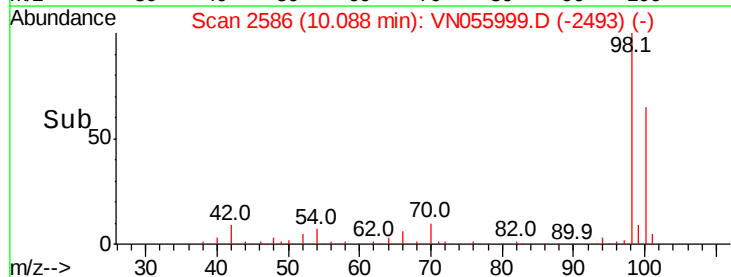
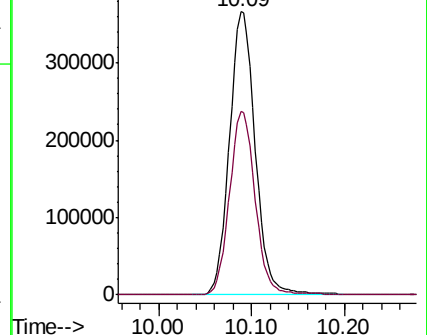
98 100

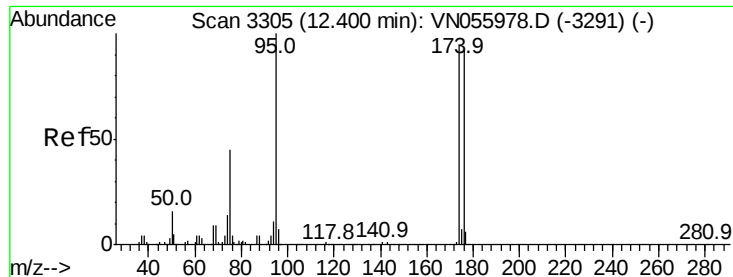
100 64.5 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN055978.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN055978.D (-2570) (-)





#62

4-Bromofluorobenzene

Concen: 48.086 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN055999.D

Acq: 5 Jun 2019 10:46

Instrument :

MSVOA_N

ClientSampleId :

PB120320TB

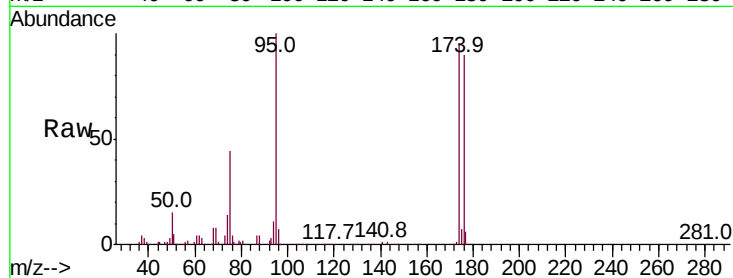
Tot Ion: 95 Resp: 229469

Ion Ratio Lower Upper

95 100

174 94.7 0.0 191.0

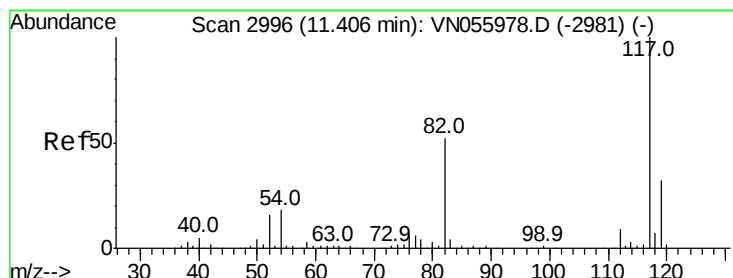
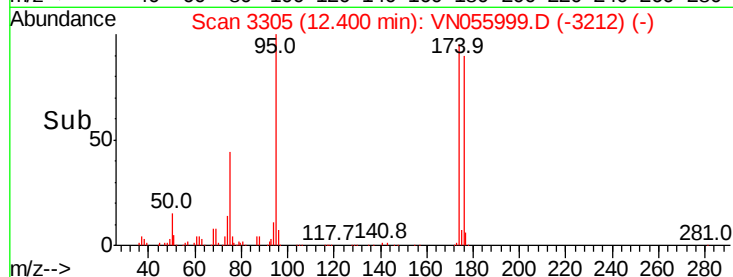
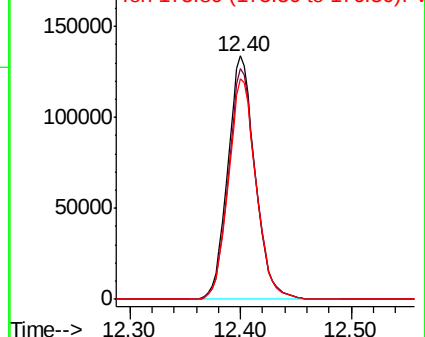
176 91.4 0.0 185.2



Abundance Ion 94.90 (94.60 to 95.60): VN055999.D (-2903) (-)

Ion 173.80 (173.50 to 174.50): VN055999.D (-2903) (-)

Ion 175.80 (175.50 to 176.50): VN055999.D (-2903) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN055999.D

Acq: 5 Jun 2019 10:46

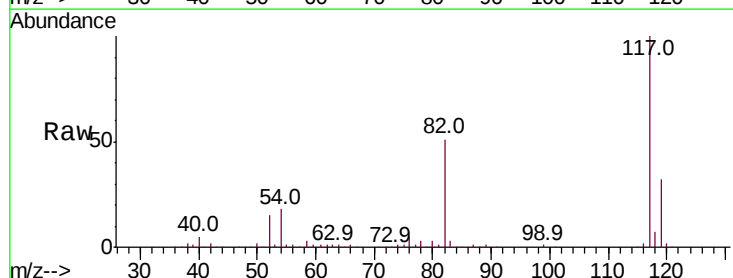
Tgt Ion: 117 Resp: 556063

Ion Ratio Lower Upper

117 100

82 50.9 41.8 62.8

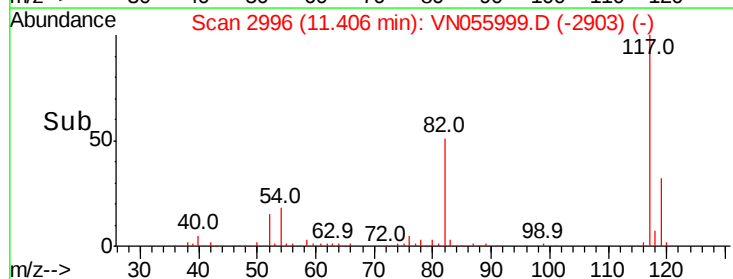
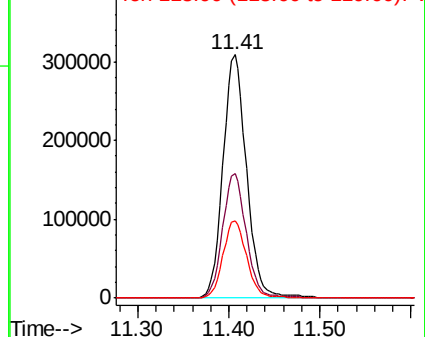
119 31.7 25.4 38.0

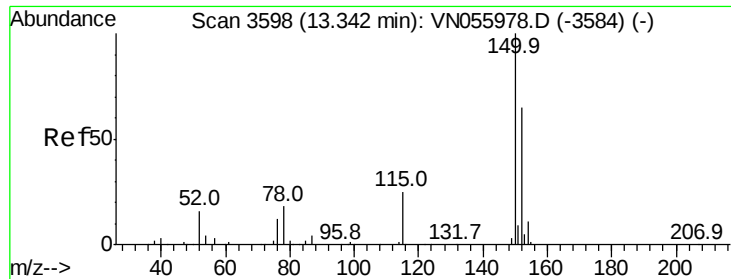


Abundance Ion 116.90 (116.60 to 117.60): VN055999.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN055999.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN055999.D (-2903) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN055999.D

Acq: 5 Jun 2019 10:46

Instrument :

MSVOA_N

ClientSampleId :

PB120320TB

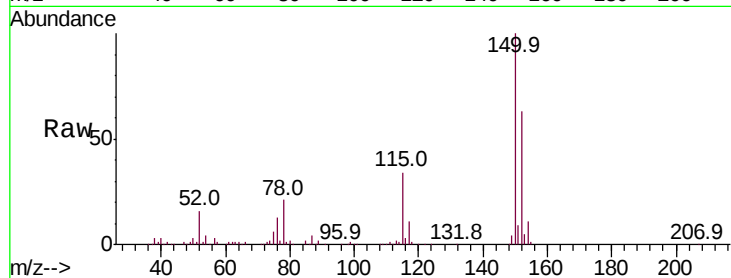
Tot Ion:152 Resp: 182017

Ion Ratio Lower Upper

152 100

115 53.4 27.0 81.0

150 157.6 0.0 343.2



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

