

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN042919\
 Data File : VN055291.D
 Acq On : 29 Apr 2019 14:13
 Operator : JC/SP
 Sample : PB119269TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB119269TB

Quant Time: Apr 30 04:55:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 30 04:20:38 2019
 Response via : Initial Calibration

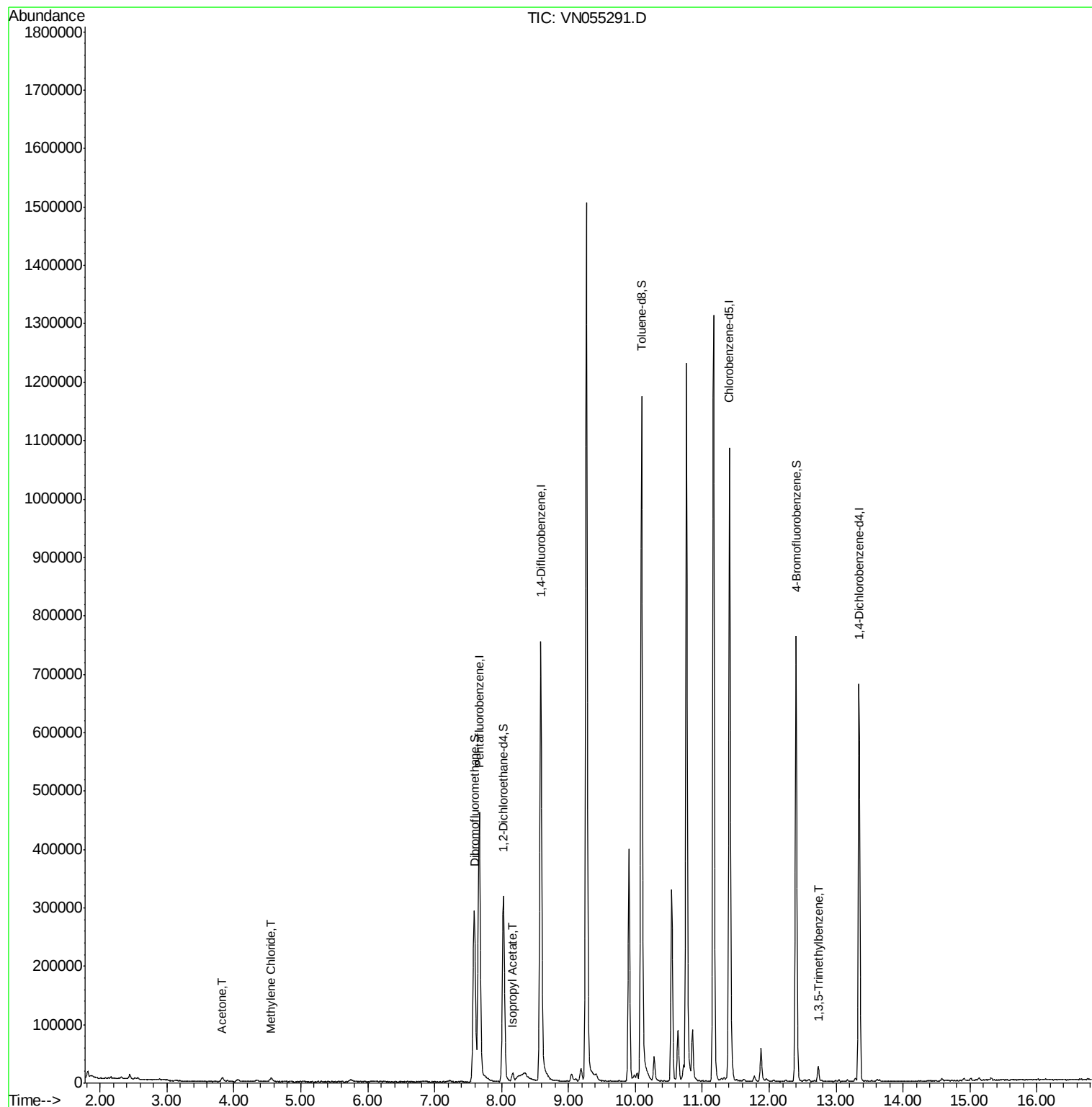
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	398540	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	669240	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	632393	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	179843	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	272080	52.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.36%	
35) Dibromofluoromethane	7.59	113	223746	50.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.88%	
50) Toluene-d8	10.09	98	851046	53.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.32%	
62) 4-Bromofluorobenzene	12.40	95	266997	53.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.72%	
Target Compounds						
16) Acetone	3.82	43	11591	7.135	ug/l	95
20) Methylene Chloride	4.55	84	4466	0.901	ug/l #	90
43) Isopropyl Acetate	8.16	43	18040	2.285	ug/l #	89
80) 1,3,5-Trimethylbenzene	12.73	105	13303	0.944	ug/l	100

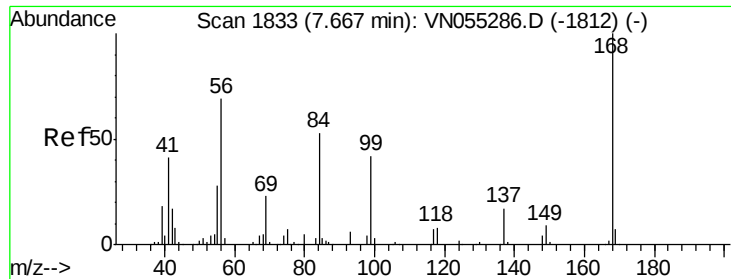
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN055291.D

Acq: 29 Apr 2019 14:13

Instrument :

MSVOA_N

ClientSampleId :

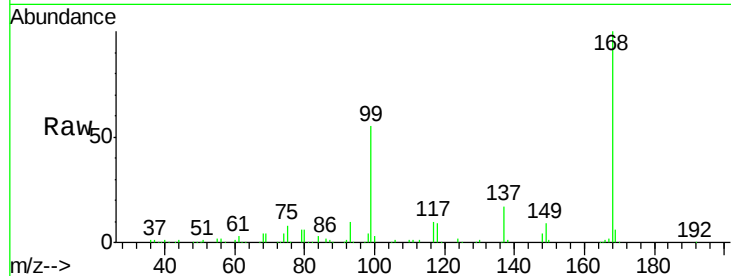
PB119269TB

Tot Ion:168 Resp: 398540

Ion Ratio Lower Upper

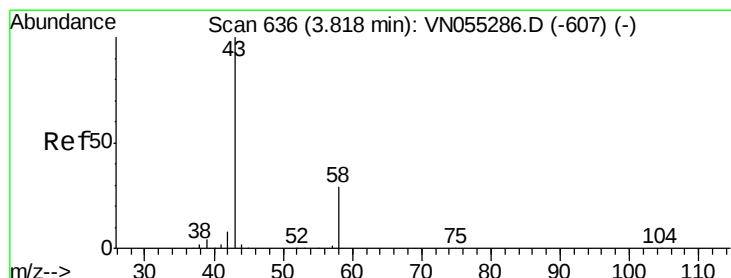
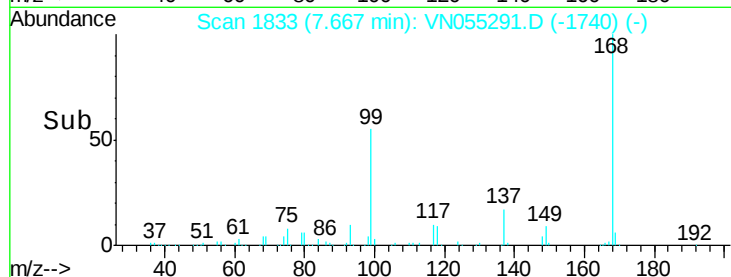
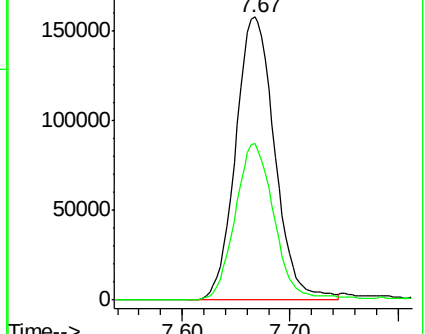
168 100

99 55.2 43.6 65.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 7.135 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN055291.D

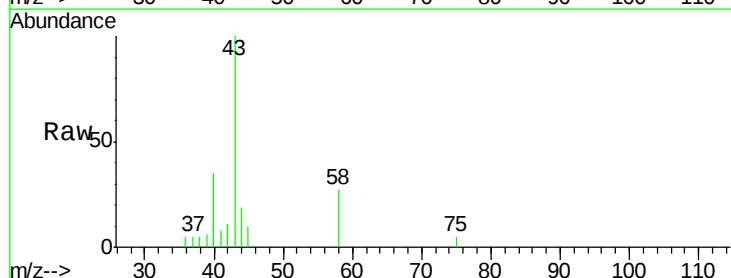
Acq: 29 Apr 2019 14:13

Tgt Ion: 43 Resp: 11591

Ion Ratio Lower Upper

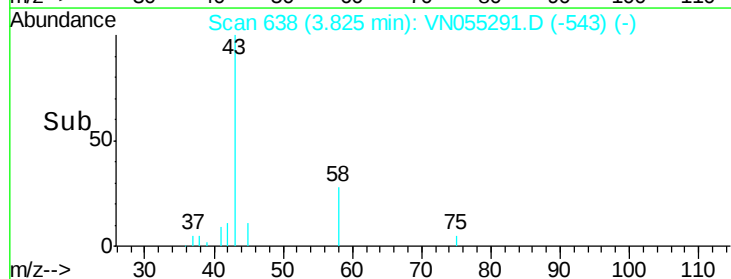
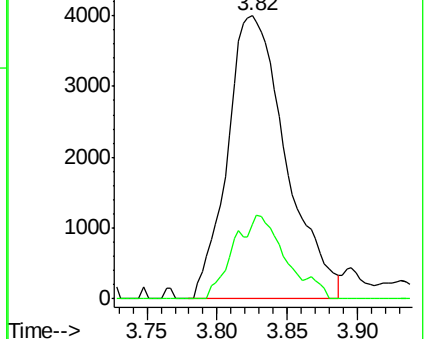
43 100

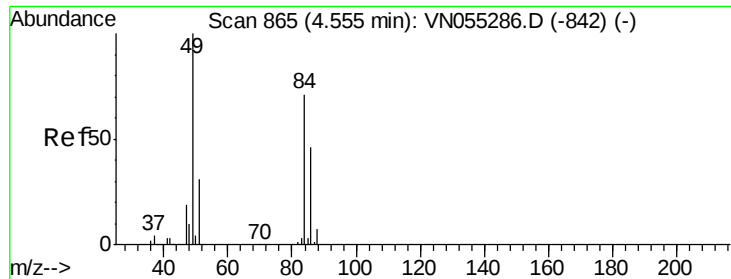
58 26.6 23.6 35.4



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

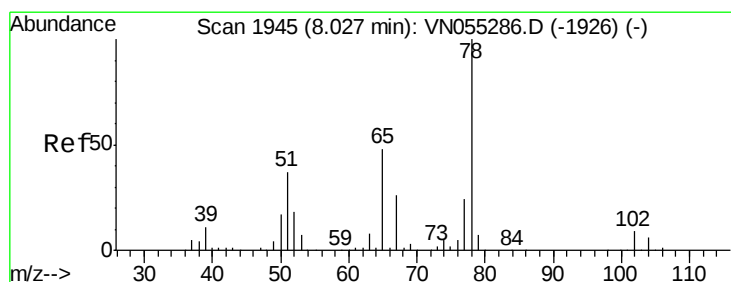
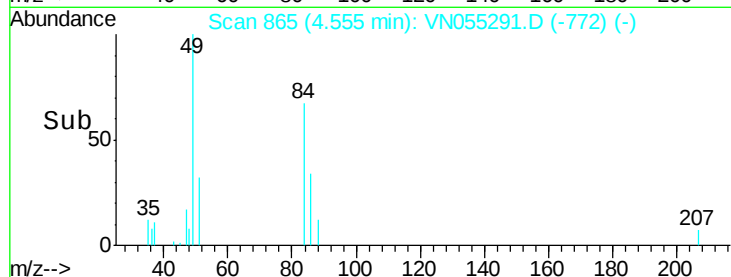
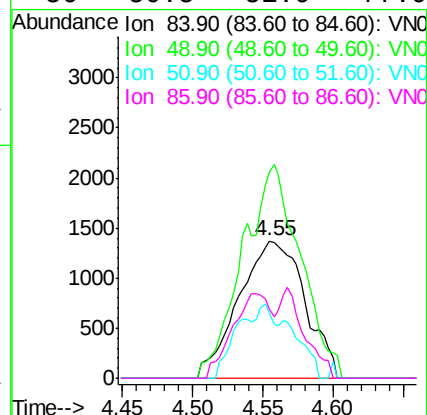
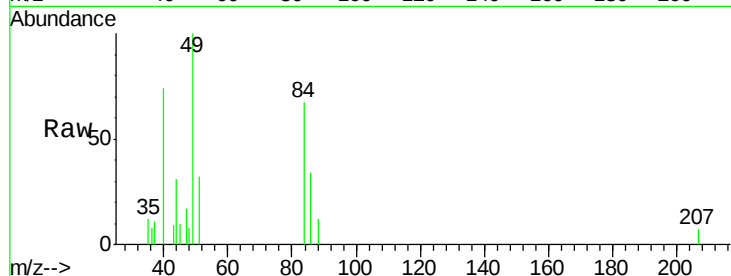




#20
Methvlene Chloride
Concen: 0.901 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN055291.D
Acq: 29 Apr 2019 14:13

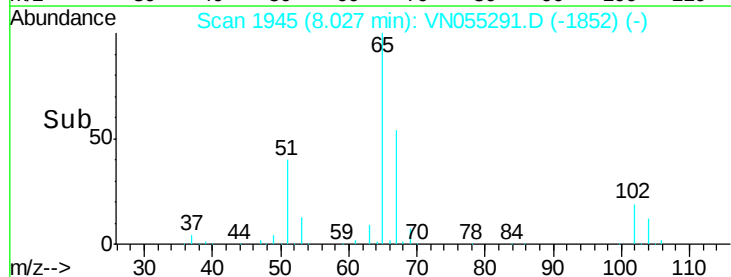
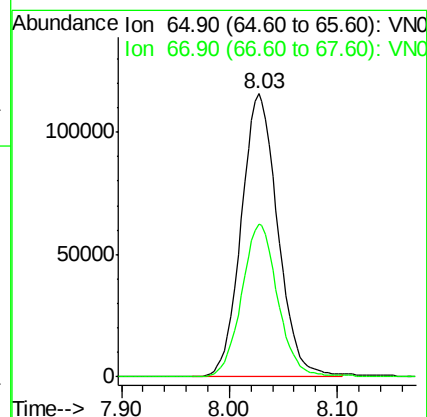
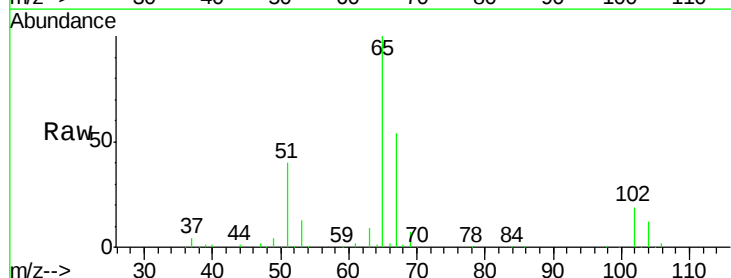
Instrument :
MSVOA_N
ClientSampled :
PB119269TB

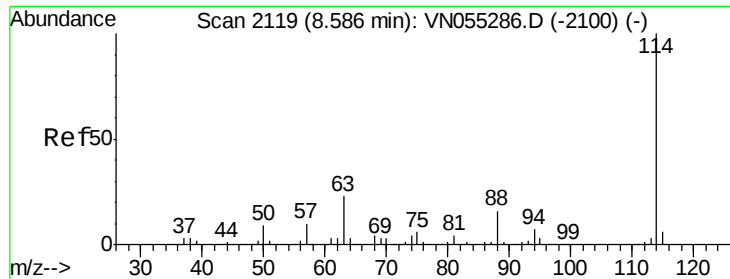
Tot Ion: 84 Resp: 4466
Ion Ratio Lower Upper
84 100
49 149.9 112.4 168.6
51 47.4 34.6 51.8
86 50.5 51.9 77.9#



#33
1,2-Dichloroethane-d4
Concen: 52.185 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN055291.D
Acq: 29 Apr 2019 14:13

Tgt Ion: 65 Resp: 272080
Ion Ratio Lower Upper
65 100
67 53.5 0.0 106.8

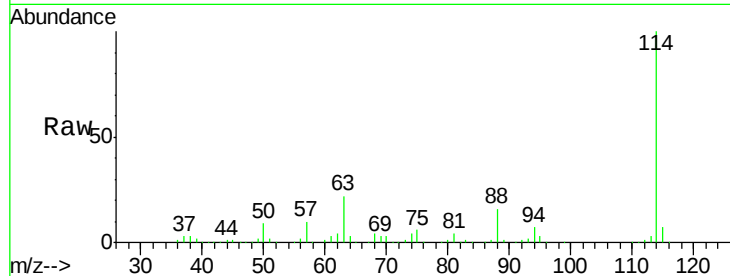




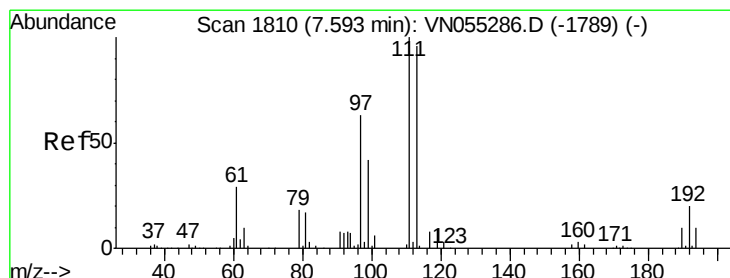
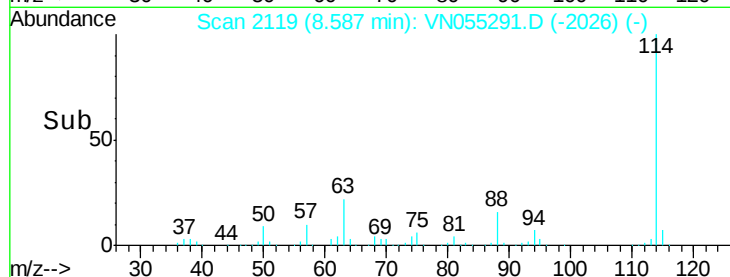
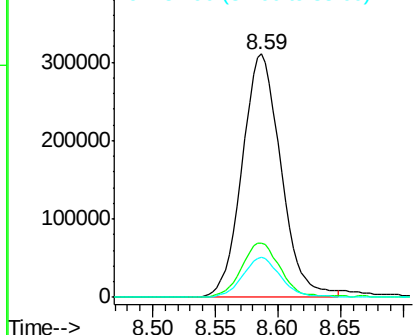
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN055291.D
Acq: 29 Apr 2019 14:13

Instrument :
MSVOA_N
ClientSampleId :
PB119269TB

Tot Ion:114 Resp: 669240
Ion Ratio Lower Upper
114 100
63 22.4 0.0 45.2
88 16.3 0.0 31.6

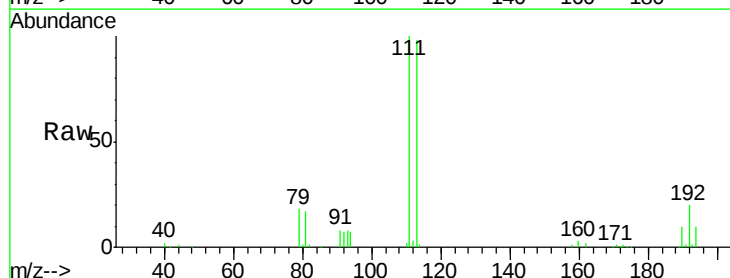


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

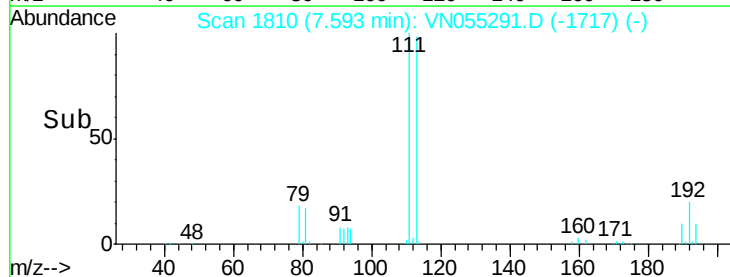
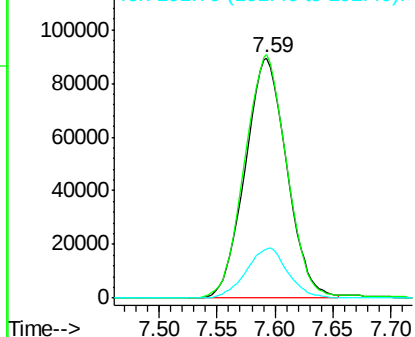


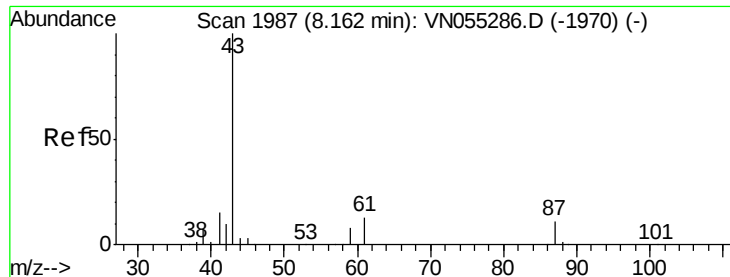
#35
Dibromofluoromethane
Concen: 50.936 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN055291.D
Acq: 29 Apr 2019 14:13

Tgt Ion:113 Resp: 223746
Ion Ratio Lower Upper
113 100
111 103.2 82.3 123.5
192 20.8 17.0 25.6



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





#43

Isopropyl Acetate

Concen: 2.285 ug/l

RT: 8.16 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VN055291.D

Acq: 29 Apr 2019 14:13

Instrument :

MSVOA_N

ClientSampleId :

PB119269TB

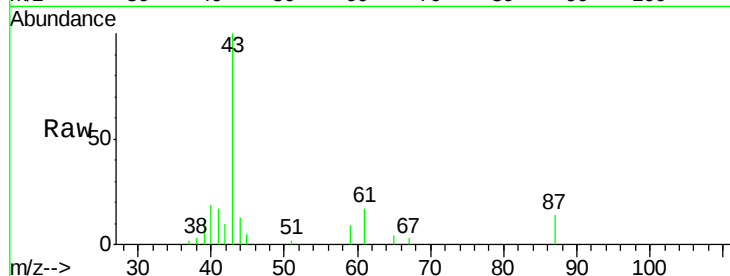
Tot Ion: 43 Resp: 18040

Ion Ratio Lower Upper

43 100

61 18.3 20.8 31.2#

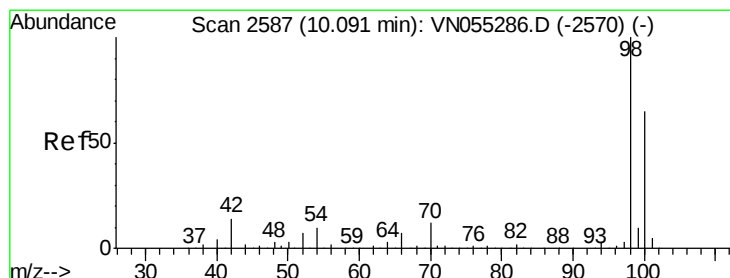
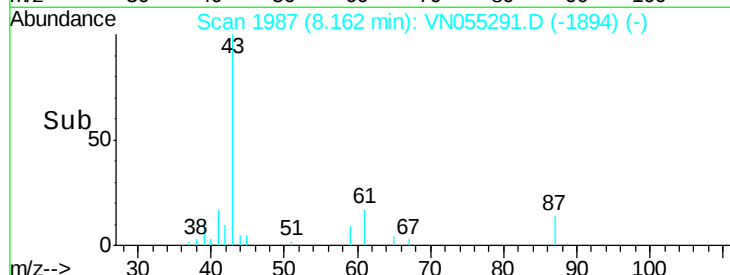
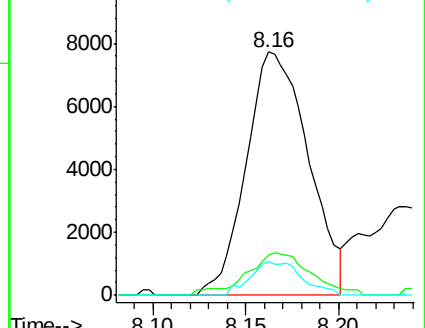
87 11.5 8.5 12.7



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: 53.655 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055291.D

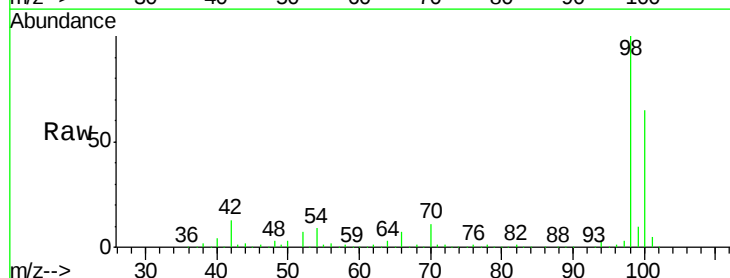
Acq: 29 Apr 2019 14:13

Tgt Ion: 98 Resp: 851046

Ion Ratio Lower Upper

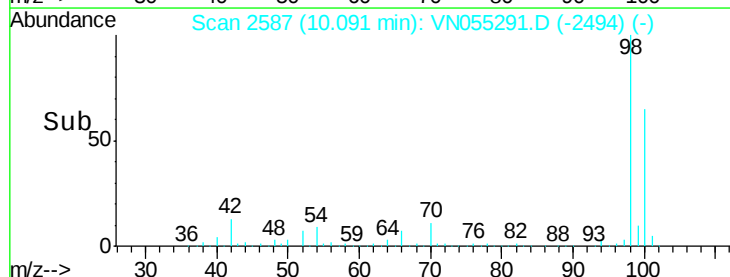
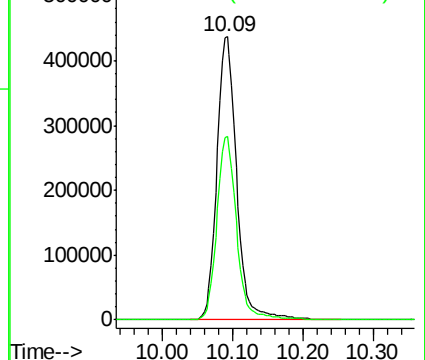
98 100

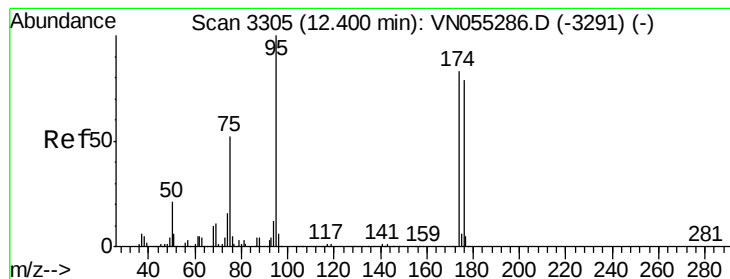
100 64.9 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 53.860 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055291.D

Acq: 29 Apr 2019 14:13

Instrument :

MSVOA_N

ClientSampleId :

PB119269TB

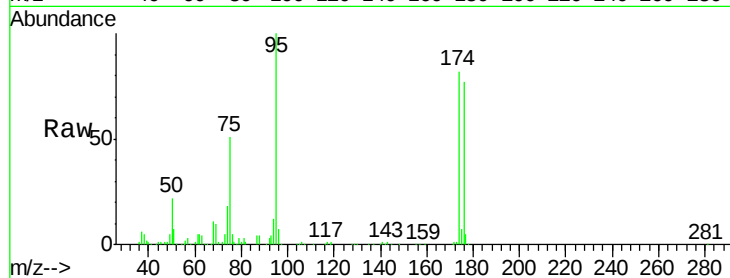
Tot Ion: 95 Resp: 266997

Ion Ratio Lower Upper

95 100

174 82.9 0.0 166.6

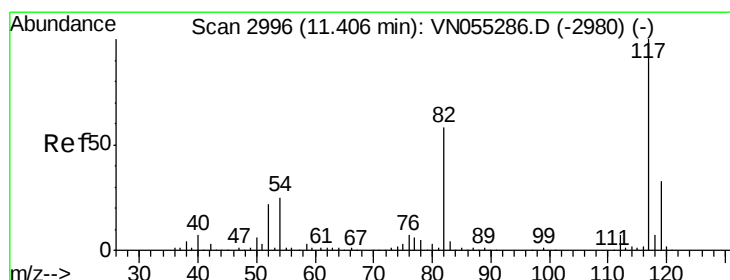
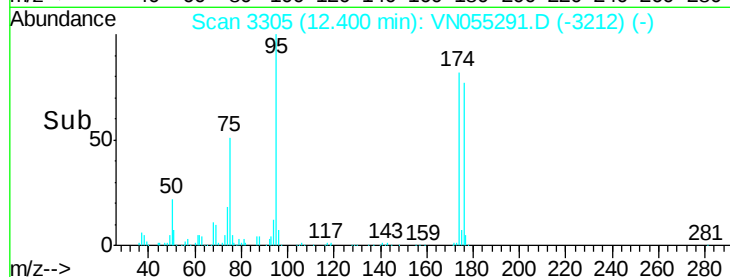
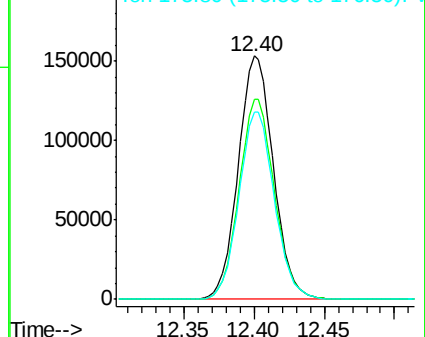
176 77.7 0.0 157.8



Abundance Ion 94.90 (94.60 to 95.60): VN055291.D (-2903) (-)

Ion 173.80 (173.50 to 174.50): VN055291.D (-2903) (-)

Ion 175.80 (175.50 to 176.50): VN055291.D (-2903) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN055291.D

Acq: 29 Apr 2019 14:13

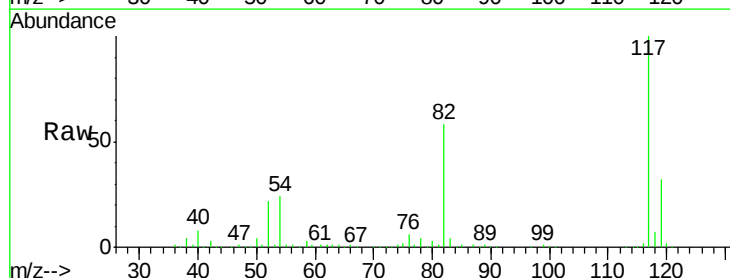
Tgt Ion: 117 Resp: 632393

Ion Ratio Lower Upper

117 100

82 57.6 46.2 69.4

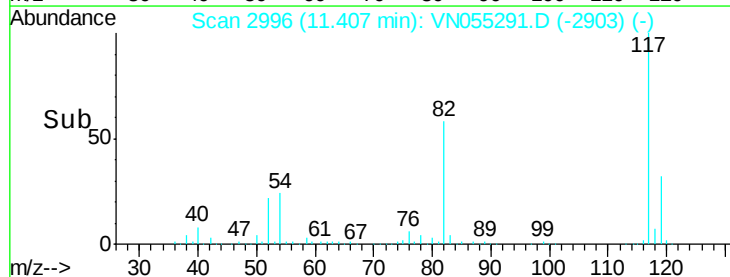
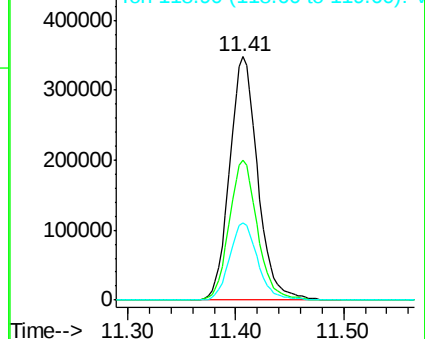
119 31.8 26.6 40.0

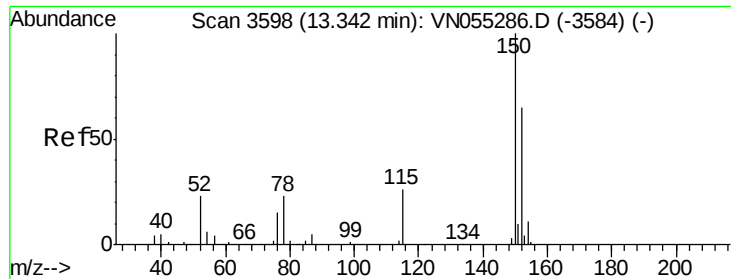


Abundance Ion 116.90 (116.60 to 117.60): VN055291.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN055291.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN055291.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: VN055291.D

Acq: 29 Apr 2019 14:13

Instrument :

MSVOA_N

ClientSampleId :

PB119269TB

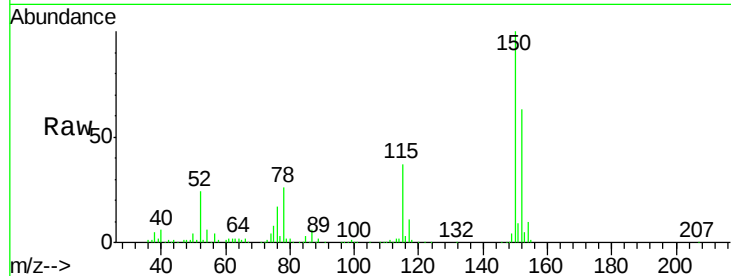
Tot Ion:152 Resp: 179843

Ion Ratio Lower Upper

152 100

115 58.2 29.0 87.0

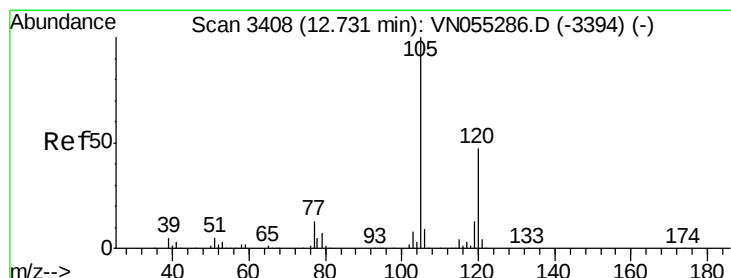
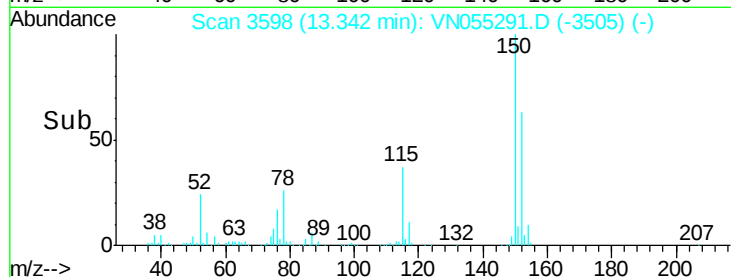
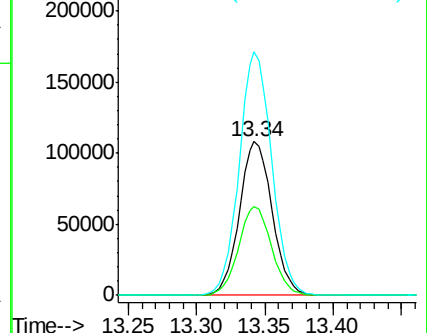
150 157.9 0.0 345.6



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



#80

1,3,5-Trimethylbenzene

Concen: 0.944 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN055291.D

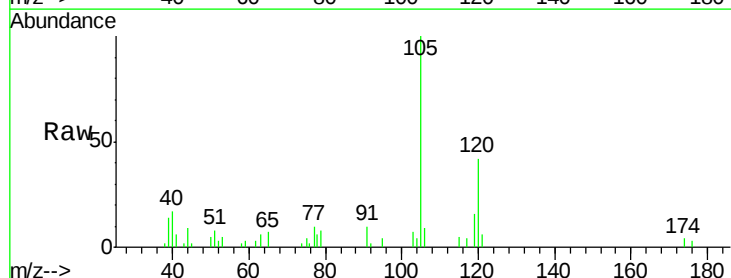
Acq: 29 Apr 2019 14:13

Tgt Ion:105 Resp: 13303

Ion Ratio Lower Upper

105 100

120 46.5 23.4 70.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

