

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020119\
 Data File : VN053578.D
 Acq On : 1 Feb 2019 16:01
 Operator : JC/SP
 Sample : PB116733TB
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB116733TB

Quant Time: Feb 01 23:33:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N013019W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 01 09:11:52 2019
 Response via : Initial Calibration

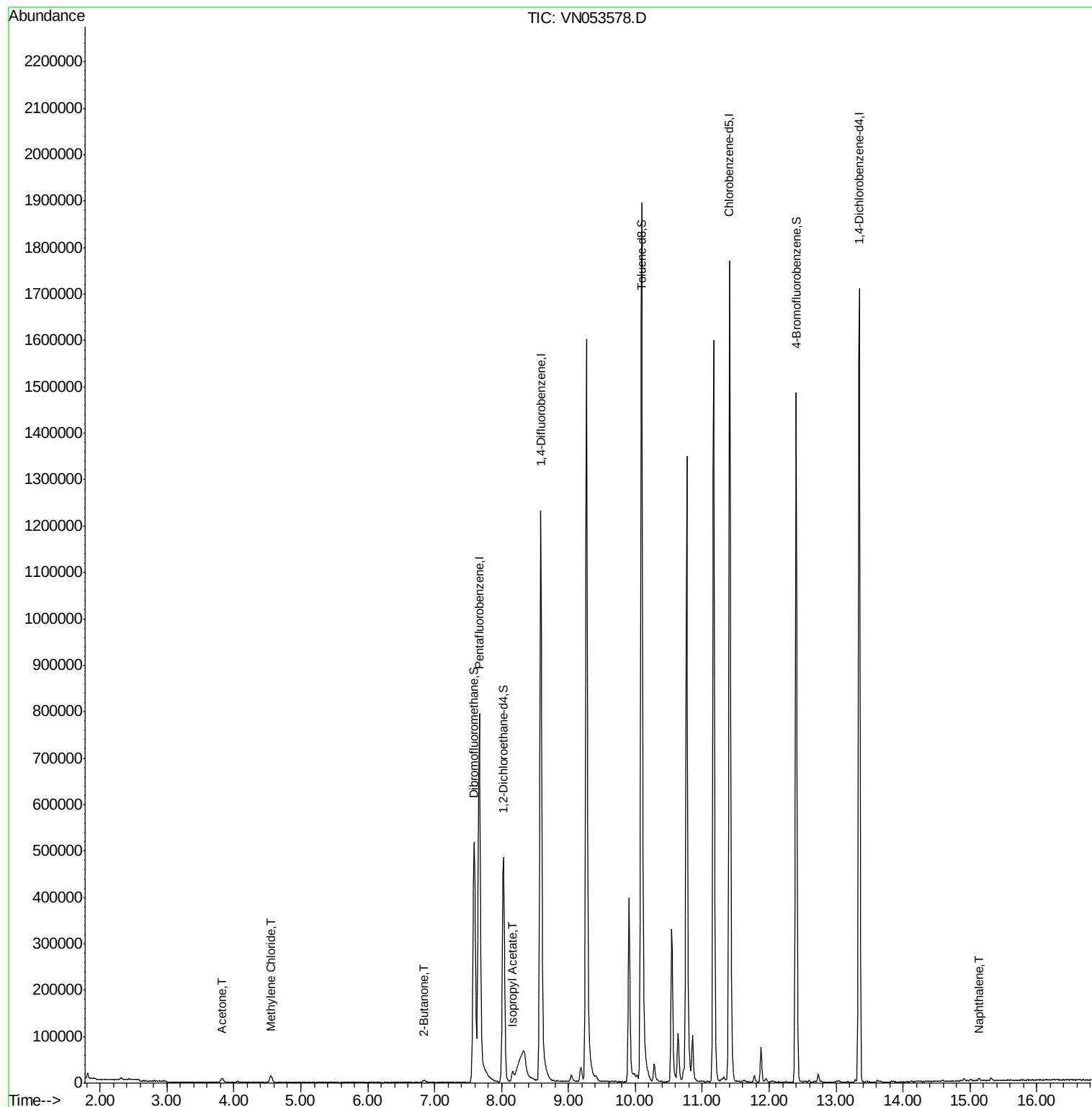
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	791354	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1293917	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1182870	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	498265	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	417835	52.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.26%	
35) Dibromofluoromethane	7.59	113	410331	50.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.38%	
50) Toluene-d8	10.09	98	1562174	50.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.78%	
62) 4-Bromofluorobenzene	12.40	95	524404	51.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.44%	
Target Compounds						
16) Acetone	3.82	43	16687	8.195	ug/l	94
20) Methylene Chloride	4.55	84	11193	1.310	ug/l #	89
25) 2-Butanone	6.85	43	7714	2.656	ug/l	94
43) Isopropyl Acetate	8.17	43	30935	2.459	ug/l #	88
95) Naphthalene	15.14	128	5184	1.965	ug/l	98

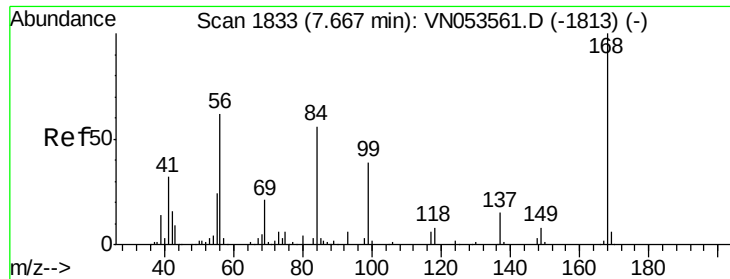
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Feb 01 09:11:52 2019
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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: VN053578.D

Acq: 1 Feb 2019 16:01

Instrument :

MSVOA_N

ClientSampleId :

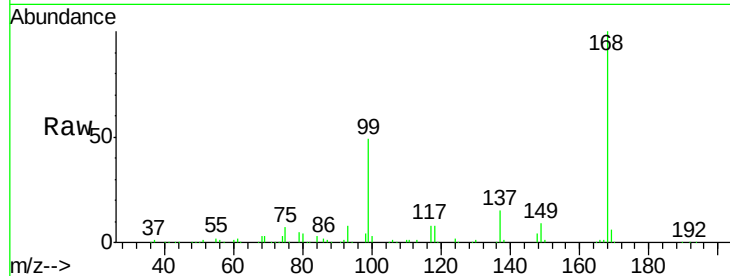
PB116733TB

Tgt Ion:168 Resp: 791354

Ion Ratio Lower Upper

168 100

99 49.4 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

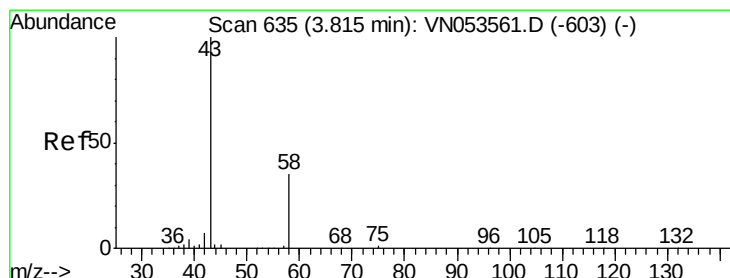
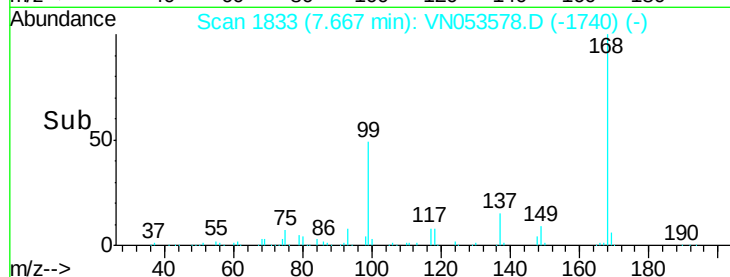
300000

200000

100000

0

Time--> 7.50 7.60 7.70 7.80



#16

Acetone

Concen: 8.195 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN053578.D

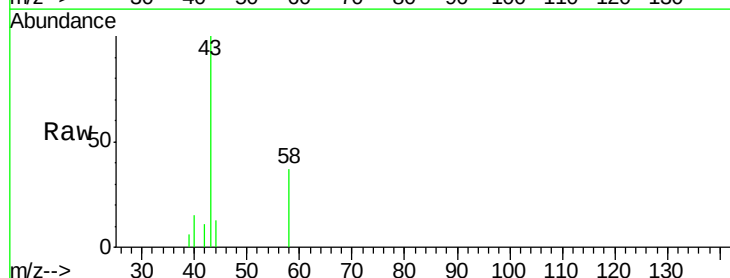
Acq: 1 Feb 2019 16:01

Tgt Ion: 43 Resp: 16687

Ion Ratio Lower Upper

43 100

58 37.0 27.1 40.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.82

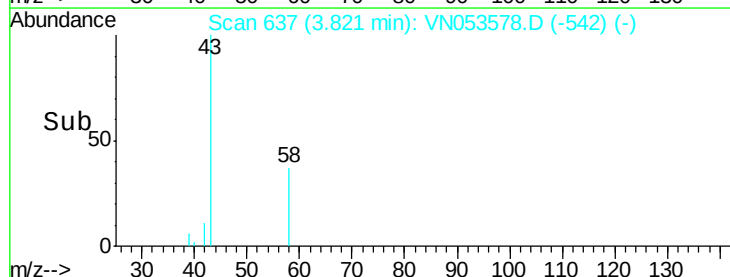
6000

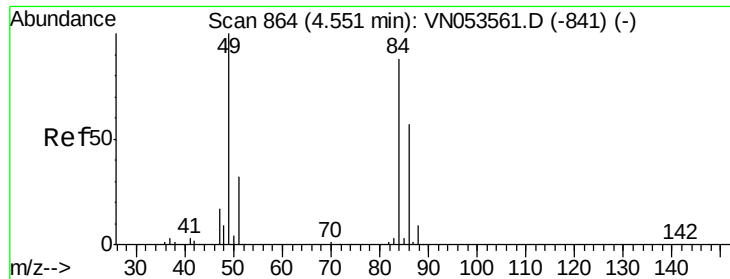
4000

2000

0

Time--> 3.75 3.80 3.85 3.90

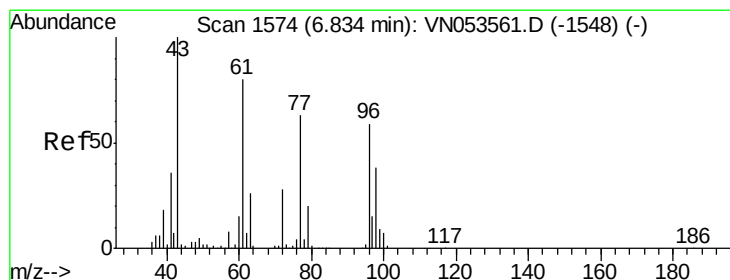
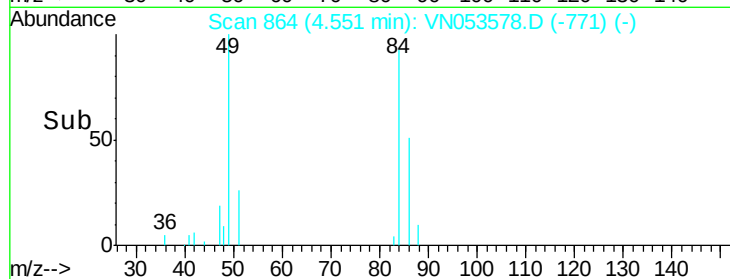
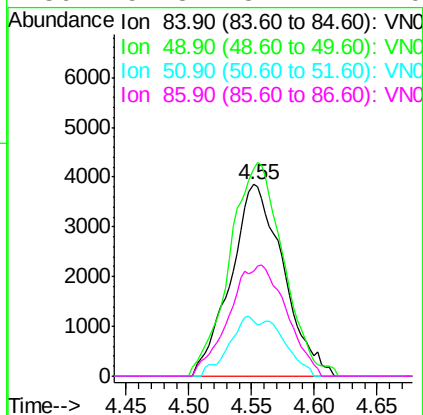
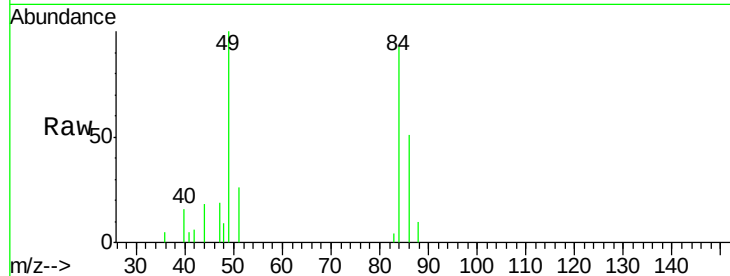




#20
Methylene Chloride
Concen: 1.310 ug/l
RT: 4.55 min Scan# 864
Delta R.T. 0.00 min
Lab File: VN053578.D
Acq: 1 Feb 2019 16:01

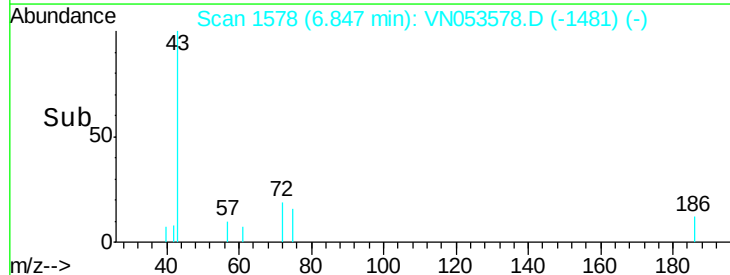
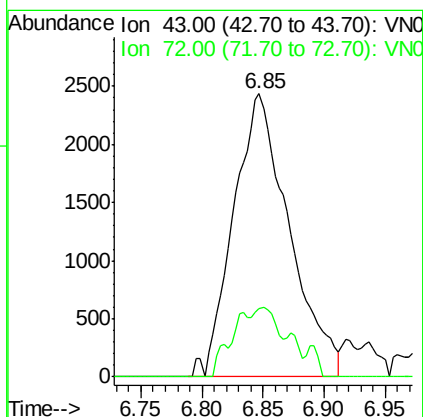
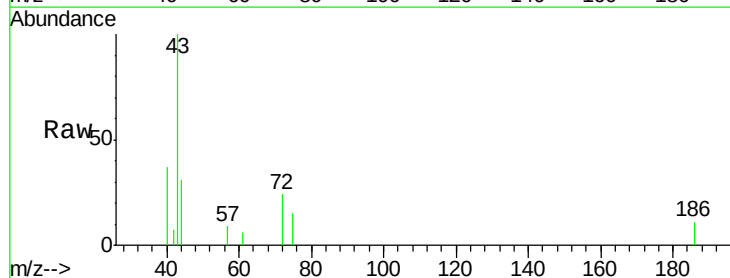
Instrument :
MSVOA_N
ClientSampled :
PB116733TB

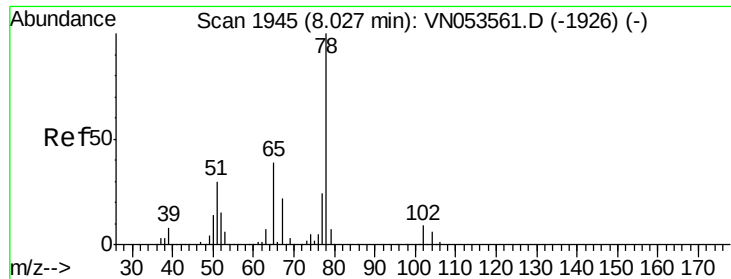
Tgt Ion: 84 Resp: 11193
Ion Ratio Lower Upper
84 100
49 108.1 94.3 141.5
51 28.6 29.4 44.2#
86 54.8 51.4 77.0



#25
2-Butanone
Concen: 2.656 ug/l
RT: 6.85 min Scan# 1578
Delta R.T. 0.01 min
Lab File: VN053578.D
Acq: 1 Feb 2019 16:01

Tgt Ion: 43 Resp: 7714
Ion Ratio Lower Upper
43 100
72 24.4 22.0 33.0

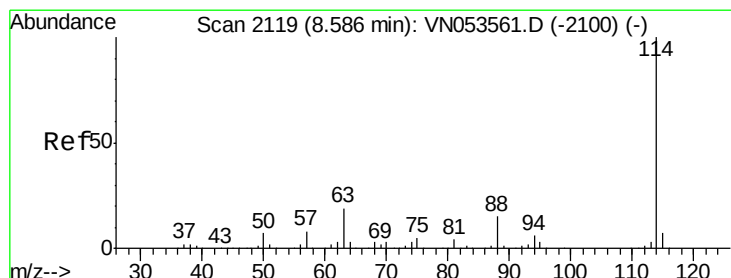
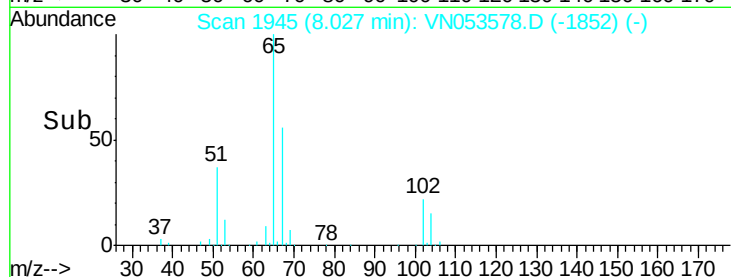
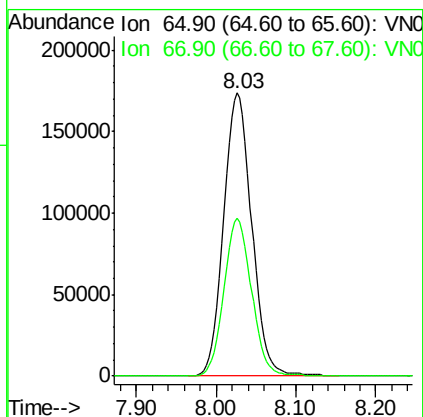
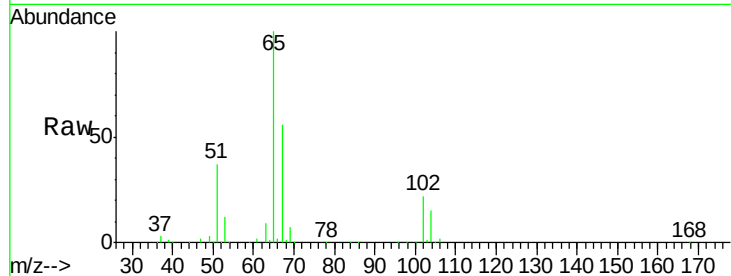




#33
 1,2-Dichloroethane-d4
 Concen: 52.632 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN053578.D
 Acq: 1 Feb 2019 16:01

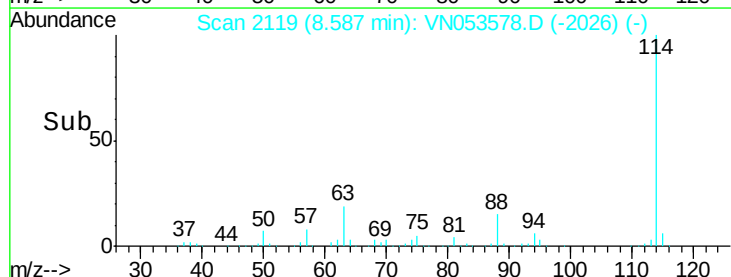
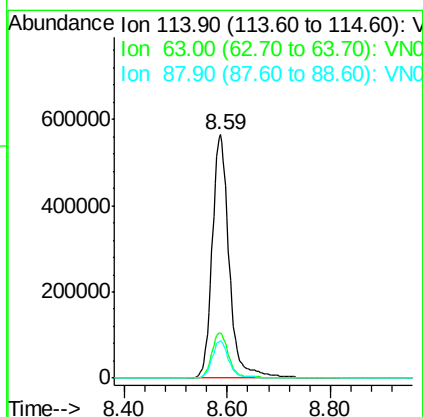
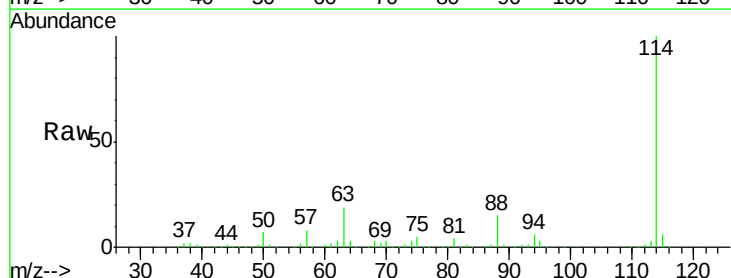
Instrument :
 MSVOA_N
 ClientSampleId :
 PB116733TB

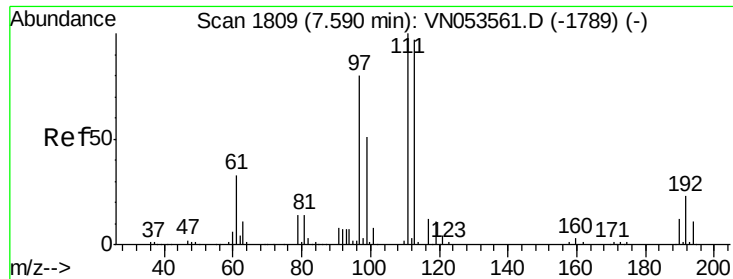
Tgt Ion: 65 Resp: 417835
 Ion Ratio Lower Upper
 65 100
 67 54.8 0.0 111.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053578.D
 Acq: 1 Feb 2019 16:01

Tgt Ion: 114 Resp: 1293917
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 38.6
 88 15.4 0.0 30.4

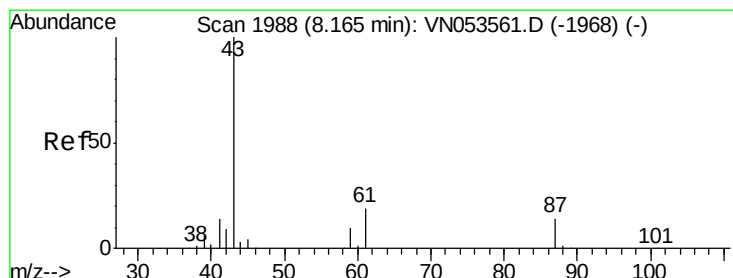
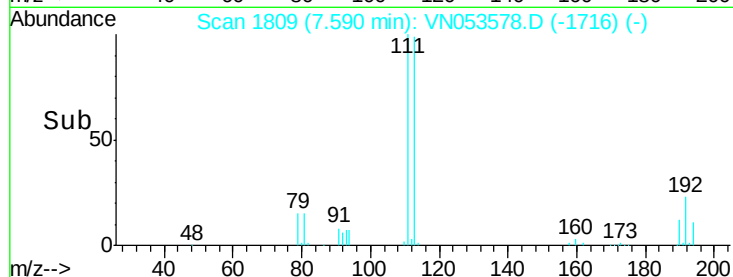
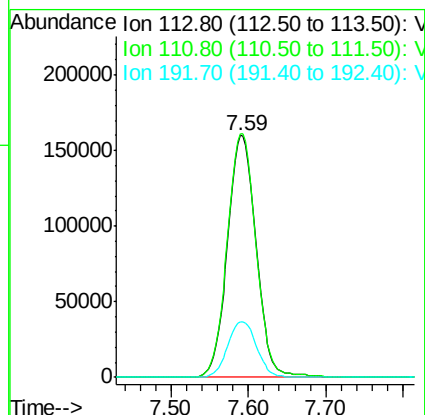
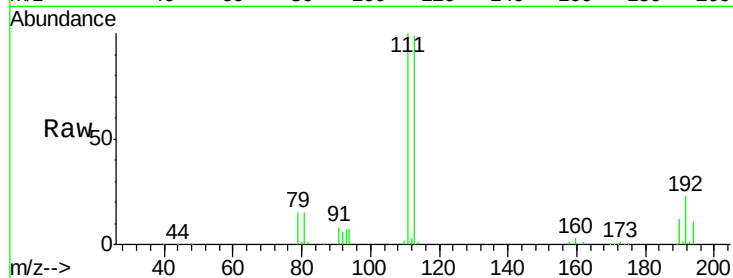




#35
 Dibromofluoromethane
 Concen: 50.188 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN053578.D
 Acq: 1 Feb 2019 16:01

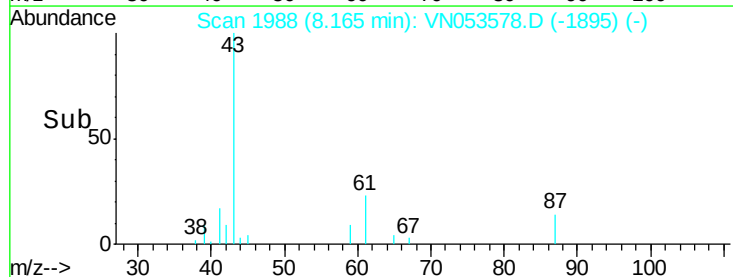
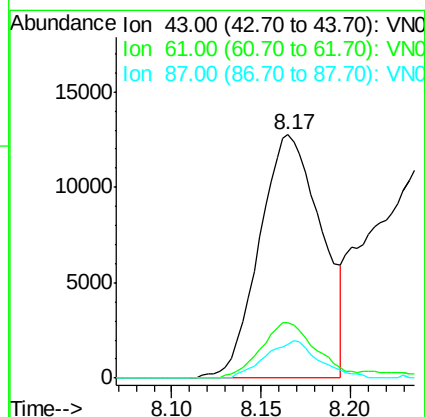
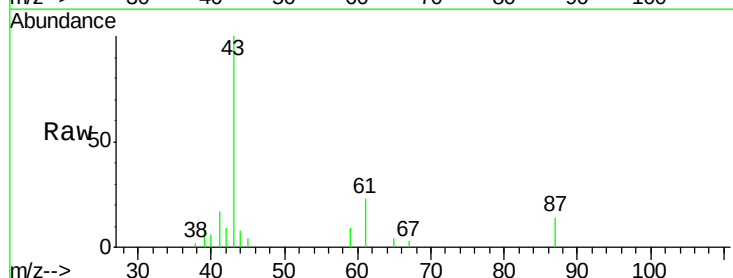
Instrument :
 MSVOA_N
 ClientSampleId :
 PB116733TB

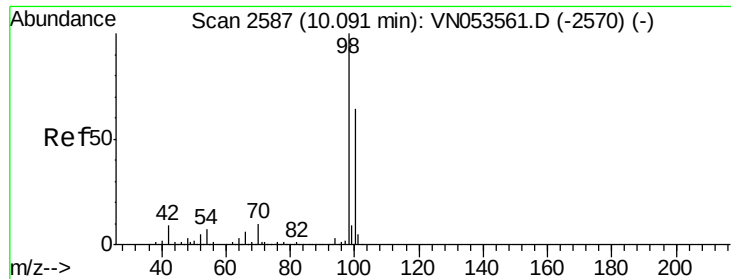
Tgt Ion: 113 Resp: 410331
 Ion Ratio Lower Upper
 113 100
 111 101.4 81.1 121.7
 192 23.2 18.2 27.2



#43
 Isopropyl Acetate
 Concen: 2.459 ug/l
 RT: 8.17 min Scan# 1988
 Delta R.T. 0.00 min
 Lab File: VN053578.D
 Acq: 1 Feb 2019 16:01

Tgt Ion: 43 Resp: 30935
 Ion Ratio Lower Upper
 43 100
 61 20.3 23.9 35.9#
 87 13.3 11.0 16.6





#50

Toluene-d8

Concen: 50.887 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053578.D

Acq: 1 Feb 2019 16:01

Instrument :

MSVOA_N

ClientSampleId :

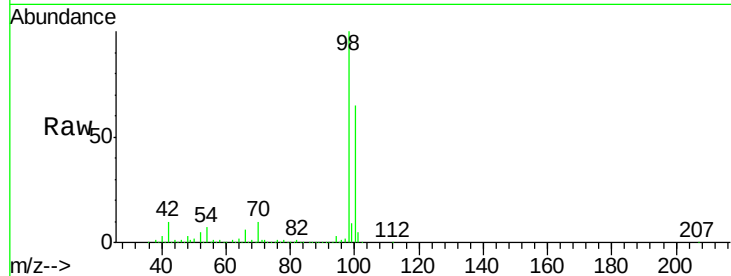
PB116733TB

Tgt Ion: 98 Resp: 1562174

Ion Ratio Lower Upper

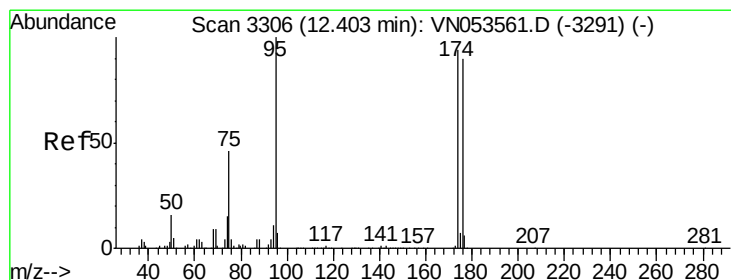
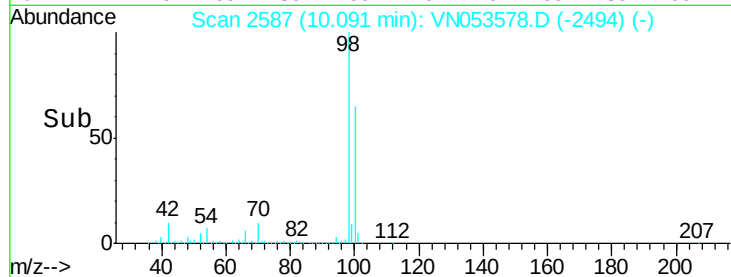
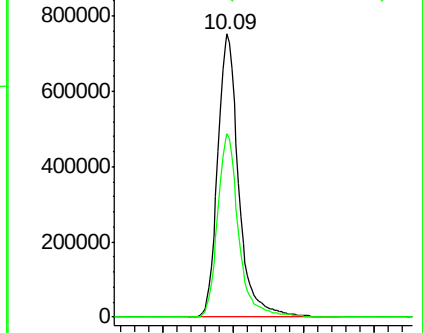
98 100

100 64.4 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#62

4-Bromofluorobenzene

Concen: 51.218 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN053578.D

Acq: 1 Feb 2019 16:01

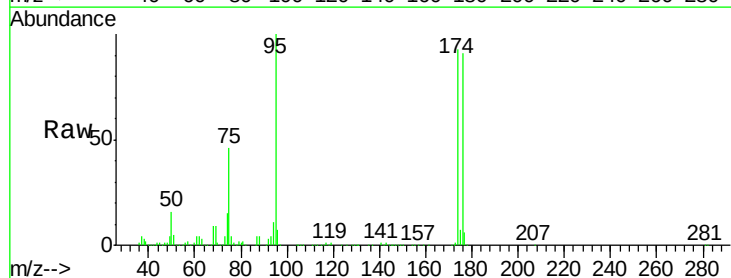
Tgt Ion: 95 Resp: 524404

Ion Ratio Lower Upper

95 100

174 92.5 0.0 183.2

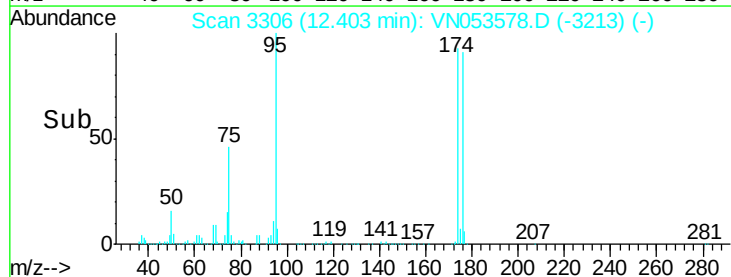
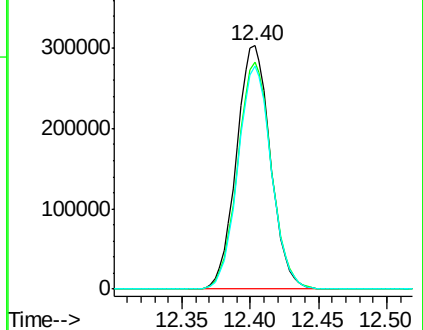
176 90.3 0.0 177.4

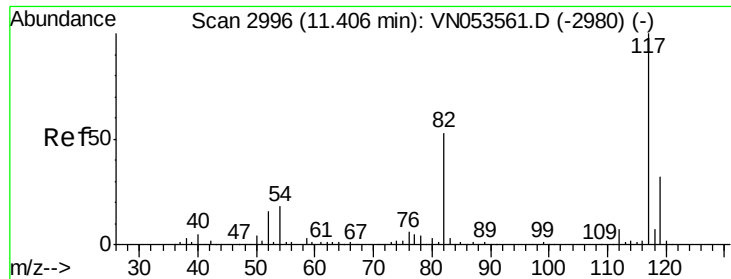


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN

Ion 175.80 (175.50 to 176.50): VN

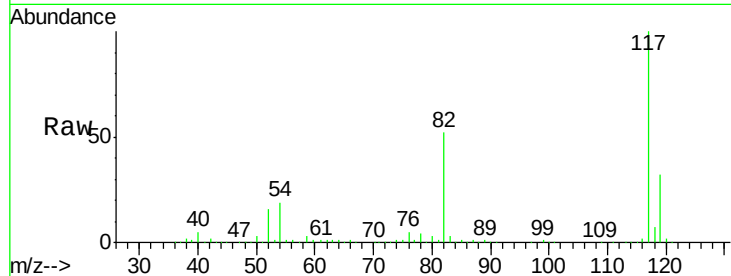




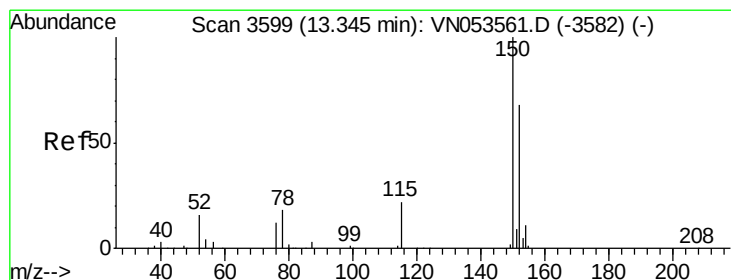
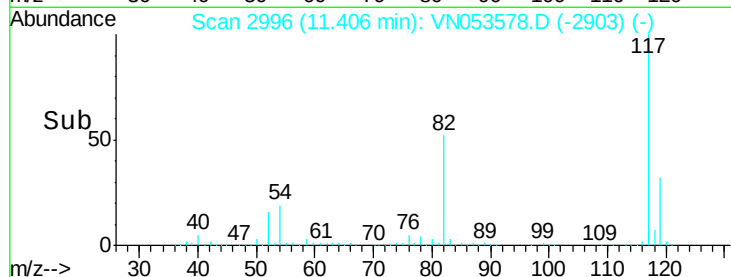
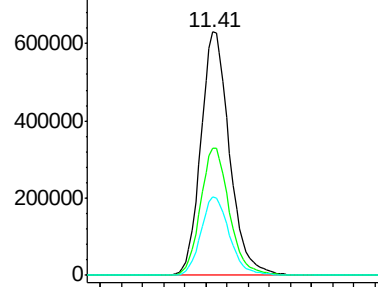
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN053578.D
Acq: 1 Feb 2019 16:01

Instrument :
MSVOA_N
ClientSampled :
PB116733TB

Tgt Ion:117 Resp: 1182870
Ion Ratio Lower Upper
117 100
82 52.3 42.9 64.3
119 32.1 26.0 39.0

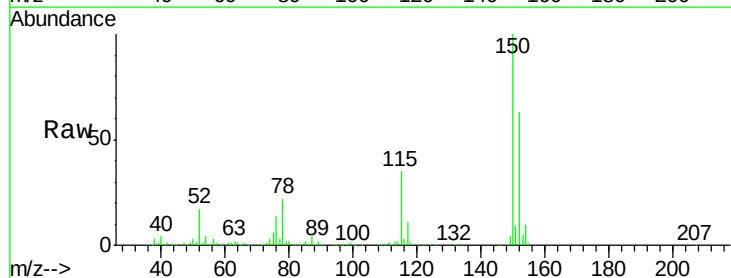


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

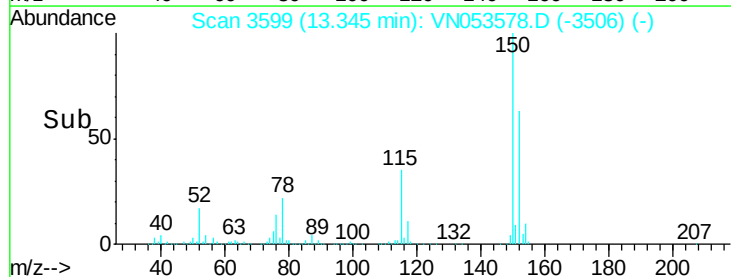
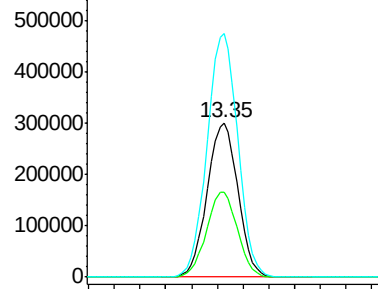


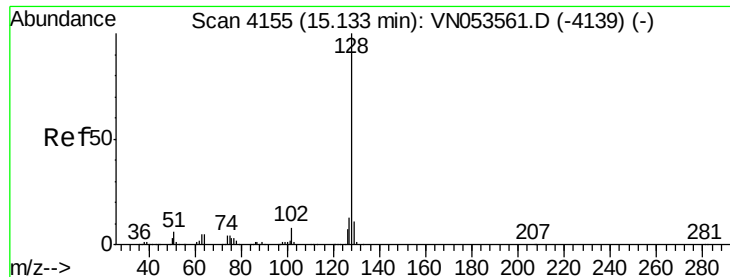
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN053578.D
Acq: 1 Feb 2019 16:01

Tgt Ion:152 Resp: 498265
Ion Ratio Lower Upper
152 100
115 55.2 27.8 83.4
150 157.8 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: 1.965 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN053578.D

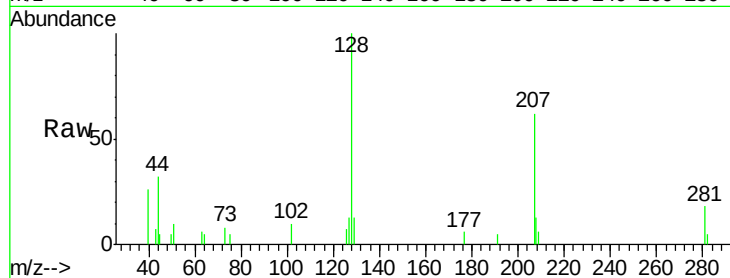
Acq: 1 Feb 2019 16:01

Instrument :

MSVOA_N

ClientSampleId :

PB116733TB



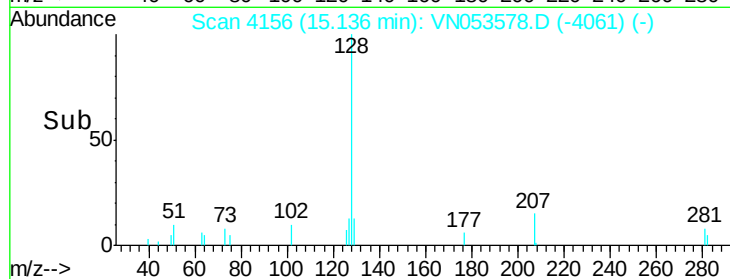
Tgt Ion:128 Resp: 5184

Ion Ratio Lower Upper

128 100

127 12.0 10.3 15.5

129 10.5 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

