

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021319\
 Data File : VN053749.D
 Acq On : 13 Feb 2019 12:34
 Operator : JC/SP
 Sample : PB117063TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB117063TB

Quant Time: Feb 14 00:45:34 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

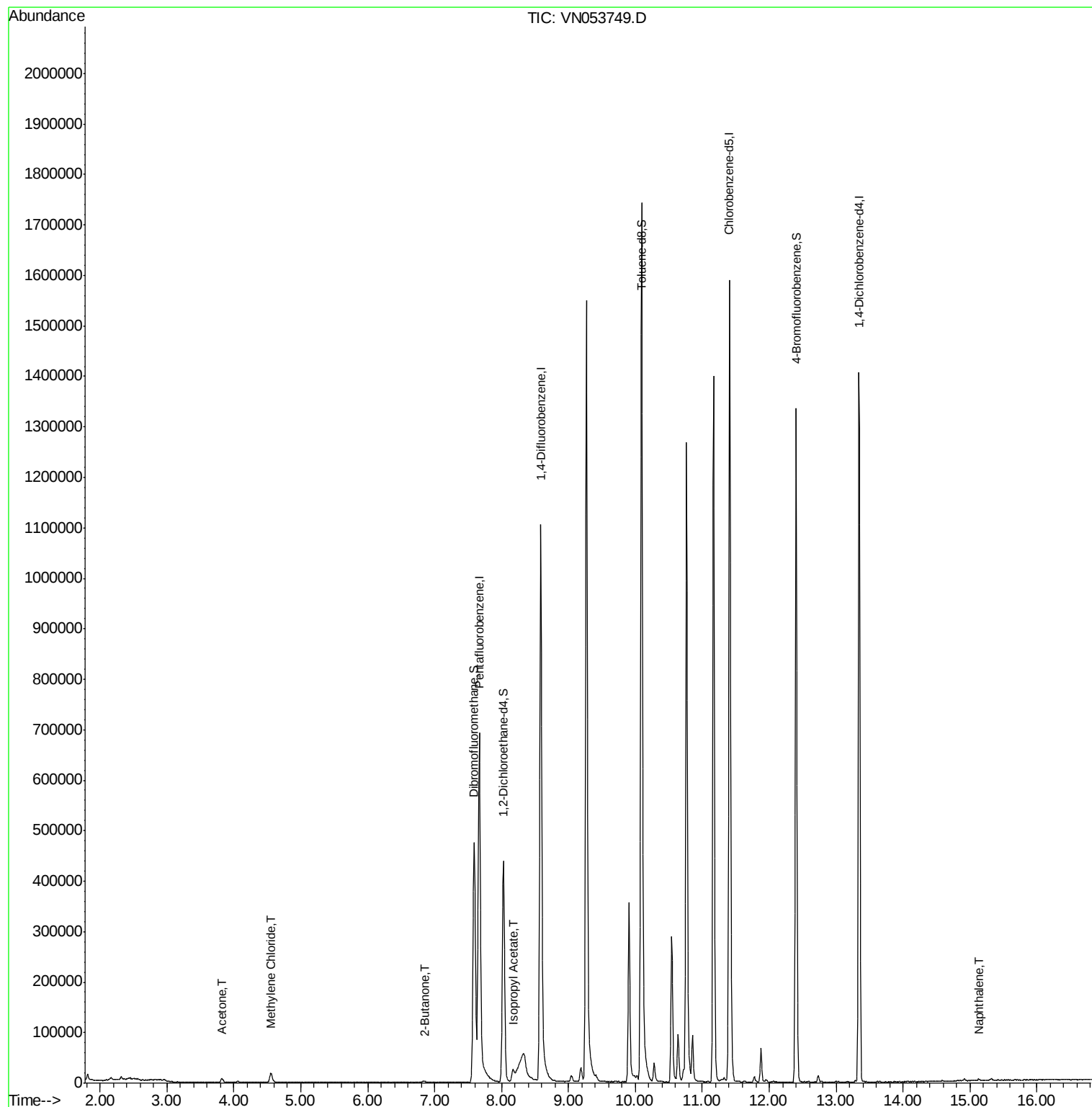
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	677814	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1159114	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1075585	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	420406	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	373472	54.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.84%	
35) Dibromofluoromethane	7.59	113	375571	51.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.56%	
50) Toluene-d8	10.09	98	1416686	51.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.02%	
62) 4-Bromofluorobenzene	12.40	95	459914	50.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.28%	
Target Compounds						
16) Acetone	3.82	43	13246	7.594	ug/l	94
20) Methylene Chloride	4.55	84	13430	1.835	ug/l	94
25) 2-Butanone	6.85	43	4848	1.949	ug/l	96
43) Isopropyl Acetate	8.17	43	35555	3.155	ug/l #	81
95) Naphthalene	15.14	128	3768	1.933	ug/l #	95

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

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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: VN053749.D

Acq: 13 Feb 2019 12:34

Instrument :

MSVOA_N

ClientSampleId :

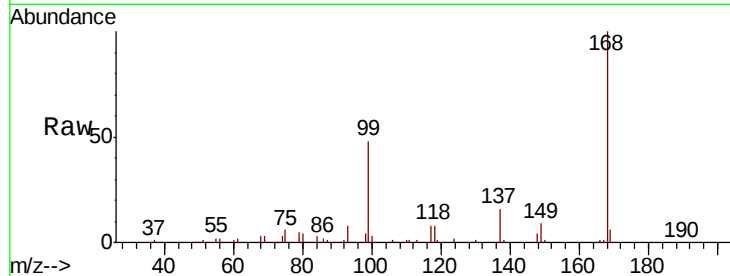
PB117063TB

Tot Ion:168 Resp: 677814

Ion Ratio Lower Upper

168 100

99 47.8 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

250000

200000

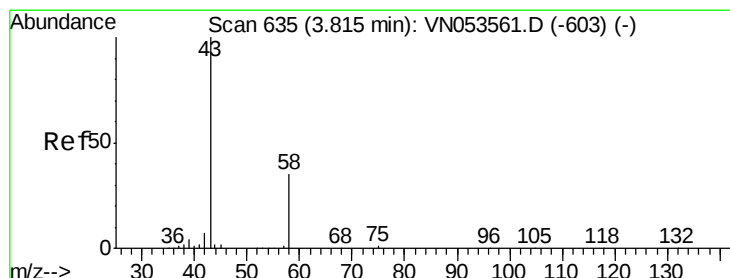
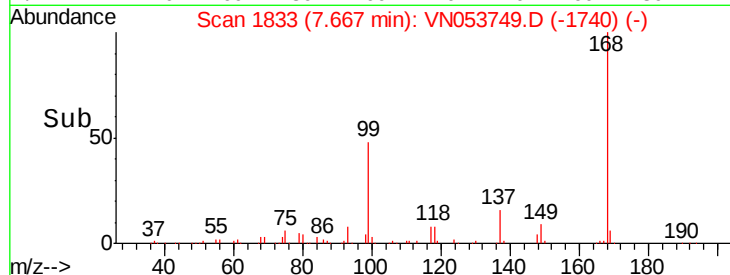
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 7.594 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN053749.D

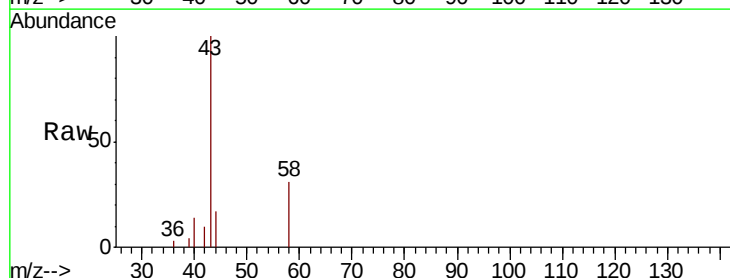
Acq: 13 Feb 2019 12:34

Tgt Ion: 43 Resp: 13246

Ion Ratio Lower Upper

43 100

58 30.7 27.1 40.7



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.82

5000

4000

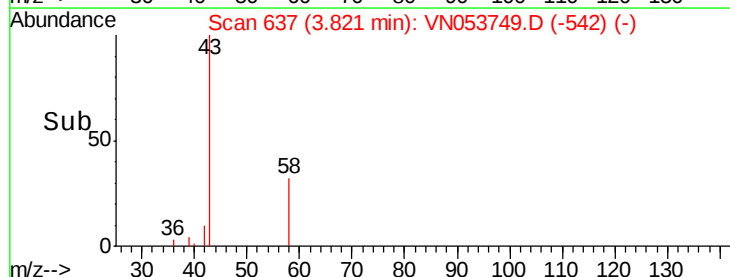
3000

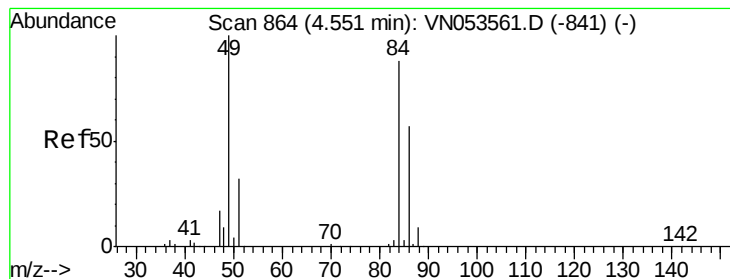
2000

1000

0

Time-->





#20

Methvlene Chloride

Concen: 1.835 ug/l

RT: 4.55 min Scan# 864

Delta R.T. 0.00 min

Lab File: VN053749.D

Acq: 13 Feb 2019 12:34

Instrument :

MSVOA_N

ClientSampleId :

PB117063TB

Tot Ion: 84 Resp: 13430

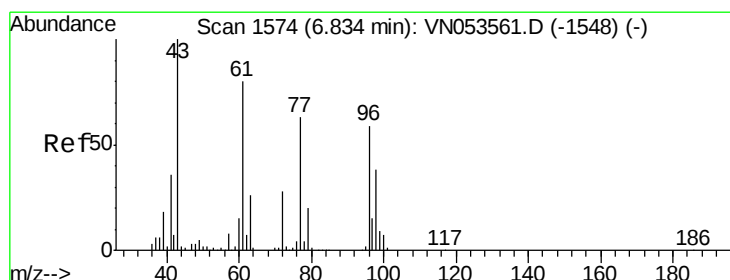
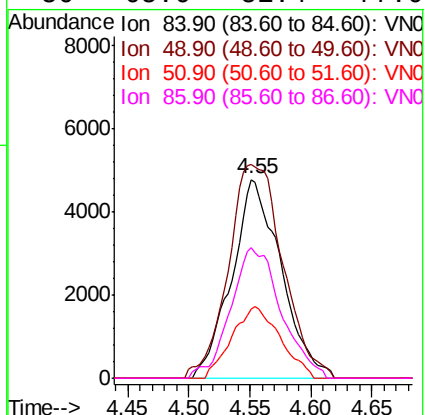
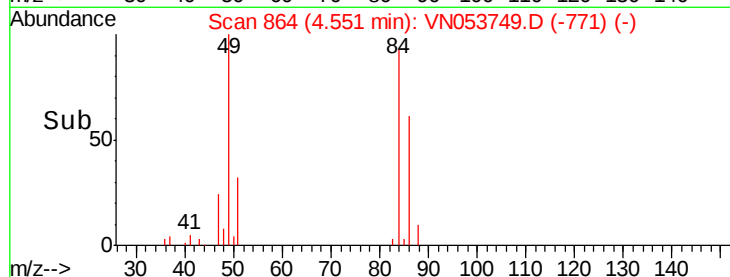
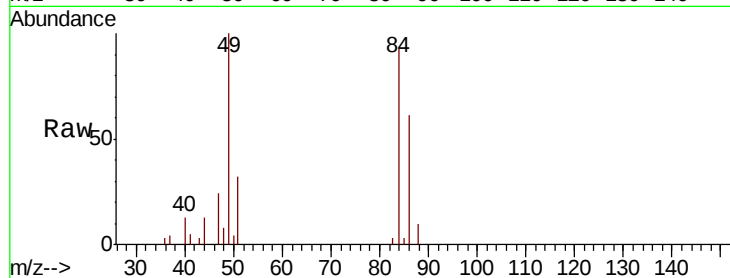
Ion Ratio Lower Upper

84 100

49 107.5 94.3 141.5

51 34.9 29.4 44.2

86 65.6 51.4 77.0



#25

2-Butanone

Concen: 1.949 ug/l

RT: 6.85 min Scan# 1578

Delta R.T. 0.01 min

Lab File: VN053749.D

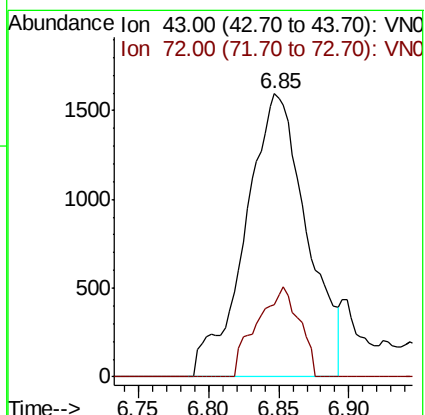
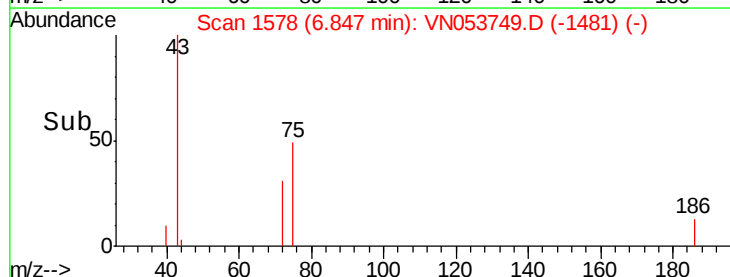
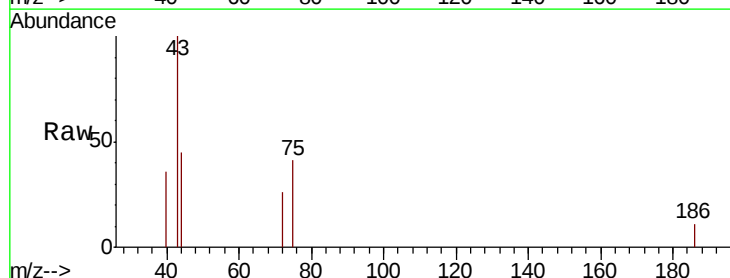
Acq: 13 Feb 2019 12:34

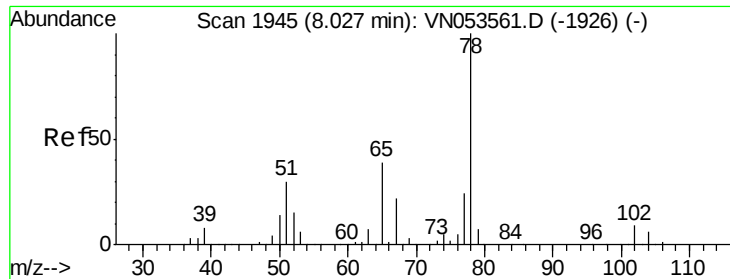
Tgt Ion: 43 Resp: 4848

Ion Ratio Lower Upper

43 100

72 25.5 22.0 33.0

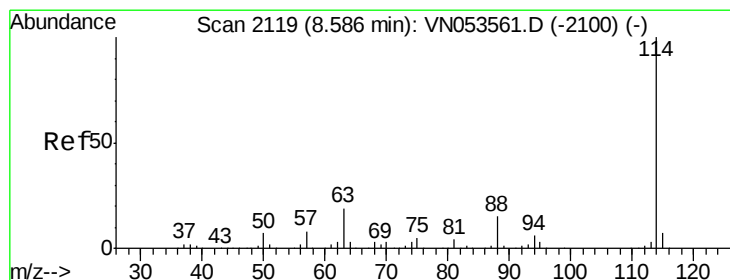
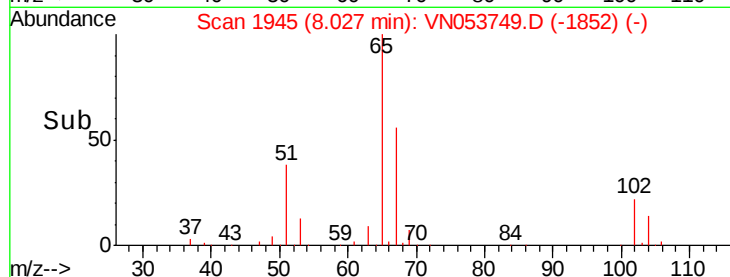
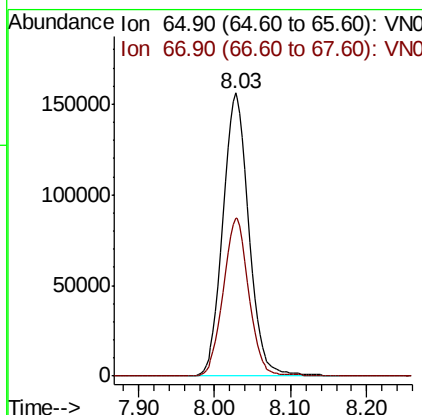
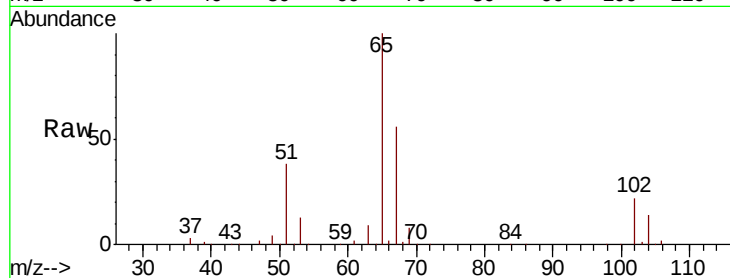




#33
 1,2-Dichloroethane-d4
 Concen: 54.924 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN053749.D
 Acq: 13 Feb 2019 12:34

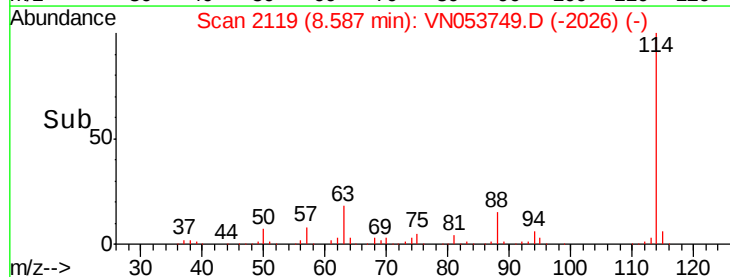
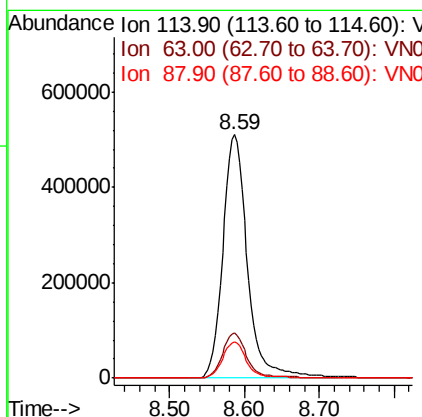
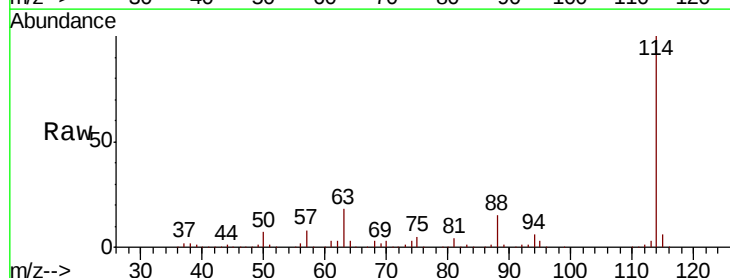
Instrument :
 MSVOA_N
 ClientSampleId :
 PB117063TB

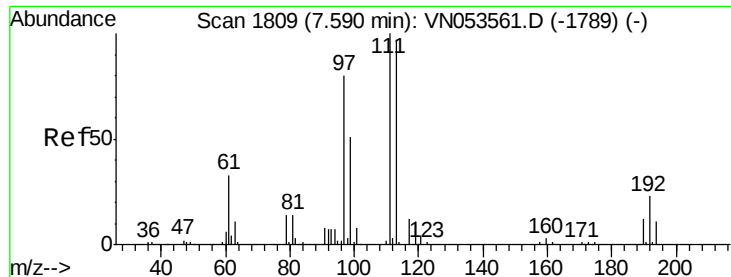
Tot Ion: 65 Resp: 373472
 Ion Ratio Lower Upper
 65 100
 67 54.8 0.0 111.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053749.D
 Acq: 13 Feb 2019 12:34

Tgt Ion: 114 Resp: 1159114
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 38.6
 88 14.9 0.0 30.4

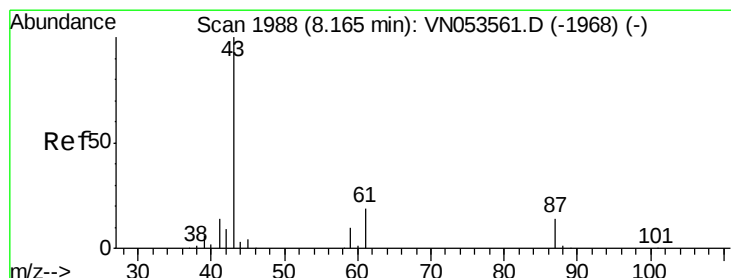
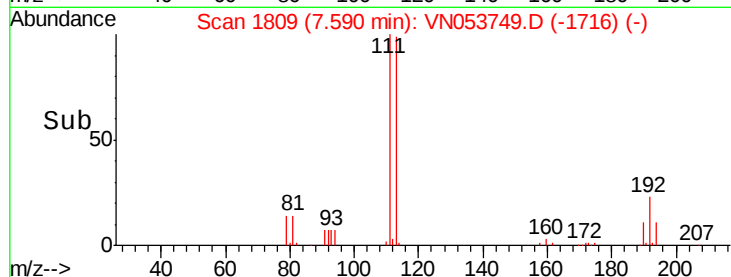
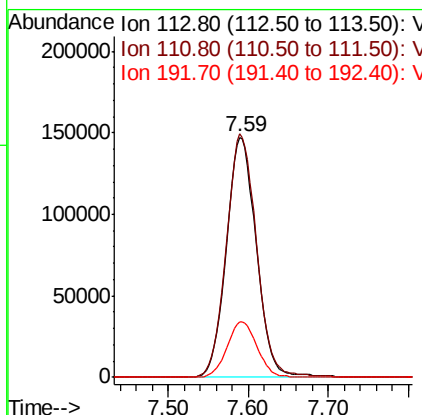
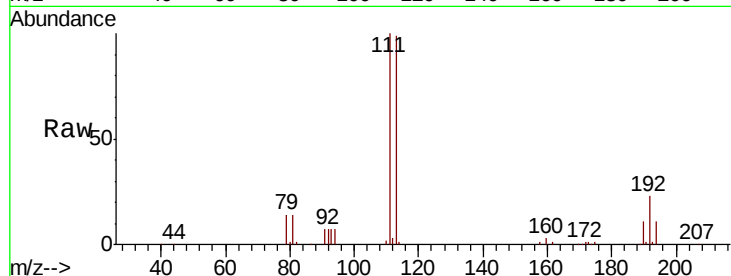




#35
 Dibromofluoromethane
 Concen: 51.279 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN053749.D
 Acq: 13 Feb 2019 12:34

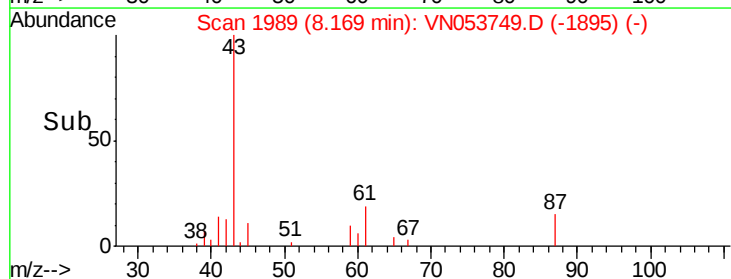
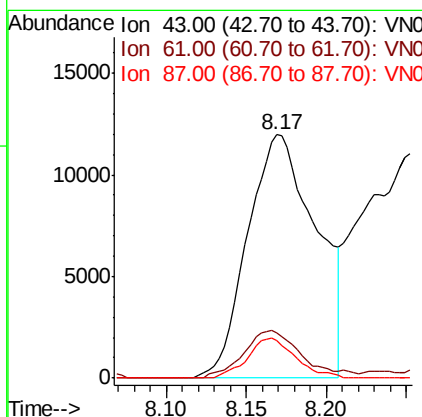
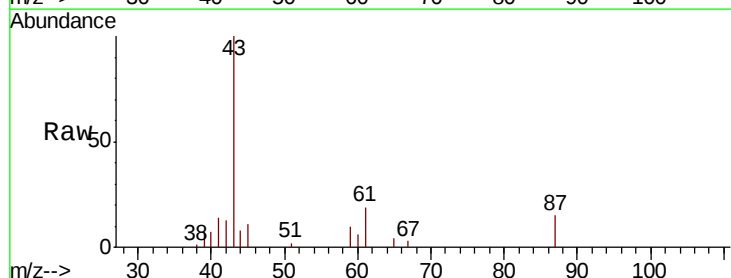
Instrument :
 MSVOA_N
 ClientSampleId :
 PB117063TB

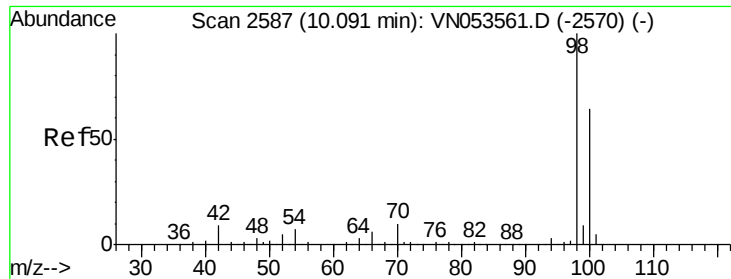
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.1	81.1	121.7
192	23.2	18.2	27.2



#43
 Isopropyl Acetate
 Concen: 3.155 ug/l
 RT: 8.17 min Scan# 1989
 Delta R.T. 0.00 min
 Lab File: VN053749.D
 Acq: 13 Feb 2019 12:34

Tgt Ion	Ratio	Lower	Upper
43	100		
61	16.6	23.9	35.9#
87	11.5	11.0	16.6





#50

Toluene-d8

Concen: 51.515 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053749.D

Acq: 13 Feb 2019 12:34

Instrument :

MSVOA_N

ClientSampleId :

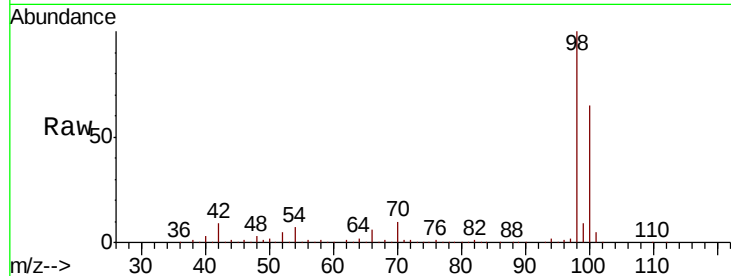
PB117063TB

Tot Ion: 98 Resp: 1416686

Ion Ratio Lower Upper

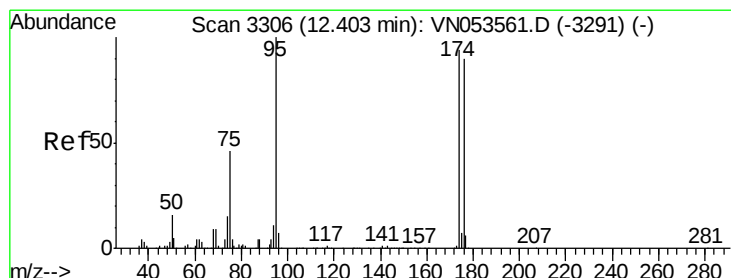
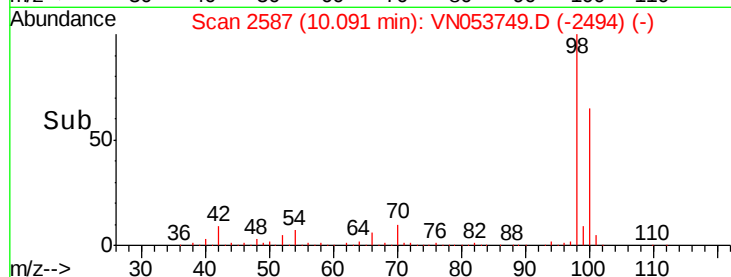
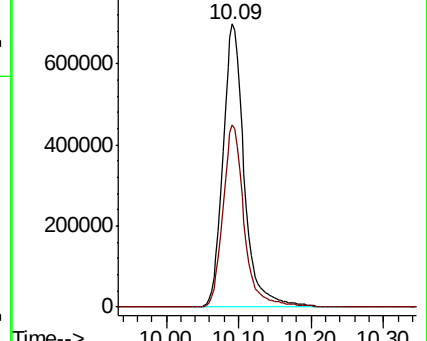
98 100

100 64.1 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: 50.144 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN053749.D

Acq: 13 Feb 2019 12:34

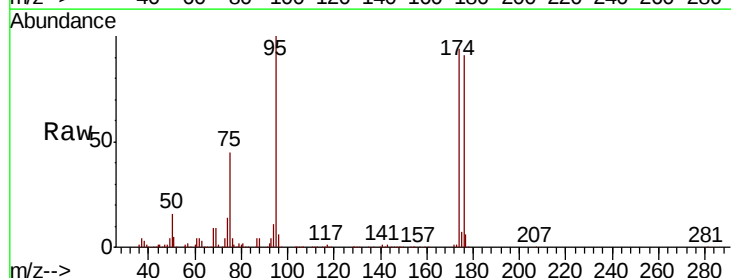
Tgt Ion: 95 Resp: 459914

Ion Ratio Lower Upper

95 100

174 94.0 0.0 183.2

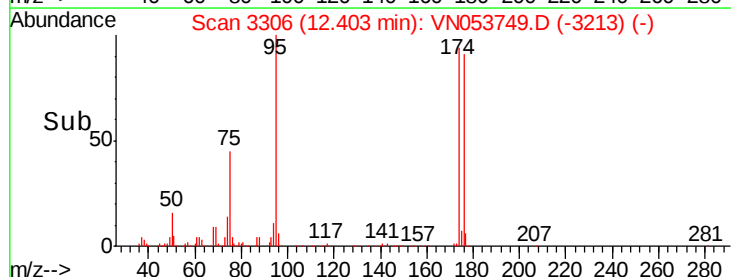
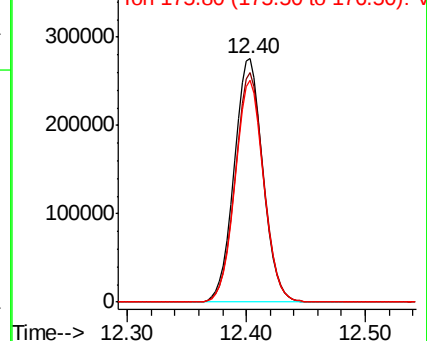
176 90.8 0.0 177.4

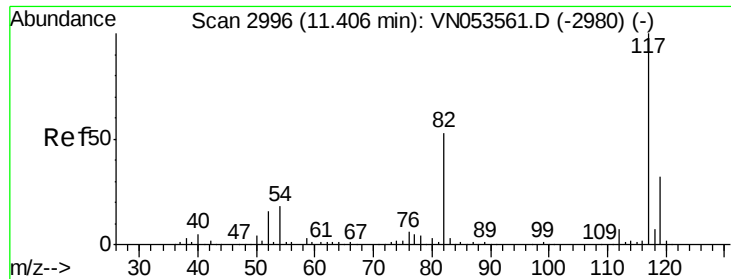


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

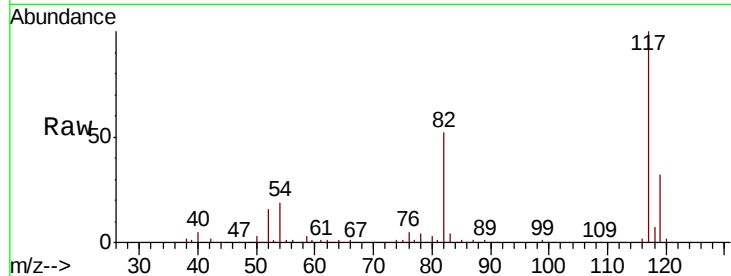




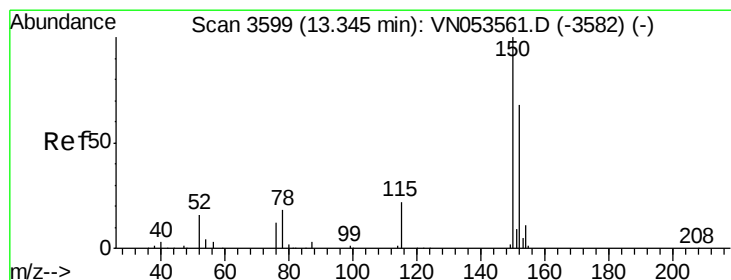
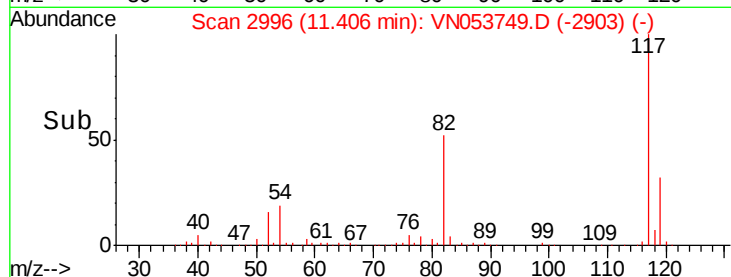
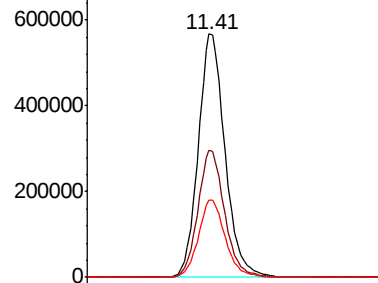
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN053749.D
Acq: 13 Feb 2019 12:34

Instrument :
MSVOA_N
ClientSampleId :
PB117063TB

Tot Ion:117 Resp: 1075585
Ion Ratio Lower Upper
117 100
82 52.2 42.9 64.3
119 31.9 26.0 39.0

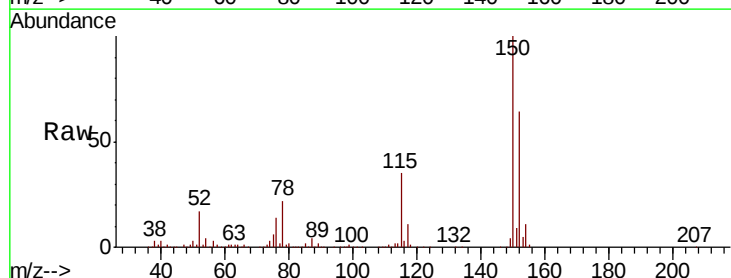


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

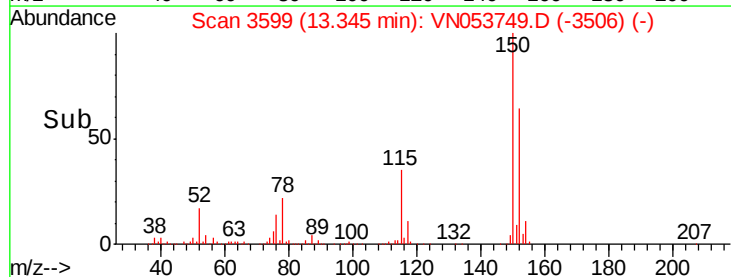
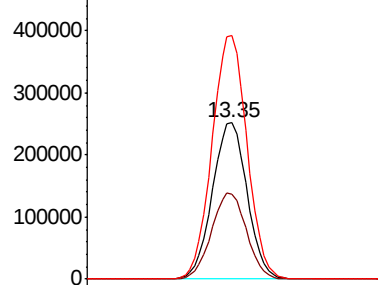


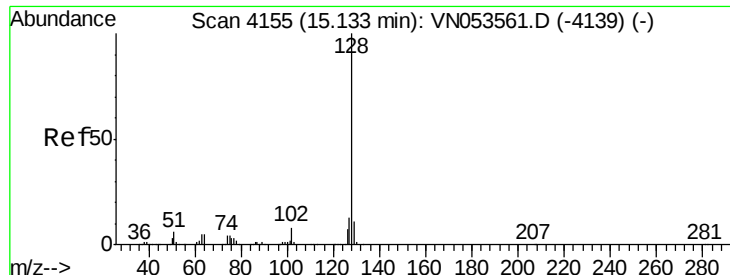
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN053749.D
Acq: 13 Feb 2019 12:34

Tgt Ion:152 Resp: 420406
Ion Ratio Lower Upper
152 100
115 55.3 27.8 83.4
150 156.2 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: 1.933 ug/l

RT: 15.14 min Scan# 4157

Delta R.T. 0.01 min

Lab File: VN053749.D

Acq: 13 Feb 2019 12:34

Instrument :

MSVOA_N

ClientSampleId :

PB117063TB

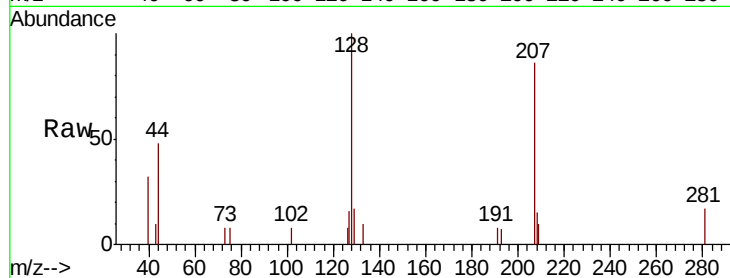
Tot Ion:128 Resp: 3768

Ion Ratio Lower Upper

128 100

127 13.1 10.3 15.5

129 7.0 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

