

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021219\
 Data File : VN053737.D
 Acq On : 12 Feb 2019 18:14
 Operator : JC/SP
 Sample : K1462-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-1-S

Quant Time: Feb 13 05:59:01 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

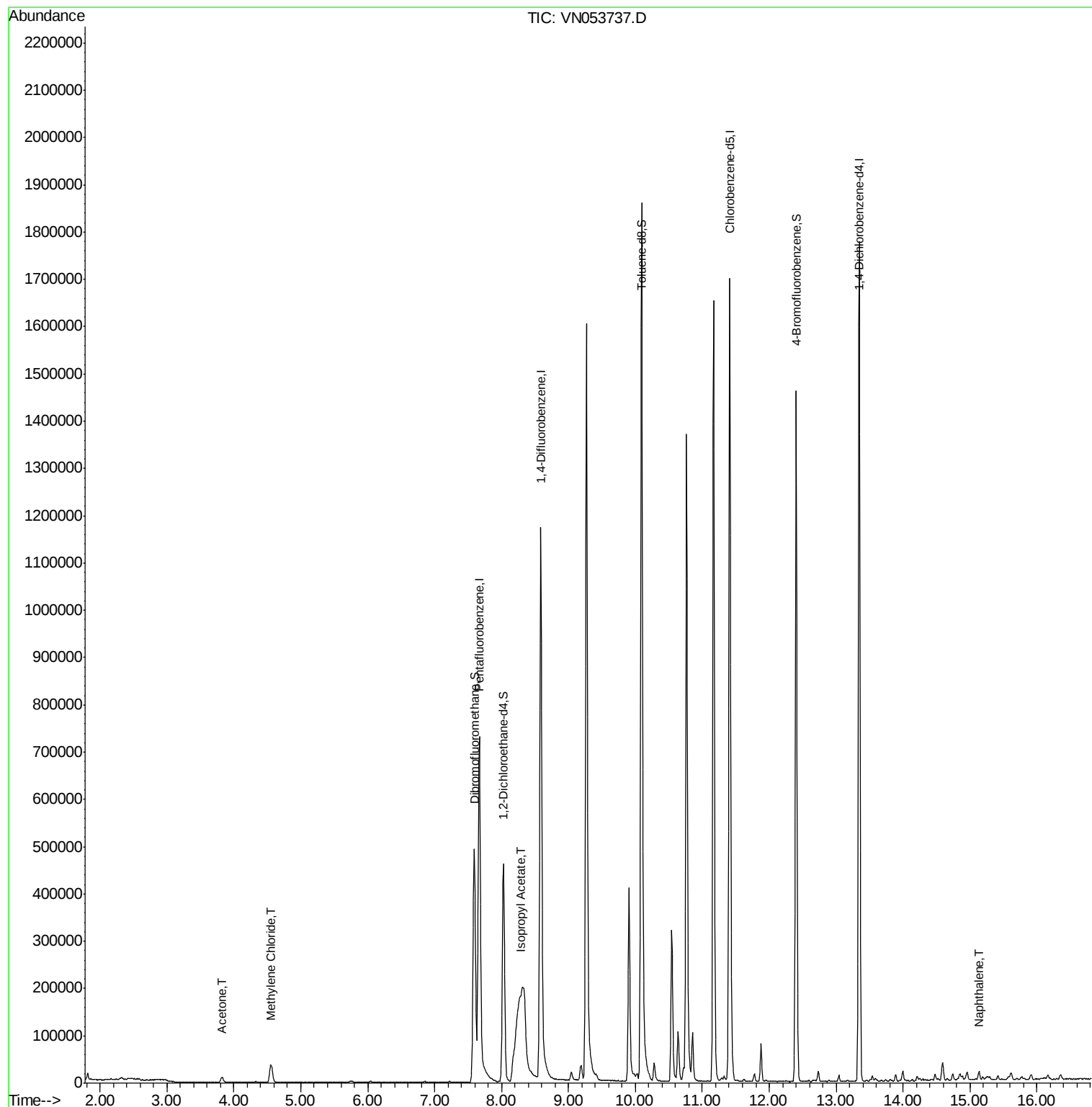
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	744000	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1243787	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1153513	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	509294	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	393410	52.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.42%	
35) Dibromofluoromethane	7.59	113	389404	49.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.10%	
50) Toluene-d8	10.09	98	1503990	50.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.94%	
62) 4-Bromofluorobenzene	12.40	95	509937	51.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.62%	
Target Compounds						
16) Acetone	3.82	43	19260	10.060	ug/l	96
20) Methylene Chloride	4.55	84	29837	3.715	ug/l	95
43) Isopropyl Acetate	8.27	43	326941	27.035	ug/l #	51
95) Naphthalene	15.13	128	17395	2.487	ug/l	98

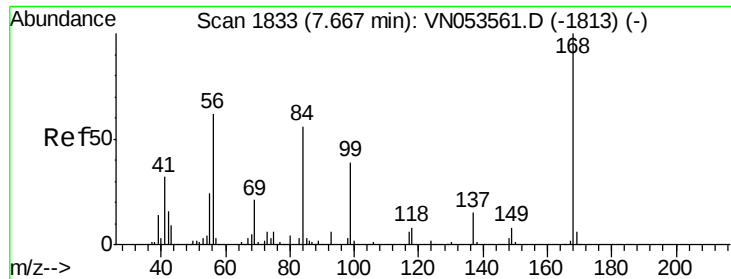
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN021219\
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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: VN053737.D

Acq: 12 Feb 2019 18:14

Instrument :

MSVOA_N

ClientSampleId :

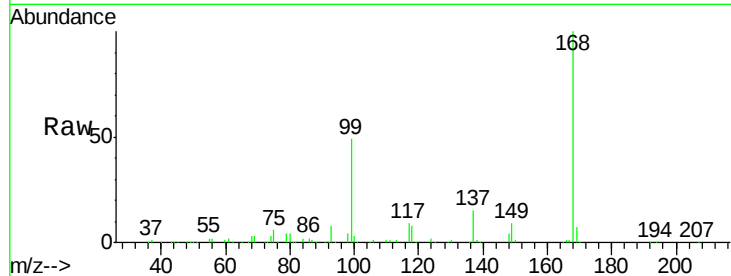
TP-1-S

Tot Ion:168 Resp: 744000

Ion Ratio Lower Upper

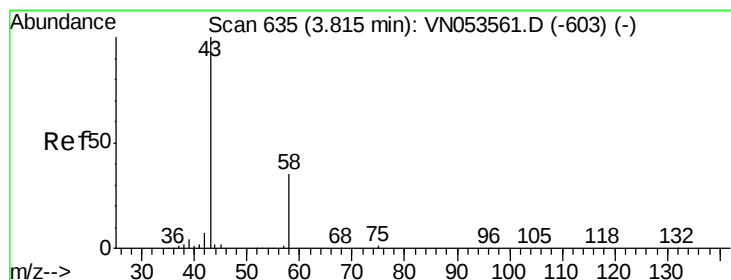
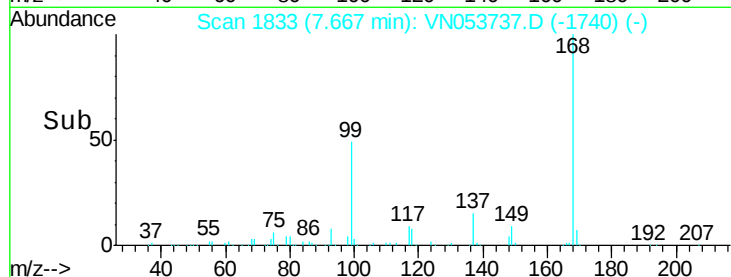
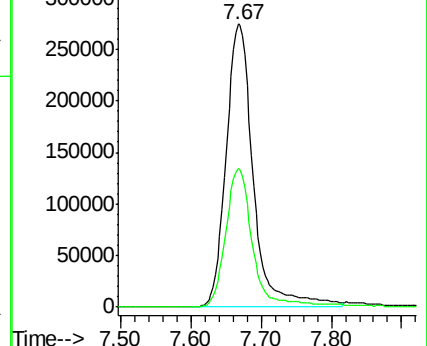
168 100

99 48.9 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: 10.060 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN053737.D

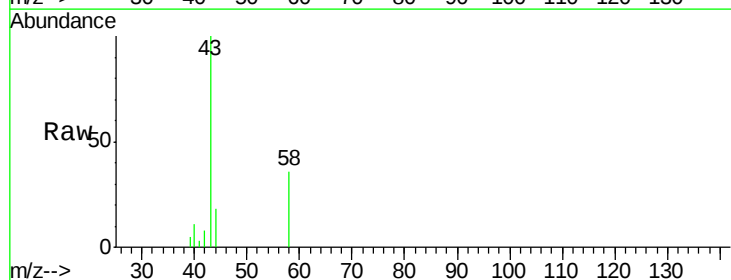
Acq: 12 Feb 2019 18:14

Tgt Ion: 43 Resp: 19260

Ion Ratio Lower Upper

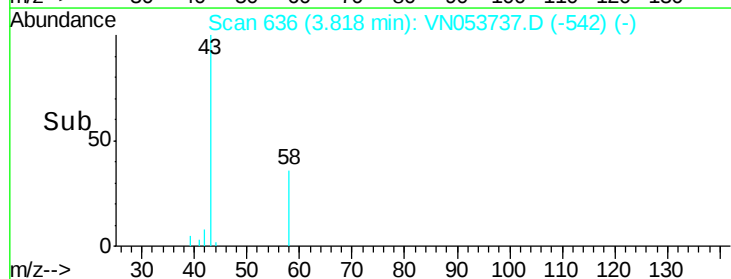
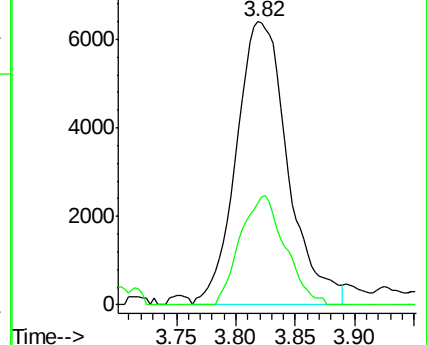
43 100

58 36.1 27.1 40.7



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

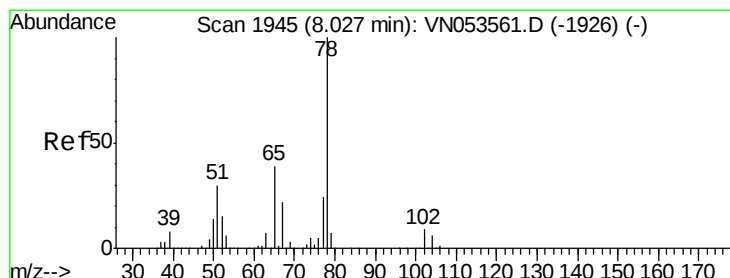
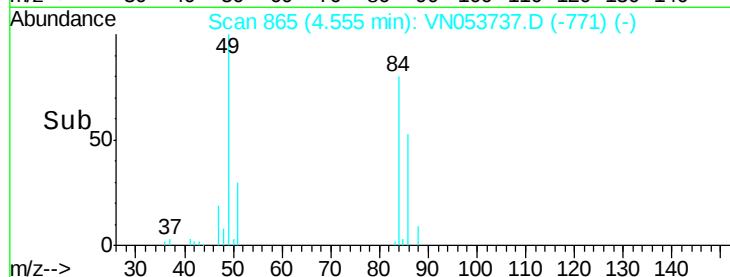
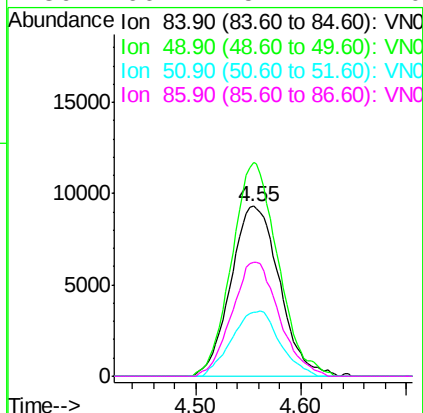
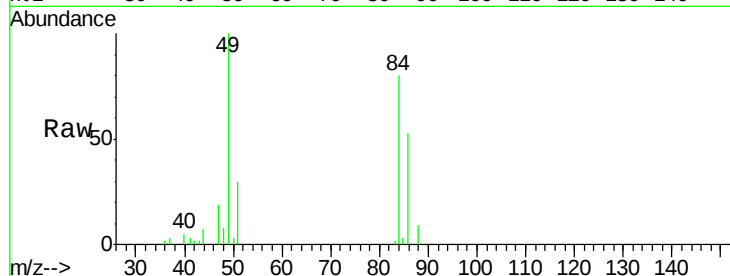




#20
Methvlene Chloride
Concen: 3.715 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN053737.D
Acq: 12 Feb 2019 18:14

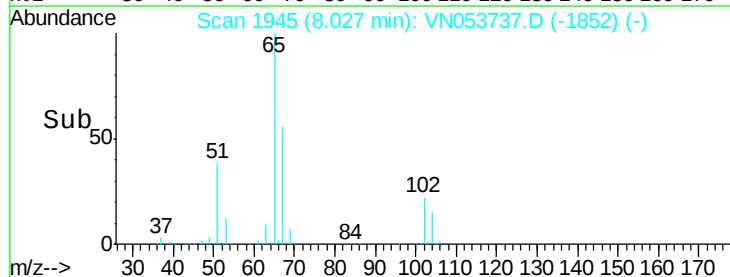
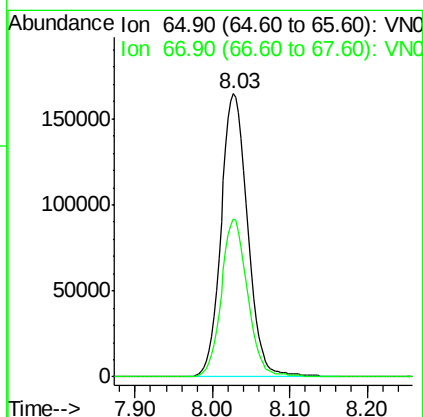
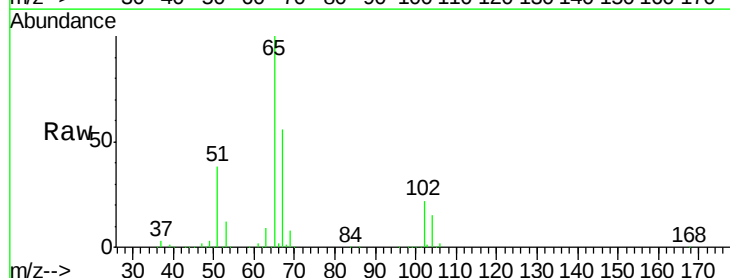
Instrument :
MSVOA_N
ClientSampleId :
TP-1-S

Tot Ion:	84	Resp:	29837
Ion	Ratio	Lower	Upper
84	100		
49	125.5	94.3	141.5
51	37.4	29.4	44.2
86	66.7	51.4	77.0



#33
1,2-Dichloroethane-d4
Concen: 52.709 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN053737.D
Acq: 12 Feb 2019 18:14

Tgt Ion:	65	Resp:	393410
Ion	Ratio	Lower	Upper
65	100		
67	54.9	0.0	111.2

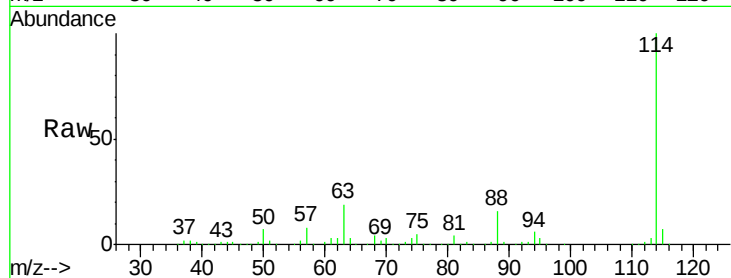




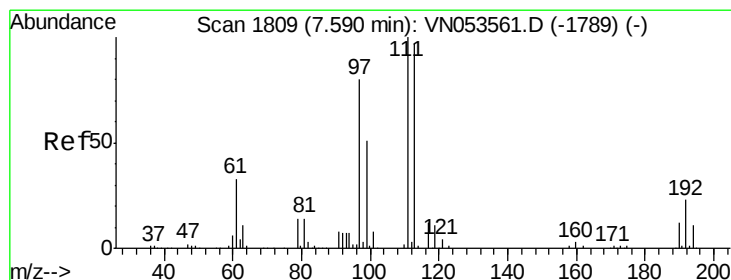
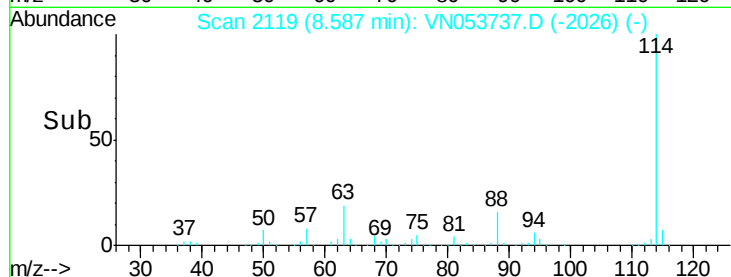
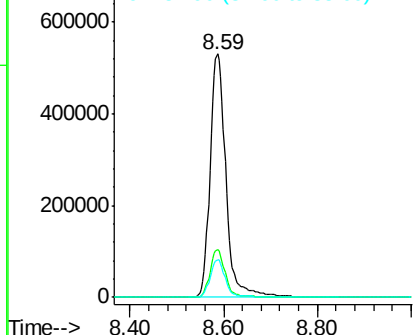
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053737.D
 Acq: 12 Feb 2019 18:14

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-1-S

Tot Ion:114 Resp: 1243787
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 38.6
 88 15.5 0.0 30.4

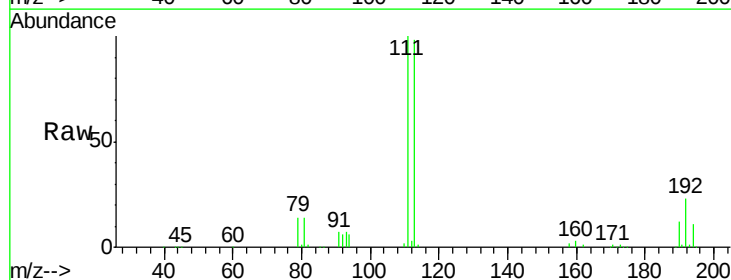


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

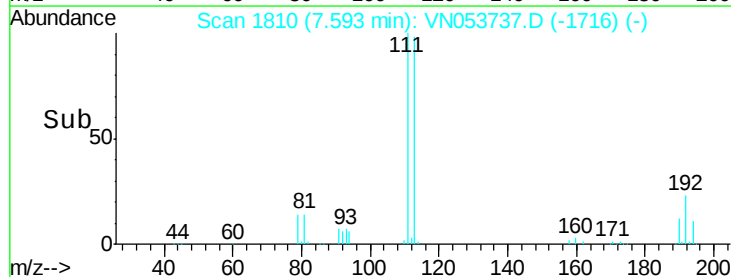
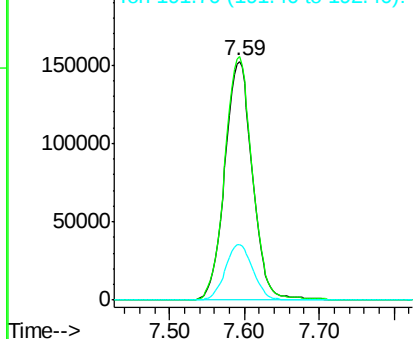


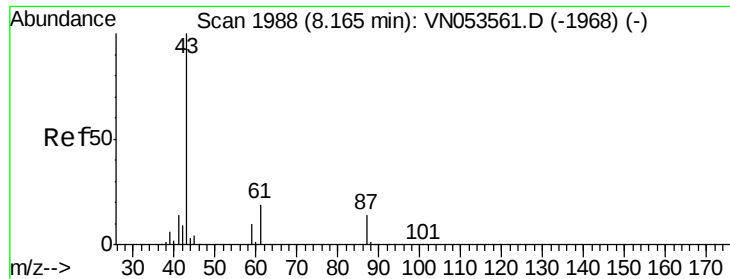
#35
 Dibromofluoromethane
 Concen: 49.548 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN053737.D
 Acq: 12 Feb 2019 18:14

Tgt Ion:113 Resp: 389404
 Ion Ratio Lower Upper
 113 100
 111 101.9 81.1 121.7
 192 23.2 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



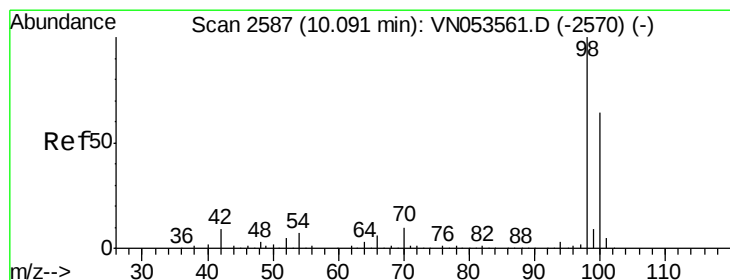
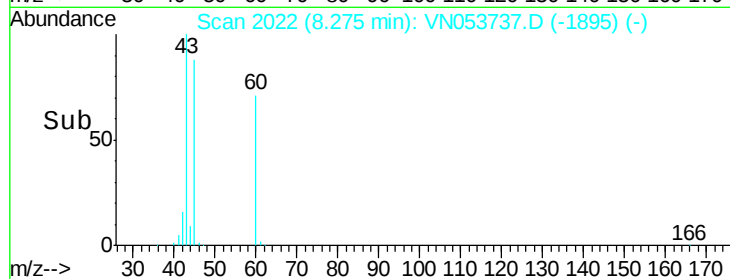
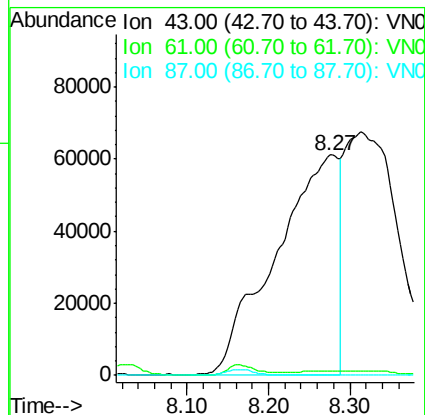
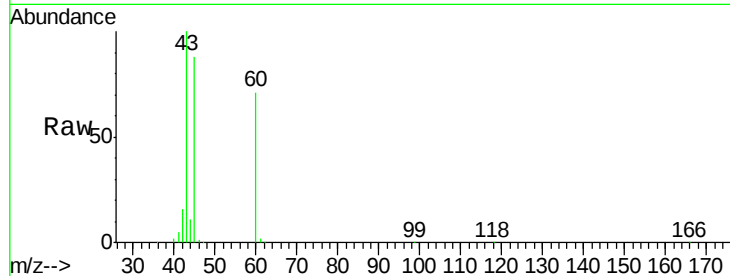


#43

Isopropyl Acetate
 Concen: 27.035 ug/l
 RT: 8.27 min Scan# 2022
 Delta R.T. 0.11 min
 Lab File: VN053737.D
 Acq: 12 Feb 2019 18:14

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-1-S

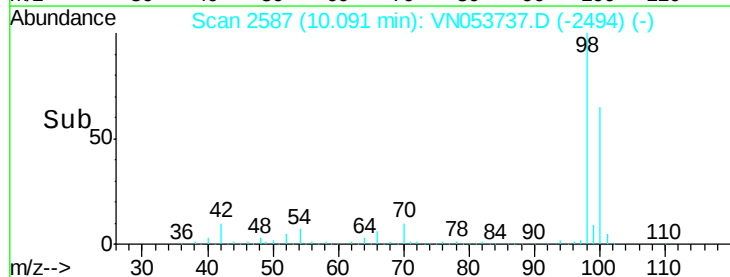
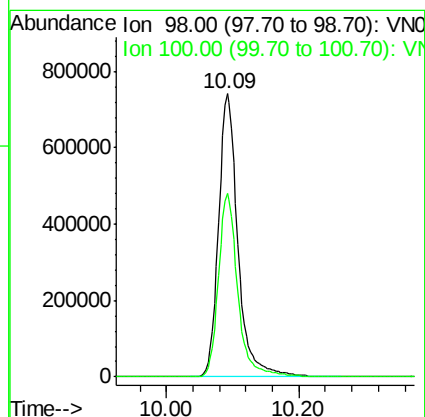
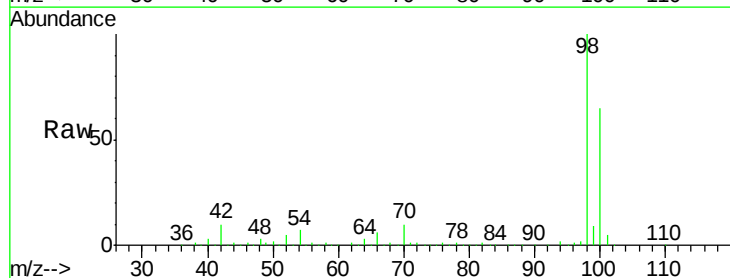
Tot Ion: 43 Resp: 326941
 Ion Ratio Lower Upper
 43 100
 61 0.0 23.9 35.9#
 87 0.0 11.0 16.6#

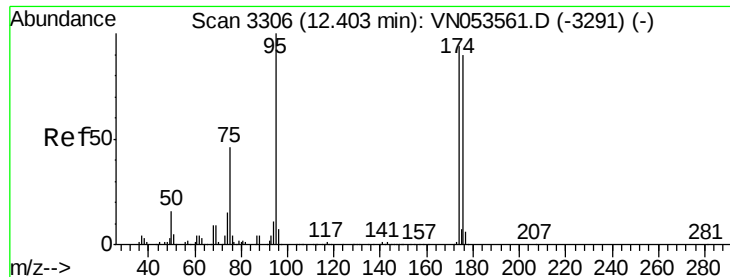


#50

Toluene-d8
 Concen: 50.966 ug/l
 RT: 10.09 min Scan# 2587
 Delta R.T. 0.00 min
 Lab File: VN053737.D
 Acq: 12 Feb 2019 18:14

Tgt Ion: 98 Resp: 1503990
 Ion Ratio Lower Upper
 98 100
 100 64.7 51.4 77.0





#62

4-Bromofluorobenzene

Concen: 51.813 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN053737.D

Acq: 12 Feb 2019 18:14

Instrument :

MSVOA_N

ClientSampleId :

TP-1-S

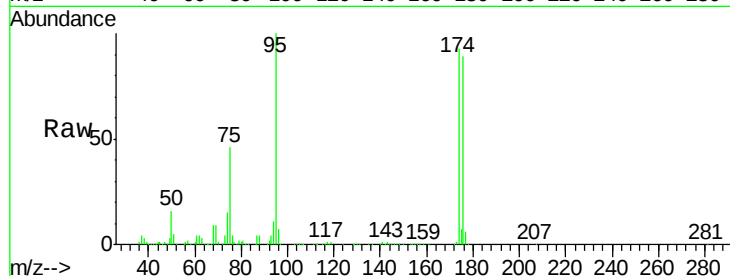
Tot Ion: 95 Resp: 509937

Ion Ratio Lower Upper

95 100

174 93.5 0.0 183.2

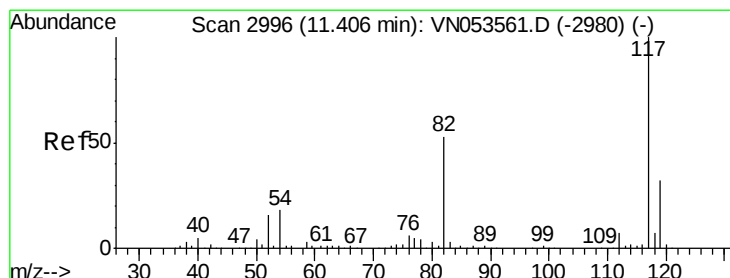
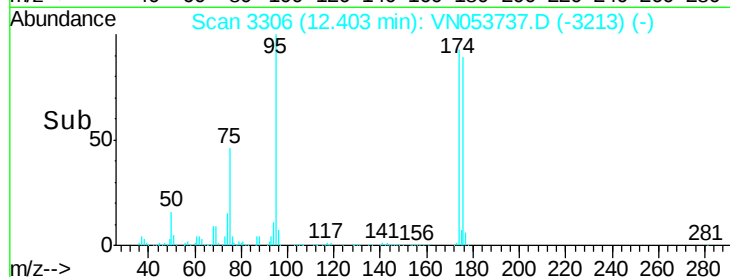
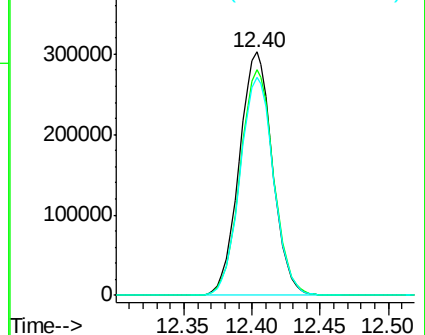
176 90.7 0.0 177.4



Abundance Ion 94.90 (94.60 to 95.60): VN053737.D (-3213) (-)

Ion 173.80 (173.50 to 174.50): VN053737.D (-3213) (-)

Ion 175.80 (175.50 to 176.50): VN053737.D (-3213) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN053737.D

Acq: 12 Feb 2019 18:14

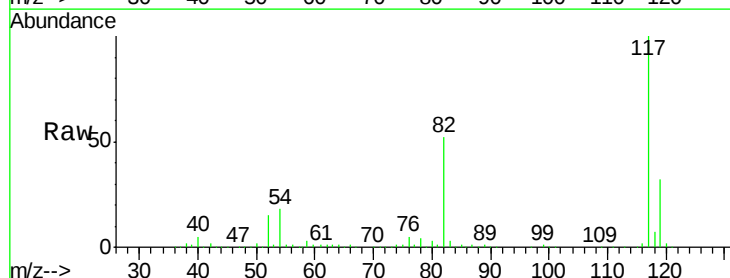
Tgt Ion: 117 Resp: 1153513

Ion Ratio Lower Upper

117 100

82 51.8 42.9 64.3

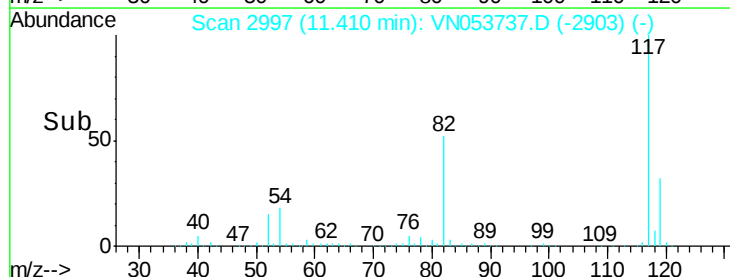
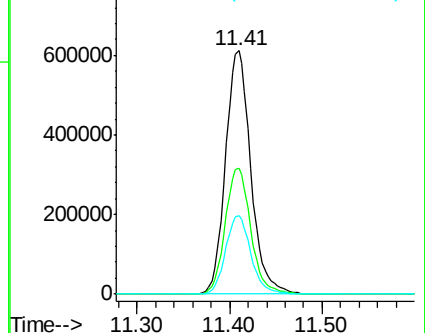
119 32.0 26.0 39.0

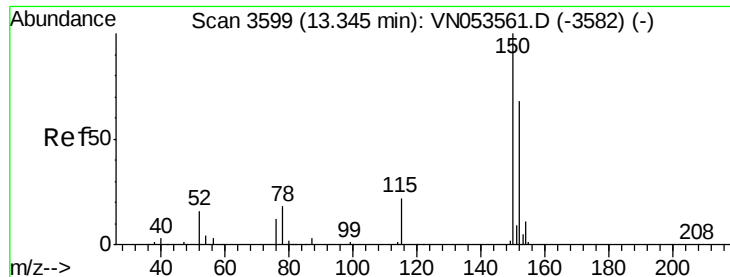


Abundance Ion 116.90 (116.60 to 117.60): VN053737.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN053737.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN053737.D (-2903) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN053737.D

Acq: 12 Feb 2019 18:14

Instrument :

MSVOA_N

ClientSampleId :

TP-1-S

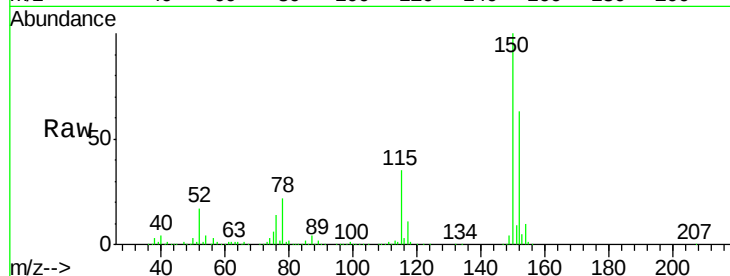
Tot Ion:152 Resp: 509294

Ion Ratio Lower Upper

152 100

115 55.2 27.8 83.4

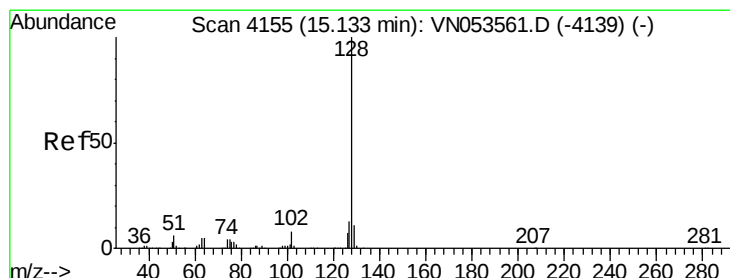
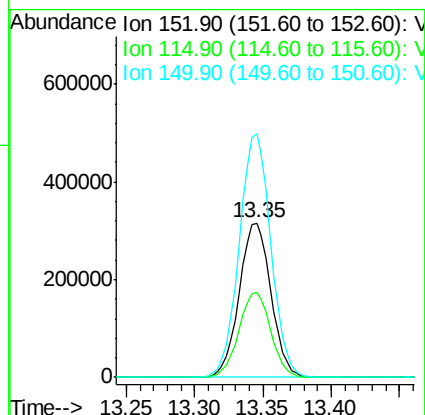
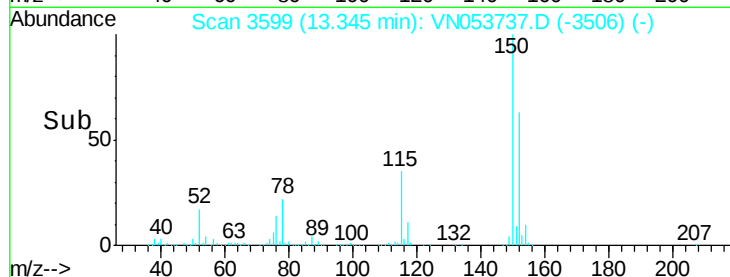
150 157.5 0.0 349.0



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: 2.487 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN053737.D

Acq: 12 Feb 2019 18:14

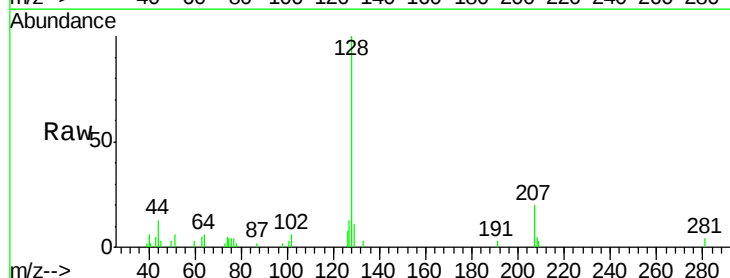
Tgt Ion:128 Resp: 17395

Ion Ratio Lower Upper

128 100

127 12.2 10.3 15.5

129 11.5 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

