

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092018\
 Data File : VN051357.D
 Acq On : 20 Sep 2018 22:36
 Operator : MD\SY
 Sample : J4778-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SA-01-091918

Quant Time: Sep 21 07:24:12 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092018W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 21 03:27:45 2018
 Response via : Initial Calibration

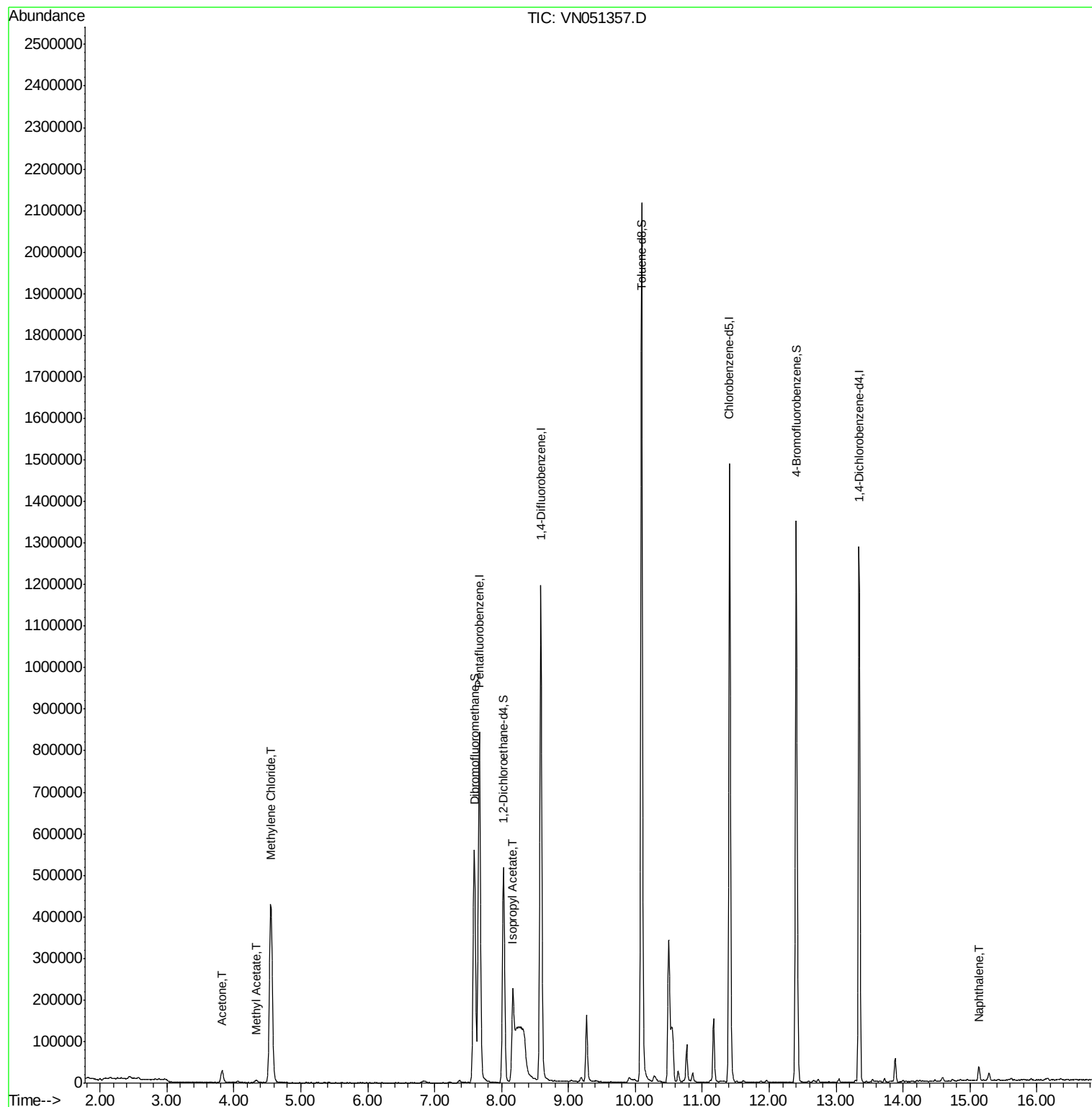
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	773611	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1164316	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	977727	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	393386	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	440793	52.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.14%	
35) Dibromofluoromethane	7.59	113	431860	45.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.80%	
50) Toluene-d8	10.09	98	1550468	42.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.72%	
62) 4-Bromofluorobenzene	12.40	95	433376	36.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	73.66%	
Target Compounds						
16) Acetone	3.82	43	49953	29.001	ug/l	99
18) Methyl Acetate	4.33	43	12469	2.107	ug/l #	85
20) Methylene Chloride	4.55	84	348883	40.479	ug/l	95
43) Isopropyl Acetate	8.17	43	285805	27.679	ug/l #	89
95) Naphthalene	15.13	128	30956	2.962	ug/l	98

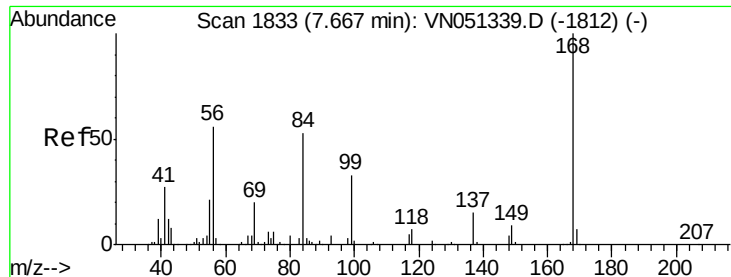
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN051357.D

Acq: 20 Sep 2018 22:36

Instrument :

MSVOA_N

ClientSampleId :

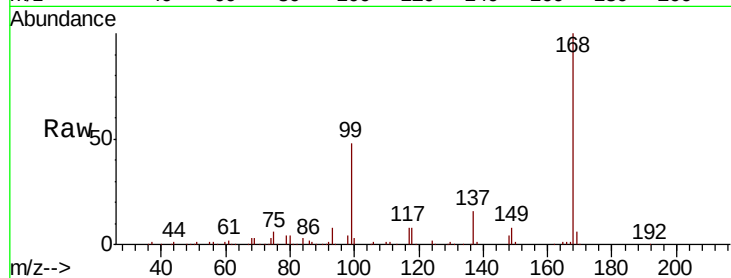
SA-01-091918

Tot Ion:168 Resp: 773611

Ion Ratio Lower Upper

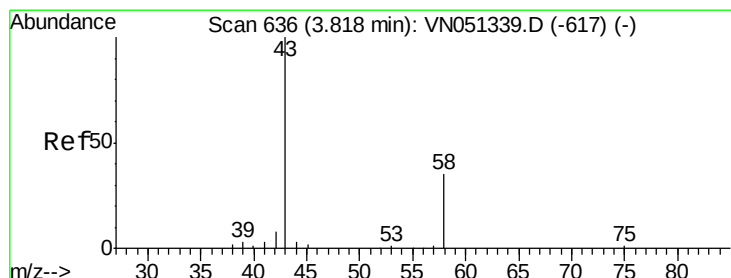
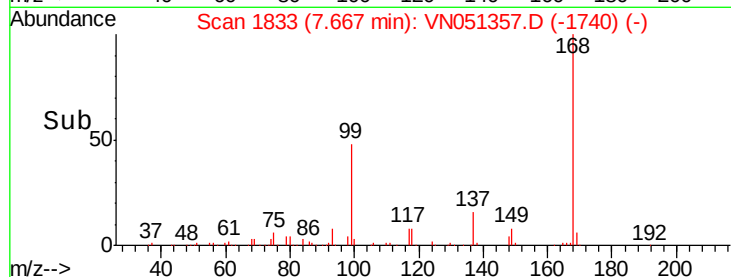
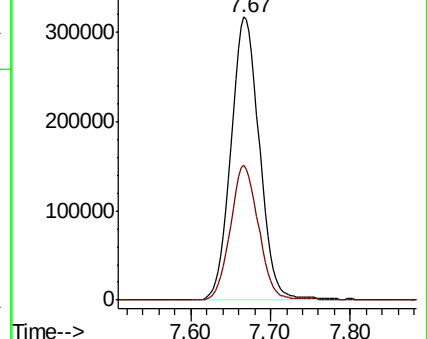
168 100

99 47.7 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#16

Acetone

Concen: 29.001 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN051357.D

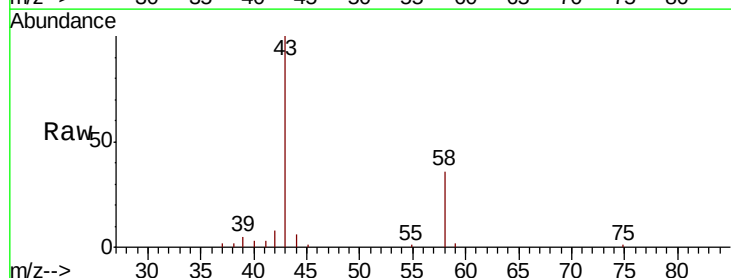
Acq: 20 Sep 2018 22:36

Tgt Ion: 43 Resp: 49953

Ion Ratio Lower Upper

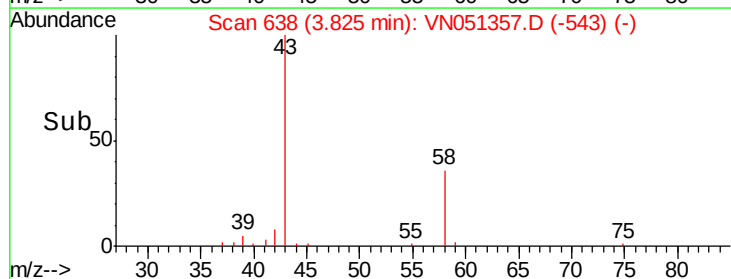
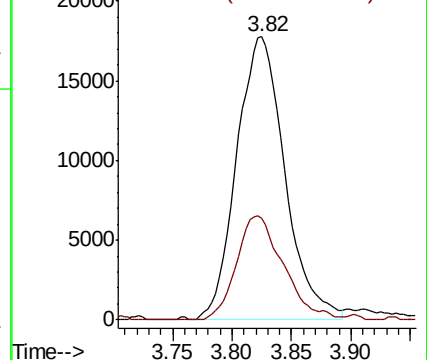
43 100

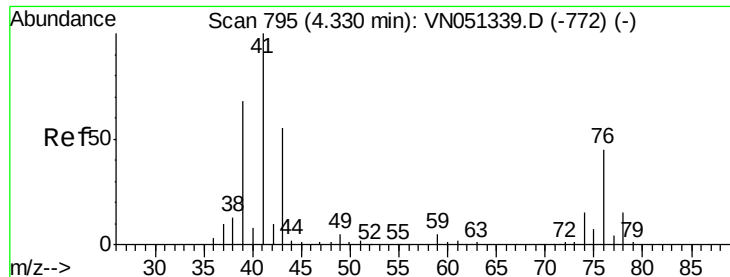
58 36.1 28.3 42.5



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

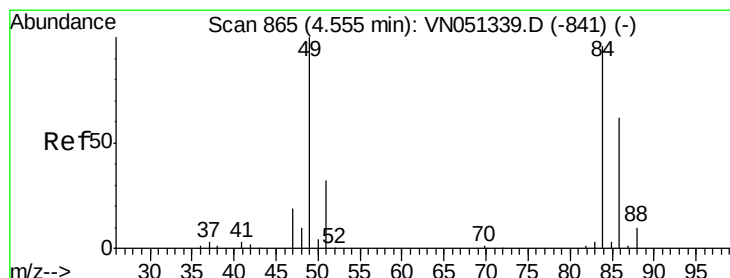
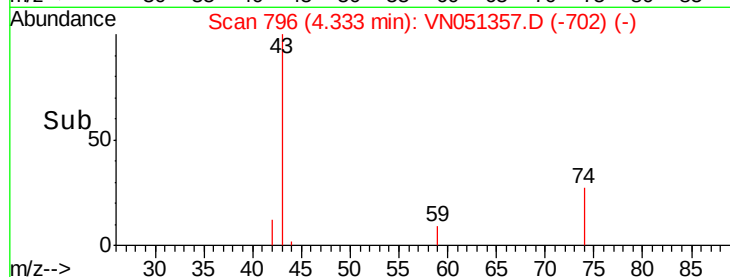
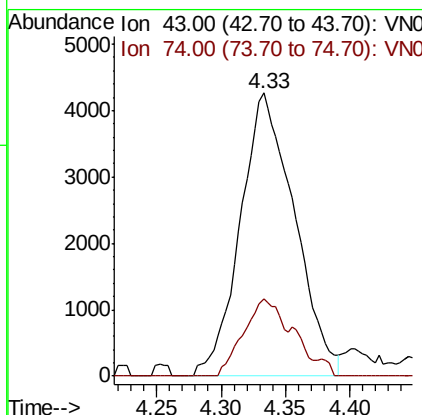
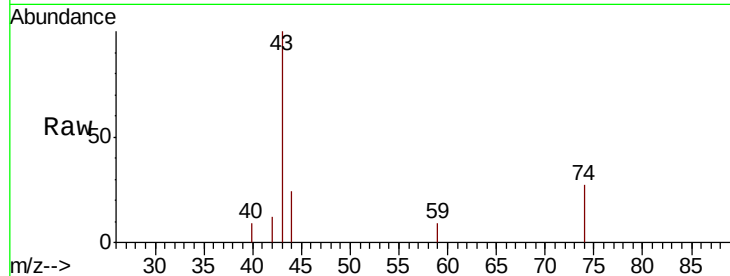




#18
Methvl Acetate
Concen: 2.107 ug/l
RT: 4.33 min Scan# 796
Delta R.T. 0.00 min
Lab File: VN051357.D
Acq: 20 Sep 2018 22:36

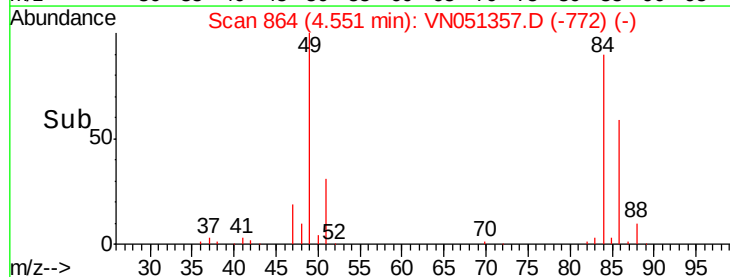
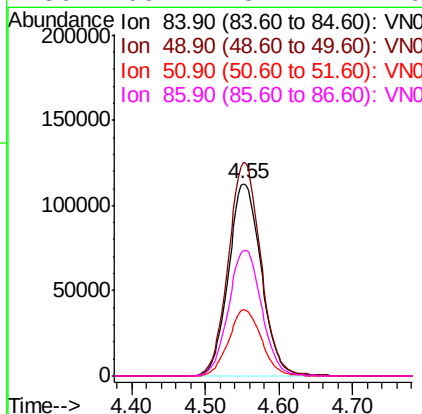
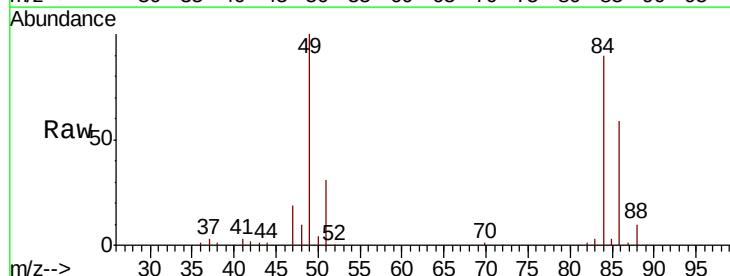
Instrument :
MSVOA_N
ClientSampleId :
SA-01-091918

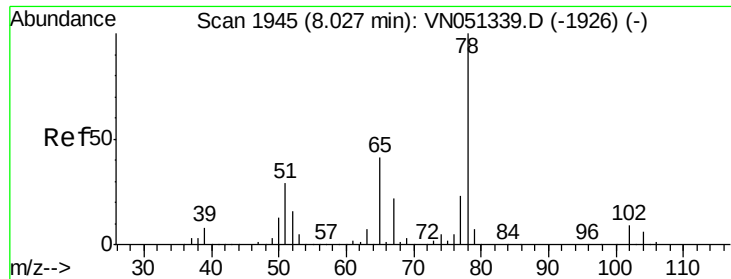
Tot Ion: 43 Resp: 12469
Ion Ratio Lower Upper
43 100
74 19.4 21.7 32.5#



#20
Methylene Chloride
Concen: 40.479 ug/l
RT: 4.55 min Scan# 864
Delta R.T. -0.00 min
Lab File: VN051357.D
Acq: 20 Sep 2018 22:36

Tgt Ion: 84 Resp: 348883
Ion Ratio Lower Upper
84 100
49 111.1 83.2 124.8
51 34.8 26.4 39.6
86 65.4 51.4 77.0

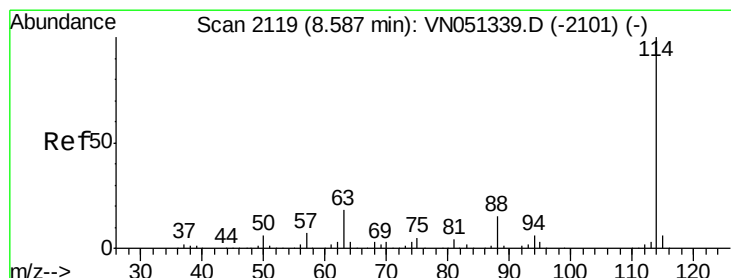
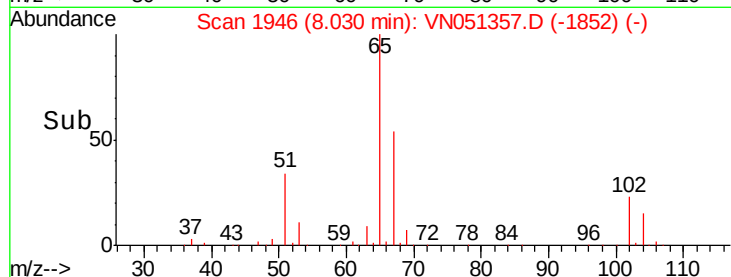
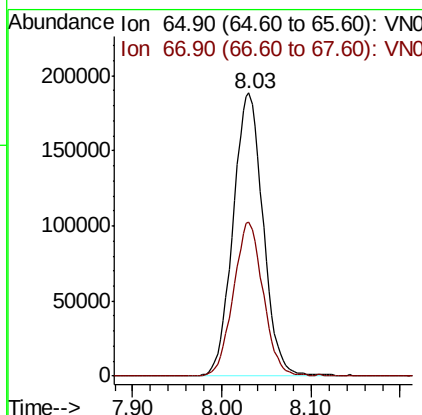
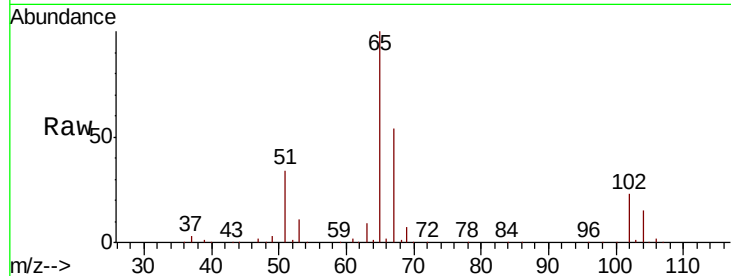




#33
 1,2-Dichloroethane-d4
 Concen: 52.570 ug/l
 RT: 8.03 min Scan# 1946
 Delta R.T. 0.00 min
 Lab File: VN051357.D
 Acq: 20 Sep 2018 22:36

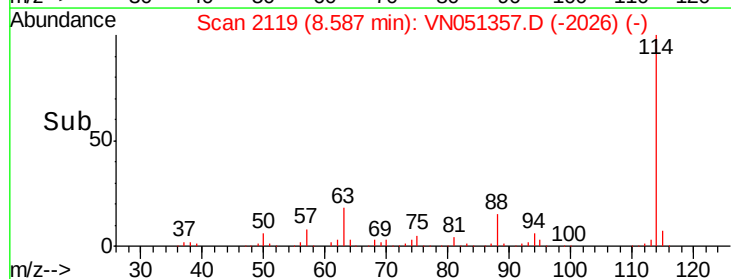
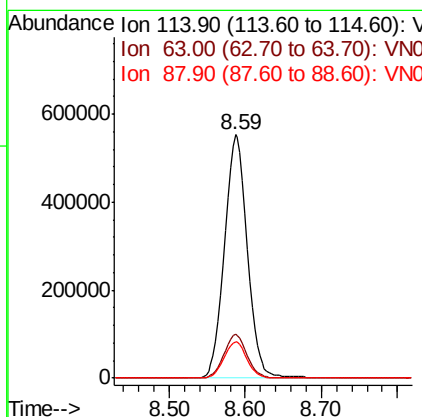
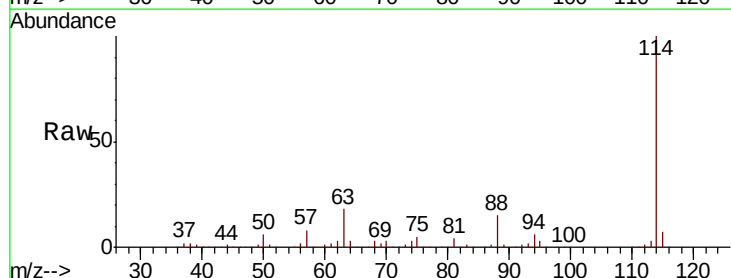
Instrument :
 MSVOA_N
 ClientSampleId :
 SA-01-091918

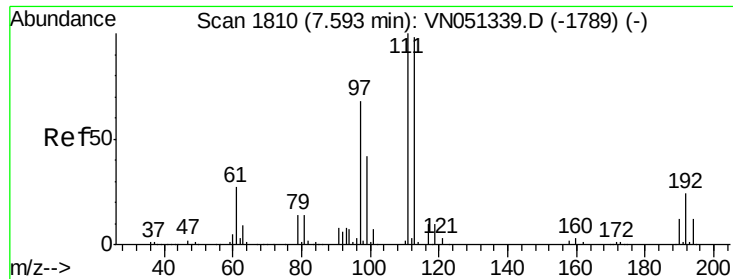
Tot Ion: 65 Resp: 440793
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 108.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN051357.D
 Acq: 20 Sep 2018 22:36

Tgt Ion: 114 Resp: 1164316
 Ion Ratio Lower Upper
 114 100
 63 18.0 0.0 36.6
 88 15.0 0.0 29.8





#35

Dibromofluoromethane

Concen: 45.898 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VN051357.D

Acq: 20 Sep 2018 22:36

Instrument :

MSVOA_N

ClientSampleId :

SA-01-091918

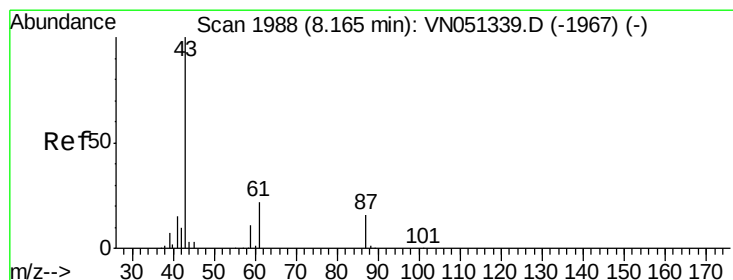
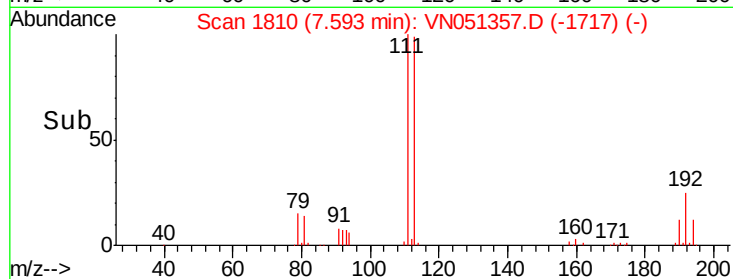
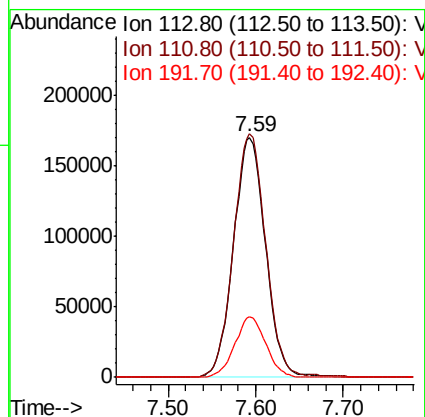
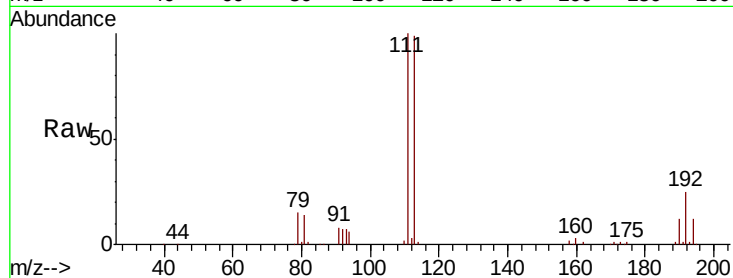
Tot Ion:113 Resp: 431860

Ion Ratio Lower Upper

113 100

111 101.6 81.9 122.9

192 24.6 19.8 29.6



#43

Isopropyl Acetate

Concen: 27.679 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN051357.D

Acq: 20 Sep 2018 22:36

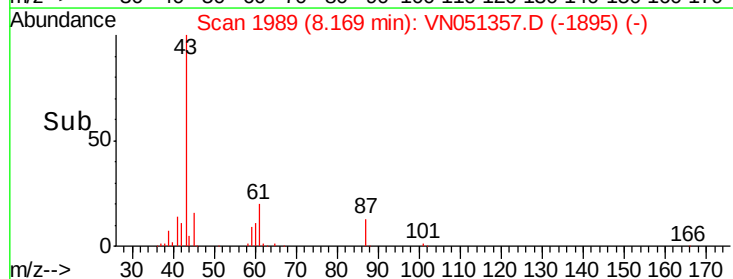
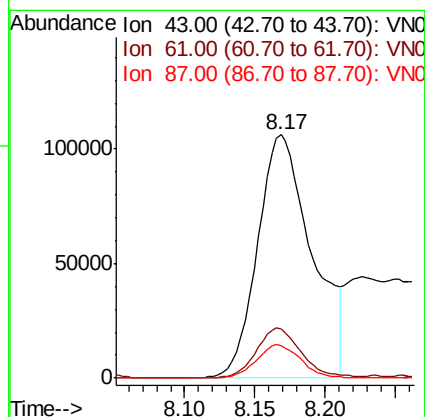
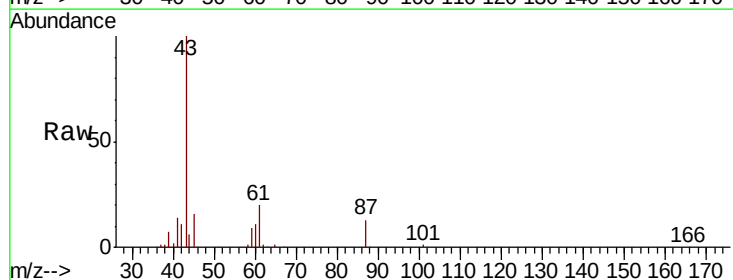
Tgt Ion: 43 Resp: 285805

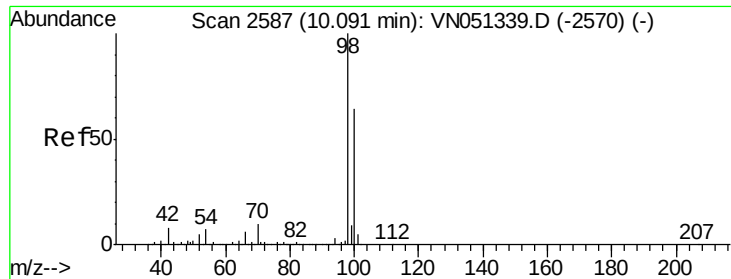
Ion Ratio Lower Upper

43 100

61 17.2 18.1 27.1#

87 11.2 12.8 19.2#





#50

Toluene-d8

Concen: 42.864 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN051357.D

Acq: 20 Sep 2018 22:36

Instrument :

MSVOA_N

ClientSampleId :

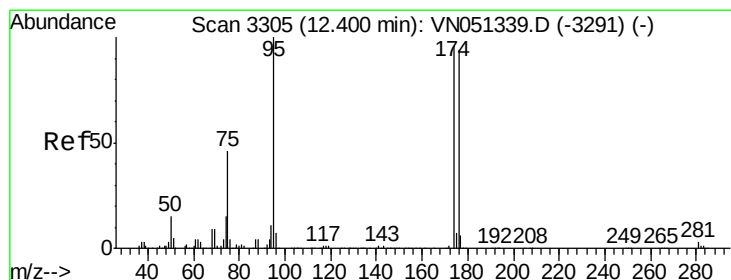
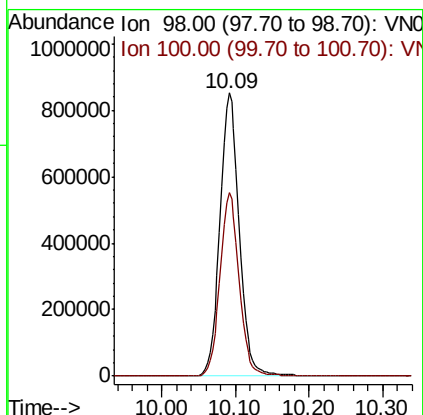
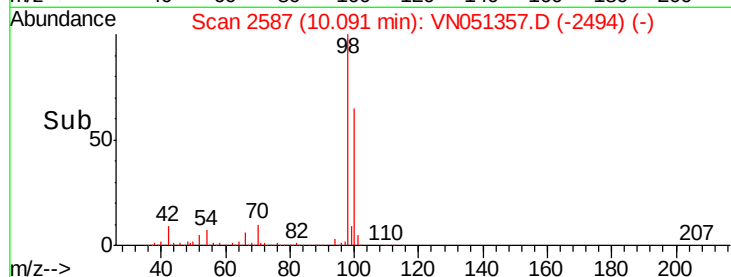
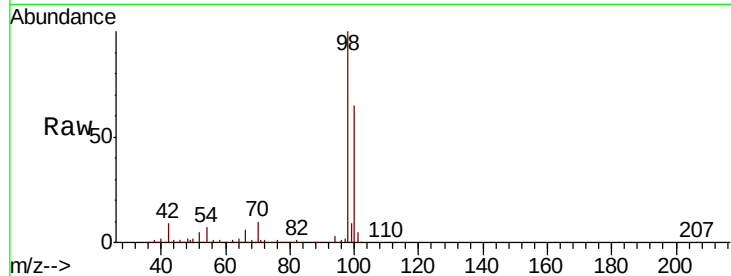
SA-01-091918

Tot Ion: 98 Resp: 1550468

Ion Ratio Lower Upper

98 100

100 64.2 51.3 76.9



#62

4-Bromofluorobenzene

Concen: 36.827 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN051357.D

Acq: 20 Sep 2018 22:36

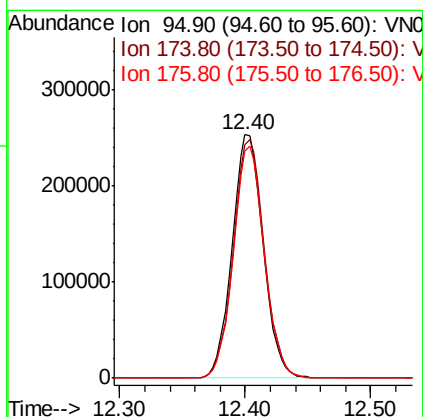
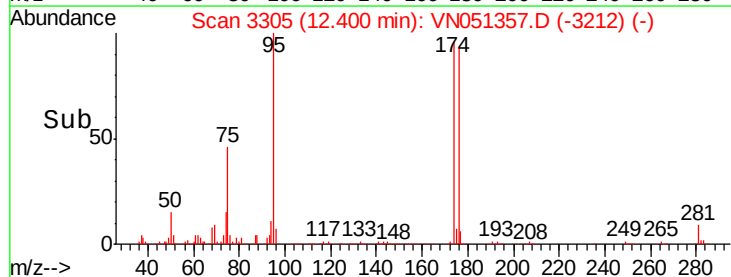
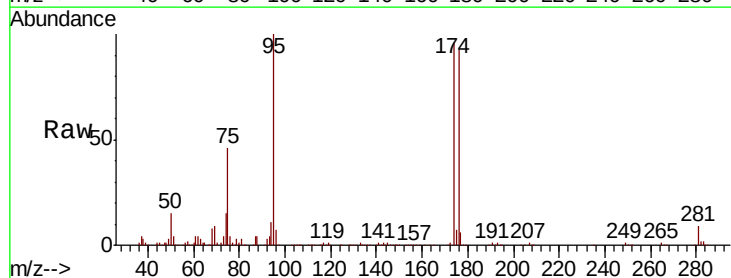
Tgt Ion: 95 Resp: 433376

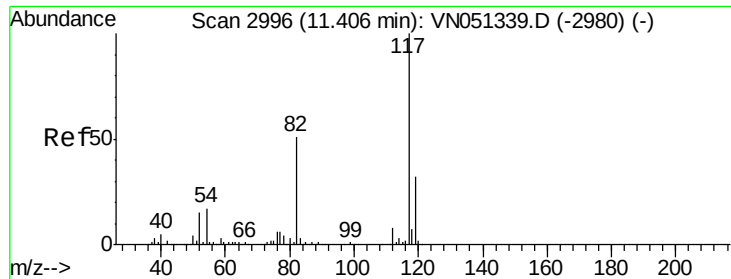
Ion Ratio Lower Upper

95 100

174 98.1 0.0 194.6

176 94.7 0.0 189.6

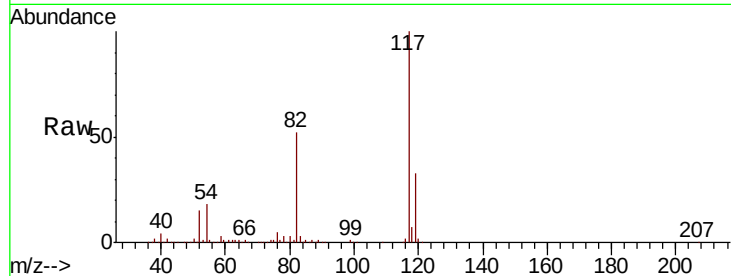




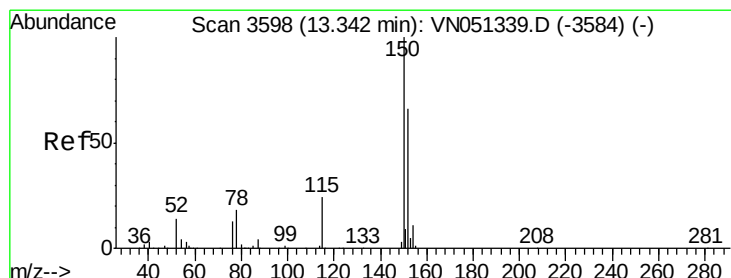
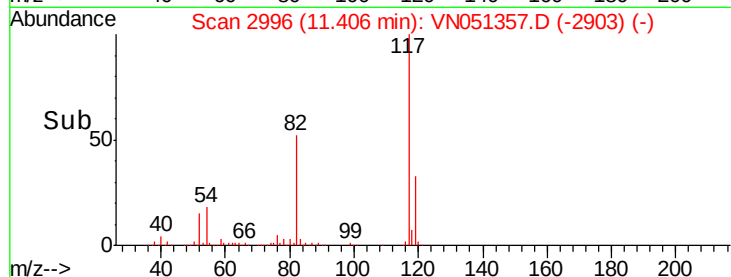
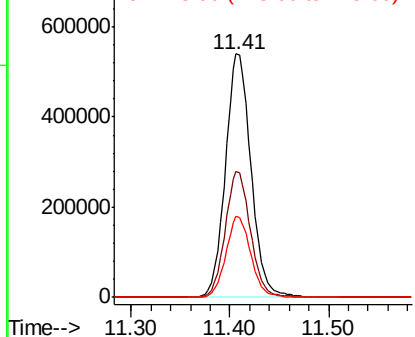
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN051357.D
Acq: 20 Sep 2018 22:36

Instrument :
MSVOA_N
ClientSampleId :
SA-01-091918

Tot Ion:117 Resp: 977727
Ion Ratio Lower Upper
117 100
82 51.7 40.7 61.1
119 33.1 25.3 37.9

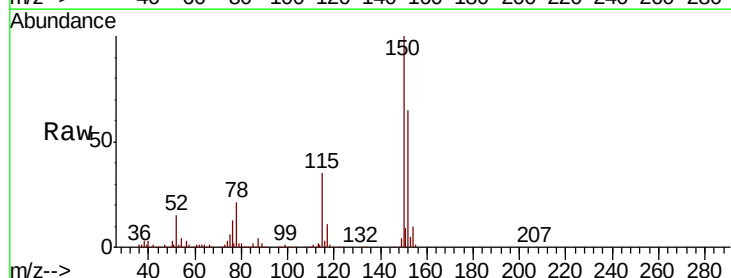


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

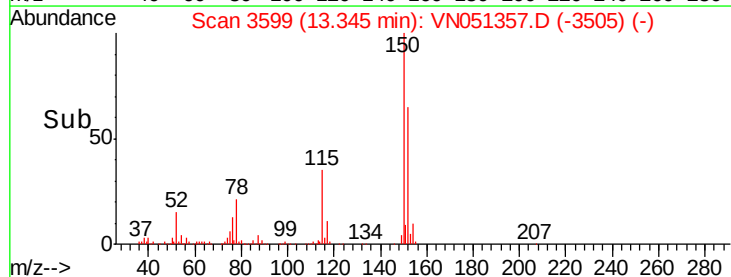
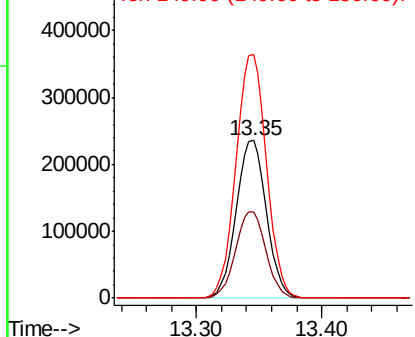


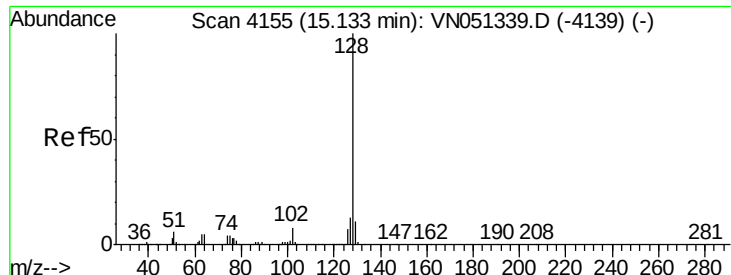
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN051357.D
Acq: 20 Sep 2018 22:36

Tgt Ion:152 Resp: 393386
Ion Ratio Lower Upper
152 100
115 55.0 26.9 80.7
150 156.0 0.0 345.0



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: 2.962 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN051357.D

Acq: 20 Sep 2018 22:36

Instrument :

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ClientSampleId :

SA-01-091918

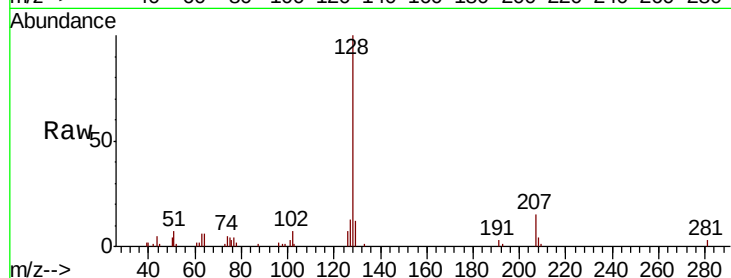
Tot Ion:128 Resp: 30956

Ion Ratio Lower Upper

128 100

127 13.5 10.3 15.5

129 11.8 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

