

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN073119\
 Data File : VN057017.D
 Acq On : 31 Jul 2019 16:14
 Operator : JC/SP
 Sample : K4066-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-11

Quant Time: Aug 01 02:11:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072719W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 01:33:29 2019
 Response via : Initial Calibration

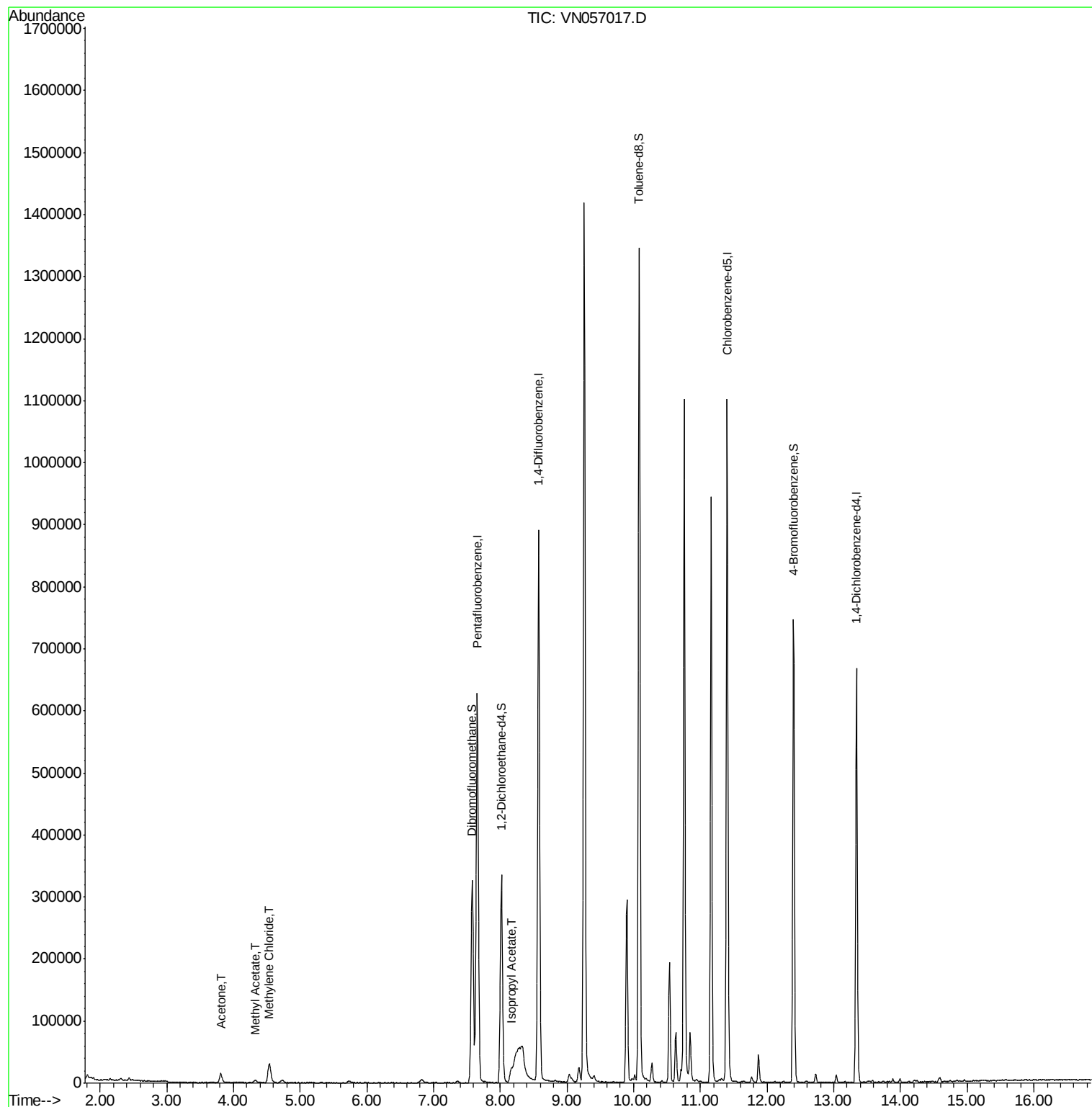
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	562820	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	838645	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	704776	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	199823	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	284167	49.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.64%	
35) Dibromofluoromethane	7.58	113	250591	46.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.36%	
50) Toluene-d8	10.08	98	983473	48.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.08%	
62) 4-Bromofluorobenzene	12.40	95	264045	39.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.24%	
Target Compounds						
16) Acetone	3.81	43	25345	12.143	ug/l	95
18) Methyl Acetate	4.32	43	8199	1.231	ug/l #	88
20) Methylene Chloride	4.54	84	25047	4.166	ug/l	91
43) Isopropyl Acetate	8.17	43	25339	2.594	ug/l #	84

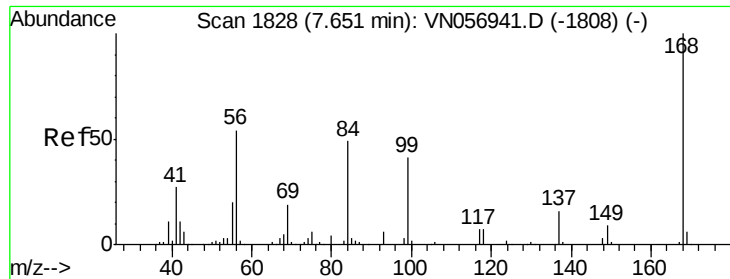
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN073119\
Data File : VN057017.D
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TP-11

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Quant Title : SW846 8260
QLast Update : Sat Jul 27 01:33:29 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1830

Delta R.T. 0.01 min

Lab File: VN057017.D

Acq: 31 Jul 2019 16:14

Instrument :

MSVOA_N

ClientSampled :

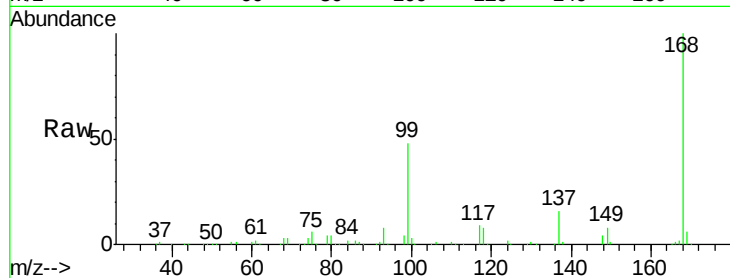
TP-11

Tot Ion:168 Resp: 562820

Ion Ratio Lower Upper

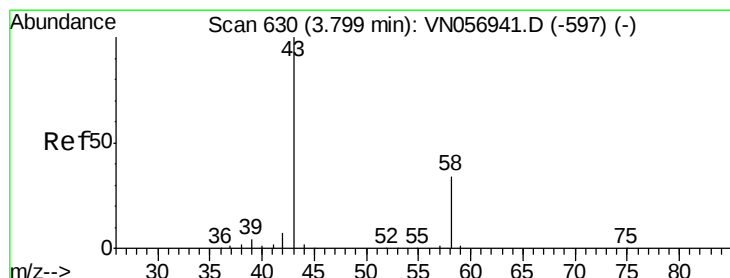
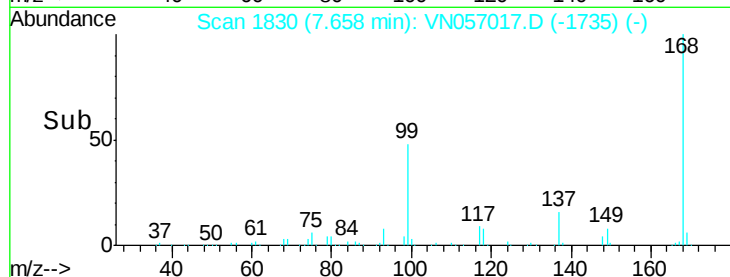
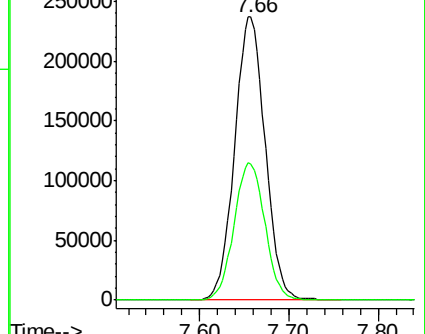
168 100

99 48.2 39.0 58.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 12.143 ug/l

RT: 3.81 min Scan# 633

Delta R.T. 0.01 min

Lab File: VN057017.D

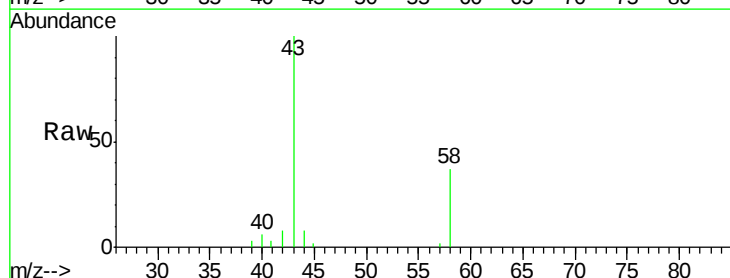
Acq: 31 Jul 2019 16:14

Tgt Ion: 43 Resp: 25345

Ion Ratio Lower Upper

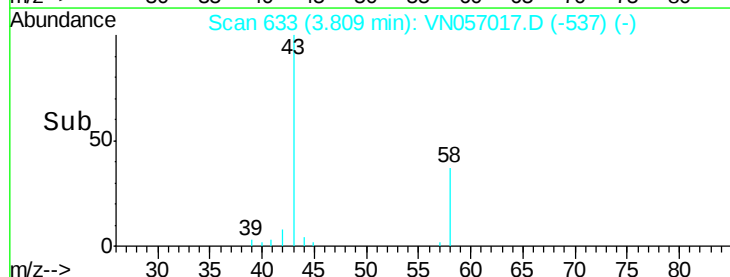
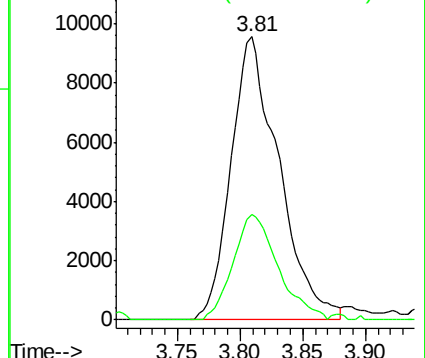
43 100

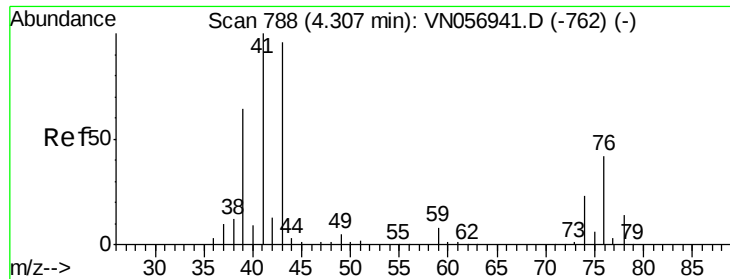
58 37.1 27.2 40.8



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

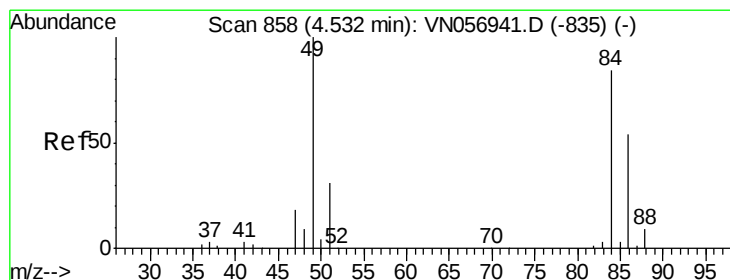
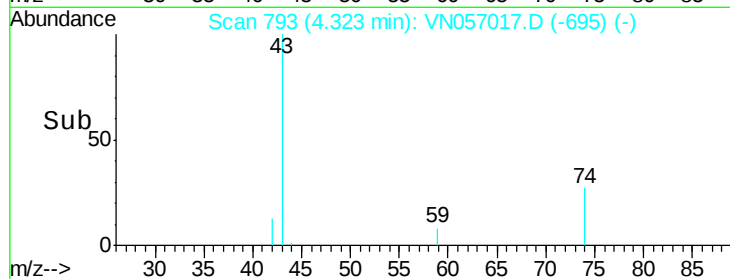
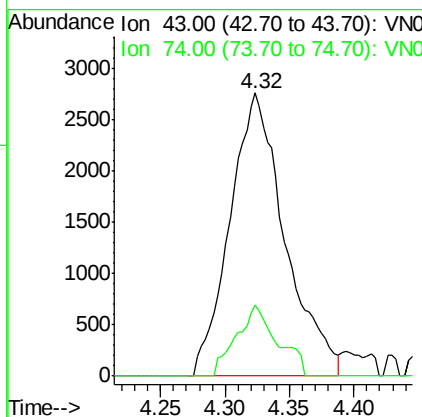
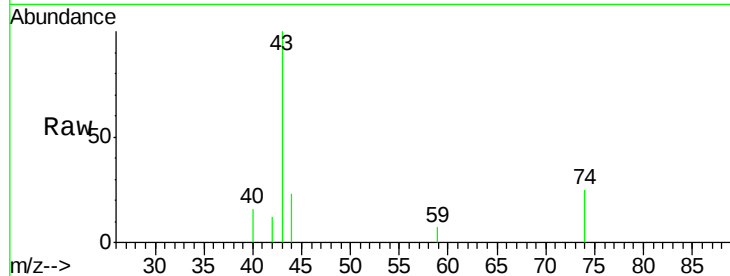




#18
Methyl Acetate
Concen: 1.231 ug/l
RT: 4.32 min Scan# 793
Delta R.T. 0.02 min
Lab File: VN057017.D
Acq: 31 Jul 2019 16:14

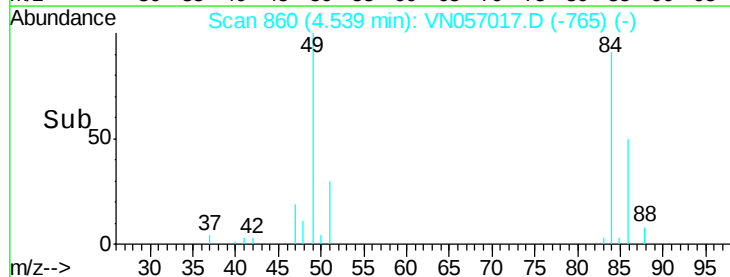
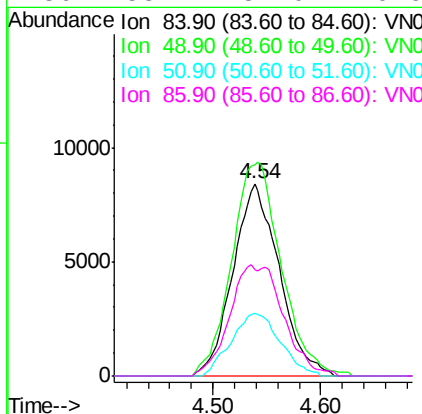
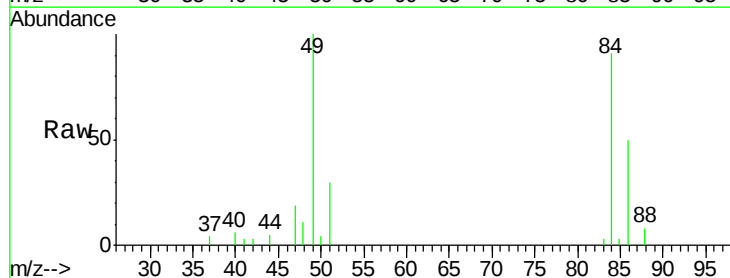
Instrument :
MSVOA_N
ClientSampled :
TP-11

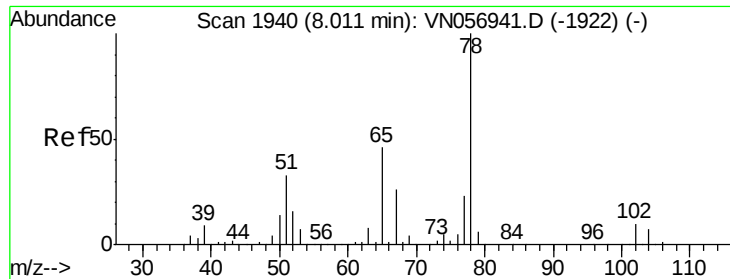
Tot Ion: 43 Resp: 8199
Ion Ratio Lower Upper
43 100
74 18.5 19.7 29.5#



#20
Methylene Chloride
Concen: 4.166 ug/l
RT: 4.54 min Scan# 860
Delta R.T. 0.01 min
Lab File: VN057017.D
Acq: 31 Jul 2019 16:14

Tgt Ion: 84 Resp: 25047
Ion Ratio Lower Upper
84 100
49 109.6 95.2 142.8
51 32.5 29.7 44.5
86 55.1 51.0 76.6

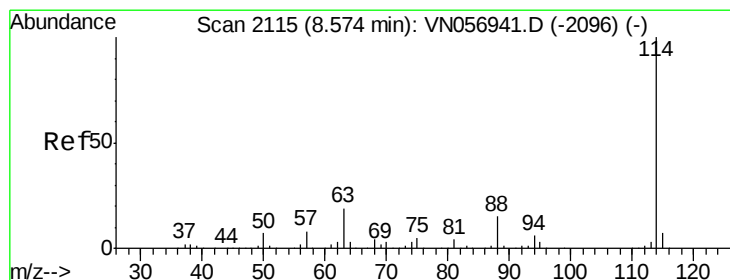
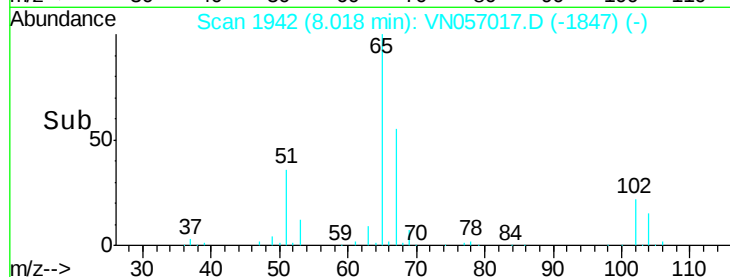
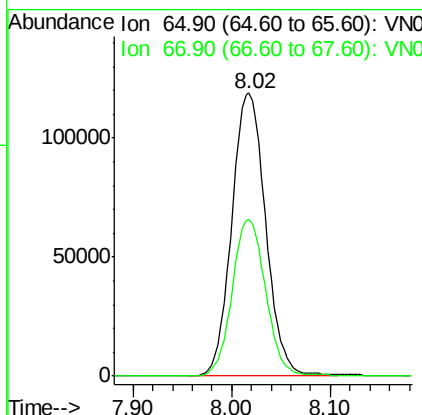
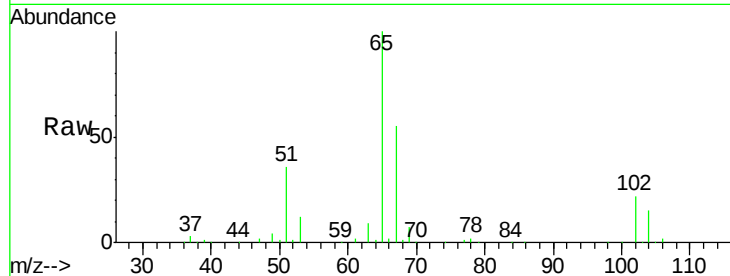




#33
 1,2-Dichloroethane-d4
 Concen: 49.324 ug/l
 RT: 8.02 min Scan# 1942
 Delta R.T. 0.01 min
 Lab File: VN057017.D
 Acq: 31 Jul 2019 16:14

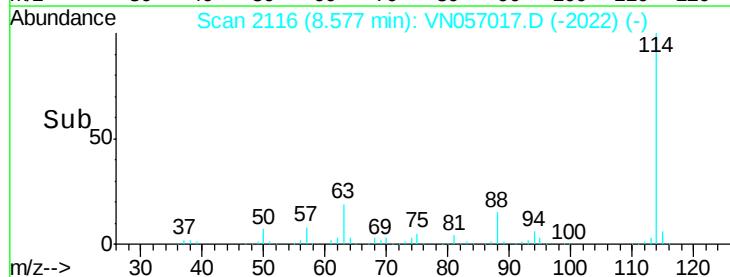
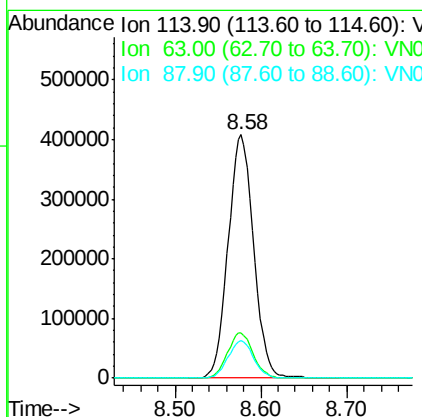
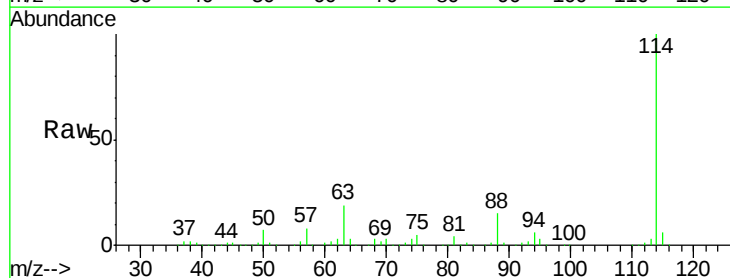
Instrument :
 MSVOA_N
 ClientSampled :
 TP-11

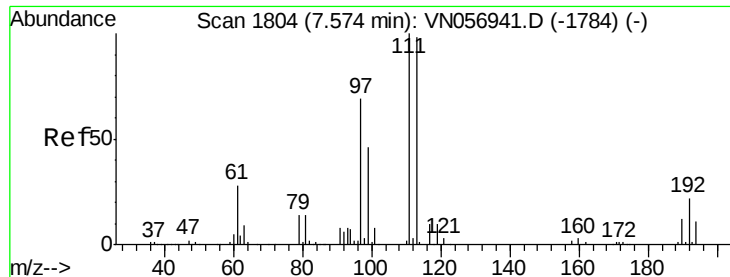
Tot Ion: 65 Resp: 284167
 Ion Ratio Lower Upper
 65 100
 67 54.5 0.0 112.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2116
 Delta R.T. 0.00 min
 Lab File: VN057017.D
 Acq: 31 Jul 2019 16:14

Tgt Ion: 114 Resp: 838645
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 38.0
 88 15.4 0.0 30.0





#35

Dibromofluoromethane

Concen: 46.676 ug/l

RT: 7.58 min Scan# 1806

Delta R.T. 0.01 min

Lab File: VN057017.D

Acq: 31 Jul 2019 16:14

Instrument :
MSVOA_N
ClientSampled :
TP-11

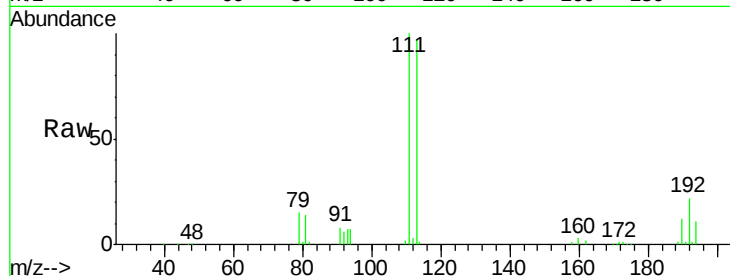
Tot Ion:113 Resp: 250591

Ion Ratio Lower Upper

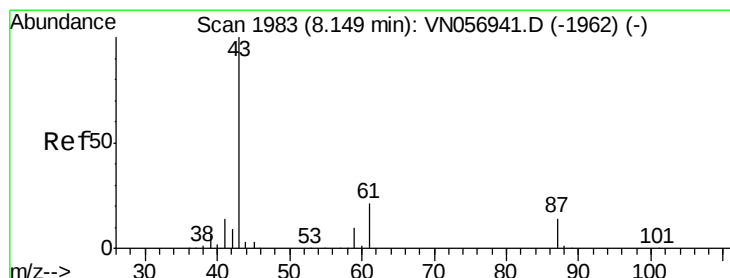
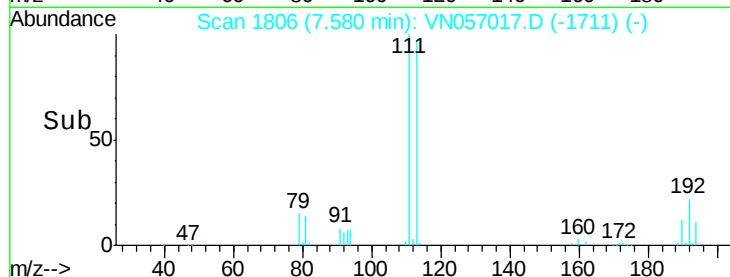
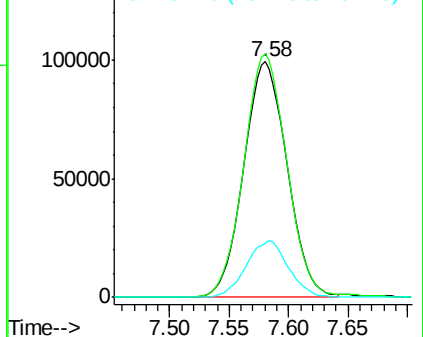
113 100

111 103.4 82.0 123.0

192 23.4 18.4 27.6



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: 2.594 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.02 min

Lab File: VN057017.D

Acq: 31 Jul 2019 16:14

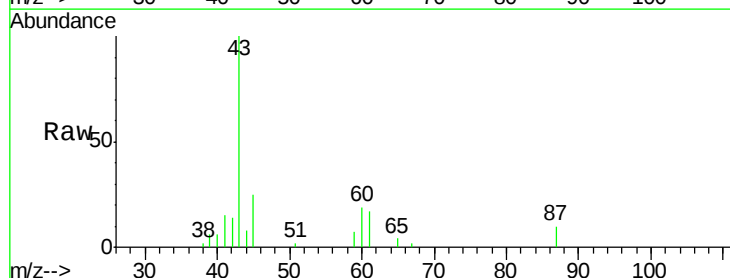
Tgt Ion: 43 Resp: 25339

Ion Ratio Lower Upper

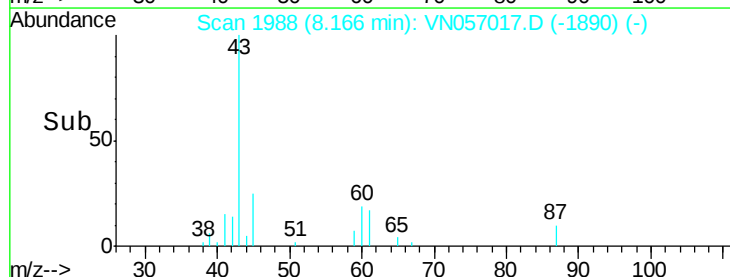
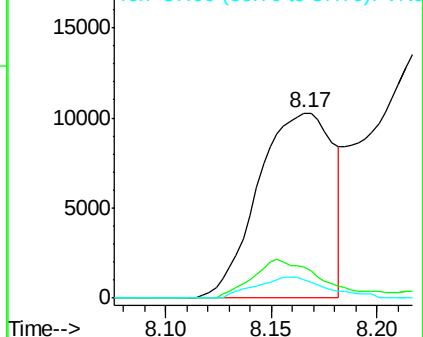
43 100

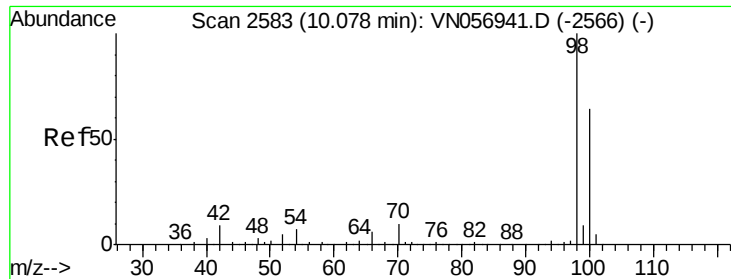
61 18.5 23.0 34.6#

87 10.7 11.7 17.5#



Abundance Ion 43.00 (42.70 to 43.70): VNO
Ion 61.00 (60.70 to 61.70): VNO
Ion 87.00 (86.70 to 87.70): VNO





#50

Toluene-d8

Concen: 48.036 ug/l

RT: 10.08 min Scan# 2584

Delta R.T. 0.00 min

Lab File: VN057017.D

Acq: 31 Jul 2019 16:14

Instrument :

MSVOA_N

ClientSampled :

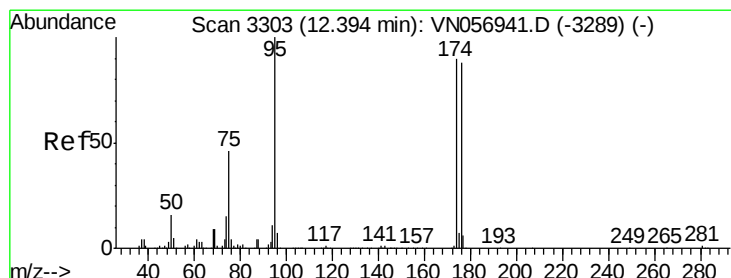
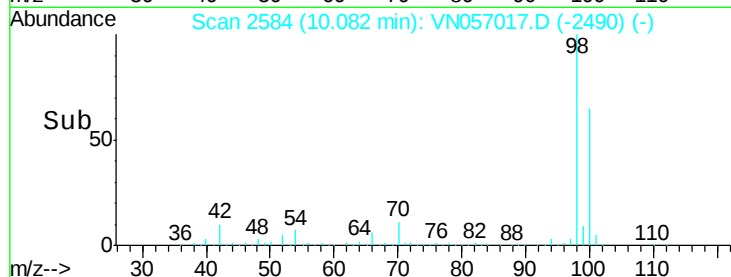
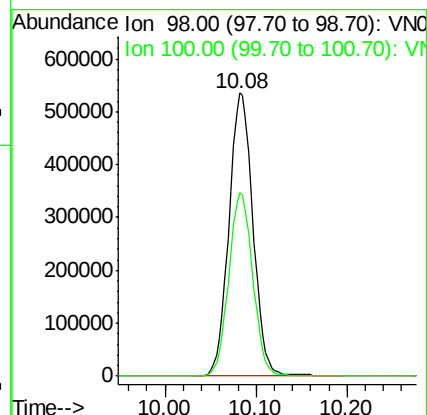
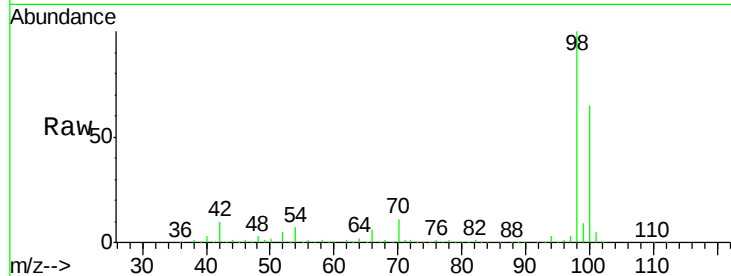
TP-11

Tot Ion: 98 Resp: 983473

Ion Ratio Lower Upper

98 100

100 64.4 51.3 76.9



#62

4-Bromofluorobenzene

Concen: 39.616 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN057017.D

Acq: 31 Jul 2019 16:14

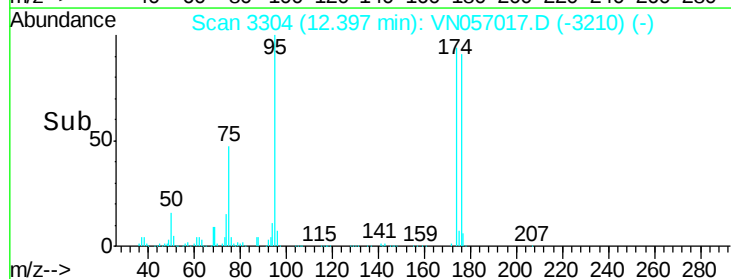
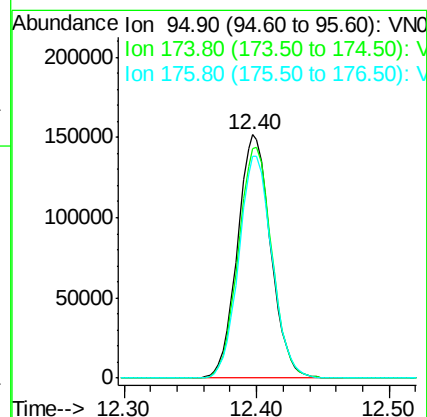
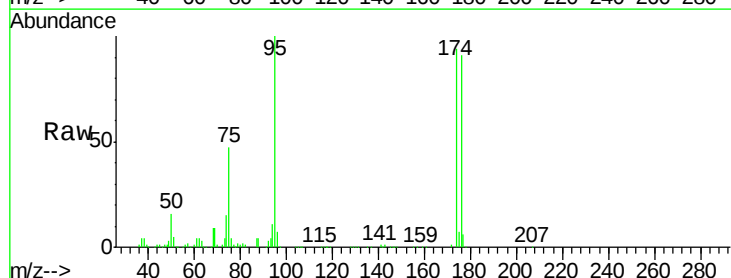
Tgt Ion: 95 Resp: 264045

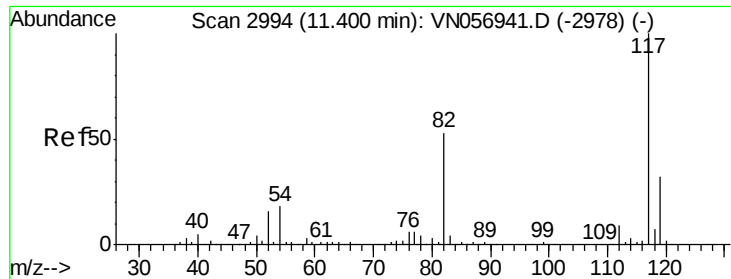
Ion Ratio Lower Upper

95 100

174 95.9 0.0 182.2

176 91.4 0.0 179.4

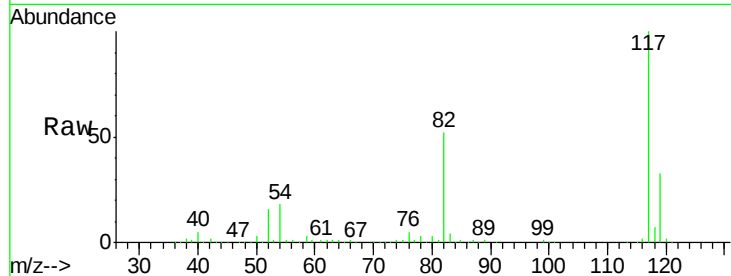




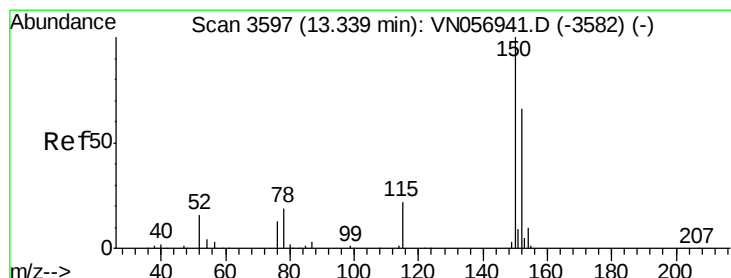
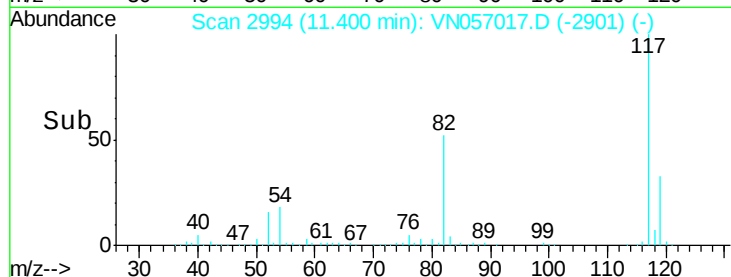
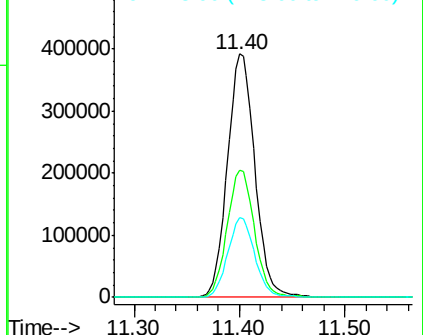
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN057017.D
Acq: 31 Jul 2019 16:14

Instrument :
MSVOA_N
ClientSampled :
TP-11

Tot Ion:117 Resp: 704776
Ion Ratio Lower Upper
117 100
82 52.3 42.2 63.4
119 32.5 25.8 38.6

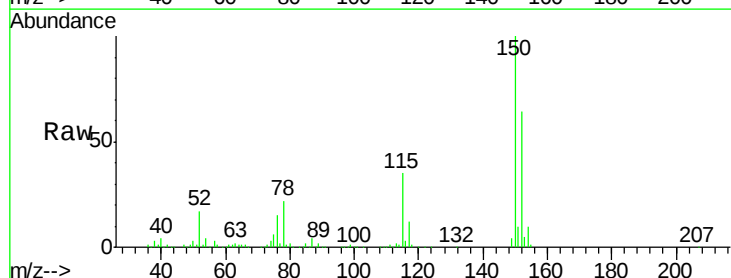


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN057017.D
Acq: 31 Jul 2019 16:14

Tgt Ion:152 Resp: 199823
Ion Ratio Lower Upper
152 100
115 55.8 28.2 84.6
150 158.9 0.0 349.4



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

