

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021720\
 Data File : VN060116.D
 Acq On : 17 Feb 2020 13:59
 Operator : JC/MD
 Sample : PB126834ZHE#01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB126834ZHE#01

Quant Time: Feb 17 14:36:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N021220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 12 14:12:21 2020
 Response via : Initial Calibration

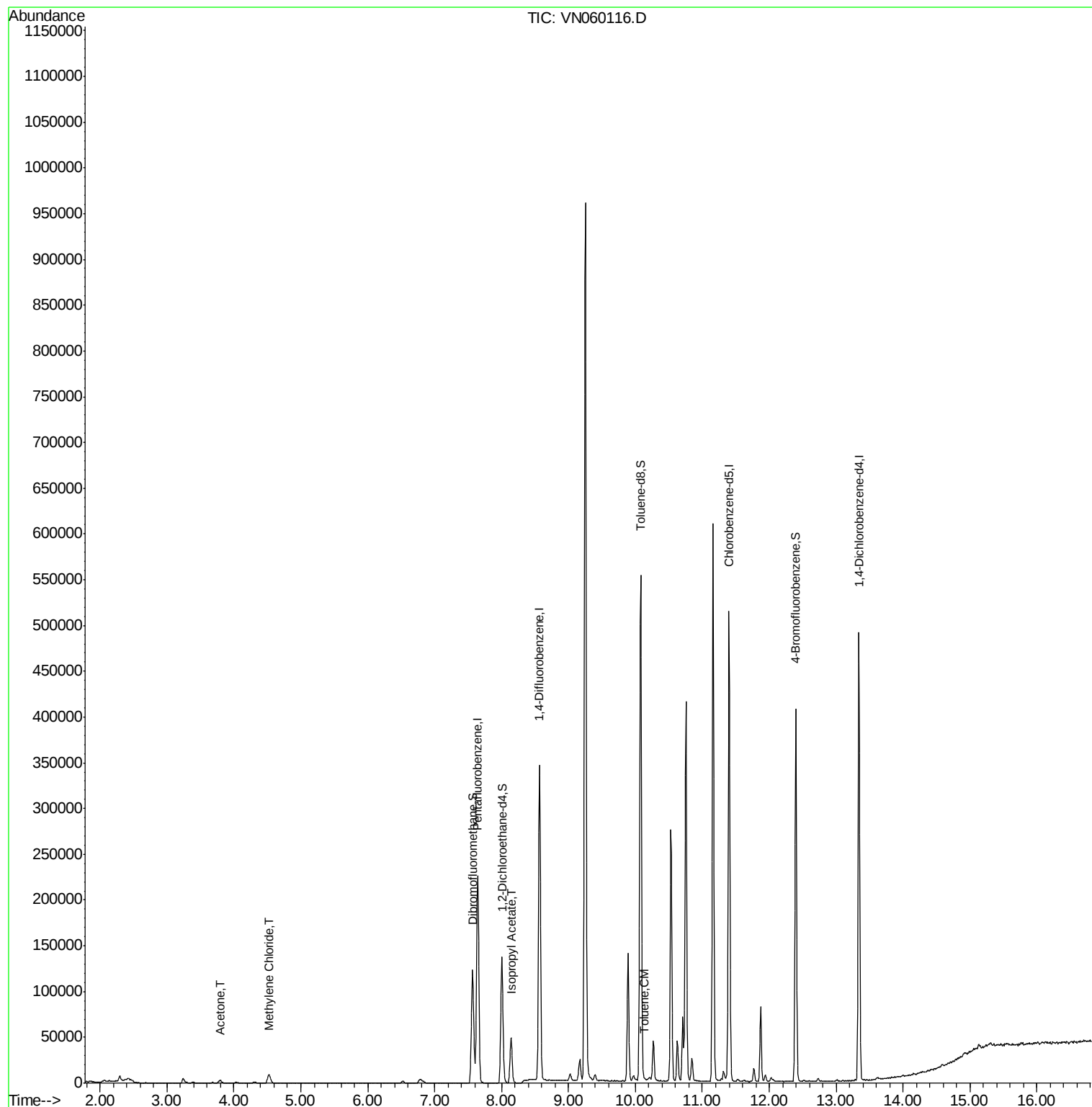
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	190001	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	305071	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	287469	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	129160	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	120026	51.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.82%	
35) Dibromofluoromethane	7.57	113	92498	49.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.66%	
50) Toluene-d8	10.08	98	374460	50.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.42%	
62) 4-Bromofluorobenzene	12.40	95	137996	50.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.70%	
Target Compounds						
16) Acetone	3.79	43	5714	5.666	ug/l	96
20) Methylene Chloride	4.53	84	7234	3.595	ug/l	92
43) Isopropyl Acetate	8.14	43	58493	13.399	ug/l #	89
52) Toluene	10.14	92	1141	0.212	ug/l	98

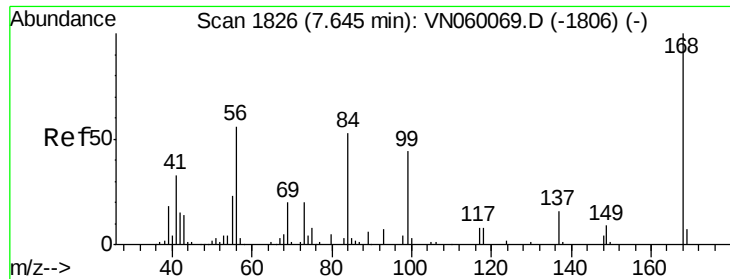
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VN060116.D

Acq: 17 Feb 2020 13:59

Instrument :

MSVOA_N

ClientSampleId :

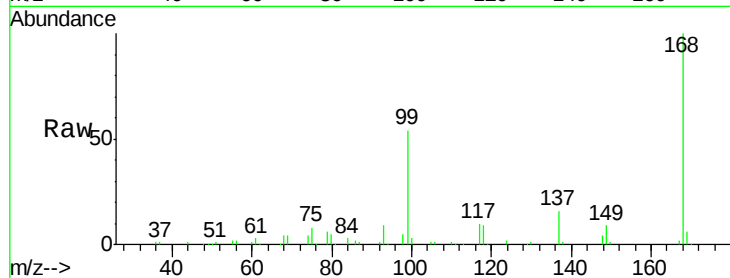
PB126834ZHE#01

Tot Ion:168 Resp: 190001

Ion Ratio Lower Upper

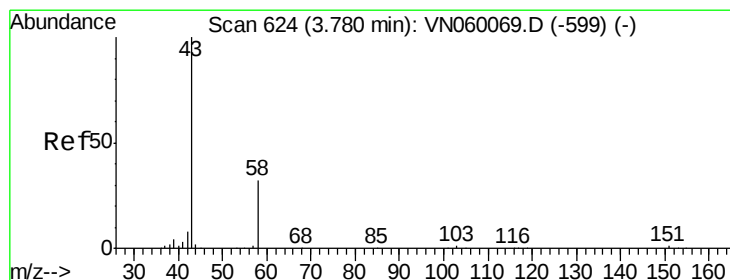
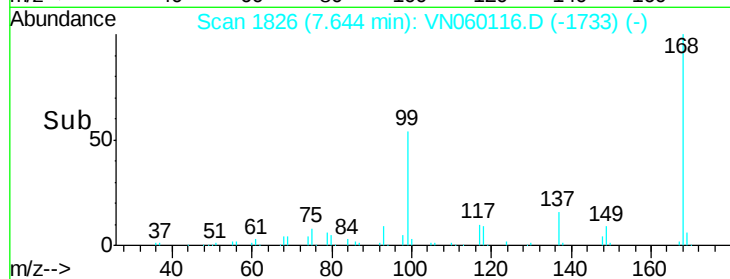
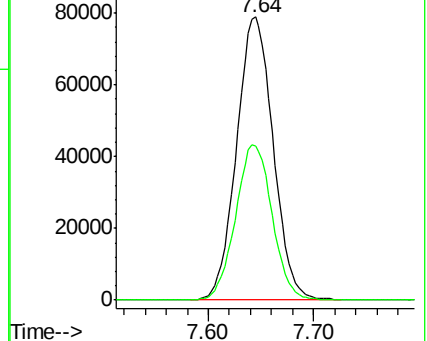
168 100

99 54.3 42.7 64.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 5.666 ug/l

RT: 3.79 min Scan# 628

Delta R.T. 0.01 min

Lab File: VN060116.D

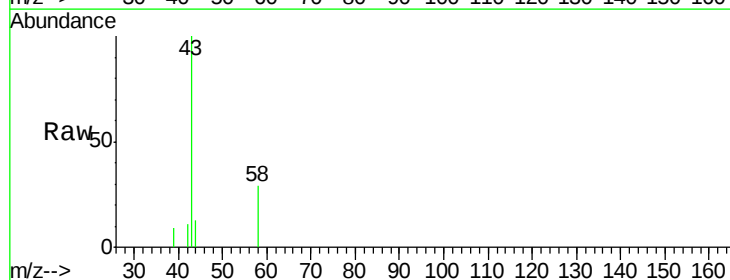
Acq: 17 Feb 2020 13:59

Tgt Ion: 43 Resp: 5714

Ion Ratio Lower Upper

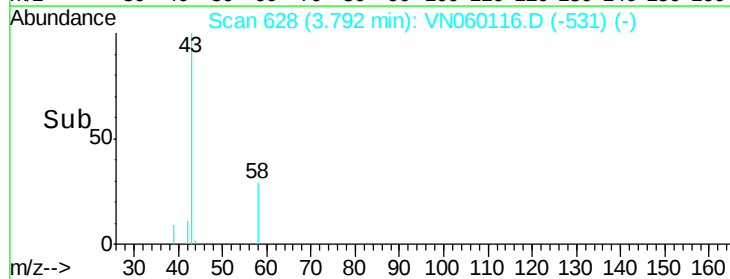
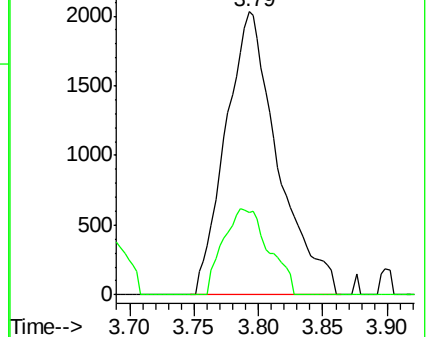
43 100

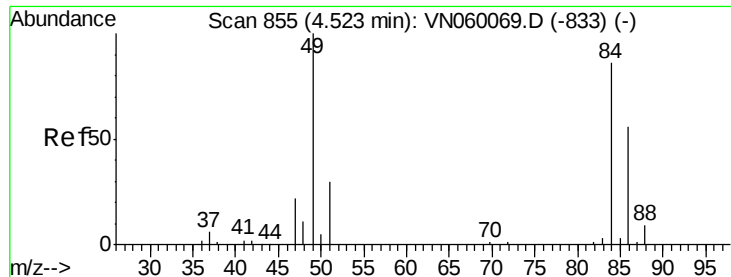
58 29.3 25.2 37.8



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

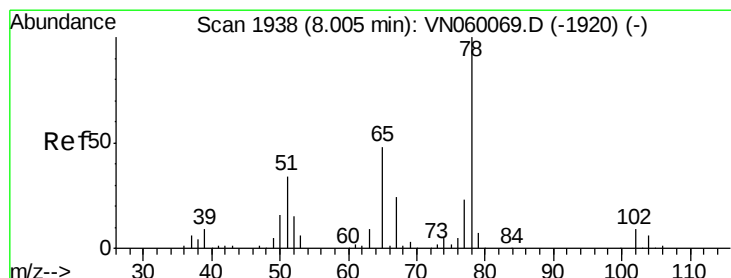
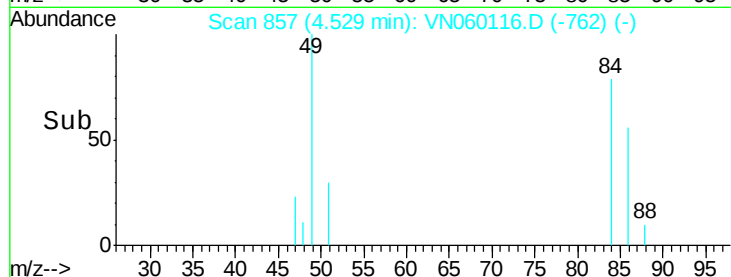
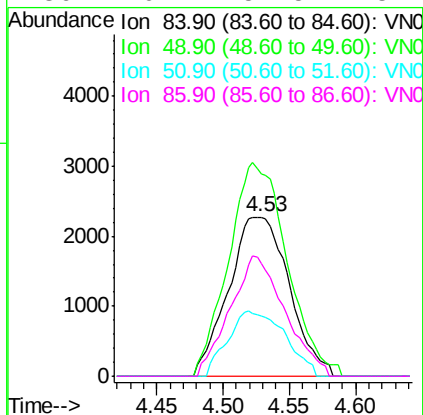
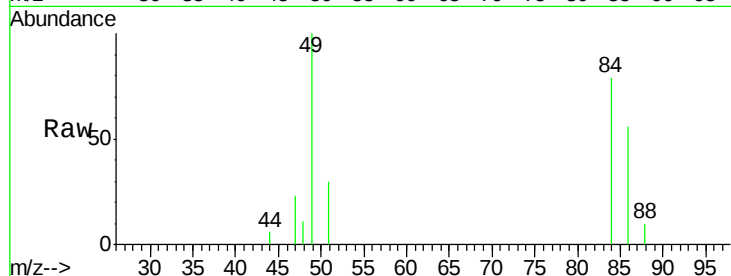




#20
Methylene Chloride
Concen: 3.595 ug/l
RT: 4.53 min Scan# 857
Delta R.T. 0.01 min
Lab File: VN060116.D
Acq: 17 Feb 2020 13:59

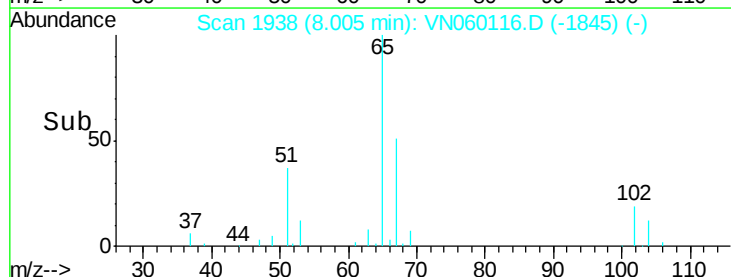
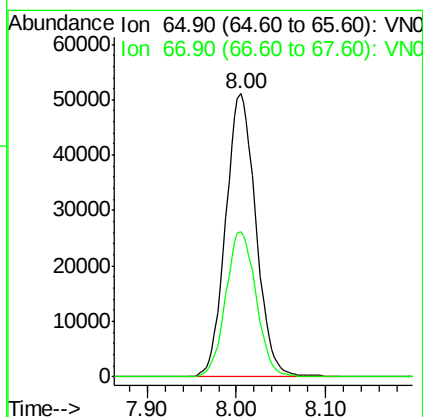
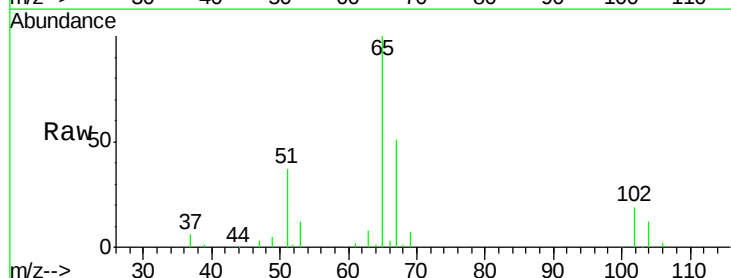
Instrument :
MSVOA_N
ClientSampleId :
PB126834ZHE#01

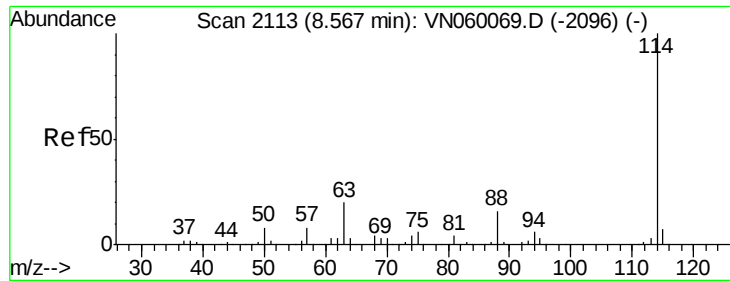
Tot Ion: 84 Resp: 7234
Ion Ratio Lower Upper
84 100
49 127.1 93.4 140.0
51 38.1 28.4 42.6
86 70.7 52.5 78.7



#33
1,2-Dichloroethane-d4
Concen: 51.915 ug/l
RT: 8.00 min Scan# 1938
Delta R.T. -0.00 min
Lab File: VN060116.D
Acq: 17 Feb 2020 13:59

Tgt Ion: 65 Resp: 120026
Ion Ratio Lower Upper
65 100
67 51.5 0.0 104.0

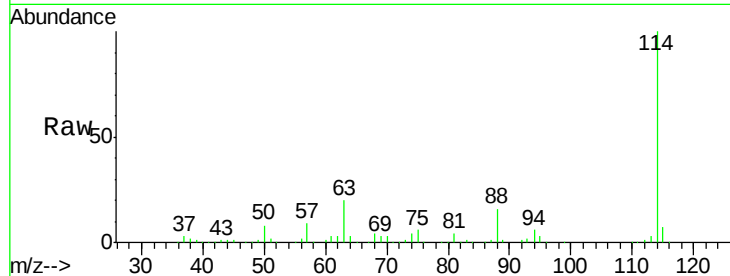




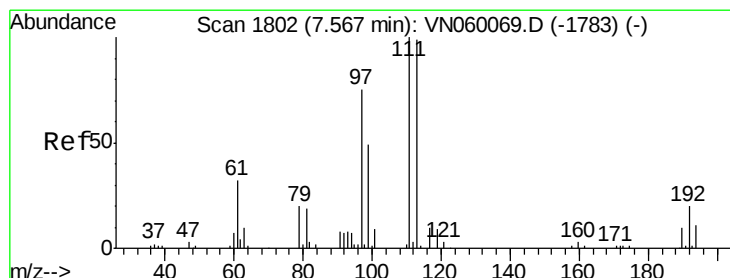
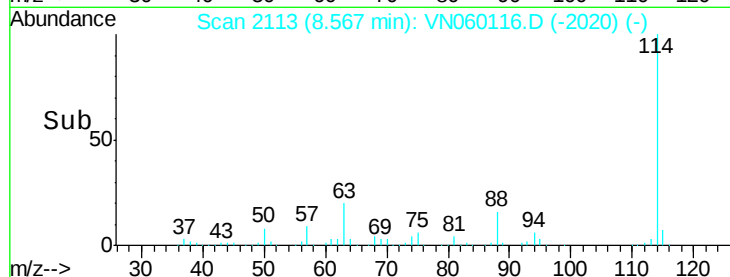
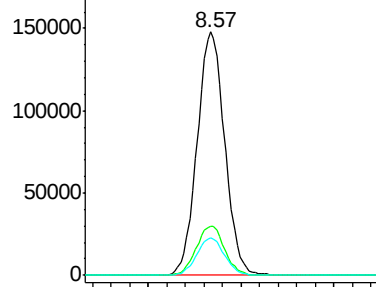
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.57 min Scan# 2113
Delta R.T. -0.00 min
Lab File: VN060116.D
Acq: 17 Feb 2020 13:59

Instrument :
MSVOA_N
ClientSampleId :
PB126834ZHE#01

Tot Ion:114 Resp: 305071
Ion Ratio Lower Upper
114 100
63 20.3 0.0 40.0
88 15.6 0.0 31.6

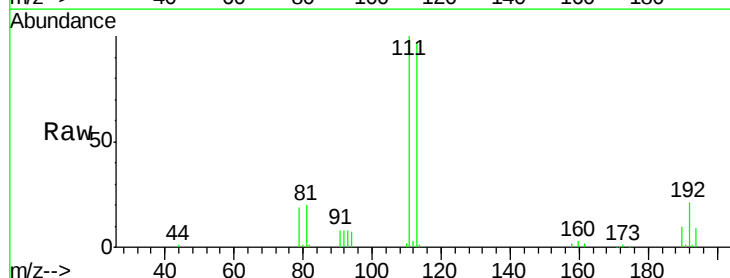


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): V
Ion 87.90 (87.60 to 88.60): V

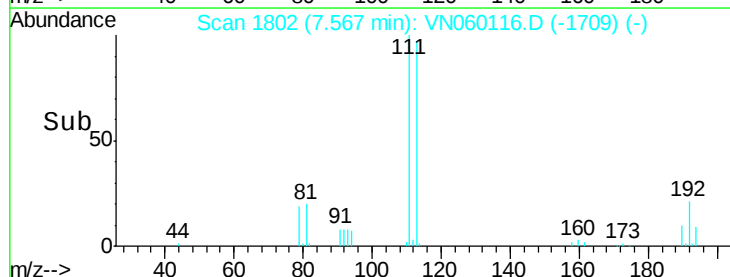
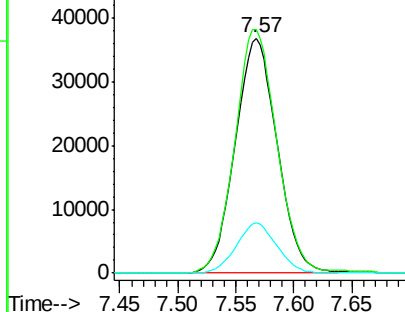


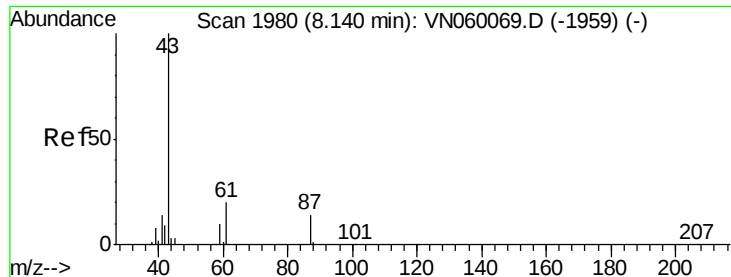
#35
Dibromofluoromethane
Concen: 49.325 ug/l
RT: 7.57 min Scan# 1802
Delta R.T. -0.00 min
Lab File: VN060116.D
Acq: 17 Feb 2020 13:59

Tgt Ion:113 Resp: 92498
Ion Ratio Lower Upper
113 100
111 104.4 81.4 122.2
192 20.4 16.2 24.2



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



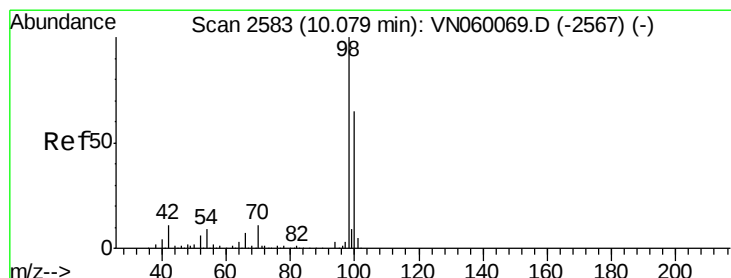
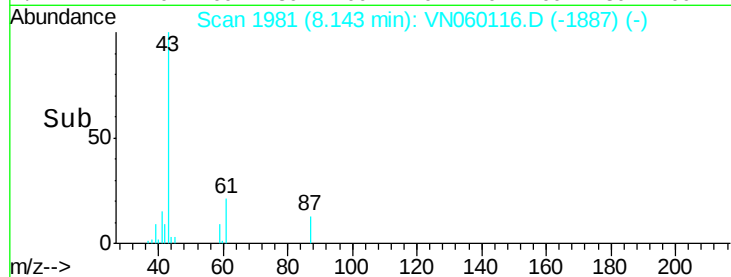
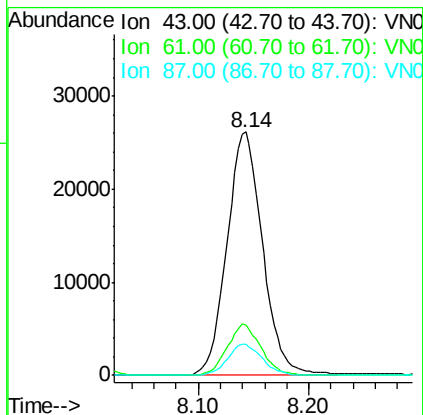
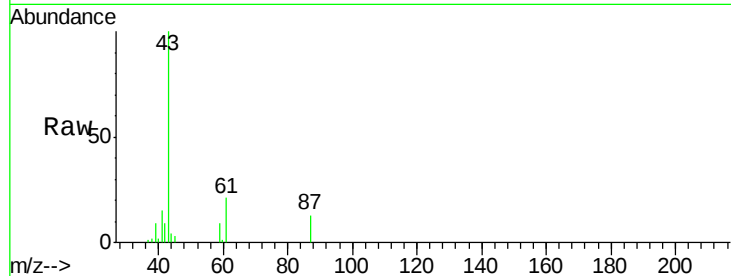


#43

Isopropyl Acetate
 Concen: 13.399 ug/l
 RT: 8.14 min Scan# 1981
 Delta R.T. 0.00 min
 Lab File: VN060116.D
 Acq: 17 Feb 2020 13:59

Instrument :
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 ClientSampleId :
 PB126834ZHE#01

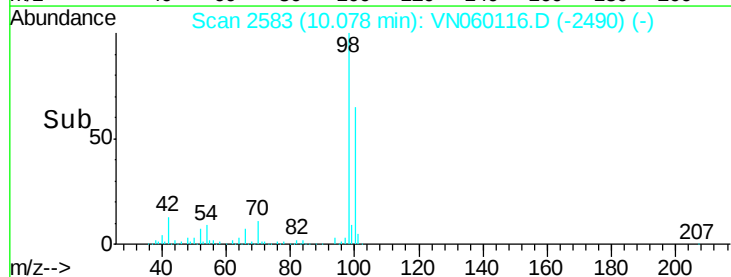
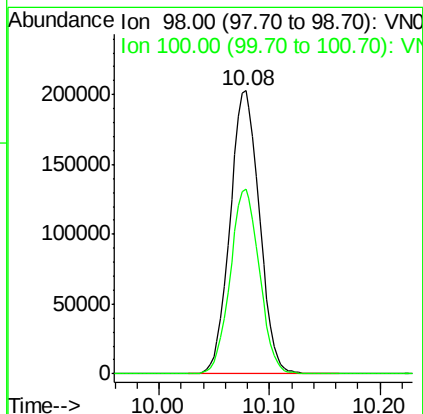
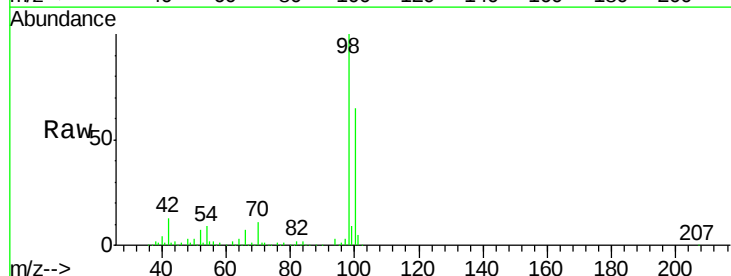
Tot Ion	43	Resp	58493
Ion Ratio	Lower	Upper	
43	100		
61	19.7	21.8	32.6#
87	12.3	11.4	17.2

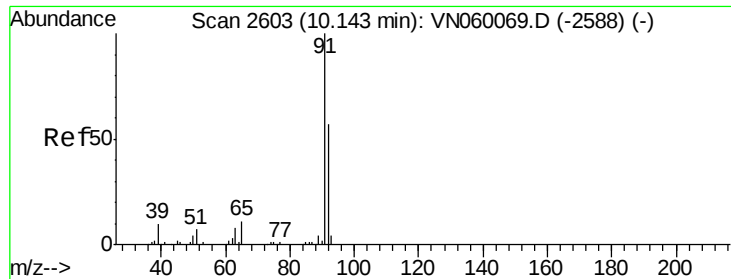


#50

Toluene-d8
 Concen: 50.707 ug/l
 RT: 10.08 min Scan# 2583
 Delta R.T. -0.00 min
 Lab File: VN060116.D
 Acq: 17 Feb 2020 13:59

Tgt Ion	98	Resp	374460
Ion Ratio	Lower	Upper	
98	100		
100	64.9	51.7	77.5





#52

Toluene

Concen: 0.212 ug/l

RT: 10.14 min Scan# 2603

Delta R.T. -0.00 min

Lab File: VN060116.D

Acq: 17 Feb 2020 13:59

Instrument :

MSVOA_N

ClientSampleId :

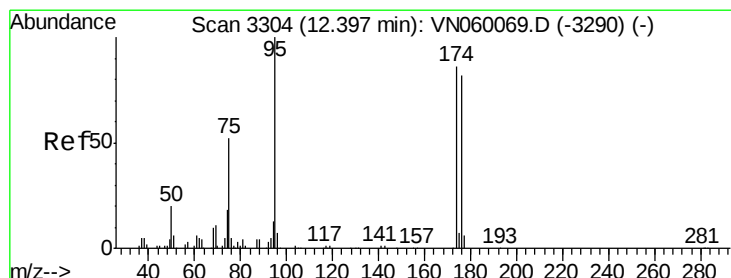
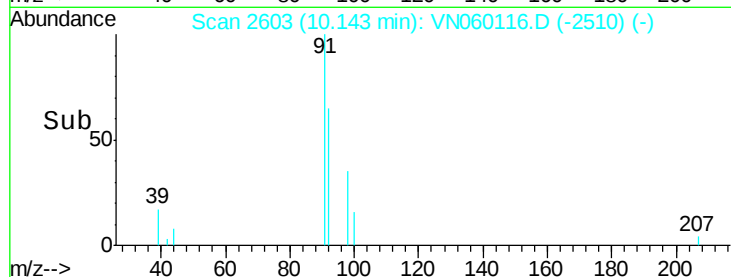
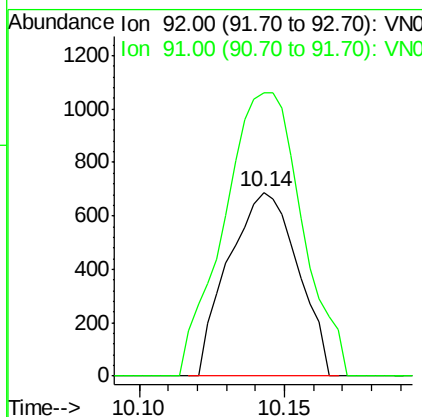
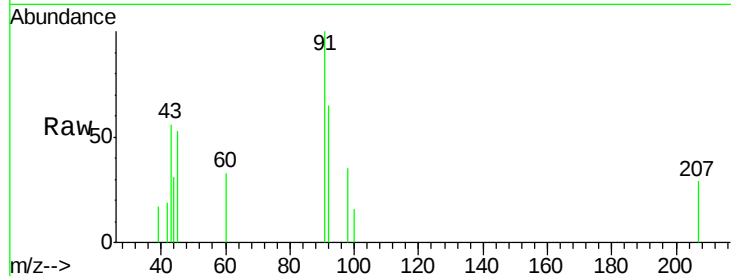
PB126834ZHE#01

Tot Ion: 92 Resp: 1141

Ion Ratio Lower Upper

92 100

91 173.4 140.9 211.3



#62

4-Bromofluorobenzene

Concen: 50.854 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.00 min

Lab File: VN060116.D

Acq: 17 Feb 2020 13:59

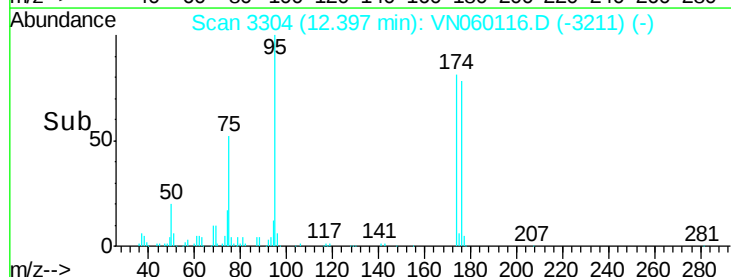
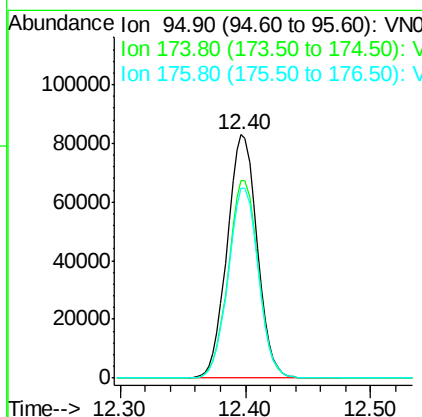
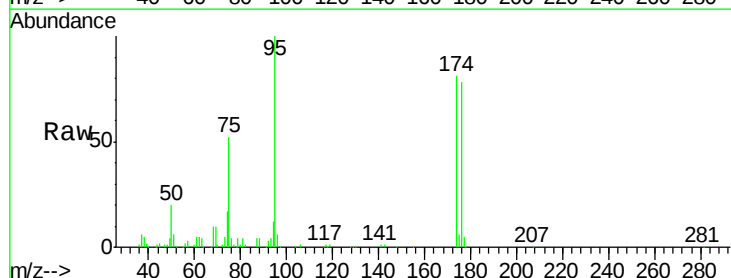
Tgt Ion: 95 Resp: 137996

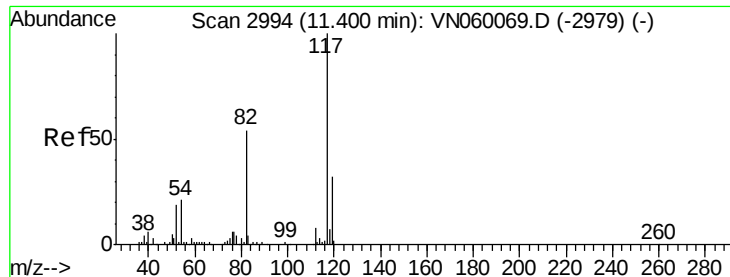
Ion Ratio Lower Upper

95 100

174 81.1 0.0 169.8

176 78.5 0.0 164.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. -0.00 min

Lab File: VN060116.D

Acq: 17 Feb 2020 13:59

Instrument :

MSVOA_N

ClientSampleId :

PB126834ZHE#01

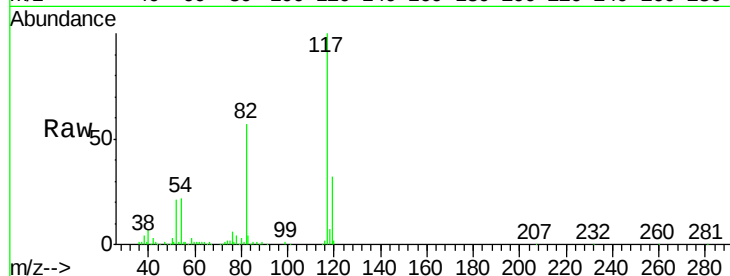
Tot Ion:117 Resp: 287469

Ion Ratio Lower Upper

117 100

82 56.7 43.4 65.0

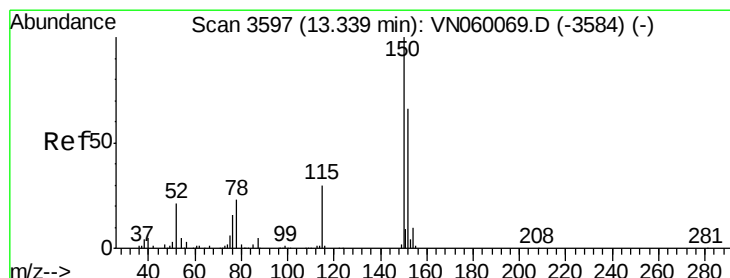
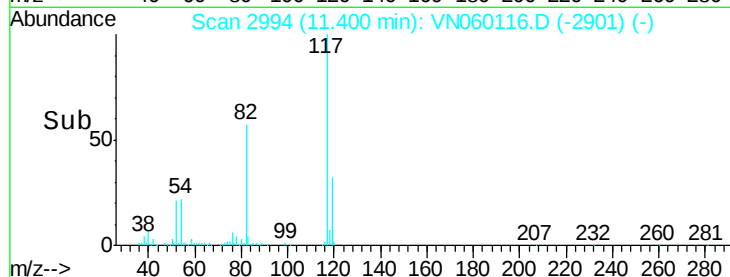
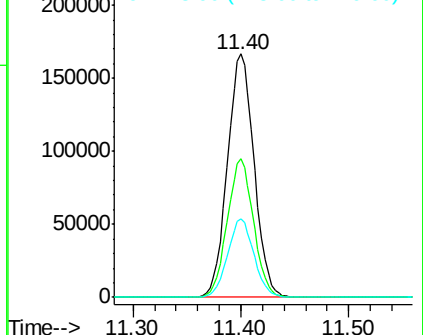
119 32.1 25.8 38.6



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# 3597

Delta R.T. -0.00 min

Lab File: VN060116.D

Acq: 17 Feb 2020 13:59

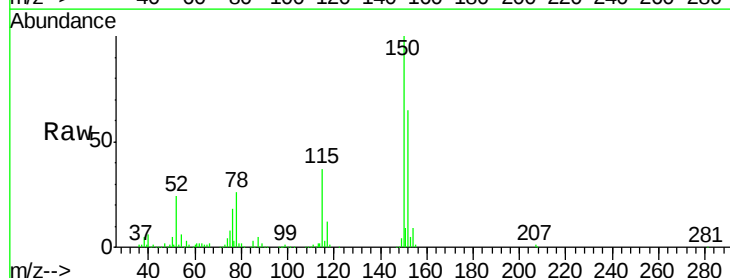
Tgt Ion:152 Resp: 129160

Ion Ratio Lower Upper

152 100

115 57.3 28.9 86.8

150 154.9 0.0 342.4



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

