

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN020420\
 Data File : VN060003.D
 Acq On : 4 Feb 2020 18:35
 Operator : JC/MD
 Sample : PB126559ZHE#16
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB126559ZHE#16

Quant Time: Feb 05 04:56:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011320W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 18 03:09:32 2020
 Response via : Initial Calibration

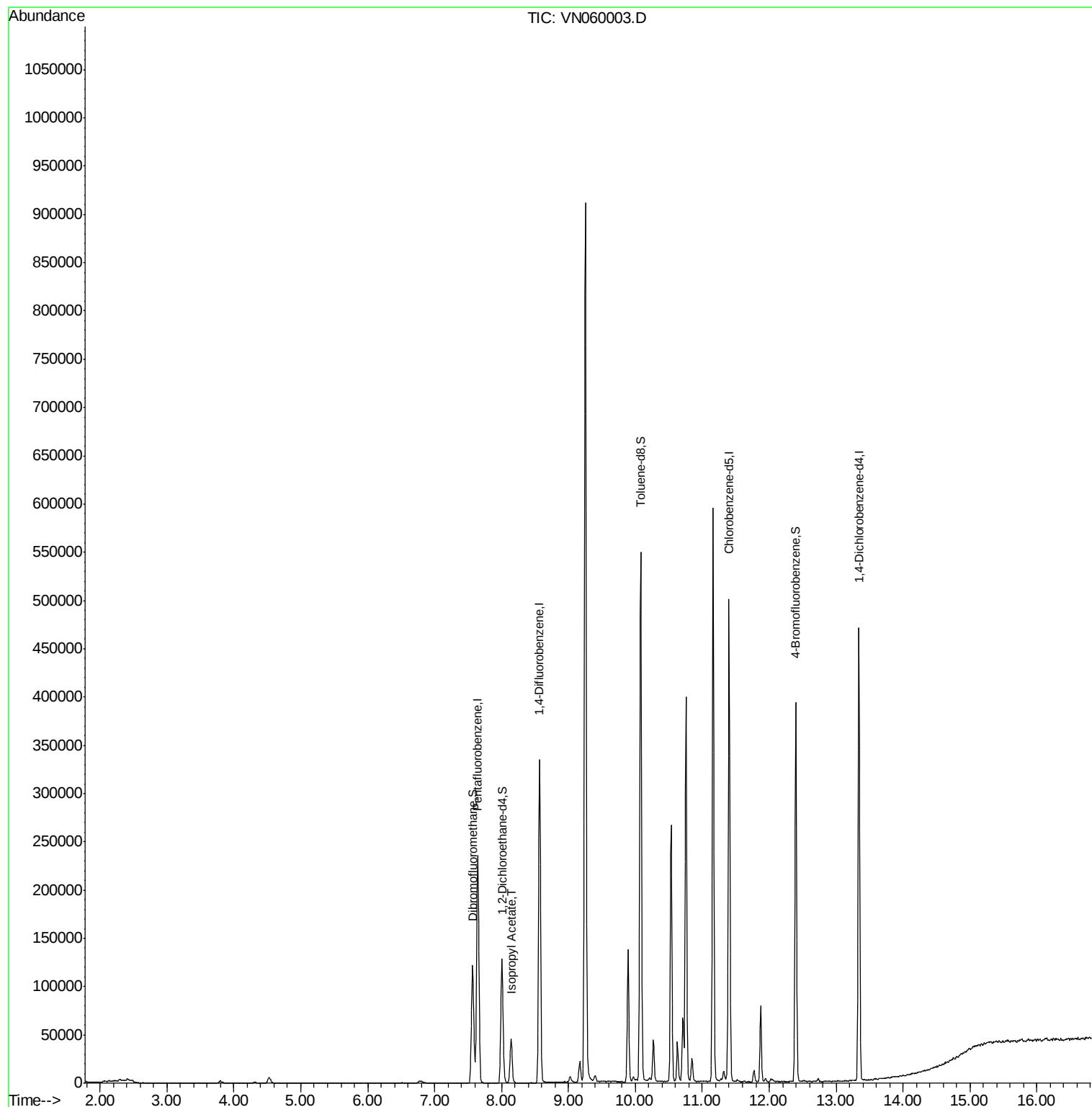
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	198326	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	308376	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	287430	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	126865	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	113183	51.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.78%	
35) Dibromofluoromethane	7.57	113	93204	50.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.36%	
50) Toluene-d8	10.08	98	373109	52.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.74%	
62) 4-Bromofluorobenzene	12.40	95	131985	51.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.76%	
Target Compounds						
43) Isopropyl Acetate	8.14	43	54424	12.562	ug/l #	91

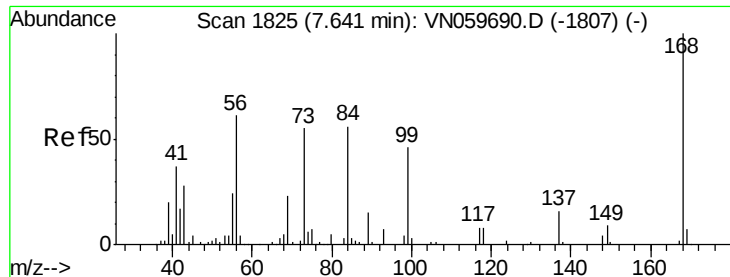
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN060003.D

Acq: 4 Feb 2020 18:35

Instrument :

MSVOA_N

ClientSampleId :

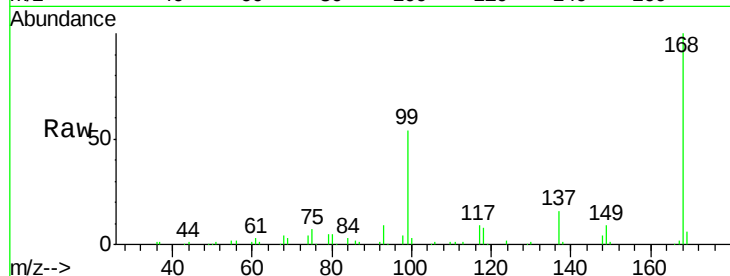
PB126559ZHE#16

Tot Ion:168 Resp: 198326

Ion Ratio Lower Upper

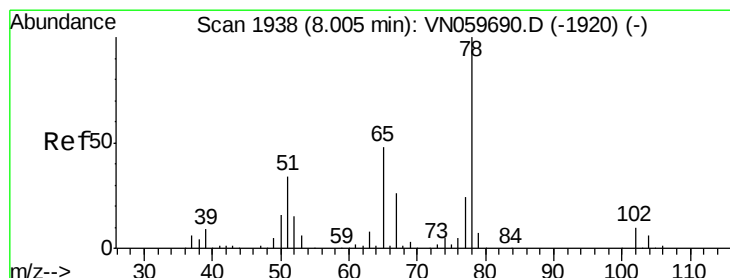
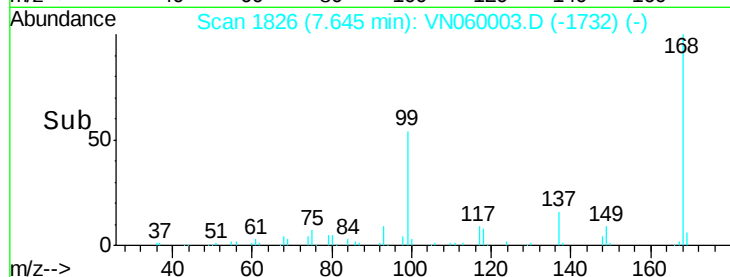
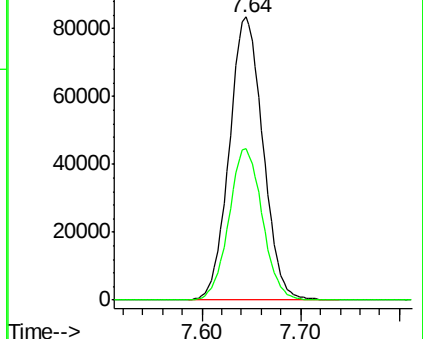
168 100

99 53.5 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#33

1,2-Dichloroethane-d4

Concen: 51.389 ug/l

RT: 8.00 min Scan# 1938

Delta R.T. 0.00 min

Lab File: VN060003.D

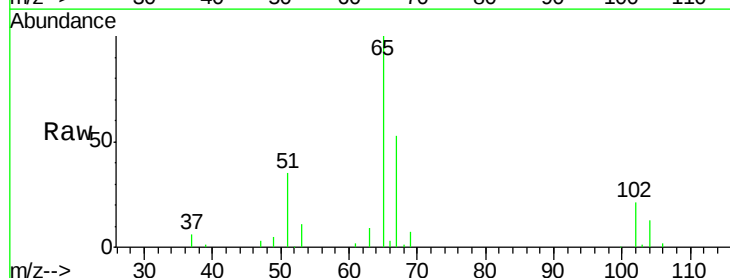
Acq: 4 Feb 2020 18:35

Tgt Ion: 65 Resp: 113183

Ion Ratio Lower Upper

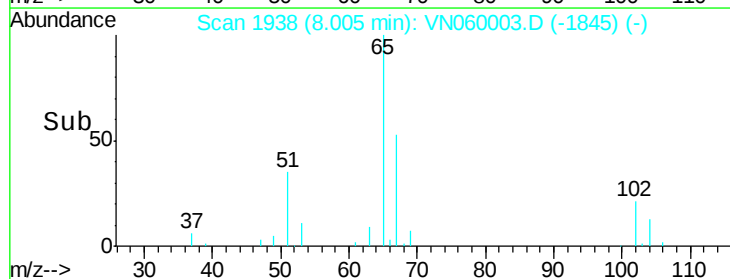
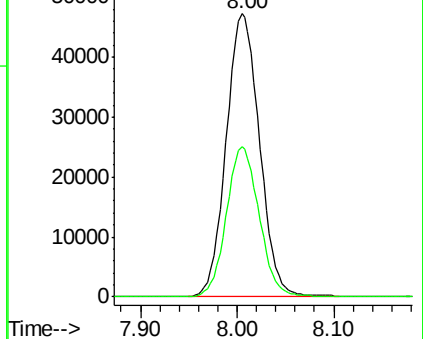
65 100

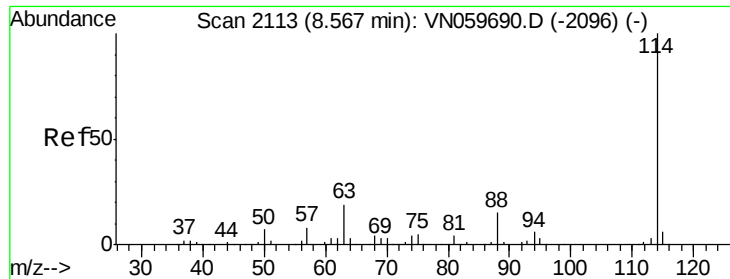
67 52.2 0.0 103.0



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

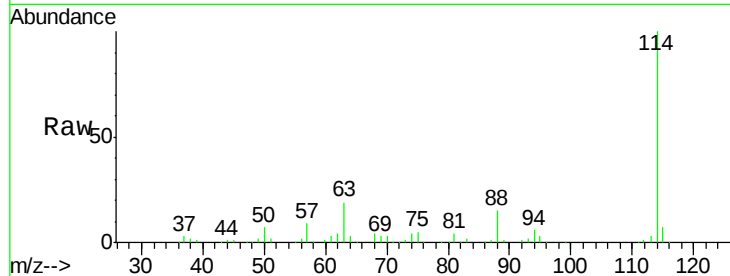




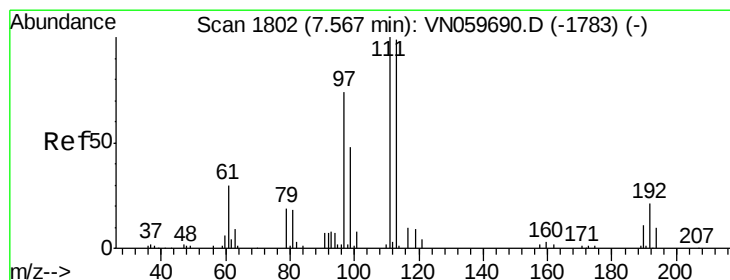
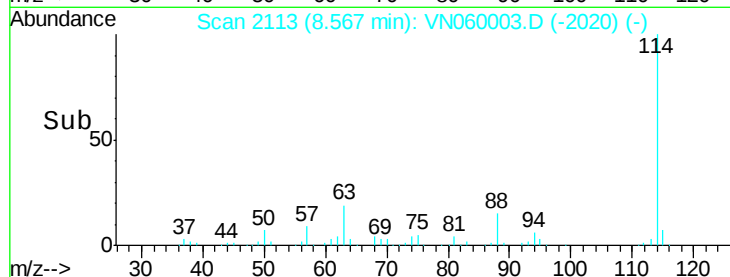
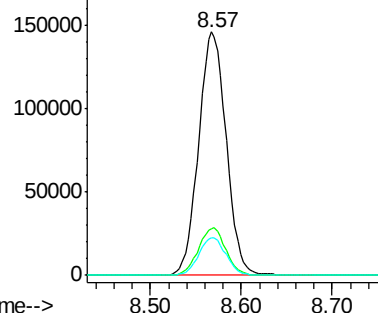
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.57 min Scan# 2113
Delta R.T. 0.00 min
Lab File: VN060003.D
Acq: 4 Feb 2020 18:35

Instrument :
MSVOA_N
ClientSampleId :
PB126559ZHE#16

Tot Ion:114 Resp: 308376
Ion Ratio Lower Upper
114 100
63 19.3 0.0 43.6
88 15.4 0.0 31.4

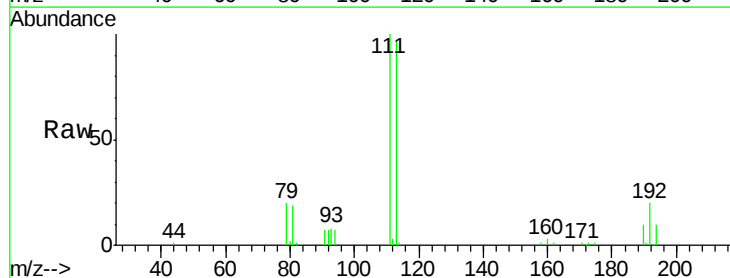


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

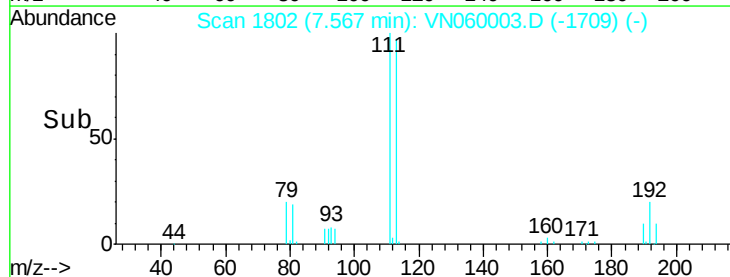
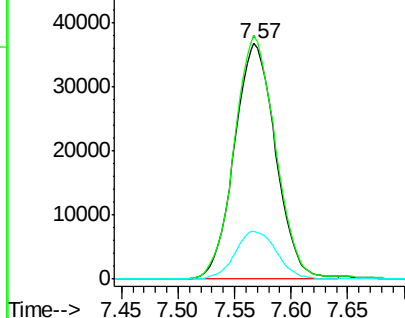


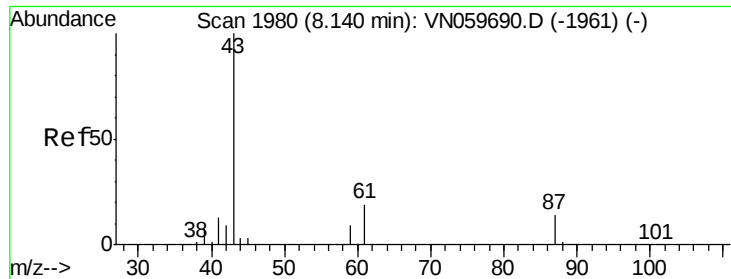
#35
Dibromofluoromethane
Concen: 50.682 ug/l
RT: 7.57 min Scan# 1802
Delta R.T. 0.00 min
Lab File: VN060003.D
Acq: 4 Feb 2020 18:35

Tgt Ion:113 Resp: 93204
Ion Ratio Lower Upper
113 100
111 103.0 83.5 125.3
192 20.4 15.4 23.2



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



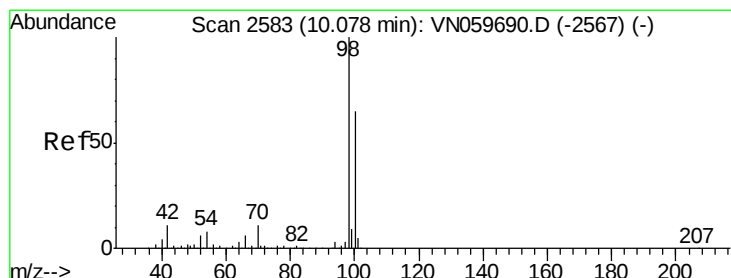
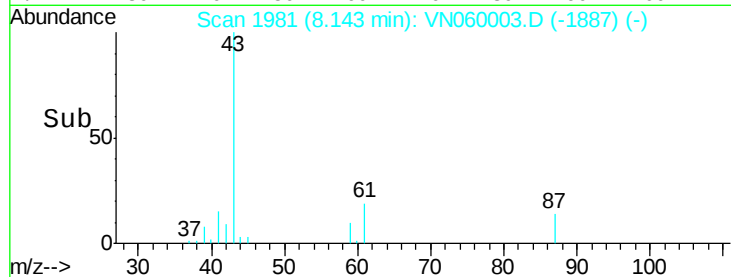
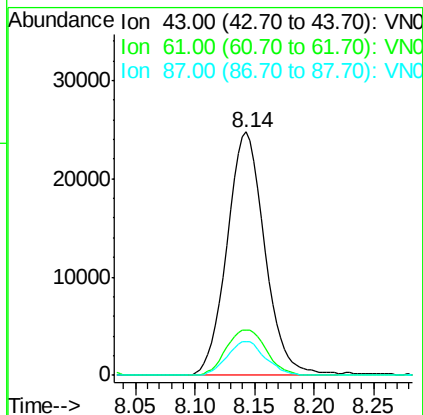
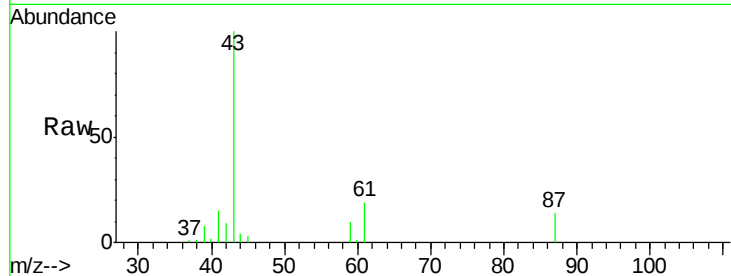


#43

Isopropyl Acetate
 Concen: 12.562 ug/l
 RT: 8.14 min Scan# 1981
 Delta R.T. 0.00 min
 Lab File: VN060003.D
 Acq: 4 Feb 2020 18:35

Instrument :
 MSVOA_N
 ClientSampleId :
 PB126559ZHE#16

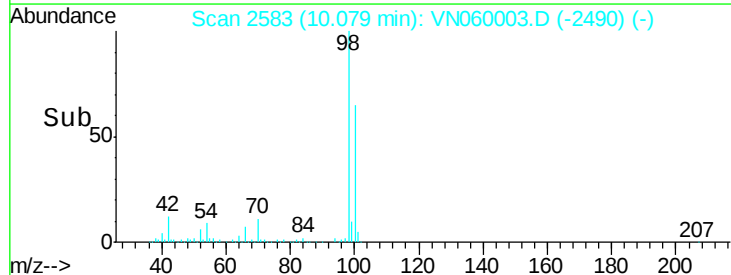
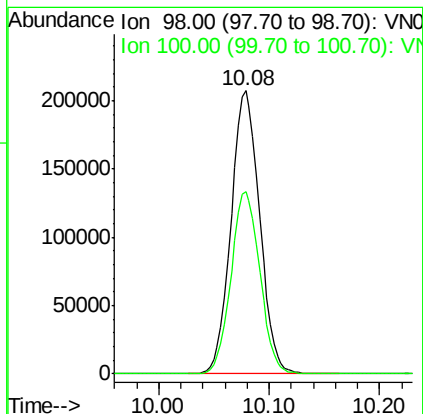
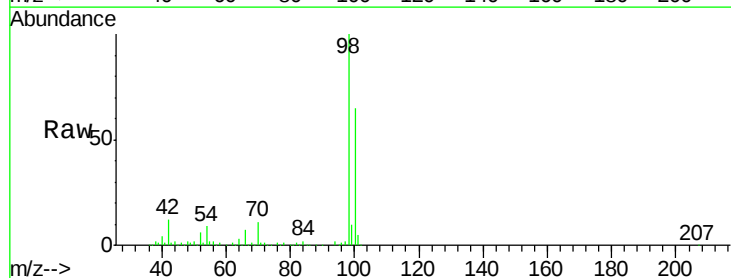
Tot Ion: 43 Resp: 54424
 Ion Ratio Lower Upper
 43 100
 61 19.8 20.2 30.2#
 87 13.9 9.5 14.3

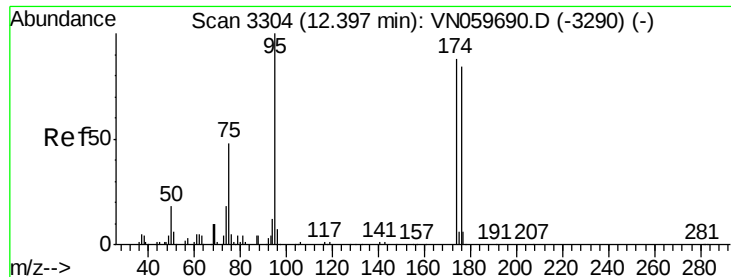


#50

Toluene-d8
 Concen: 52.365 ug/l
 RT: 10.08 min Scan# 2583
 Delta R.T. 0.00 min
 Lab File: VN060003.D
 Acq: 4 Feb 2020 18:35

Tgt Ion: 98 Resp: 373109
 Ion Ratio Lower Upper
 98 100
 100 64.8 51.2 76.8

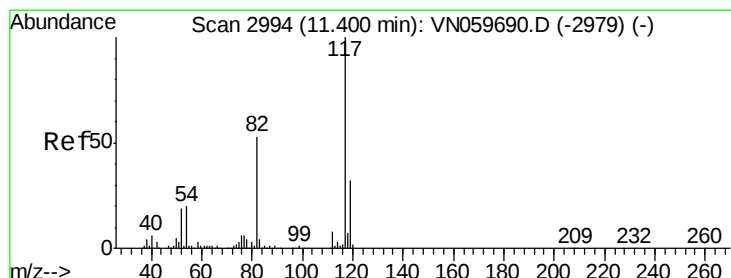
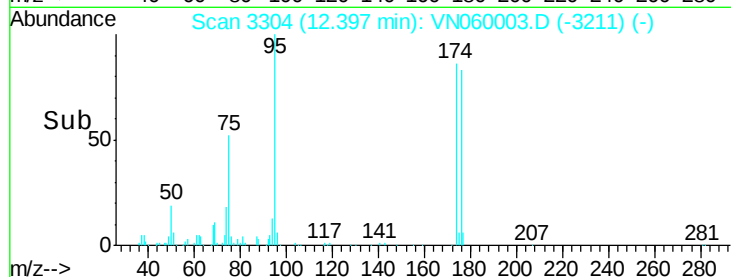
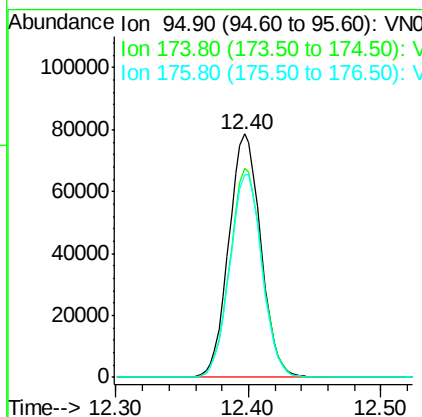
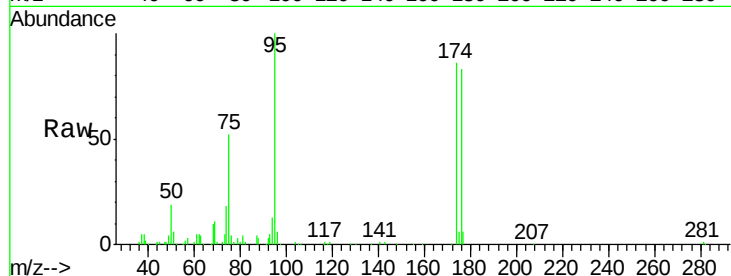




#62
4-Bromofluorobenzene
Concen: 51.384 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. 0.00 min
Lab File: VN060003.D
Acq: 4 Feb 2020 18:35

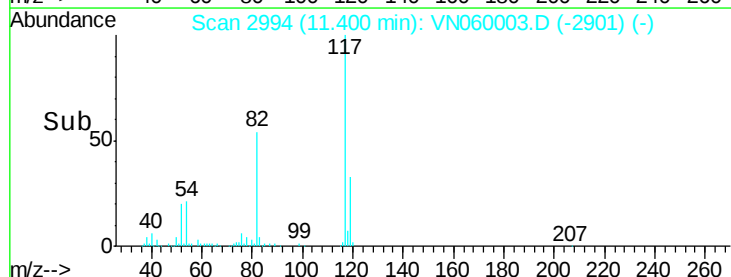
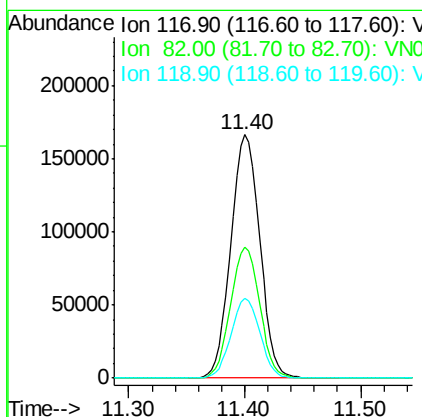
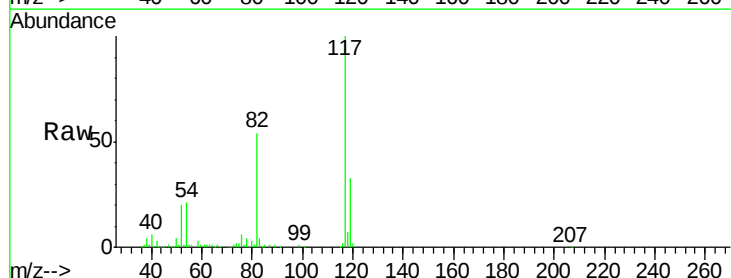
Instrument :
MSVOA_N
ClientSampleId :
PB126559ZHE#16

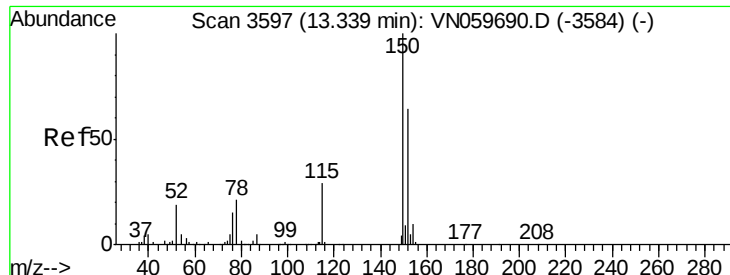
Tot Ion: 95 Resp: 131985
Ion Ratio Lower Upper
95 100
174 86.3 0.0 151.4
176 83.8 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN060003.D
Acq: 4 Feb 2020 18:35

Tgt Ion: 117 Resp: 287430
Ion Ratio Lower Upper
117 100
82 54.0 45.9 68.9
119 32.7 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. 0.00 min

Lab File: VN060003.D

Acq: 4 Feb 2020 18:35

Instrument :

MSVOA_N

ClientSampleId :

PB126559ZHE#16

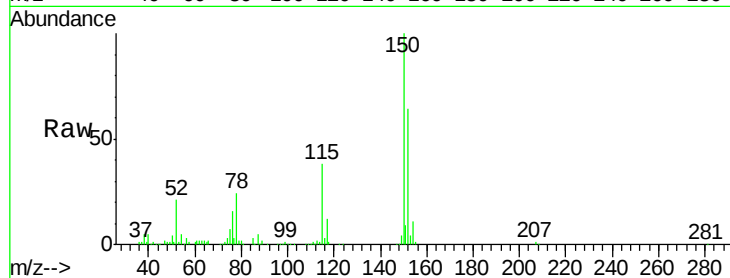
Tot Ion:152 Resp: 126865

Ion Ratio Lower Upper

152 100

115 59.2 30.3 90.9

150 158.9 0.0 345.2



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

