

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032720\
 Data File : VN060746.D
 Acq On : 27 Mar 2020 16:46
 Operator : JC/MD
 Sample : PB127814ZHE#11
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB127814ZHE#11

Quant Time: Mar 30 01:00:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 18 08:49:09 2020
 Response via : Initial Calibration

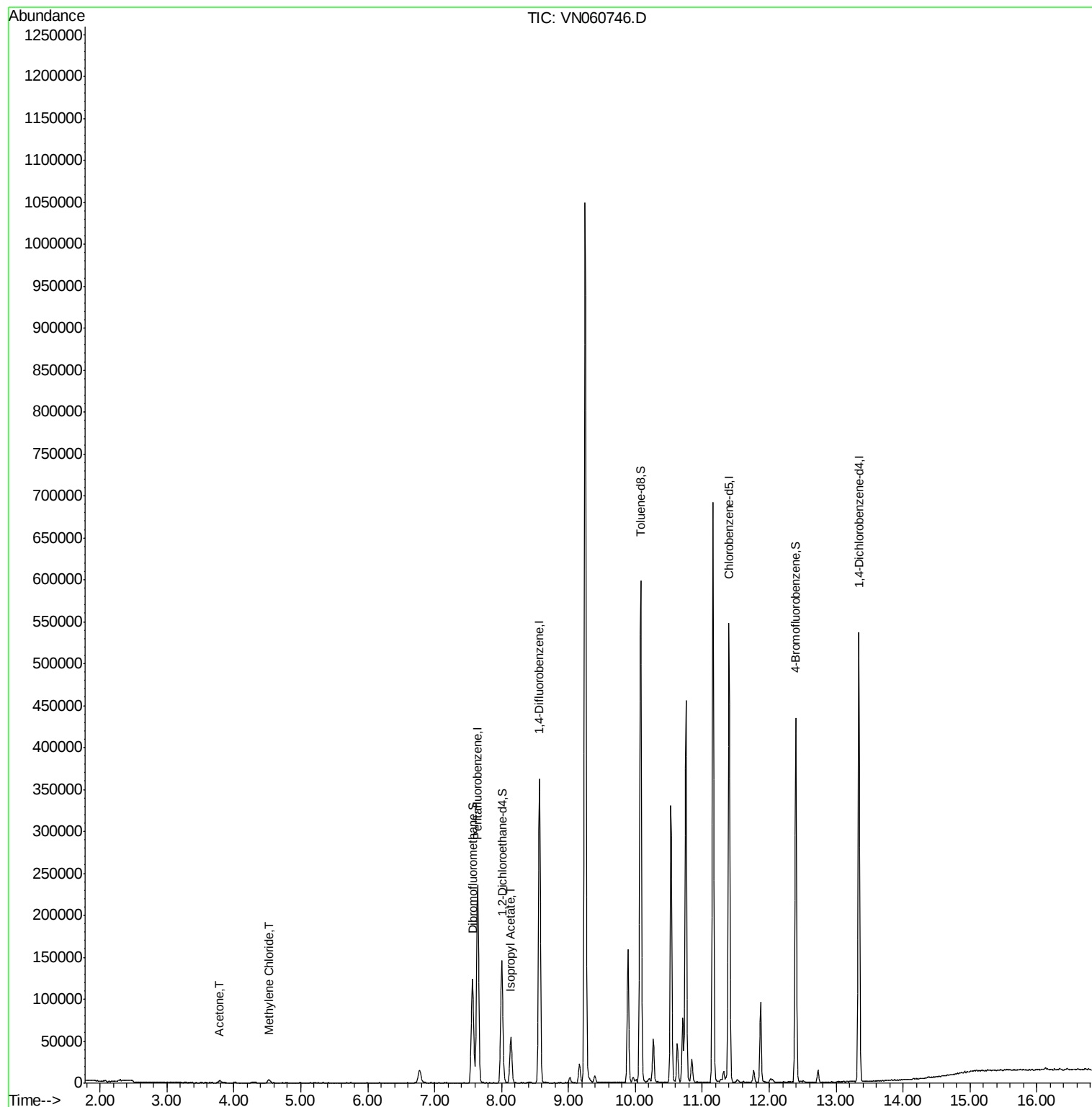
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	191777	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	321619	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	306018	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	140474	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	125863	47.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.62%	
35) Dibromofluoromethane	7.56	113	97487	50.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.26%	
50) Toluene-d8	10.08	98	400849	50.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.92%	
62) 4-Bromofluorobenzene	12.40	95	150818	51.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.62%	
Target Compounds						
16) Acetone	3.79	43	5489	5.886	ug/l	98
20) Methylene Chloride	4.53	84	2941	1.282	ug/l	95
43) Isopropyl Acetate	8.14	43	65618	11.824	ug/l #	91

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN060746.D

Acq: 27 Mar 2020 16:46

Instrument :

MSVOA_N

ClientSampleId :

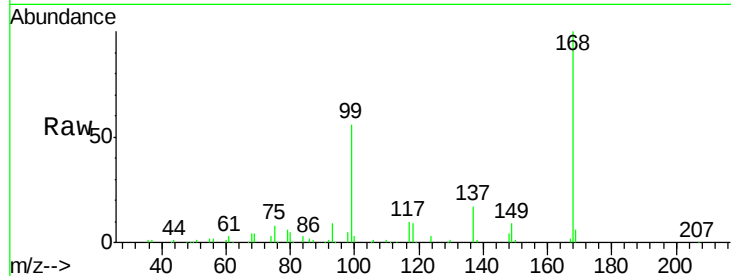
PB127814ZHE#11

Tot Ion:168 Resp: 191777

Ion Ratio Lower Upper

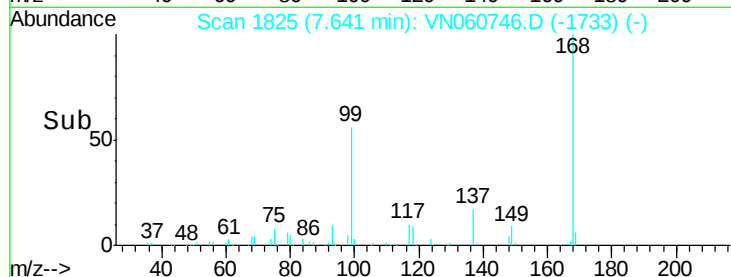
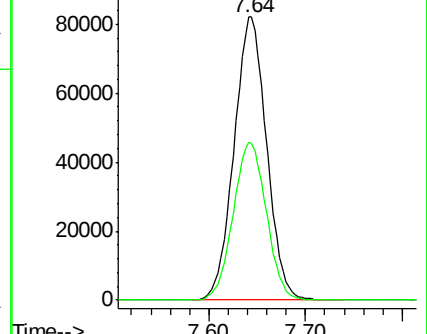
168 100

99 55.8 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 5.886 ug/l

RT: 3.79 min Scan# 626

Delta R.T. 0.01 min

Lab File: VN060746.D

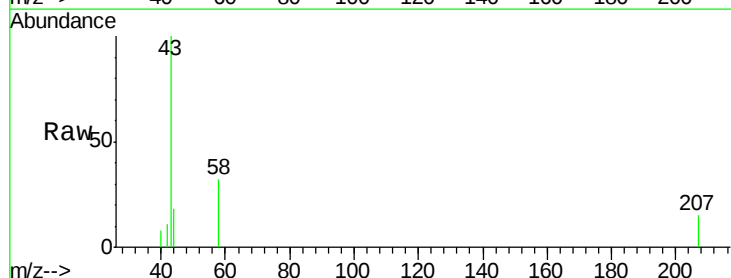
Acq: 27 Mar 2020 16:46

Tgt Ion: 43 Resp: 5489

Ion Ratio Lower Upper

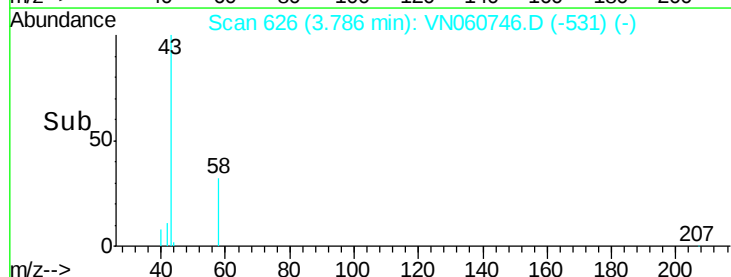
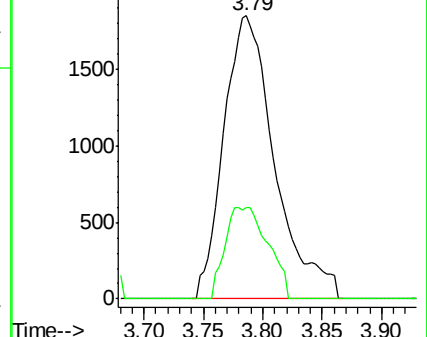
43 100

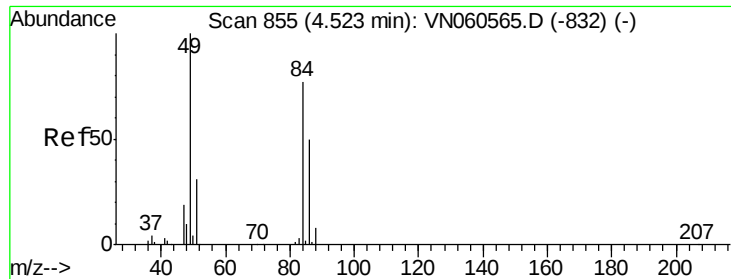
58 32.3 25.1 37.7



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

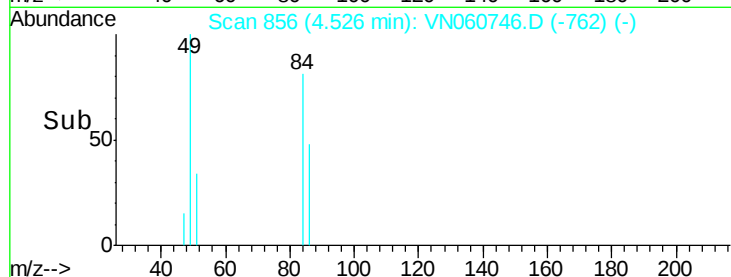
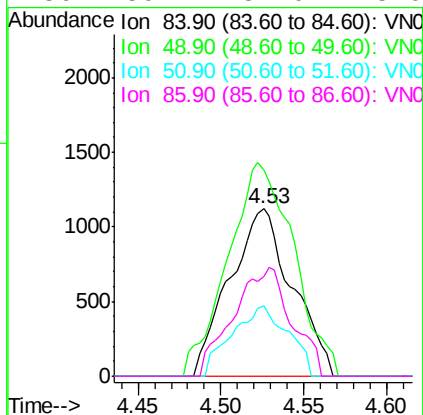
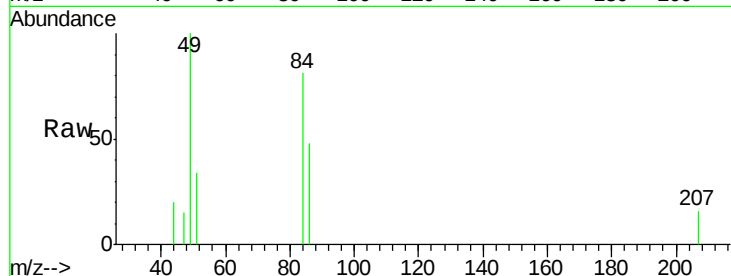




#20
Methylene Chloride
Concen: 1.282 ug/l
RT: 4.53 min Scan# 856
Delta R.T. 0.00 min
Lab File: VN060746.D
Acq: 27 Mar 2020 16:46

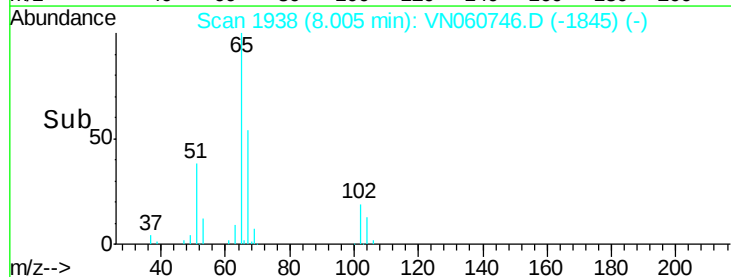
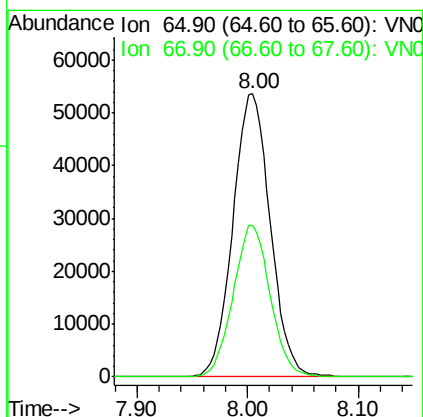
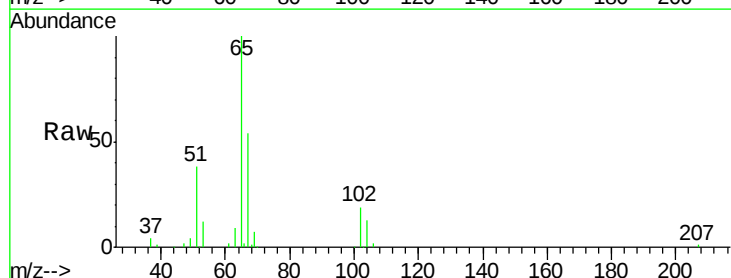
Instrument :
MSVOA_N
ClientSampleId :
PB127814ZHE#11

Tot Ion:	84	Resp:	2941
Ion	Ratio	Lower	Upper
84	100		
49	123.4	103.3	154.9
51	41.8	31.6	47.4
86	59.7	52.0	78.0



#33
1,2-Dichloroethane-d4
Concen: 47.808 ug/l
RT: 8.00 min Scan# 1938
Delta R.T. -0.00 min
Lab File: VN060746.D
Acq: 27 Mar 2020 16:46

Tgt Ion:	65	Resp:	125863
Ion	Ratio	Lower	Upper
65	100		
67	53.1	0.0	107.6

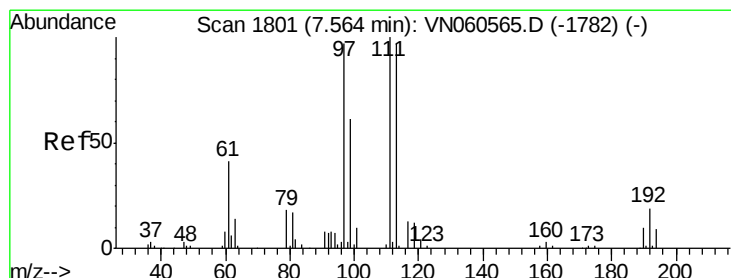
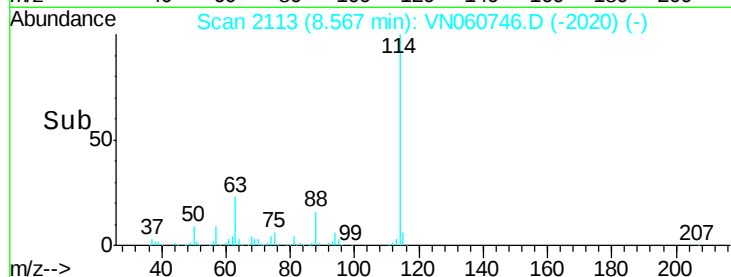
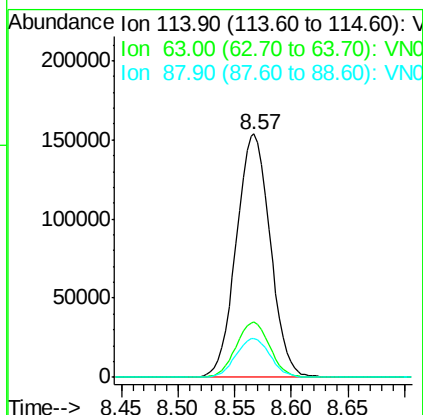
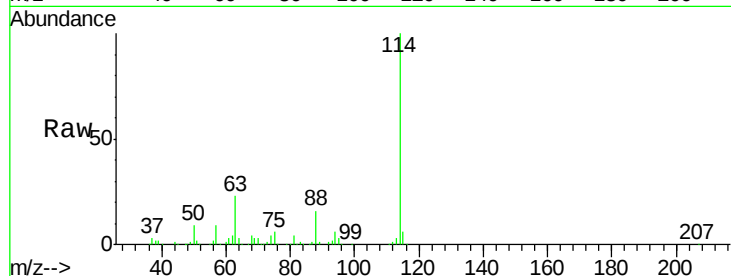




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: VN060746.D
 Acq: 27 Mar 2020 16:46

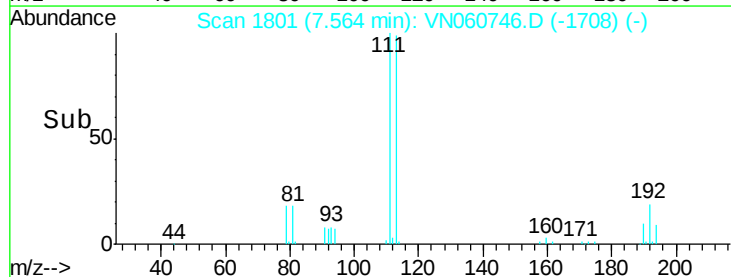
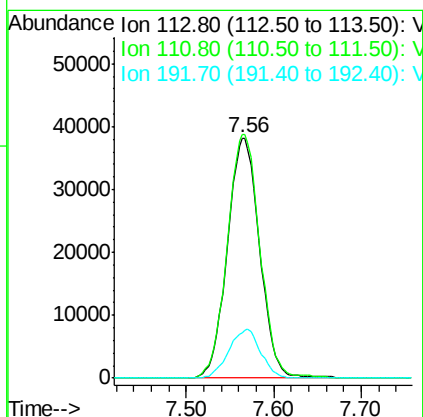
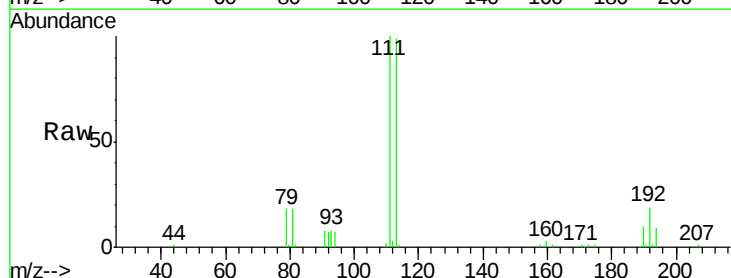
Instrument :
 MSVOA_N
 ClientSampleId :
 PB127814ZHE#11

Tot Ion:114	Resp:	321619
Ion	Ratio	Lower Upper
114	100	
63	22.6	0.0 43.8
88	16.1	0.0 33.0



#35
 Dibromofluoromethane
 Concen: 50.129 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: VN060746.D
 Acq: 27 Mar 2020 16:46

Tgt Ion:113	Resp:	97487
Ion	Ratio	Lower Upper
113	100	
111	101.9	82.9 124.3
192	19.9	15.8 23.8





#43

Isopropyl Acetate

Concen: 11.824 ug/l

RT: 8.14 min Scan# 1980

Delta R.T. -0.00 min

Lab File: VN060746.D

Acq: 27 Mar 2020 16:46

Instrument :

MSVOA_N

ClientSampleId :

PB127814ZHE#11

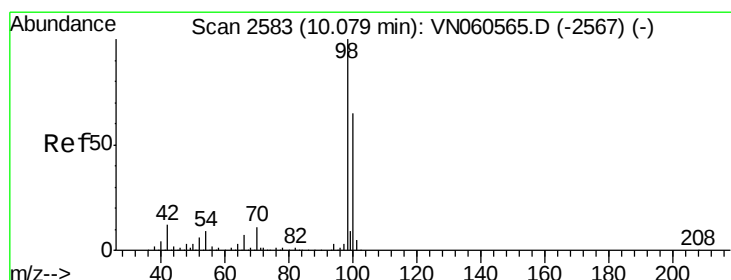
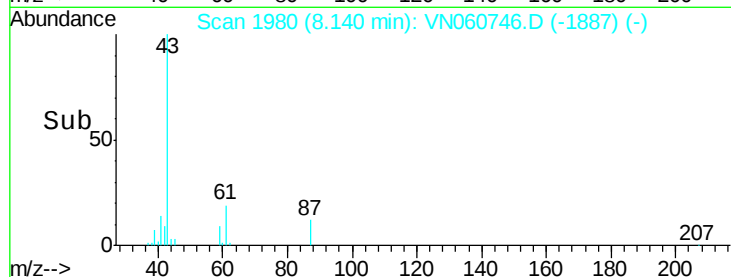
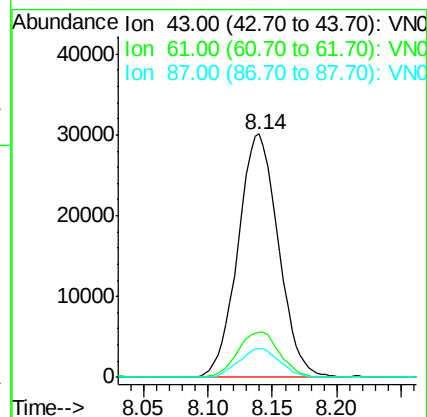
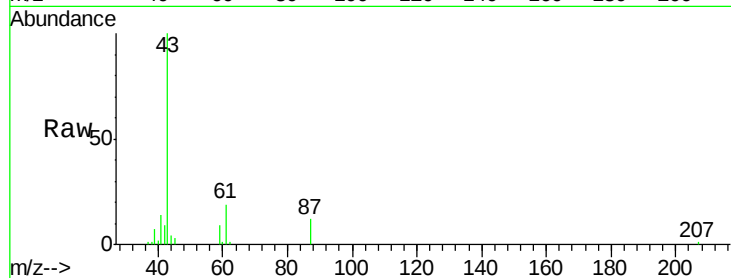
Tot Ion: 43 Resp: 65618

Ion Ratio Lower Upper

43 100

61 19.1 20.7 31.1#

87 11.9 9.8 14.8



#50

Toluene-d8

Concen: 50.463 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. -0.00 min

Lab File: VN060746.D

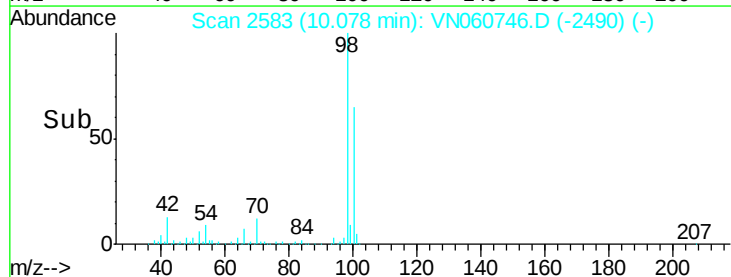
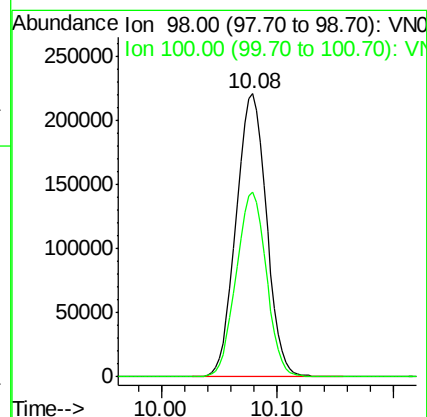
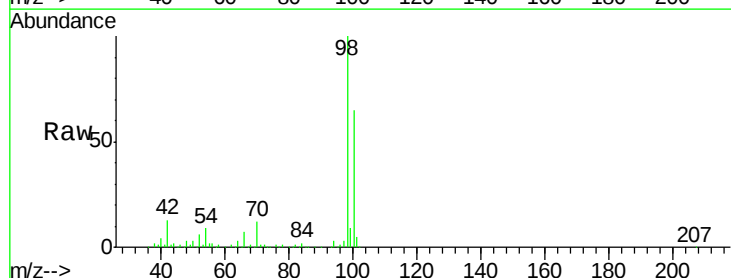
Acq: 27 Mar 2020 16:46

Tgt Ion: 98 Resp: 400849

Ion Ratio Lower Upper

98 100

100 64.7 51.8 77.8





#62

4-Bromofluorobenzene

Concen: 51.807 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.00 min

Lab File: VN060746.D

Acq: 27 Mar 2020 16:46

Instrument :

MSVOA_N

ClientSampleId :

PB127814ZHE#11

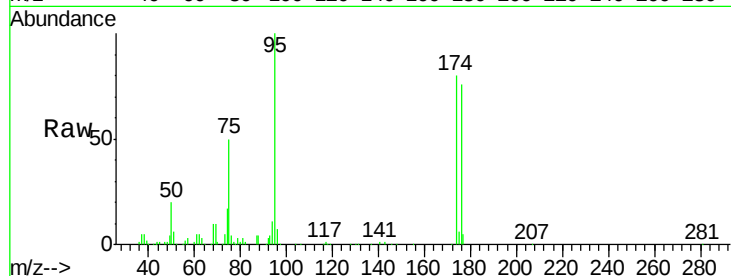
Tot Ion: 95 Resp: 150818

Ion Ratio Lower Upper

95 100

174 78.6 0.0 157.6

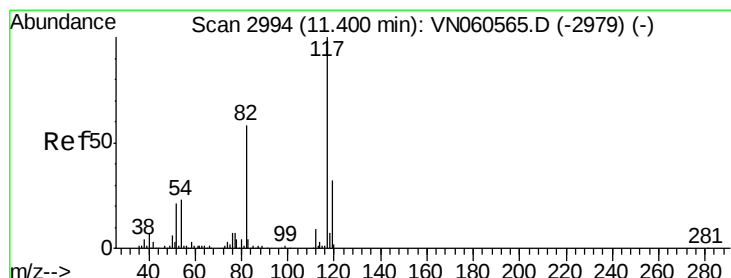
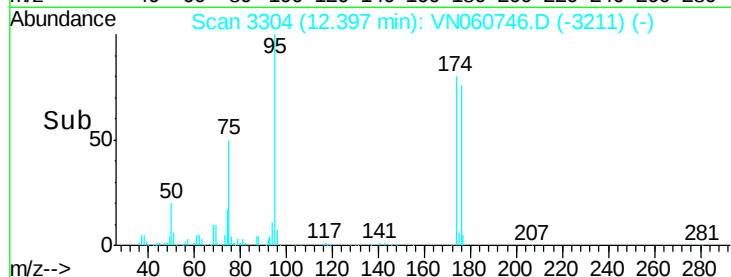
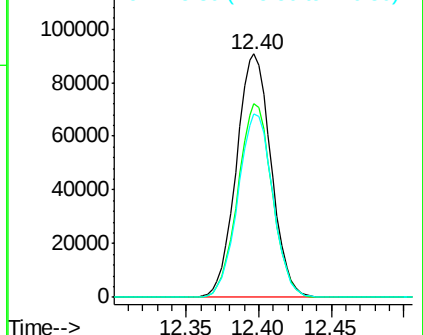
176 75.7 0.0 150.6



Abundance Ion 94.90 (94.60 to 95.60): VN060746.D (-3211) (-)

Ion 173.80 (173.50 to 174.50): VN060746.D (-3211) (-)

Ion 175.80 (175.50 to 176.50): VN060746.D (-3211) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. -0.00 min

Lab File: VN060746.D

Acq: 27 Mar 2020 16:46

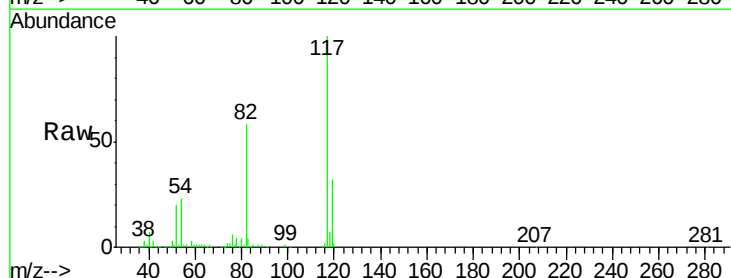
Tgt Ion: 117 Resp: 306018

Ion Ratio Lower Upper

117 100

82 58.5 46.7 70.1

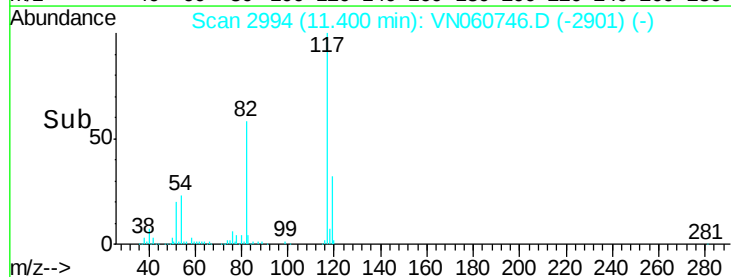
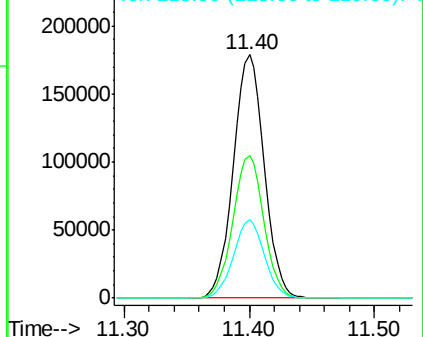
119 32.0 25.5 38.3



Abundance Ion 116.90 (116.60 to 117.60): VN060746.D (-2901) (-)

Ion 82.00 (81.70 to 82.70): VN060746.D (-2901) (-)

Ion 118.90 (118.60 to 119.60): VN060746.D (-2901) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. -0.00 min

Lab File: VN060746.D

Acq: 27 Mar 2020 16:46

Instrument :

MSVOA_N

ClientSampleId :

PB127814ZHE#11

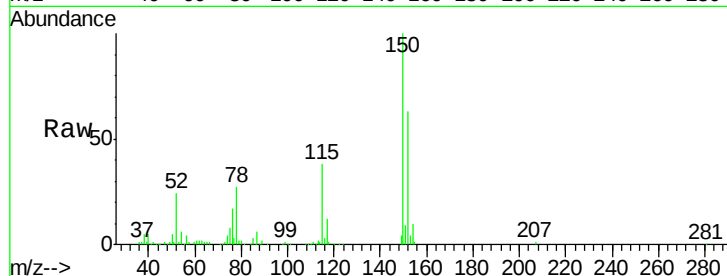
Tot Ion:152 Resp: 140474

Ion Ratio Lower Upper

152 100

115 60.0 30.2 90.6

150 158.1 0.0 350.2



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

