

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031220\
 Data File : VN060481.D
 Acq On : 12 Mar 2020 15:56
 Operator : JC/MD
 Sample : PB127465ZHE#03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB127465ZHE#03

Quant Time: Mar 13 03:56:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022720W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 27 13:52:50 2020
 Response via : Initial Calibration

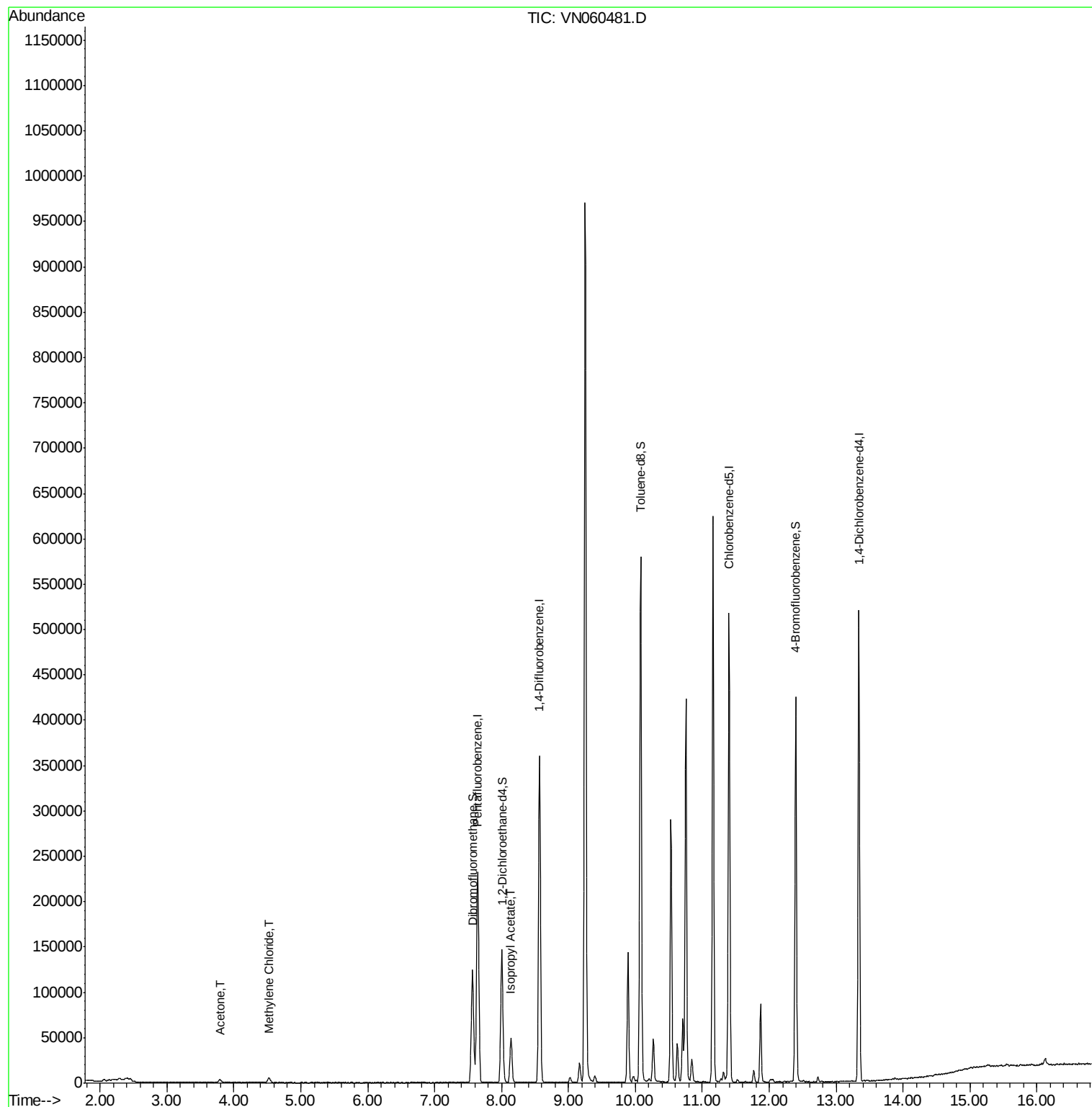
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	193149	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	318952	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	296816	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	136701	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	125945	50.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.64%	
35) Dibromofluoromethane	7.57	113	95252	64.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	128.68%	
50) Toluene-d8	10.08	98	391147	52.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.40%	
62) 4-Bromofluorobenzene	12.40	95	145820	51.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.68%	
Target Compounds						
16) Acetone	3.79	43	6754	8.440	ug/l	96
20) Methylene Chloride	4.53	84	4130	1.879	ug/l	92
43) Isopropyl Acetate	8.14	43	58530	11.616	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: VN060481.D

Acq: 12 Mar 2020 15:56

Instrument :

MSVOA_N

ClientSampleId :

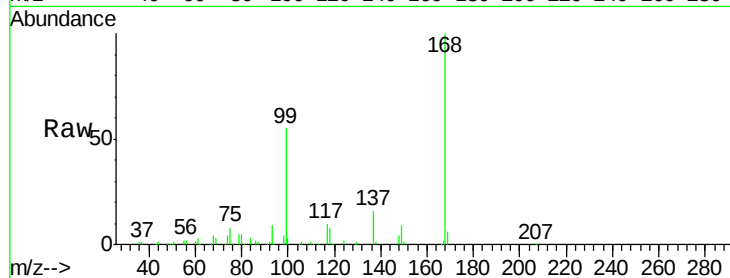
PB127465ZHE#03

Tot Ion:168 Resp: 193149

Ion Ratio Lower Upper

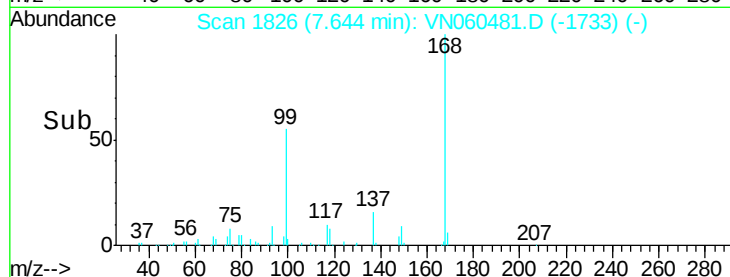
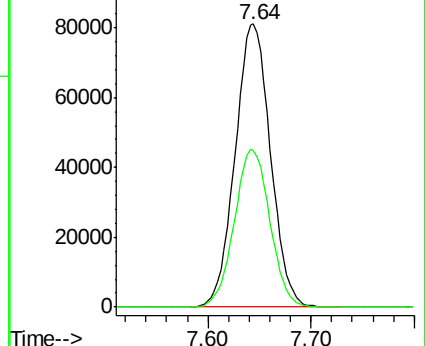
168 100

99 55.3 44.7 67.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#16

Acetone

Concen: 8.440 ug/l

RT: 3.79 min Scan# 628

Delta R.T. 0.01 min

Lab File: VN060481.D

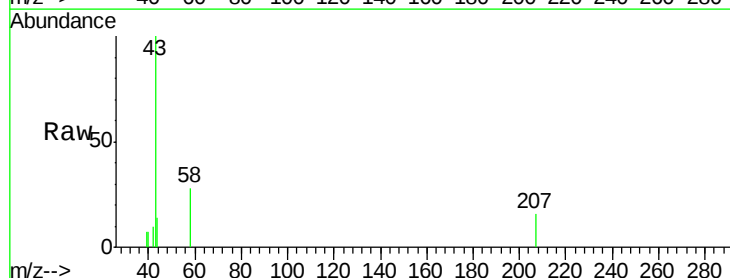
Acq: 12 Mar 2020 15:56

Tgt Ion: 43 Resp: 6754

Ion Ratio Lower Upper

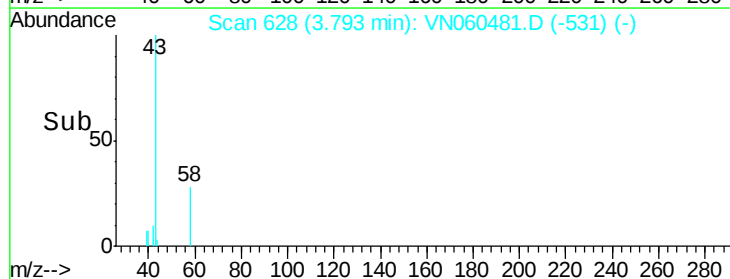
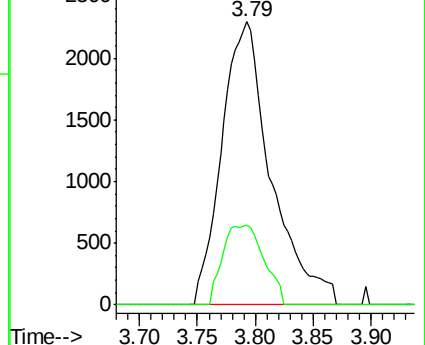
43 100

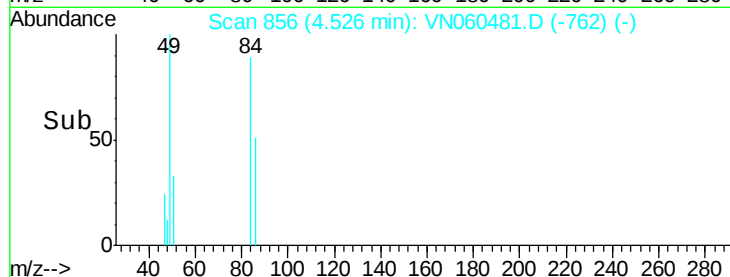
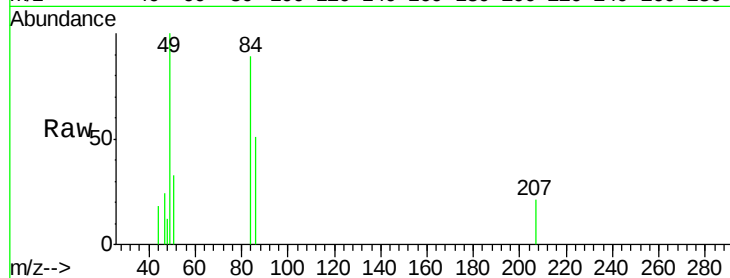
58 28.4 24.6 36.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

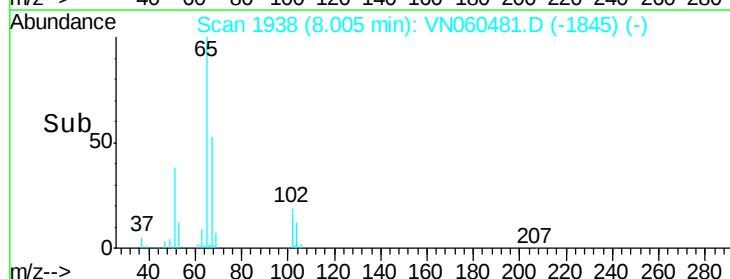
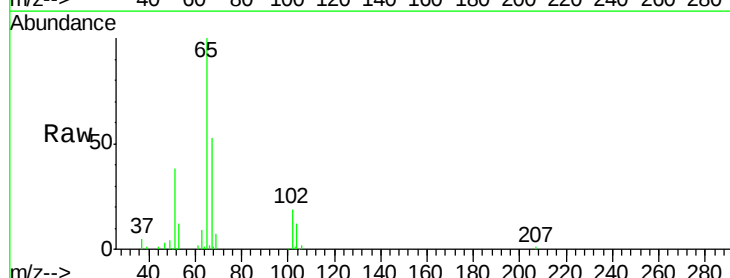
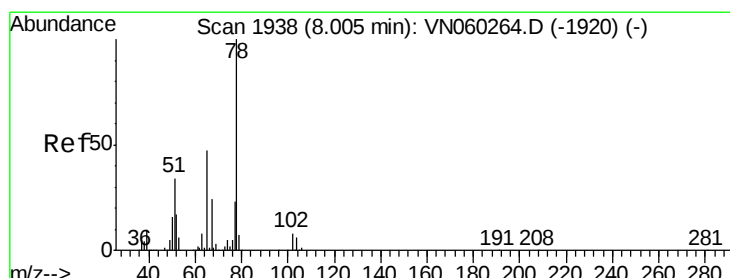
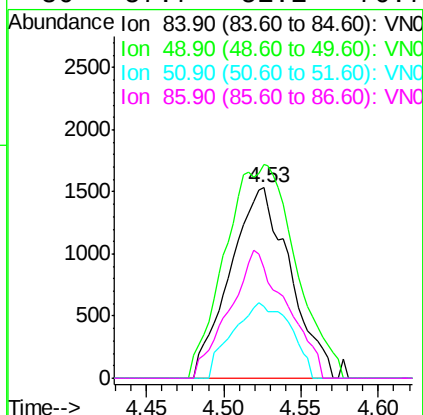




#20
Methvlene Chloride
Concen: 1.879 ug/l
RT: 4.53 min Scan# 856
Delta R.T. 0.00 min
Lab File: VN060481.D
Acq: 12 Mar 2020 15:56

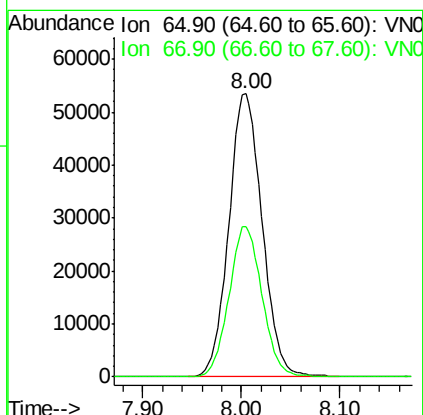
Instrument :
MSVOA_N
ClientSampleId :
PB127465ZHE#03

Tot Ion: 84 Resp: 4130
Ion Ratio Lower Upper
84 100
49 112.2 99.3 148.9
51 37.5 30.1 45.1
86 57.7 51.1 76.7



#33
1,2-Dichloroethane-d4
Concen: 50.823 ug/l
RT: 8.00 min Scan# 1938
Delta R.T. 0.00 min
Lab File: VN060481.D
Acq: 12 Mar 2020 15:56

Tgt Ion: 65 Resp: 125945
Ion Ratio Lower Upper
65 100
67 52.6 0.0 103.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2113

Delta R.T. 0.00 min

Lab File: VN060481.D

Acq: 12 Mar 2020 15:56

Instrument :

MSVOA_N

ClientSampleId :

PB127465ZHE#03

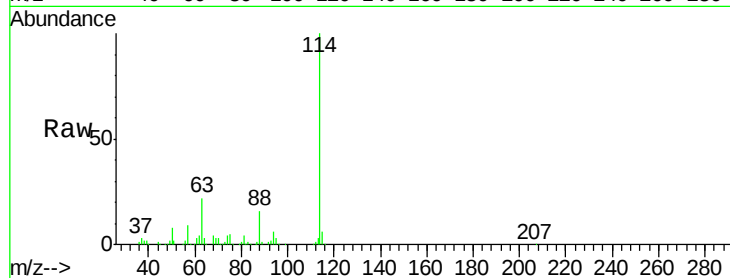
Tot Ion:114 Resp: 318952

Ion Ratio Lower Upper

114 100

63 21.8 0.0 43.2

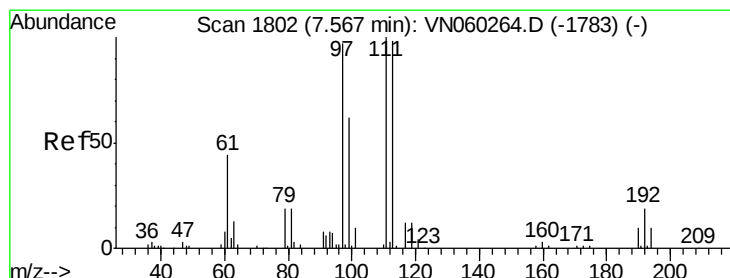
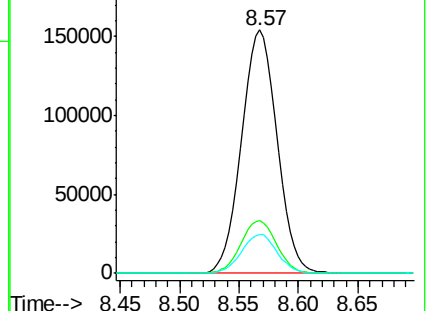
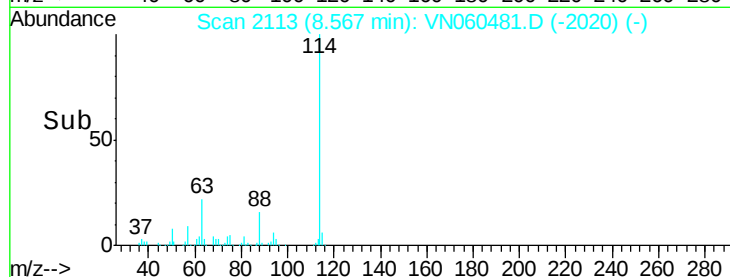
88 16.0 0.0 31.6



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: 64.339 ug/l

RT: 7.57 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VN060481.D

Acq: 12 Mar 2020 15:56

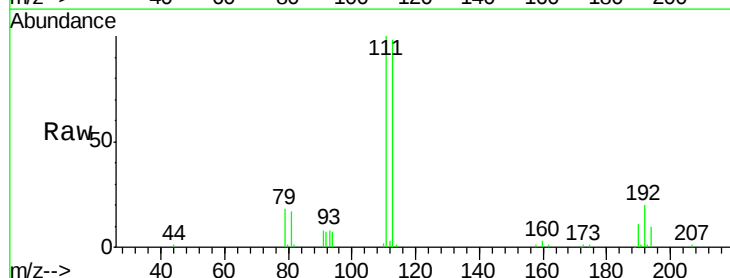
Tgt Ion:113 Resp: 95252

Ion Ratio Lower Upper

113 100

111 102.4 82.4 123.6

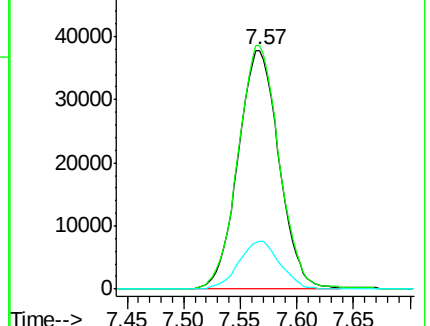
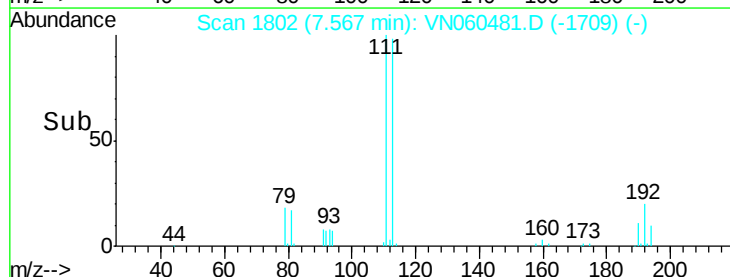
192 20.1 16.2 24.2

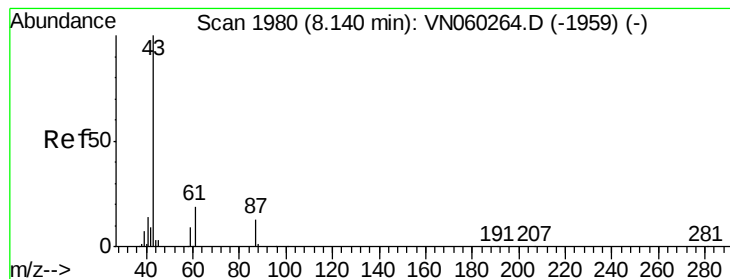


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 11.616 ug/l

RT: 8.14 min Scan# 1980

Delta R.T. 0.00 min

Lab File: VN060481.D

Acq: 12 Mar 2020 15:56

Instrument :

MSVOA_N

ClientSampleId :

PB127465ZHE#03

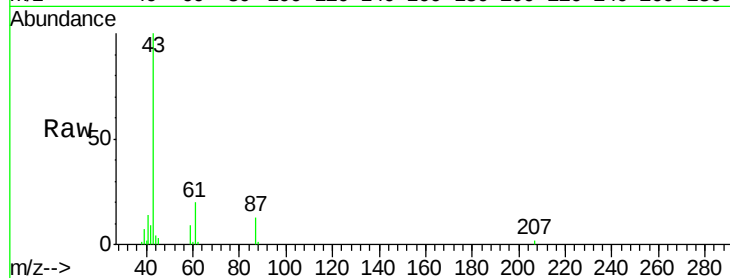
Tot Ion: 43 Resp: 58530

Ion Ratio Lower Upper

43 100

61 19.3 20.9 31.3#

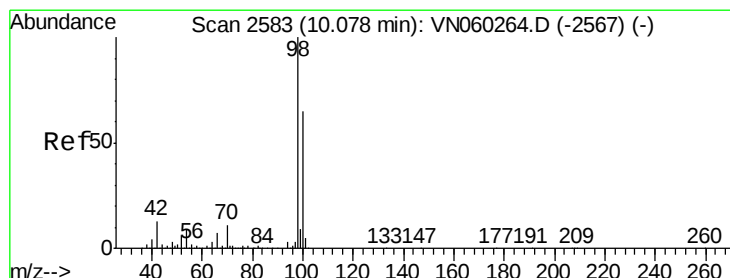
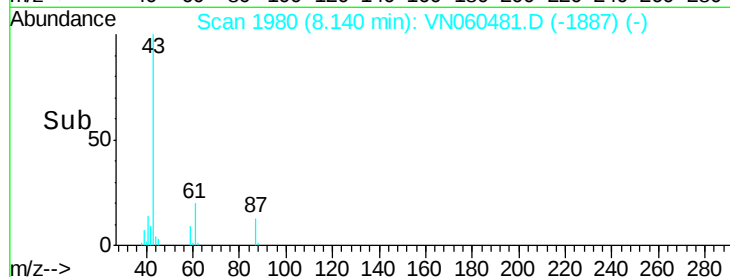
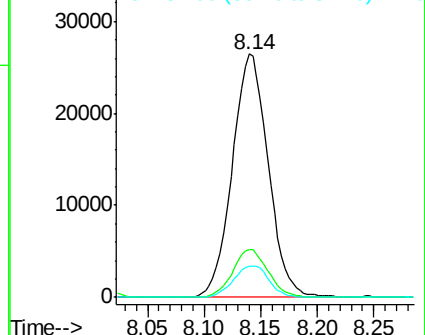
87 12.6 10.6 16.0



Abundance Ion 43.00 (42.70 to 43.70): VN060264.D (-1959) (-)

Ion 61.00 (60.70 to 61.70): VN060264.D (-1959) (-)

Ion 87.00 (86.70 to 87.70): VN060264.D (-1959) (-)



#50

Toluene-d8

Concen: 52.203 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. 0.00 min

Lab File: VN060481.D

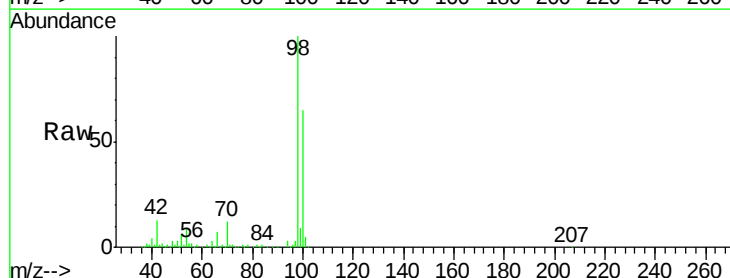
Acq: 12 Mar 2020 15:56

Tgt Ion: 98 Resp: 391147

Ion Ratio Lower Upper

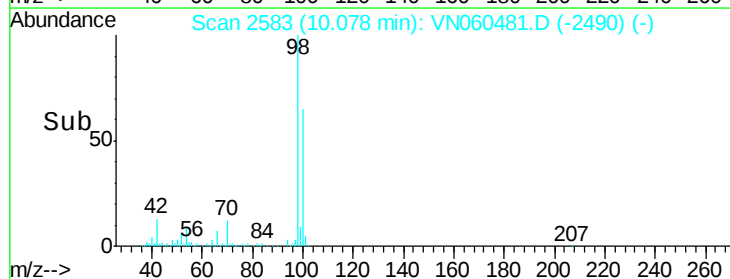
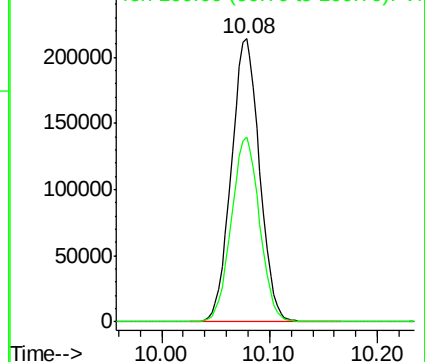
98 100

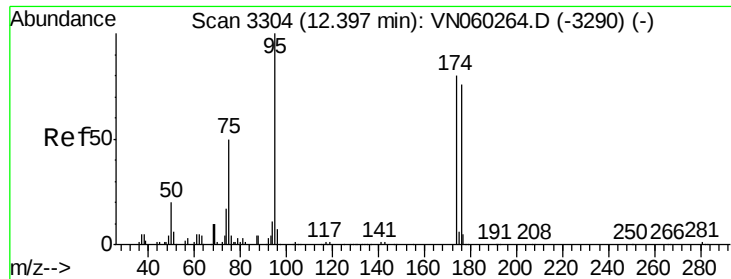
100 65.1 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VN060264.D (-2567) (-)

Ion 100.00 (99.70 to 100.70): VN060264.D (-2567) (-)

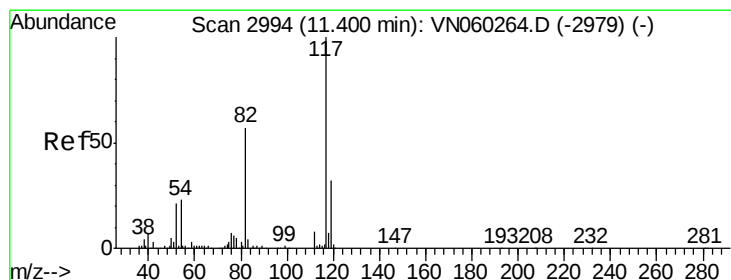
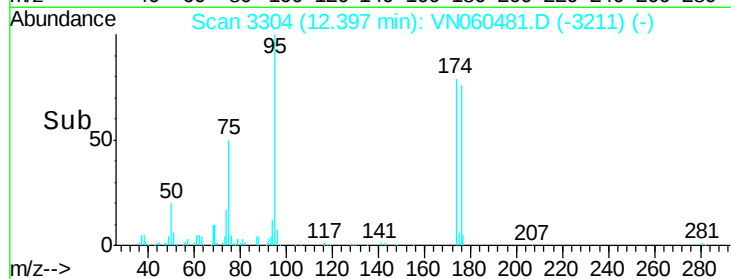
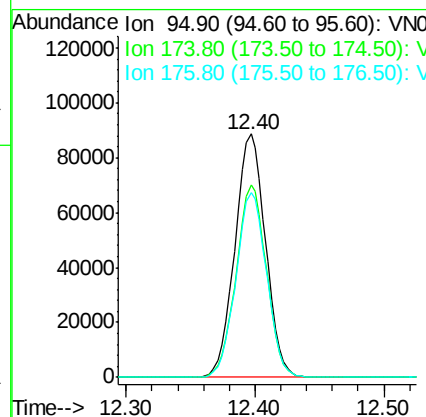
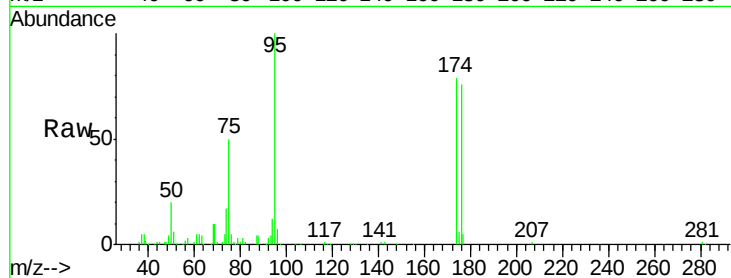




#62
4-Bromofluorobenzene
Concen: 51.339 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. 0.00 min
Lab File: VN060481.D
Acq: 12 Mar 2020 15:56

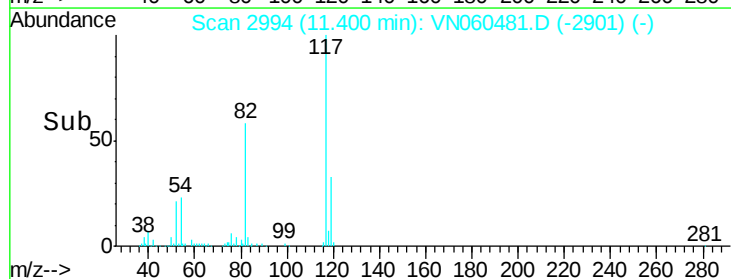
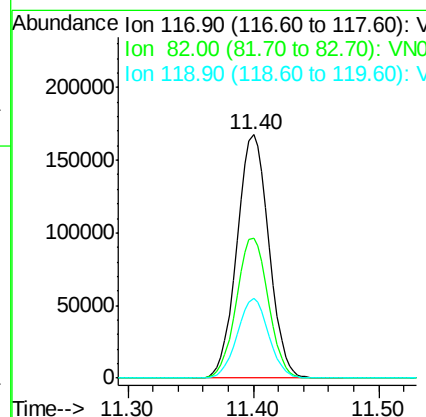
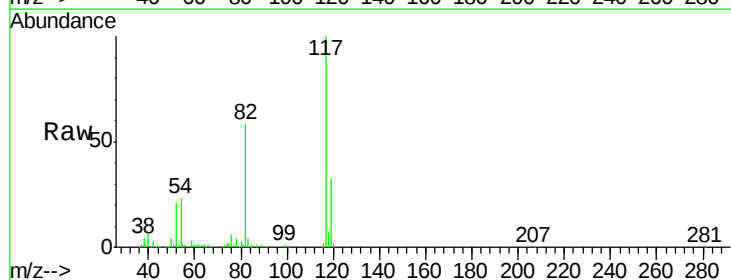
Instrument :
MSVOA_N
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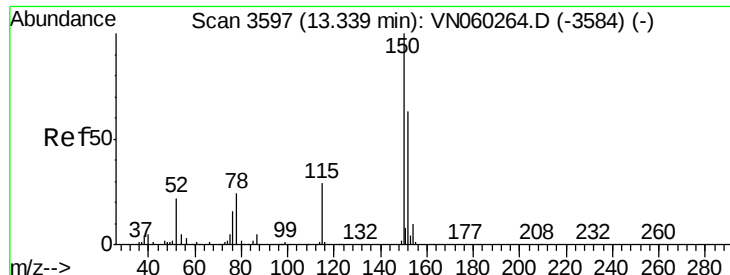
Tot Ion: 95 Resp: 145820
Ion Ratio Lower Upper
95 100
174 78.5 0.0 159.2
176 76.3 0.0 153.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN060481.D
Acq: 12 Mar 2020 15:56

Tgt Ion: 117 Resp: 296816
Ion Ratio Lower Upper
117 100
82 57.6 45.8 68.6
119 32.6 25.8 38.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. 0.00 min

Lab File: VN060481.D

Acq: 12 Mar 2020 15:56

Instrument :

MSVOA_N

ClientSampleId :

PB127465ZHE#03

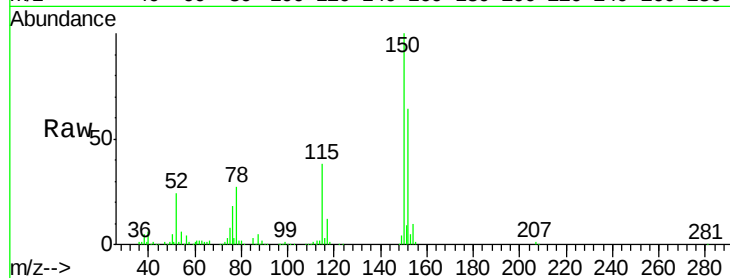
Tot Ion:152 Resp: 136701

Ion Ratio Lower Upper

152 100

115 59.6 30.0 90.0

150 157.5 0.0 349.6



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

