

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031320\
 Data File : VN060500.D
 Acq On : 13 Mar 2020 14:19
 Operator : JC/MD
 Sample : PB127506ZHE#01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB127506ZHE#01

Quant Time: Mar 16 08:46:35 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

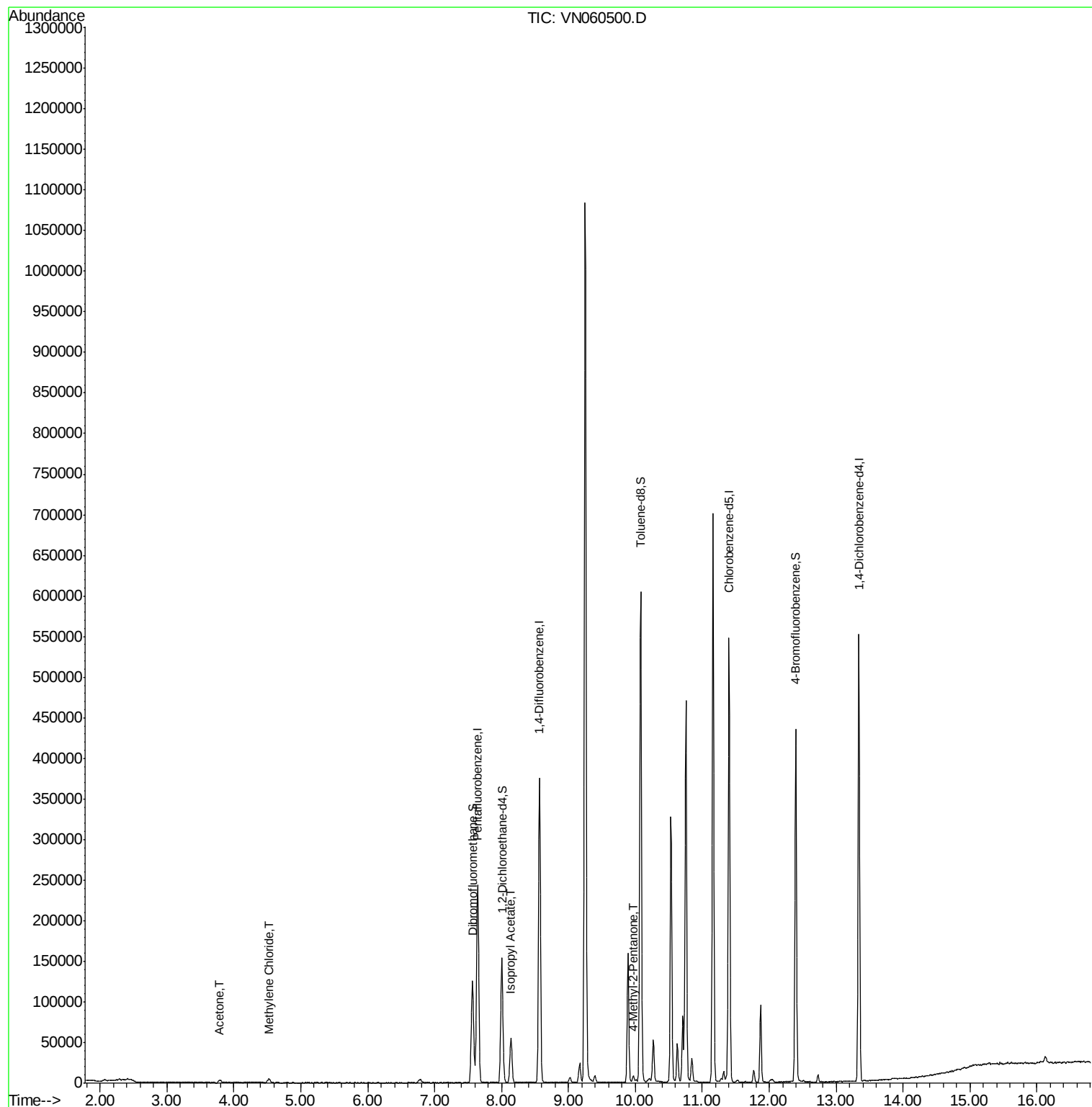
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	200591	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	330920	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	307302	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	143837	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	130835	50.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.68%	
35) Dibromofluoromethane	7.57	113	97253	63.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	126.62%	
50) Toluene-d8	10.08	98	408476	52.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.08%	
62) 4-Bromofluorobenzene	12.40	95	151630	51.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.90%	
Target Compounds						
16) Acetone	3.79	43	6639	7.988	ug/l	98
20) Methylene Chloride	4.52	84	3809	1.669	ug/l	91
43) Isopropyl Acetate	8.14	43	66988	12.813	ug/l #	91
51) 4-Methyl-2-Pentanone	9.97	43	5844	1.972	ug/l	90

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

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QLast Update : Thu Feb 27 13:52:50 2020
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VN060500.D

Acq: 13 Mar 2020 14:19

Instrument :

MSVOA_N

ClientSampleId :

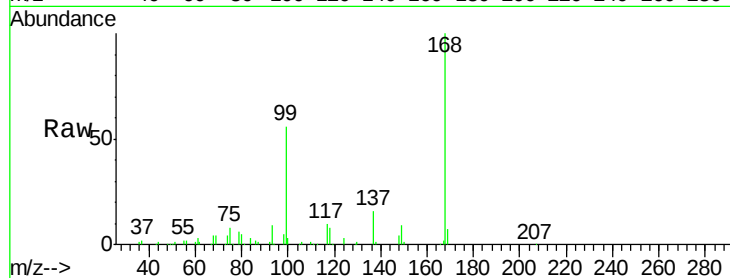
PB127506ZHE#01

Tot Ion:168 Resp: 200591

Ion Ratio Lower Upper

168 100

99 56.3 44.7 67.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.64

80000

60000

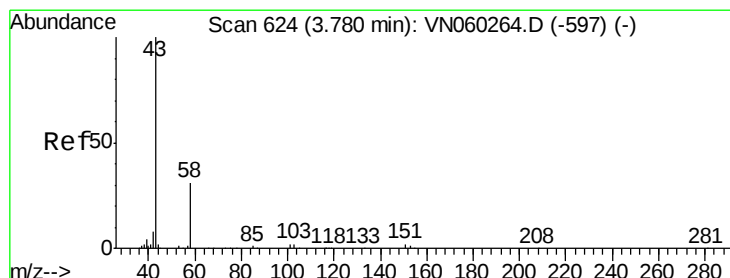
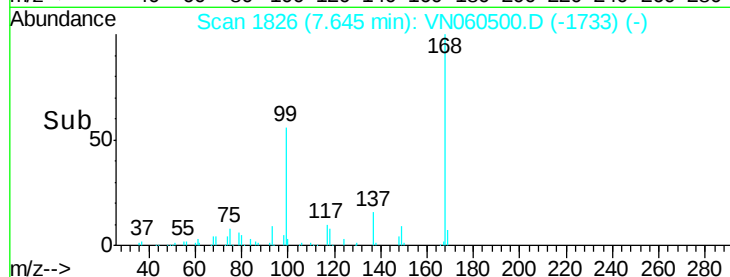
40000

20000

0

7.55 7.60 7.65 7.70 7.75

Time-->



#16

Acetone

Concen: 7.988 ug/l

RT: 3.79 min Scan# 626

Delta R.T. 0.01 min

Lab File: VN060500.D

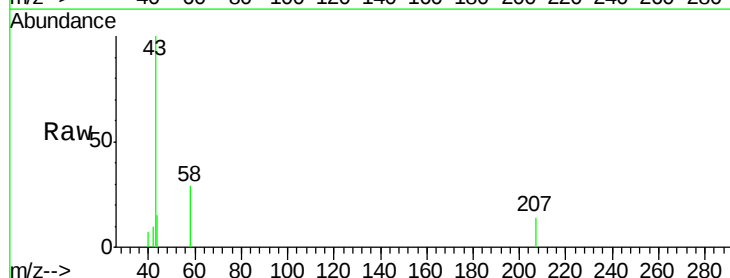
Acq: 13 Mar 2020 14:19

Tgt Ion: 43 Resp: 6639

Ion Ratio Lower Upper

43 100

58 29.5 24.6 36.8



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.79

2500

2000

1500

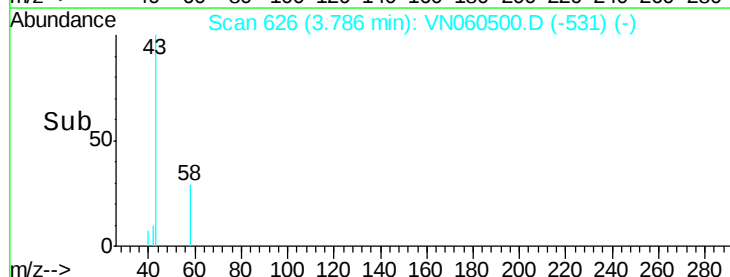
1000

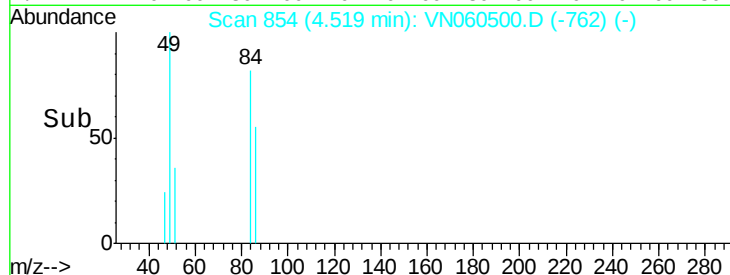
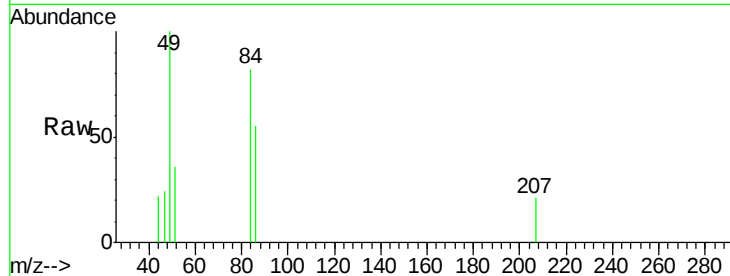
500

0

3.70 3.75 3.80 3.85 3.90

Time-->

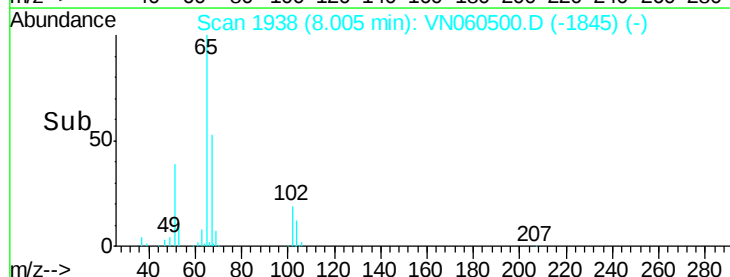
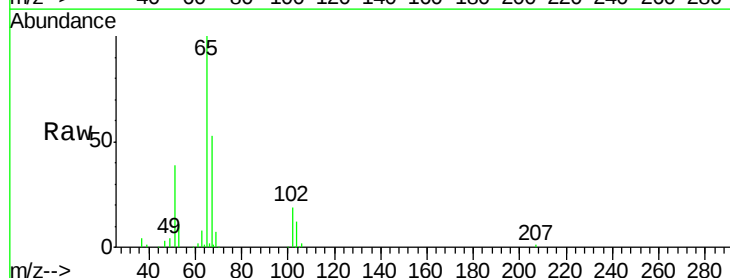
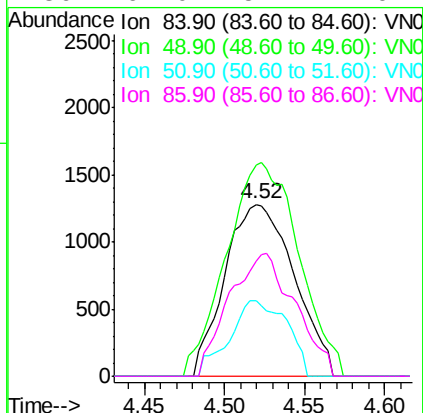




#20
Methvlene Chloride
Concen: 1.669 ug/l
RT: 4.52 min Scan# 854
Delta R.T. -0.00 min
Lab File: VN060500.D
Acq: 13 Mar 2020 14:19

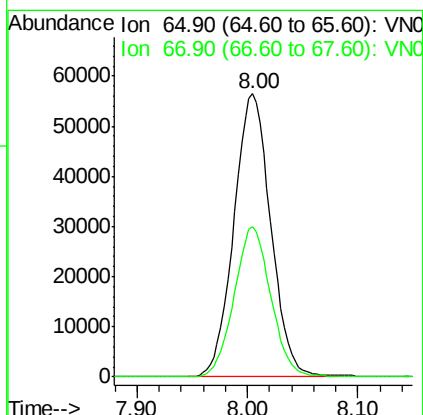
Instrument :
MSVOA_N
ClientSampleId :
PB127506ZHE#01

Tot Ion:	84	Resp:	3809
Ion	Ratio	Lower	Upper
84	100		
49	110.8	99.3	148.9
51	44.2	30.1	45.1
86	67.0	51.1	76.7



#33
1,2-Dichloroethane-d4
Concen: 50.837 ug/l
RT: 8.00 min Scan# 1938
Delta R.T. 0.00 min
Lab File: VN060500.D
Acq: 13 Mar 2020 14:19

Tgt Ion:	65	Resp:	130835
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: VN060500.D

Acq: 13 Mar 2020 14:19

Instrument :

MSVOA_N

ClientSampleId :

PB127506ZHE#01

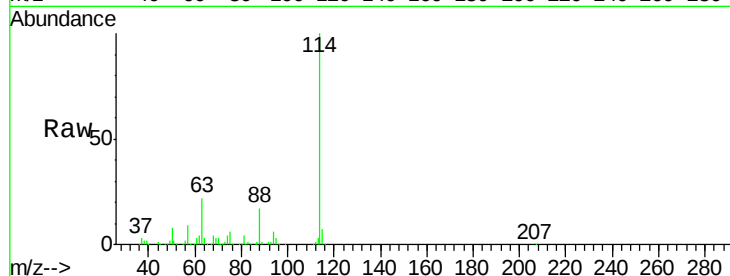
Tot Ion:114 Resp: 330920

Ion Ratio Lower Upper

114 100

63 21.6 0.0 43.2

88 16.7 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

200000

150000

100000

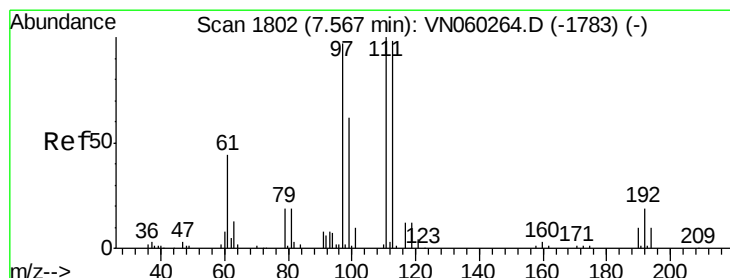
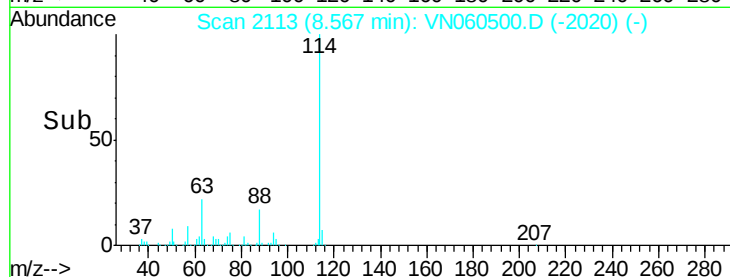
50000

0

8.57

8.50 8.60 8.70

Time-->



#35

Dibromofluoromethane

Concen: 63.315 ug/l

RT: 7.57 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VN060500.D

Acq: 13 Mar 2020 14:19

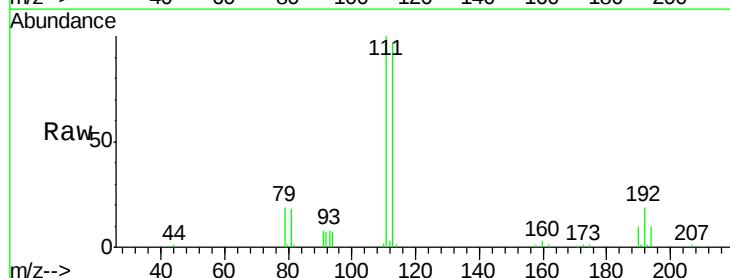
Tgt Ion:113 Resp: 97253

Ion Ratio Lower Upper

113 100

111 103.5 82.4 123.6

192 20.0 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

50000

40000

30000

20000

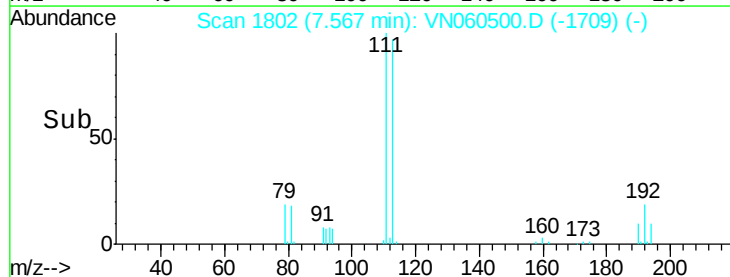
10000

0

7.57

7.50 7.60

Time-->





#43

Isopropyl Acetate

Concen: 12.813 ug/l

RT: 8.14 min Scan# 1980

Delta R.T. 0.00 min

Lab File: VN060500.D

Acq: 13 Mar 2020 14:19

Instrument :

MSVOA_N

ClientSampleId :

PB127506ZHE#01

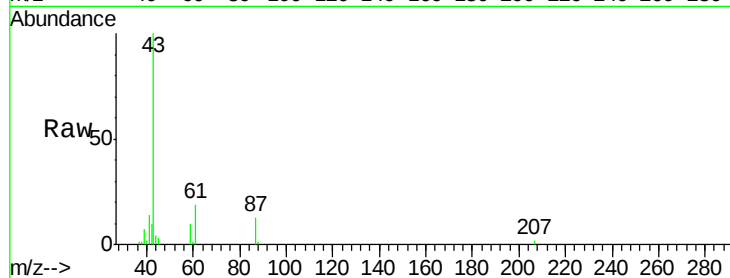
Tot Ion: 43 Resp: 66988

Ion Ratio Lower Upper

43 100

61 19.3 20.9 31.3#

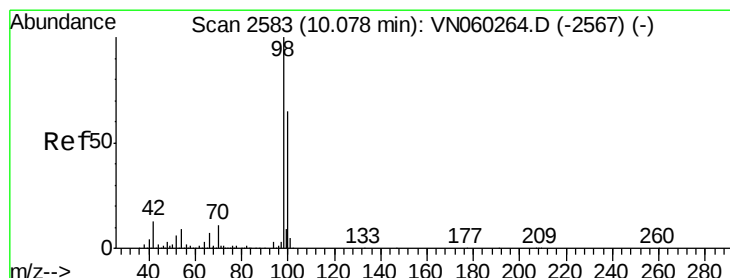
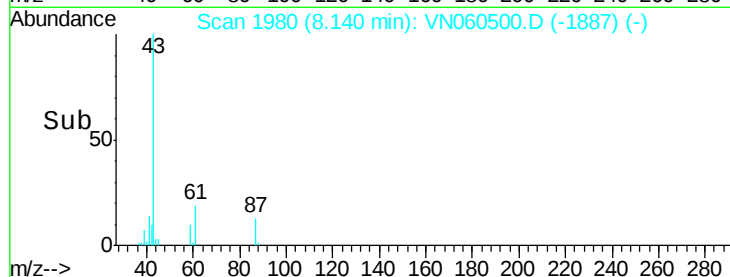
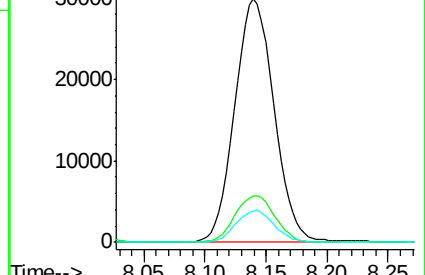
87 12.6 10.6 16.0



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: 52.544 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. 0.00 min

Lab File: VN060500.D

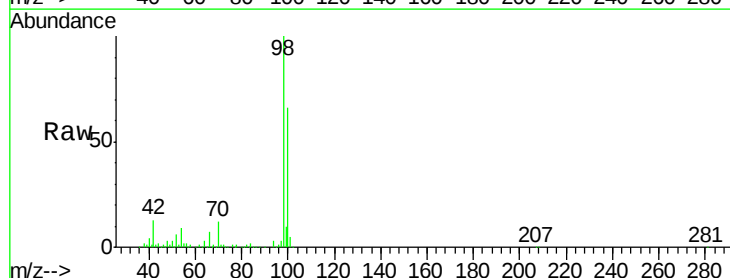
Acq: 13 Mar 2020 14:19

Tgt Ion: 98 Resp: 408476

Ion Ratio Lower Upper

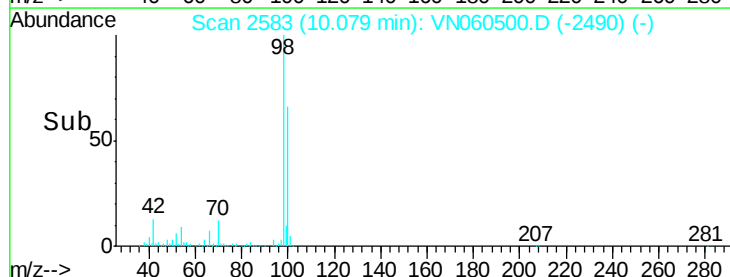
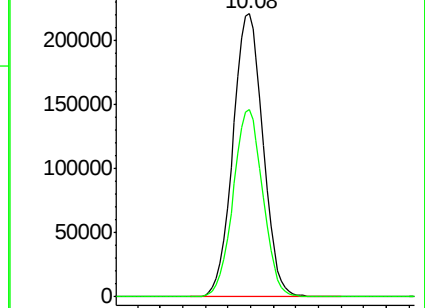
98 100

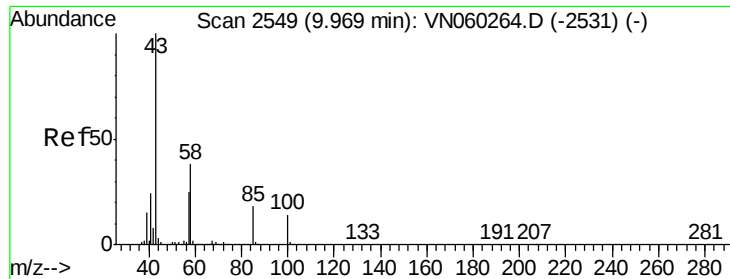
100 65.4 52.2 78.2



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

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

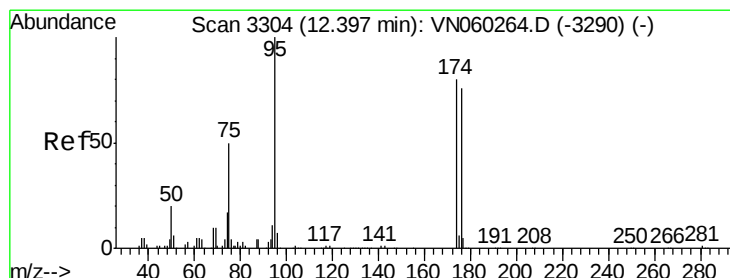
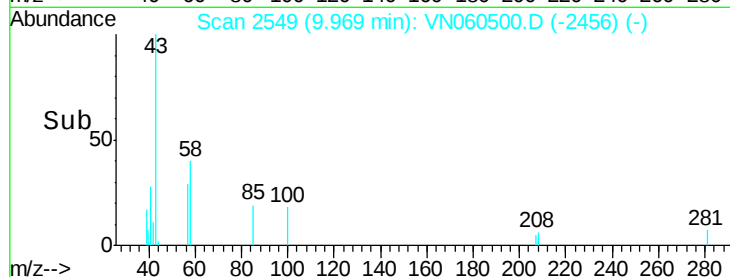
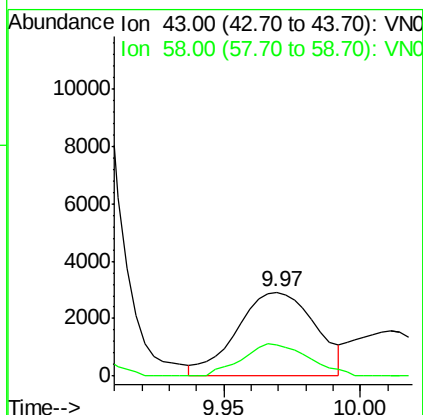
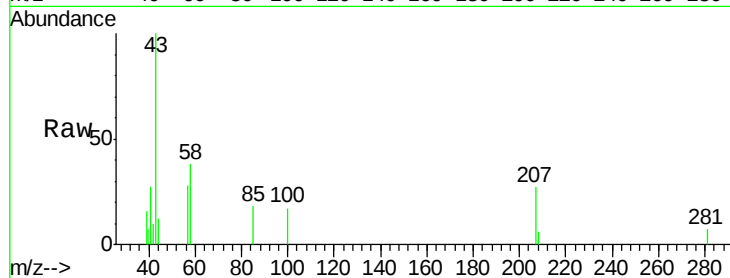




#51
 4-Methyl-2-Pentanone
 Concen: 1.972 ug/l
 RT: 9.97 min Scan# 2549
 Delta R.T. 0.00 min
 Lab File: VN060500.D
 Acq: 13 Mar 2020 14:19

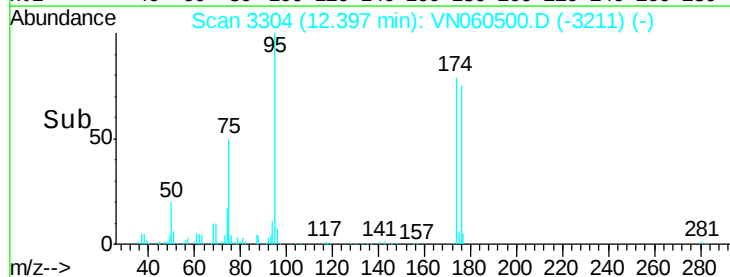
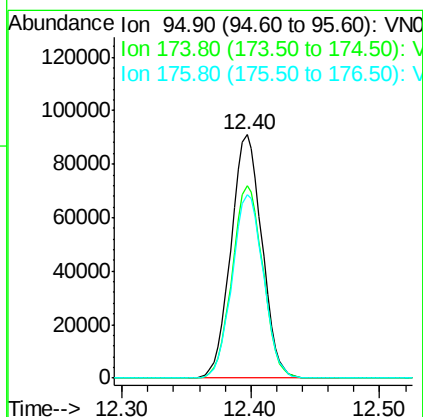
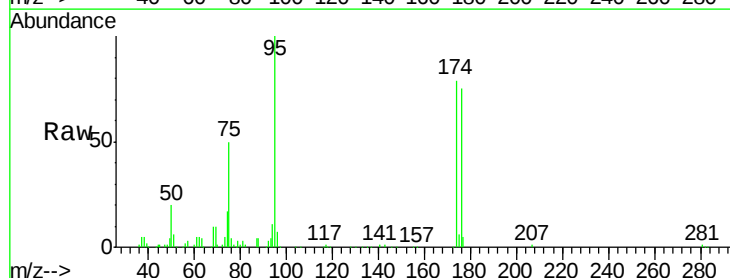
Instrument :
 MSVOA_N
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 PB127506ZHE#01

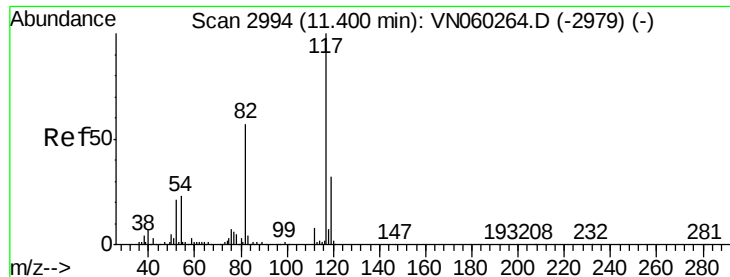
Tot Ion: 43 Resp: 5844
 Ion Ratio Lower Upper
 43 100
 58 32.7 30.9 46.3



#62
 4-Bromofluorobenzene
 Concen: 51.453 ug/l
 RT: 12.40 min Scan# 3304
 Delta R.T. 0.00 min
 Lab File: VN060500.D
 Acq: 13 Mar 2020 14:19

Tgt Ion: 95 Resp: 151630
 Ion Ratio Lower Upper
 95 100
 174 78.7 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: VN060500.D

Acq: 13 Mar 2020 14:19

Instrument :

MSVOA_N

ClientSampleId :

PB127506ZHE#01

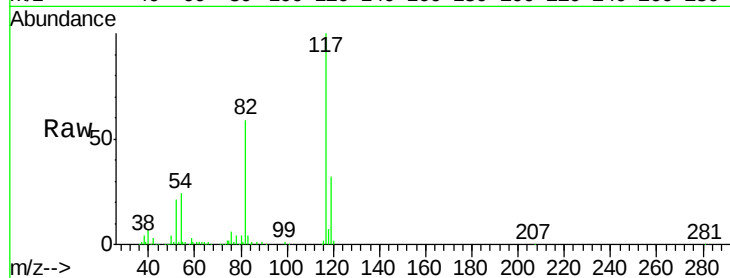
Tot Ion:117 Resp: 307302

Ion Ratio Lower Upper

117 100

82 58.8 45.8 68.6

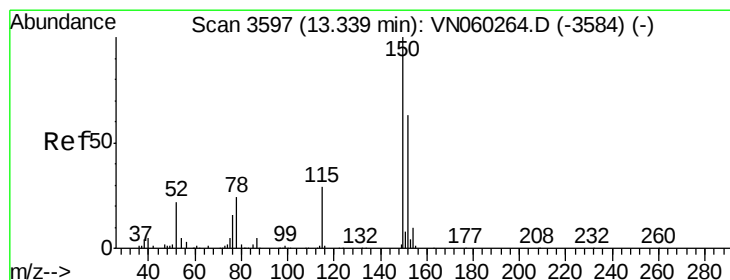
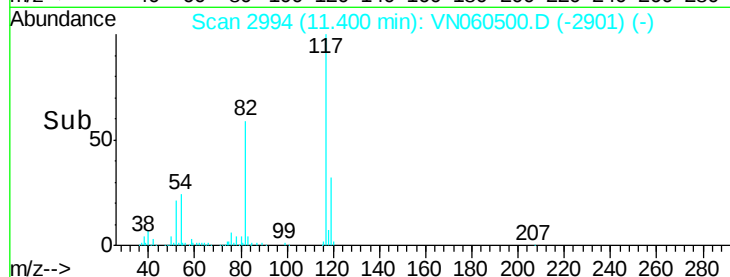
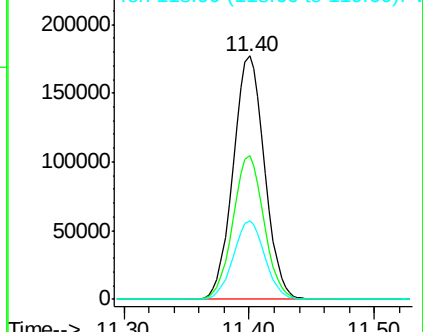
119 32.1 25.8 38.8



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: VN060500.D

Acq: 13 Mar 2020 14:19

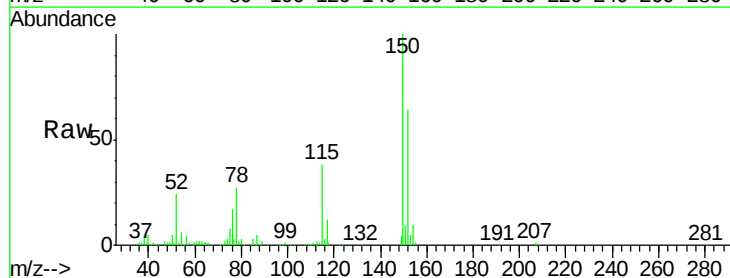
Tgt Ion:152 Resp: 143837

Ion Ratio Lower Upper

152 100

115 59.2 30.0 90.0

150 156.8 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

