

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031120\
 Data File : VN060440.D
 Acq On : 11 Mar 2020 11:25
 Operator : JC/MD
 Sample : PB127431TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB127431TB

Quant Time: Mar 12 04:00:24 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

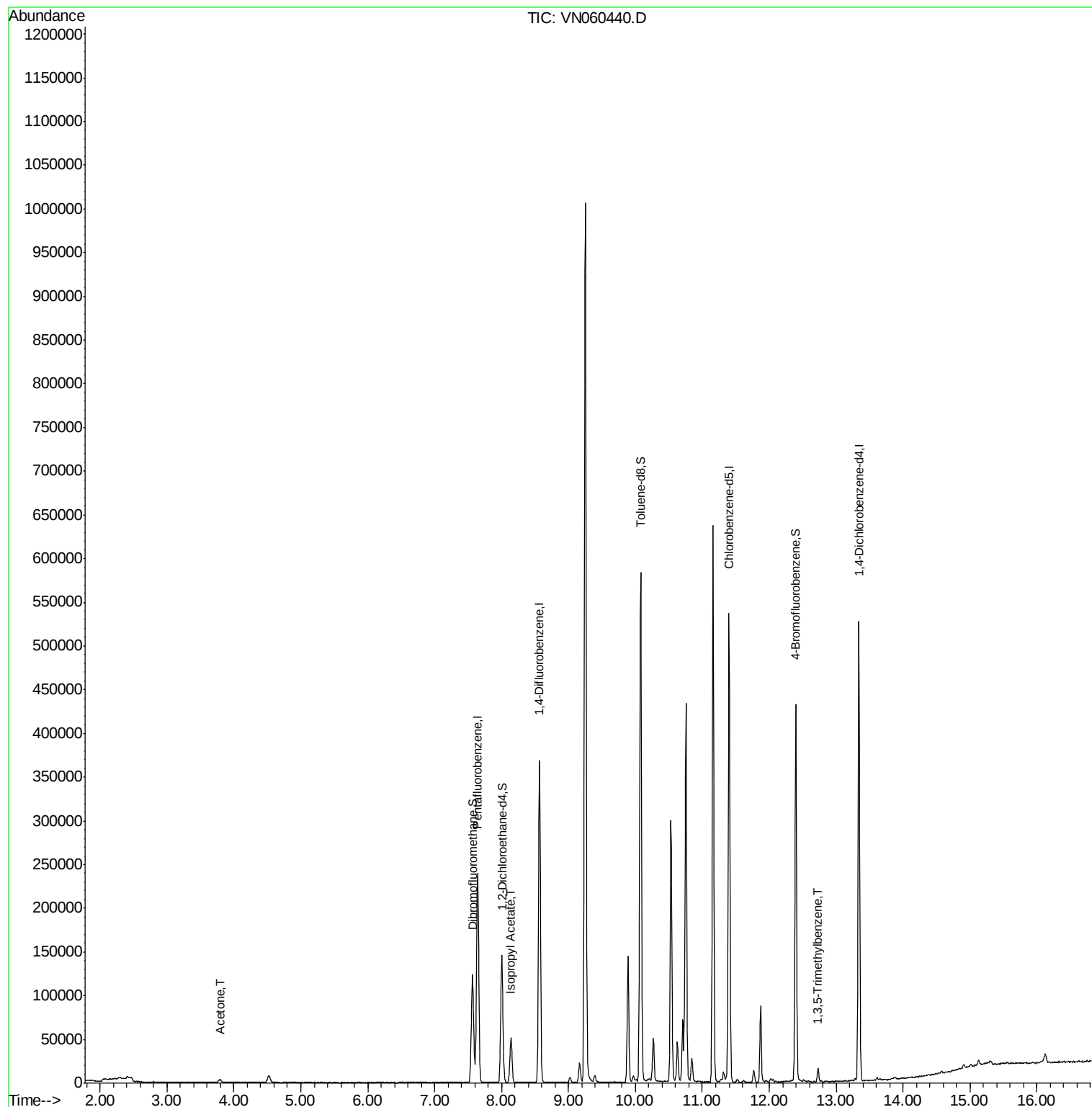
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	197828	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	323711	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	301998	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	138197	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	125766	49.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.10%	
35) Dibromofluoromethane	7.57	113	93390	62.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	124.30%	
50) Toluene-d8	10.08	98	393419	51.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.46%	
62) 4-Bromofluorobenzene	12.40	95	145655	50.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.06%	
Target Compounds						
16) Acetone	3.79	43	7296	8.901	ug/l	93
43) Isopropyl Acetate	8.14	43	61169	11.961	ug/l #	90
80) 1,3,5-Trimethylbenzene	12.73	105	8651	1.003	ug/l	97

(#) = 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: VN060440.D

Acq: 11 Mar 2020 11:25

Instrument :

MSVOA_N

ClientSampleId :

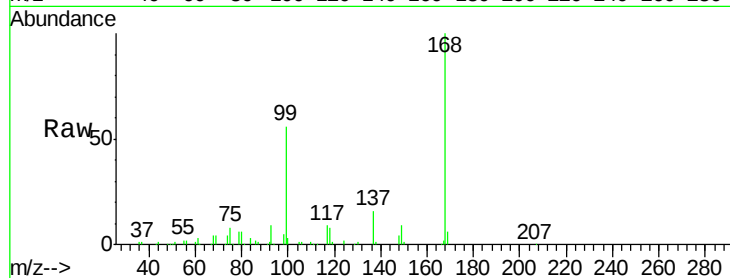
PB127431TB

Tot Ion:168 Resp: 197828

Ion Ratio Lower Upper

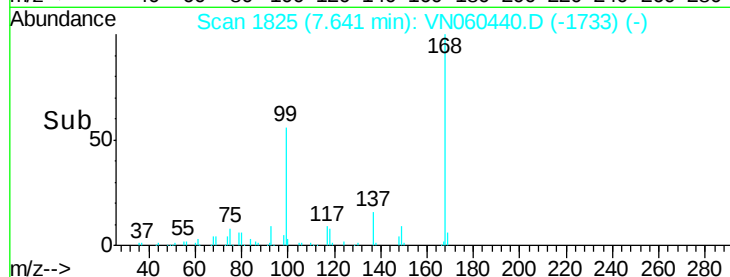
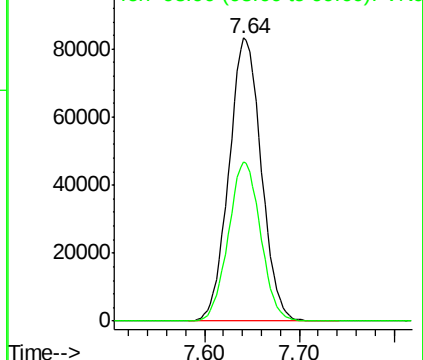
168 100

99 56.4 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: 8.901 ug/l

RT: 3.79 min Scan# 627

Delta R.T. 0.01 min

Lab File: VN060440.D

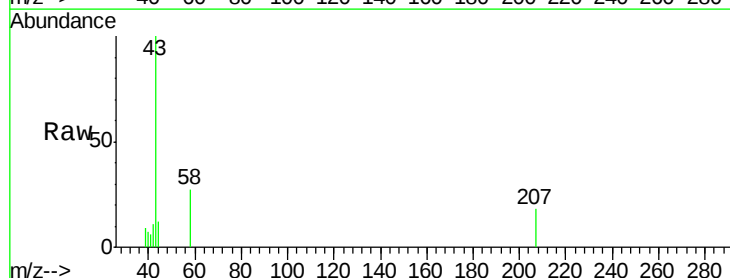
Acq: 11 Mar 2020 11:25

Tgt Ion: 43 Resp: 7296

Ion Ratio Lower Upper

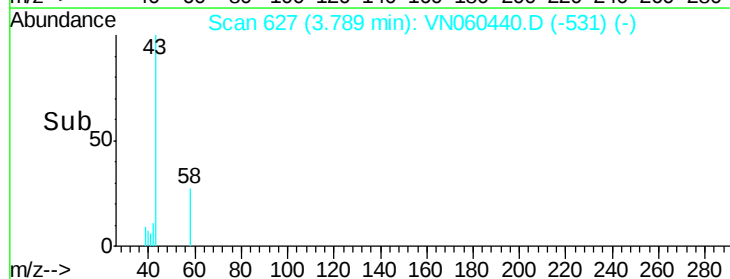
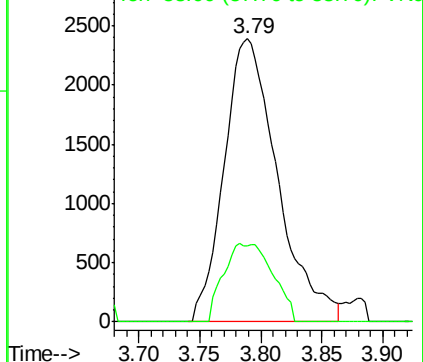
43 100

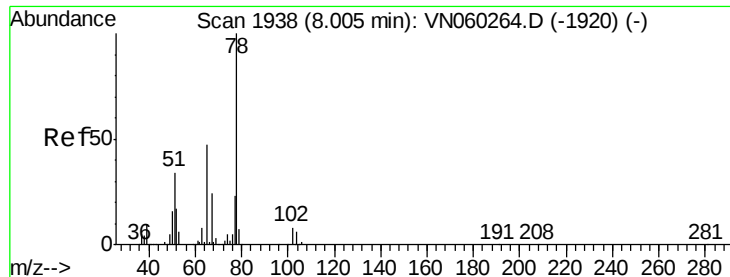
58 26.7 24.6 36.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#33

1,2-Dichloroethane-d4

Concen: 49.550 ug/l

RT: 8.00 min Scan# 1938

Delta R.T. -0.00 min

Lab File: VN060440.D

Acq: 11 Mar 2020 11:25

Instrument :

MSVOA_N

ClientSampleId :

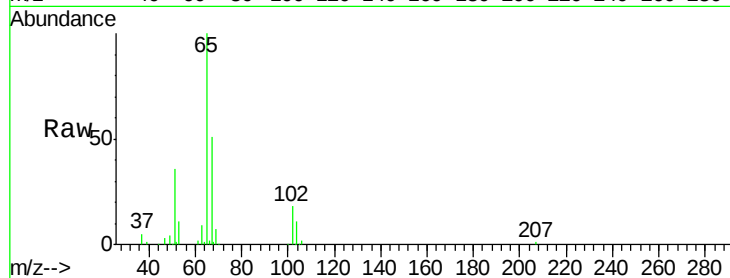
PB127431TB

Tot Ion: 65 Resp: 125766

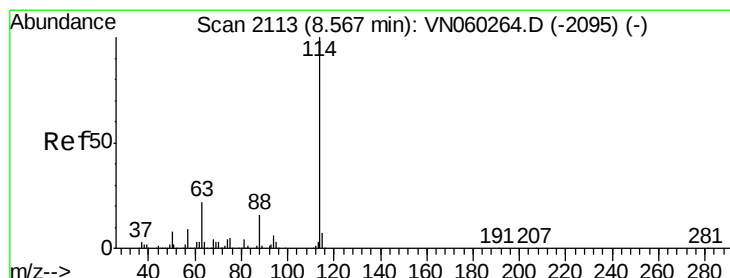
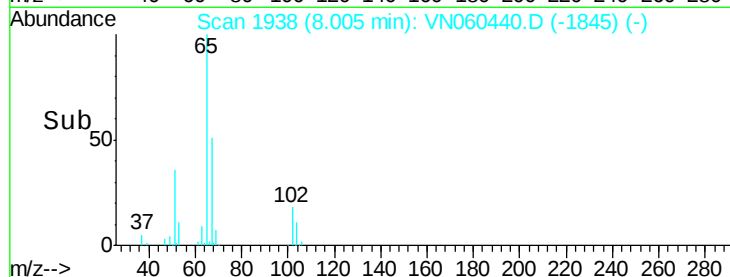
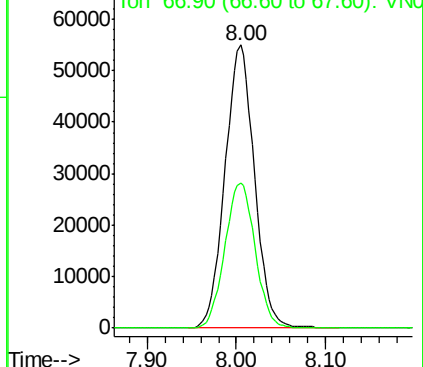
Ion Ratio Lower Upper

65 100

67 52.6 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VN060440.D (-1845) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2113

Delta R.T. -0.00 min

Lab File: VN060440.D

Acq: 11 Mar 2020 11:25

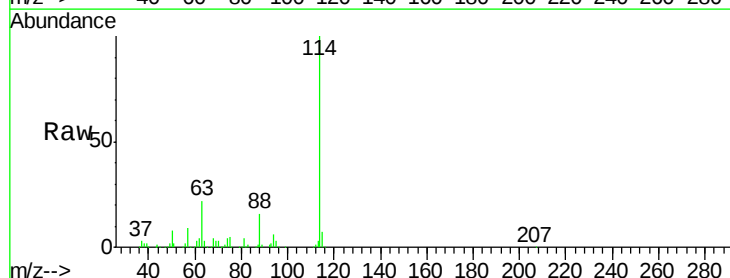
Tgt Ion: 114 Resp: 323711

Ion Ratio Lower Upper

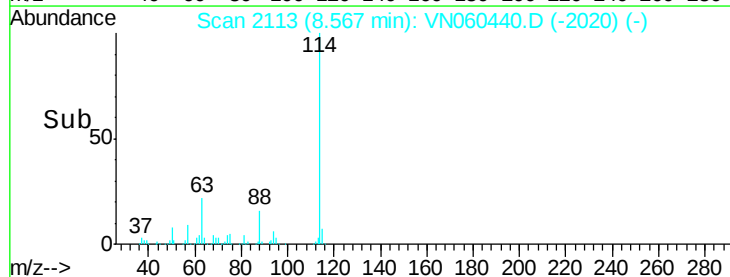
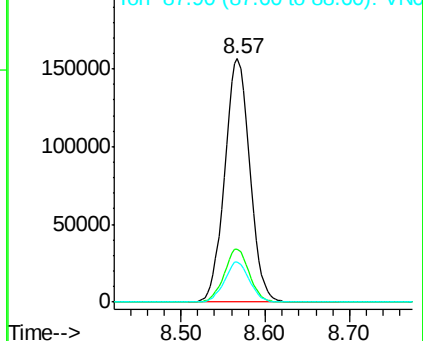
114 100

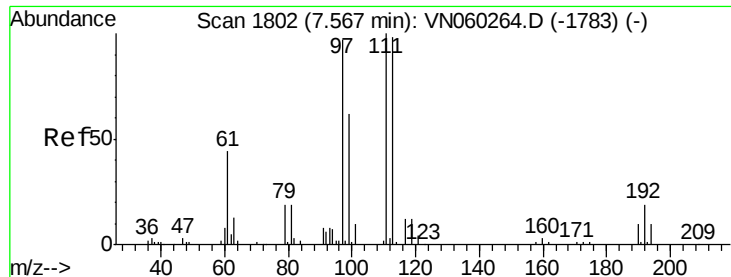
63 22.0 0.0 43.2

88 16.4 0.0 31.6



Abundance Ion 113.90 (113.60 to 114.60): VN060440.D (-2020) (-)

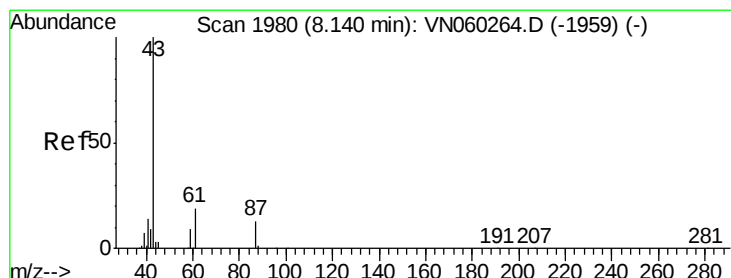
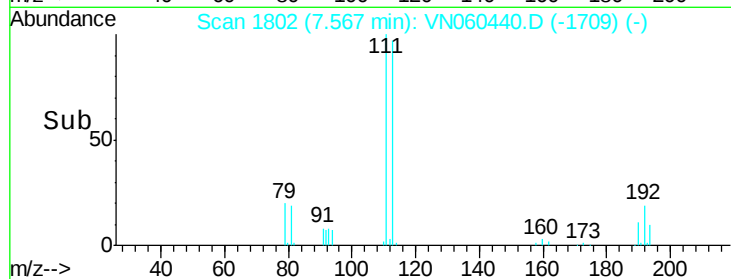
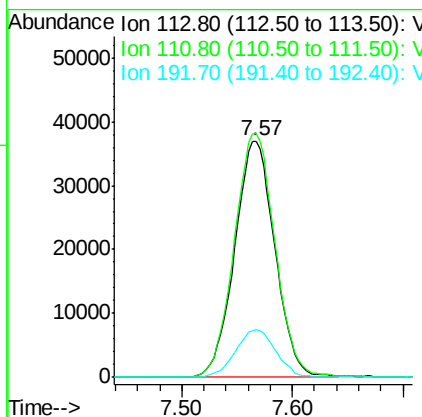
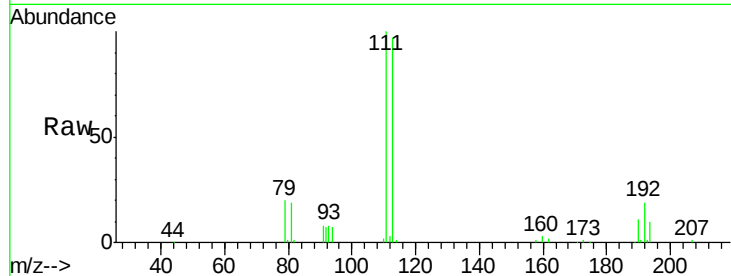




#35
 Dibromofluoromethane
 Concen: 62.154 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. -0.00 min
 Lab File: VN060440.D
 Acq: 11 Mar 2020 11:25

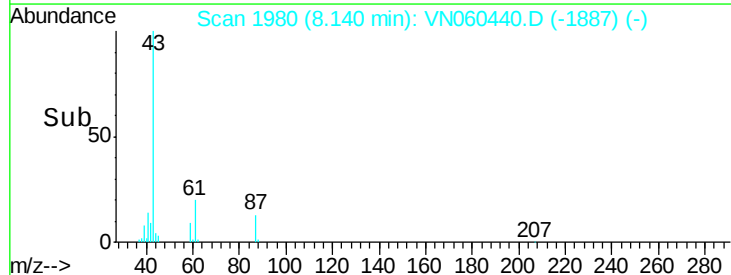
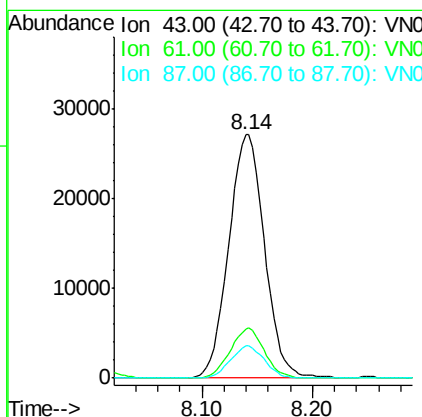
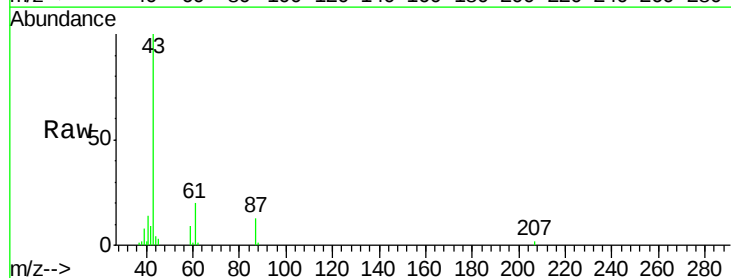
Instrument :
 MSVOA_N
 ClientSampleId :
 PB127431TB

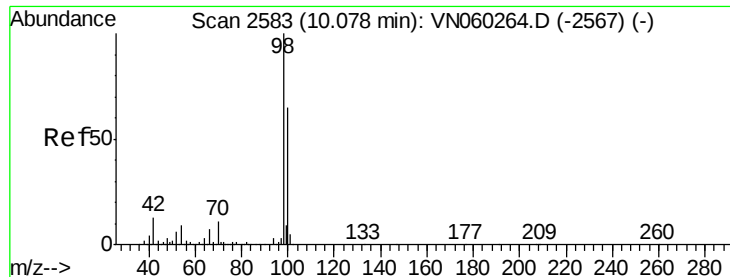
Tot Ion	Ratio	Lower	Upper
113	100		
111	104.9	82.4	123.6
192	20.1	16.2	24.2



#43
 Isopropyl Acetate
 Concen: 11.961 ug/l
 RT: 8.14 min Scan# 1980
 Delta R.T. -0.00 min
 Lab File: VN060440.D
 Acq: 11 Mar 2020 11:25

Tgt Ion	Ratio	Lower	Upper
43	100		
61	19.4	20.9	31.3#
87	12.4	10.6	16.0





#50

Toluene-d8

Concen: 51.734 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. -0.00 min

Lab File: VN060440.D

Acq: 11 Mar 2020 11:25

Instrument :

MSVOA_N

ClientSampleId :

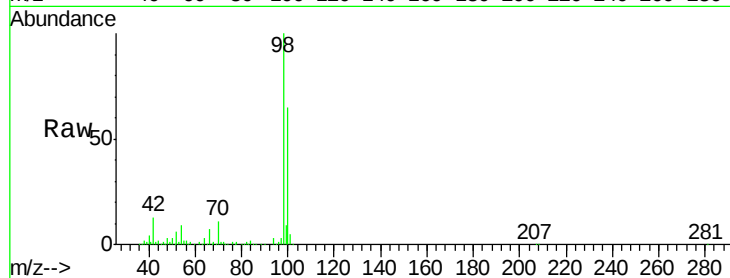
PB127431TB

Tot Ion: 98 Resp: 393419

Ion Ratio Lower Upper

98 100

100 65.4 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VN060440.D (-2490) (-)

Ion 100.00 (99.70 to 100.70): VN060440.D (-2490) (-)

10.08

250000

200000

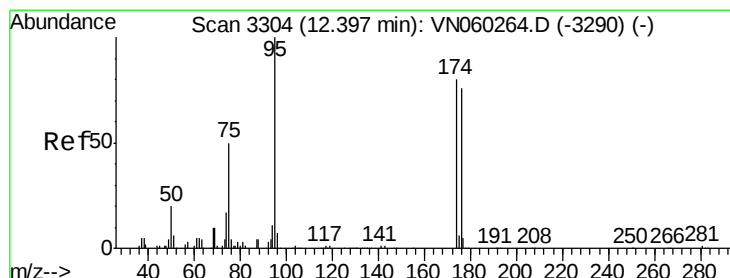
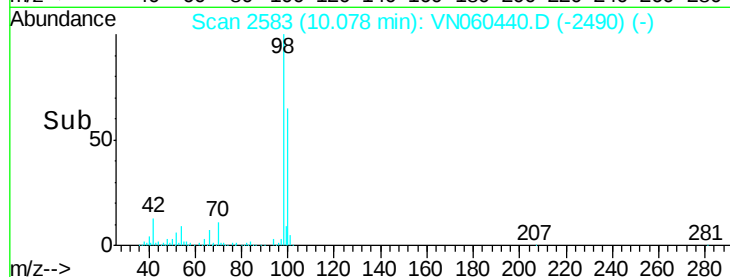
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 50.527 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.00 min

Lab File: VN060440.D

Acq: 11 Mar 2020 11:25

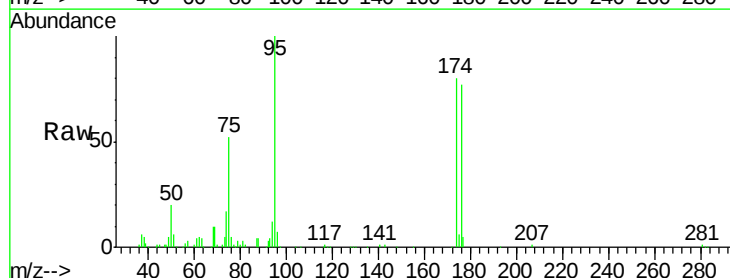
Tgt Ion: 95 Resp: 145655

Ion Ratio Lower Upper

95 100

174 80.4 0.0 159.2

176 77.4 0.0 153.8



Abundance Ion 94.90 (94.60 to 95.60): VN060440.D (-3211) (-)

Ion 173.80 (173.50 to 174.50): VN060440.D (-3211) (-)

Ion 175.80 (175.50 to 176.50): VN060440.D (-3211) (-)

12.40

120000

100000

80000

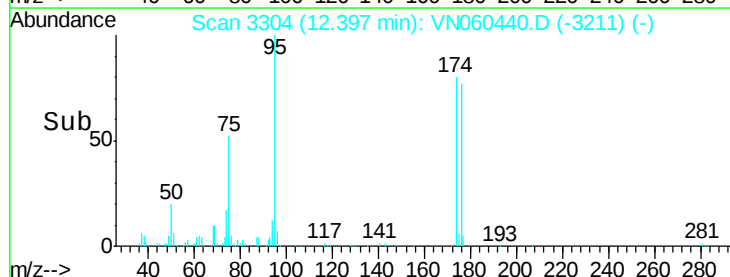
60000

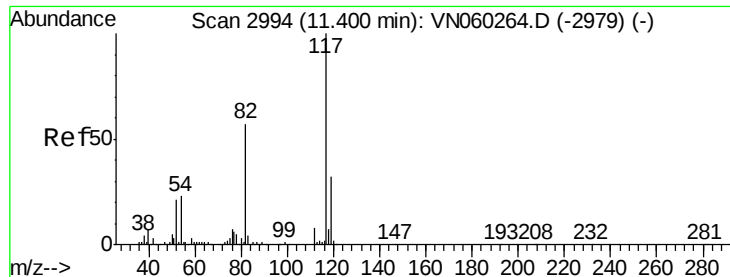
40000

20000

0

Time-->





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. -0.00 min

Lab File: VN060440.D

Acq: 11 Mar 2020 11:25

Instrument :

MSVOA_N

ClientSampleId :

PB127431TB

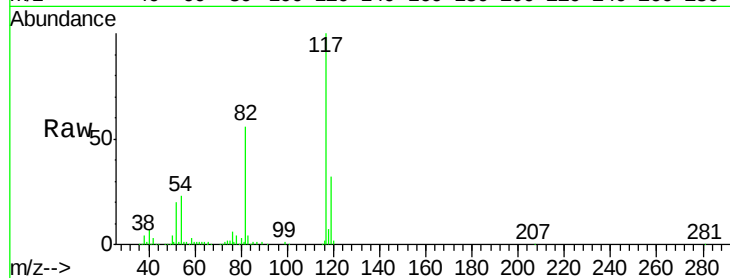
Tot Ion:117 Resp: 301998

Ion Ratio Lower Upper

117 100

82 56.5 45.8 68.6

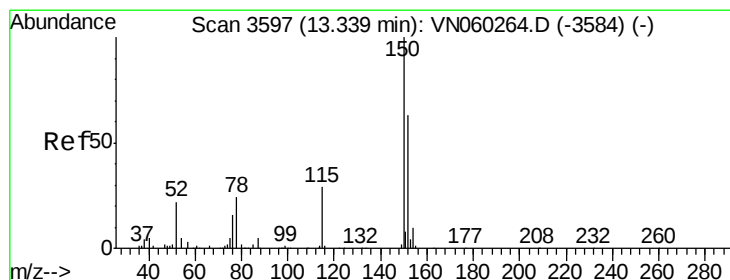
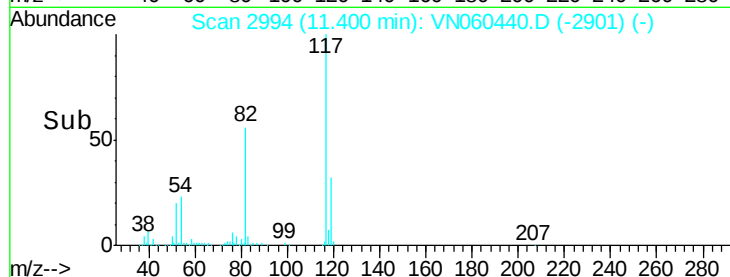
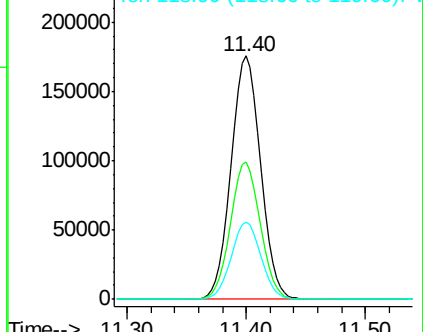
119 31.9 25.8 38.8



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: VN060440.D

Acq: 11 Mar 2020 11:25

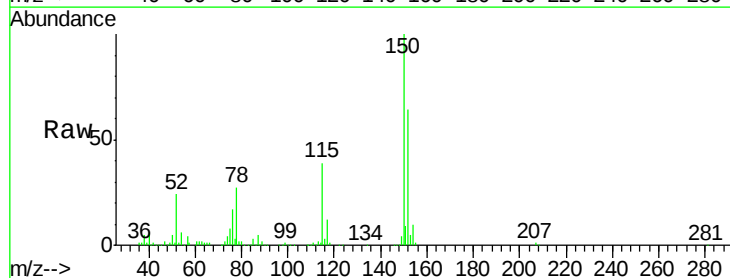
Tgt Ion:152 Resp: 138197

Ion Ratio Lower Upper

152 100

115 59.5 30.0 90.0

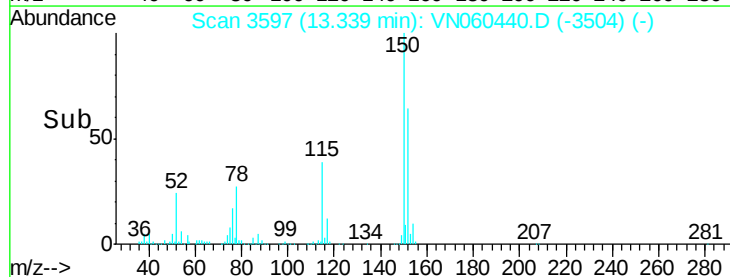
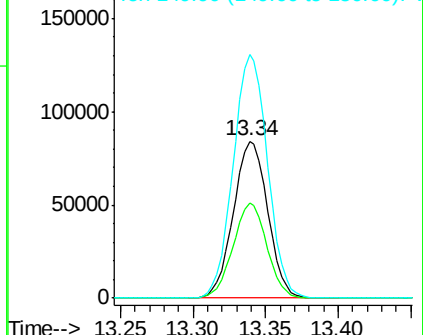
150 155.5 0.0 349.6

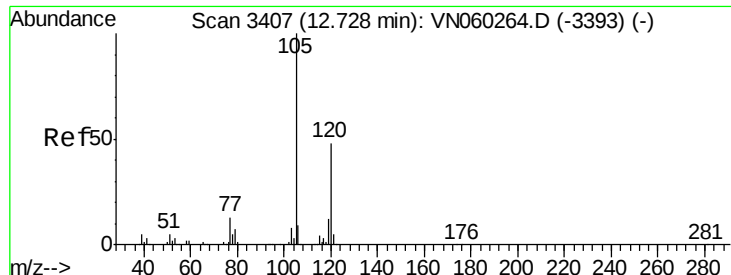


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#80
 1,3,5-Trimethylbenzene
 Concen: 1.003 ug/l
 RT: 12.73 min Scan# 3407
 Delta R.T. -0.00 min
 Lab File: VN060440.D
 Acq: 11 Mar 2020 11:25

Instrument :
 MSVOA_N
 ClientSampleId :
 PB127431TB

Tot Ion:105 Resp: 8651
 Ion Ratio Lower Upper
 105 100
 120 46.3 24.1 72.4

