

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN030620\
 Data File : VN060382.D
 Acq On : 6 Mar 2020 15:51
 Operator : JC/MD
 Sample : PB127296ZHE#01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB127296ZHE#01

Quant Time: Mar 07 03:56:27 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

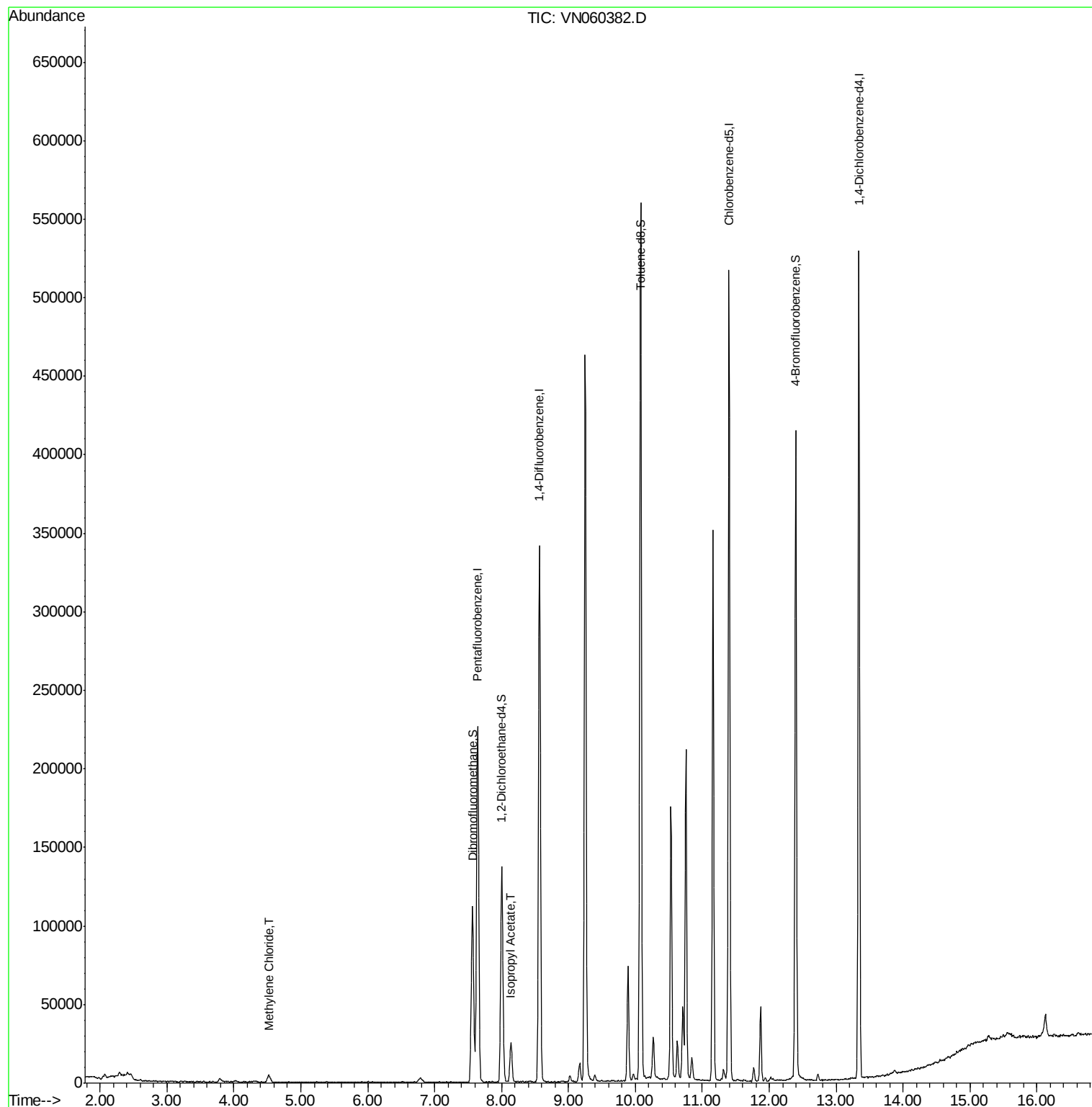
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	185624	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	304516	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	288070	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	136969	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	119857	50.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.66%	
35) Dibromofluoromethane	7.57	113	87160	61.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	123.32%	
50) Toluene-d8	10.08	98	376191	52.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.18%	
62) 4-Bromofluorobenzene	12.40	95	143202	52.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.62%	
Target Compounds						
20) Methylene Chloride	4.52	84	3505	1.659	ug/l	91
43) Isopropyl Acetate	8.14	43	30176	6.272	ug/l #	89

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

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Quant Title : SW846 8260
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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: VN060382.D

Acq: 6 Mar 2020 15:51

Instrument :

MSVOA_N

ClientSampleId :

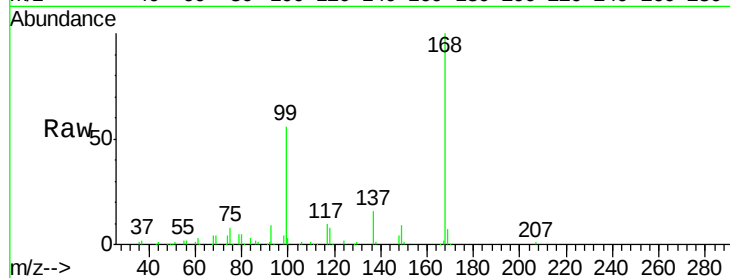
PB127296ZHE#01

Tot Ion:168 Resp: 185624

Ion Ratio Lower Upper

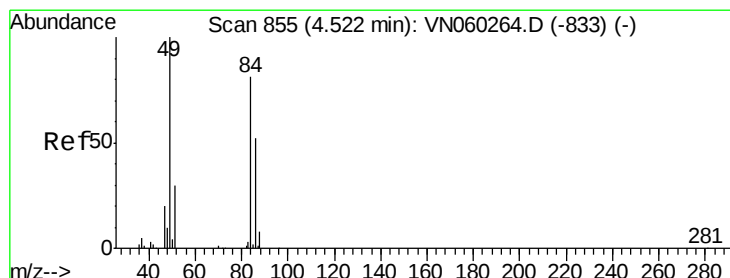
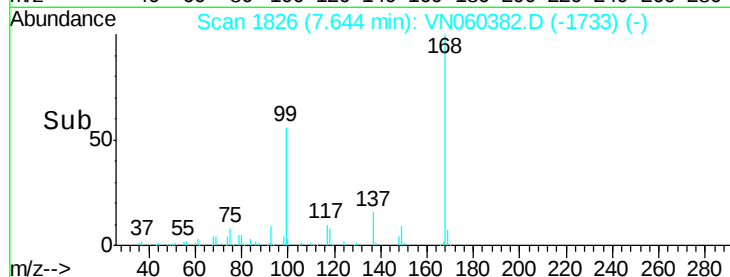
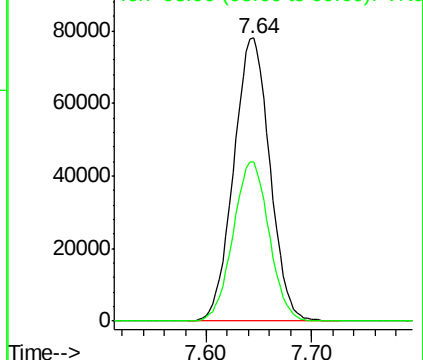
168 100

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): VNO



#20

Methylene Chloride

Concen: 1.659 ug/l

RT: 4.52 min Scan# 854

Delta R.T. -0.00 min

Lab File: VN060382.D

Acq: 6 Mar 2020 15:51

Tgt Ion: 84 Resp: 3505

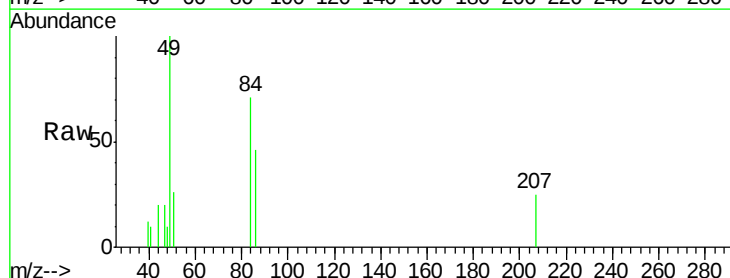
Ion Ratio Lower Upper

84 100

49 141.3 99.3 148.9

51 36.8 30.1 45.1

86 64.3 51.1 76.7

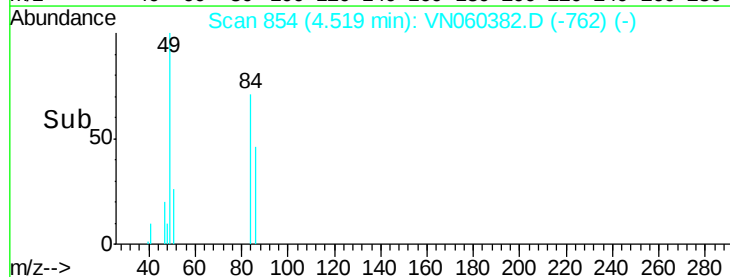
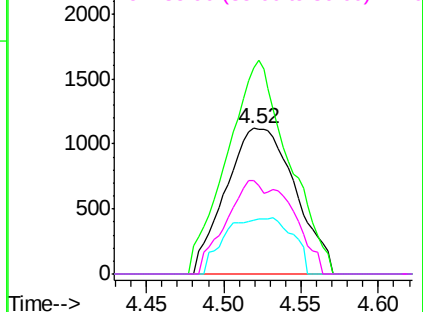


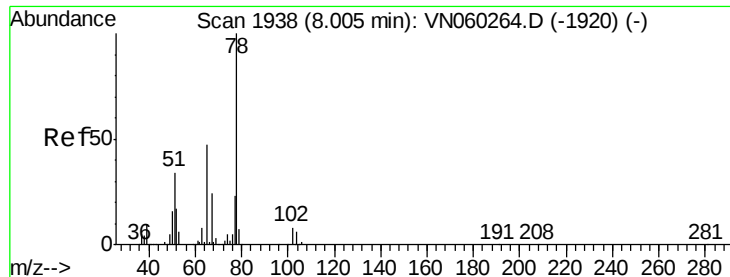
Abundance Ion 83.90 (83.60 to 84.60): VNO

Ion 48.90 (48.60 to 49.60): VNO

Ion 50.90 (50.60 to 51.60): VNO

Ion 85.90 (85.60 to 86.60): VNO





#33

1,2-Dichloroethane-d4

Concen: 50.327 ug/l

RT: 8.00 min Scan# 1938

Delta R.T. -0.00 min

Lab File: VN060382.D

Acq: 6 Mar 2020 15:51

Instrument :

MSVOA_N

ClientSampleId :

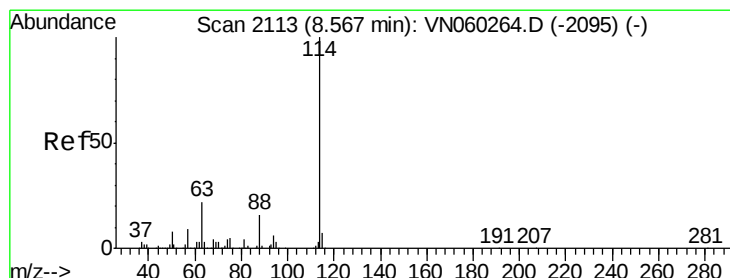
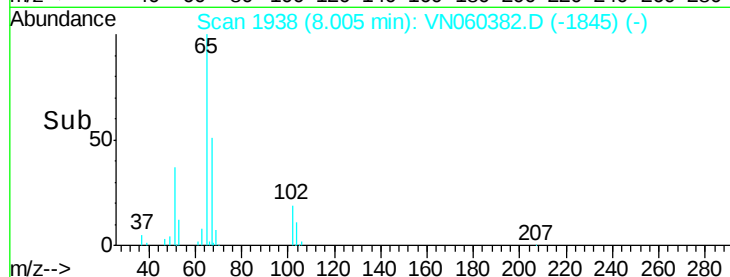
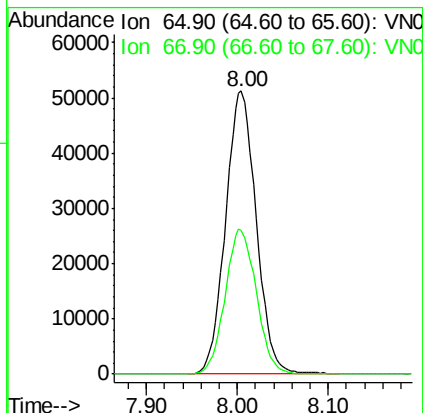
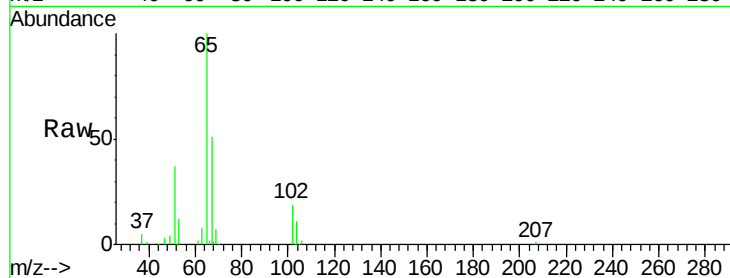
PB127296ZHE#01

Tot Ion: 65 Resp: 119857

Ion Ratio Lower Upper

65 100

67 52.0 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: VN060382.D

Acq: 6 Mar 2020 15:51

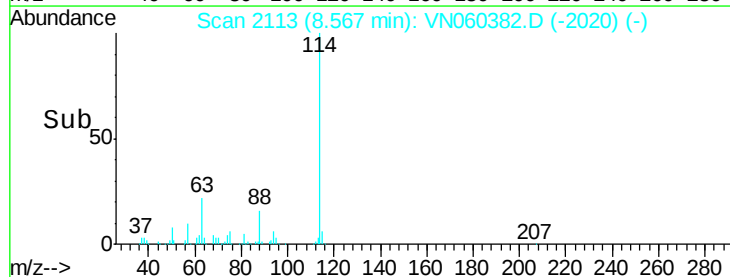
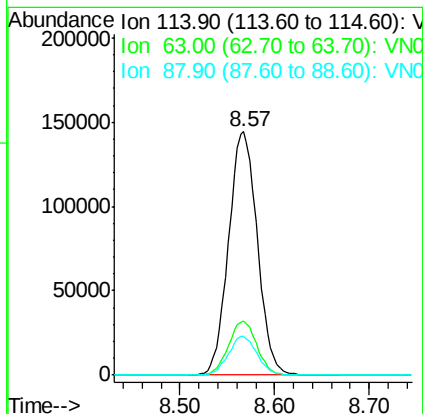
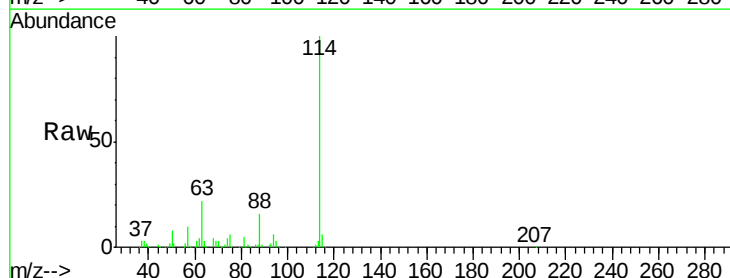
Tgt Ion: 114 Resp: 304516

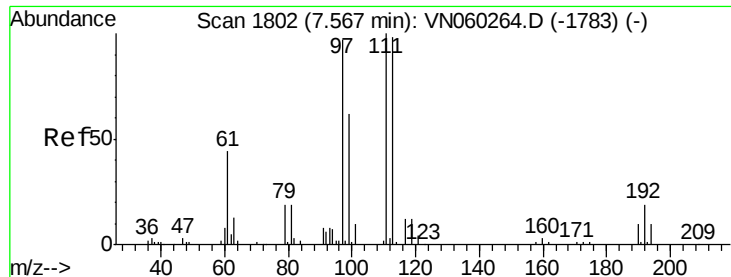
Ion Ratio Lower Upper

114 100

63 22.0 0.0 43.2

88 16.1 0.0 31.6

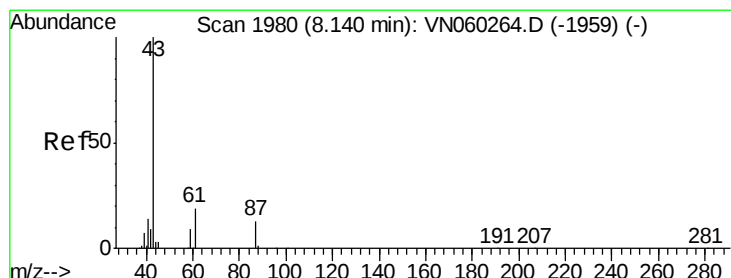
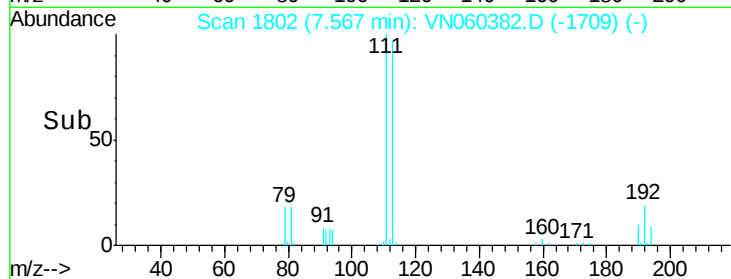
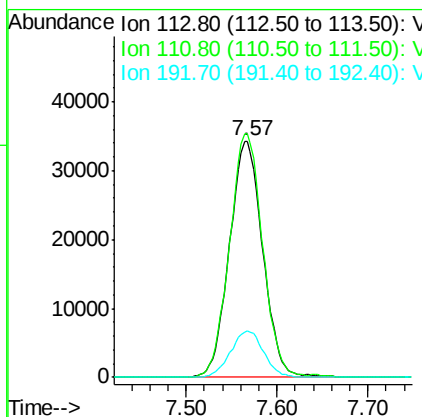
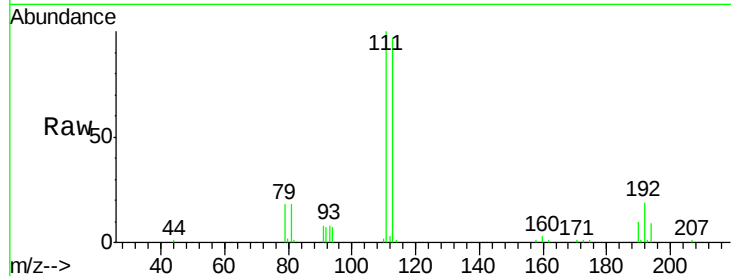




#35
 Dibromofluoromethane
 Concen: 61.664 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. -0.00 min
 Lab File: VN060382.D
 Acq: 6 Mar 2020 15:51

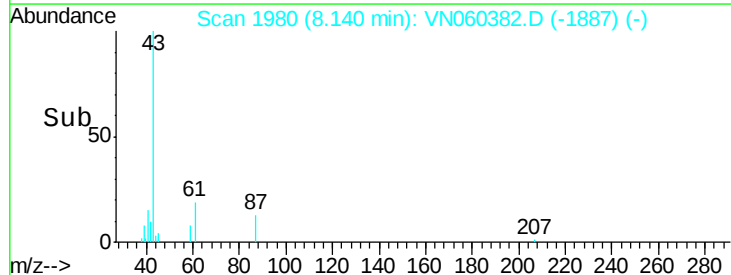
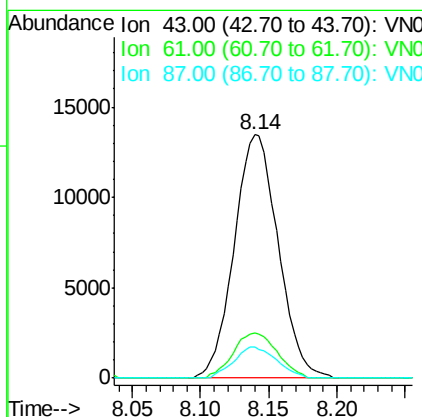
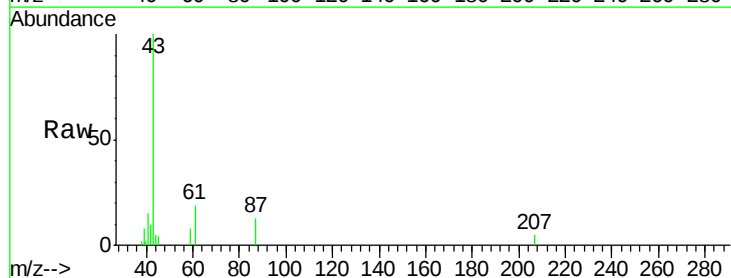
Instrument :
 MSVOA_N
 ClientSampleId :
 PB127296ZHE#01

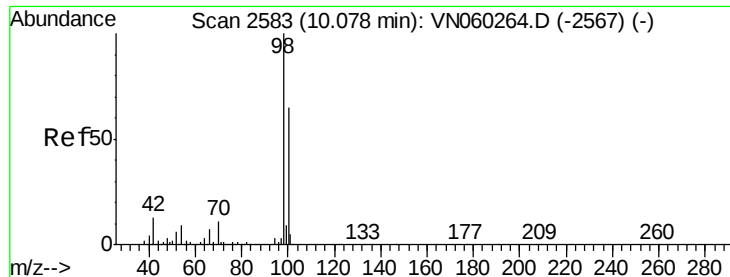
Tot Ion:113 Resp: 87160
 Ion Ratio Lower Upper
 113 100
 111 102.4 82.4 123.6
 192 19.4 16.2 24.2



#43
 Isopropyl Acetate
 Concen: 6.272 ug/l
 RT: 8.14 min Scan# 1980
 Delta R.T. -0.00 min
 Lab File: VN060382.D
 Acq: 6 Mar 2020 15:51

Tgt Ion: 43 Resp: 30176
 Ion Ratio Lower Upper
 43 100
 61 18.5 20.9 31.3#
 87 12.4 10.6 16.0





#50

Toluene-d8

Concen: 52.587 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. -0.00 min

Lab File: VN060382.D

Acq: 6 Mar 2020 15:51

Instrument :

MSVOA_N

ClientSampleId :

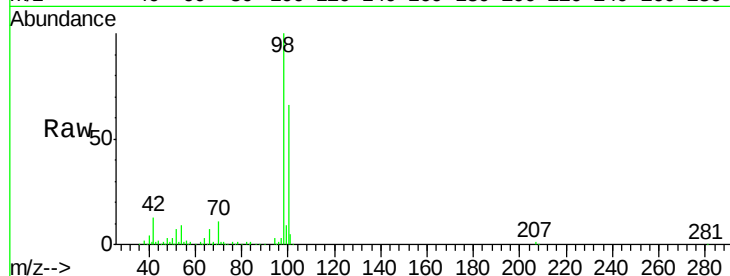
PB127296ZHE#01

Tot Ion: 98 Resp: 376191

Ion Ratio Lower Upper

98 100

100 65.3 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VN060382.D (-2490) (-)

Ion 100.00 (99.70 to 100.70): VN060382.D (-2490) (-)

10.08

200000

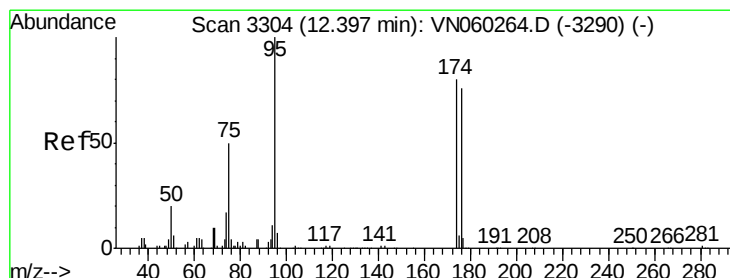
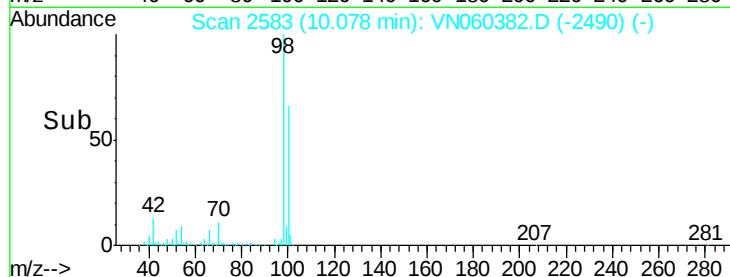
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 52.807 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.00 min

Lab File: VN060382.D

Acq: 6 Mar 2020 15:51

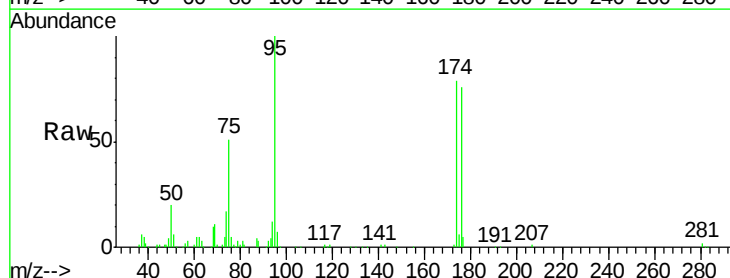
Tgt Ion: 95 Resp: 143202

Ion Ratio Lower Upper

95 100

174 79.3 0.0 159.2

176 76.4 0.0 153.8



Abundance Ion 94.90 (94.60 to 95.60): VN060382.D (-3211) (-)

Ion 173.80 (173.50 to 174.50): VN060382.D (-3211) (-)

Ion 175.80 (175.50 to 176.50): VN060382.D (-3211) (-)

12.40

100000

80000

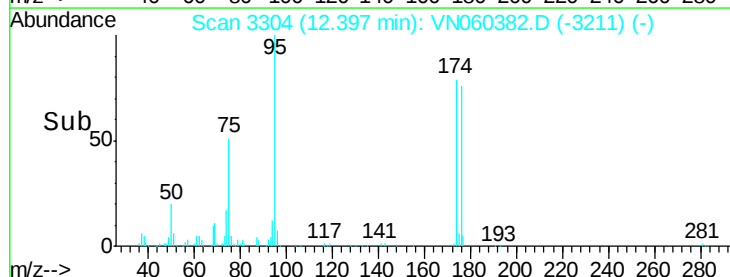
60000

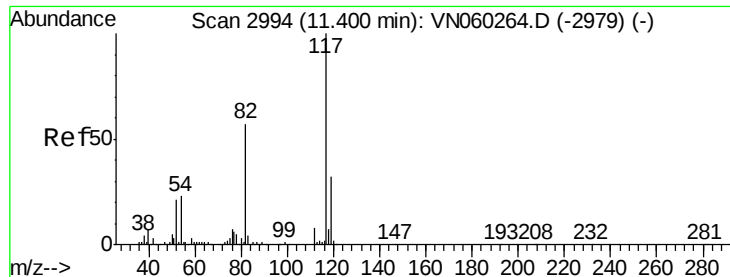
40000

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: VN060382.D

Acq: 6 Mar 2020 15:51

Instrument :

MSVOA_N

ClientSampleId :

PB127296ZHE#01

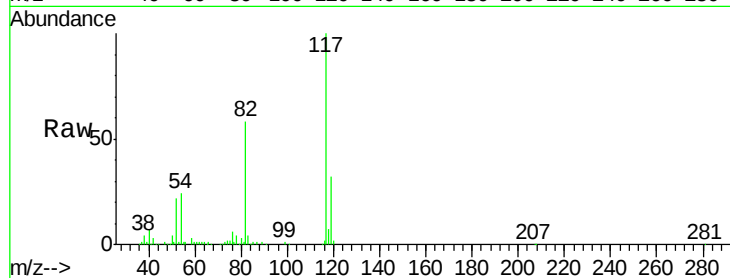
Tot Ion:117 Resp: 288070

Ion Ratio Lower Upper

117 100

82 57.8 45.8 68.6

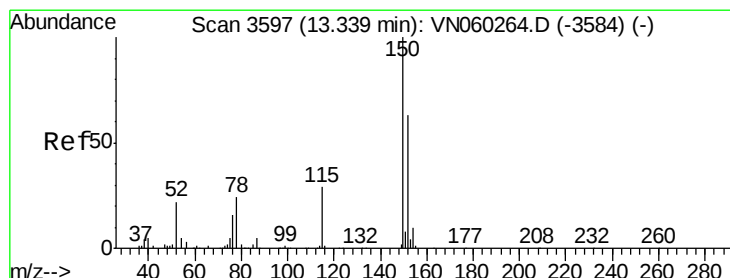
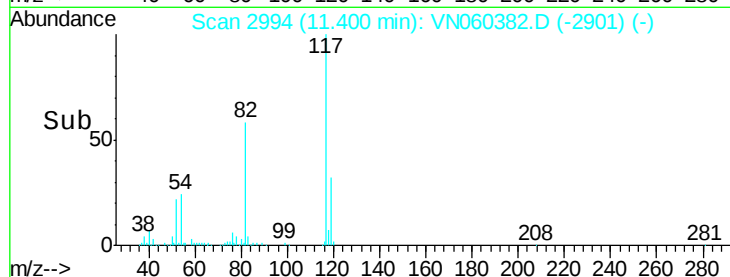
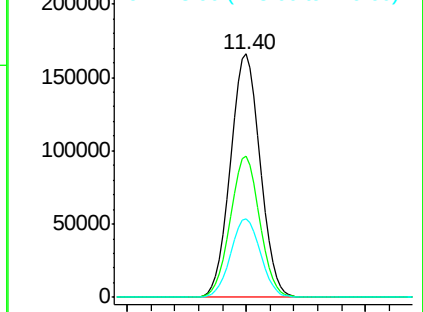
119 32.2 25.8 38.8



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: VN060382.D

Acq: 6 Mar 2020 15:51

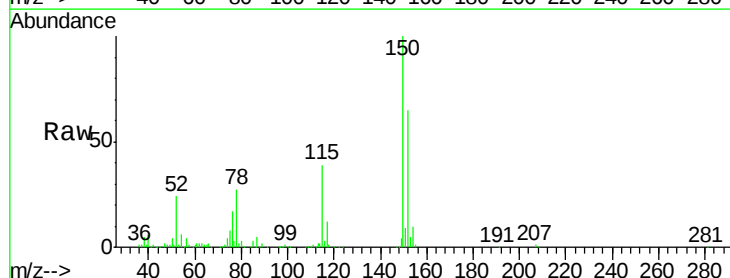
Tgt Ion:152 Resp: 136969

Ion Ratio Lower Upper

152 100

115 59.5 30.0 90.0

150 157.0 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

