

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN022820\
 Data File : VN060285.D
 Acq On : 28 Feb 2020 15:26
 Operator : JC/MD
 Sample : PB127123ZHE#16
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB127123ZHE#16

Quant Time: Feb 29 01:30:41 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

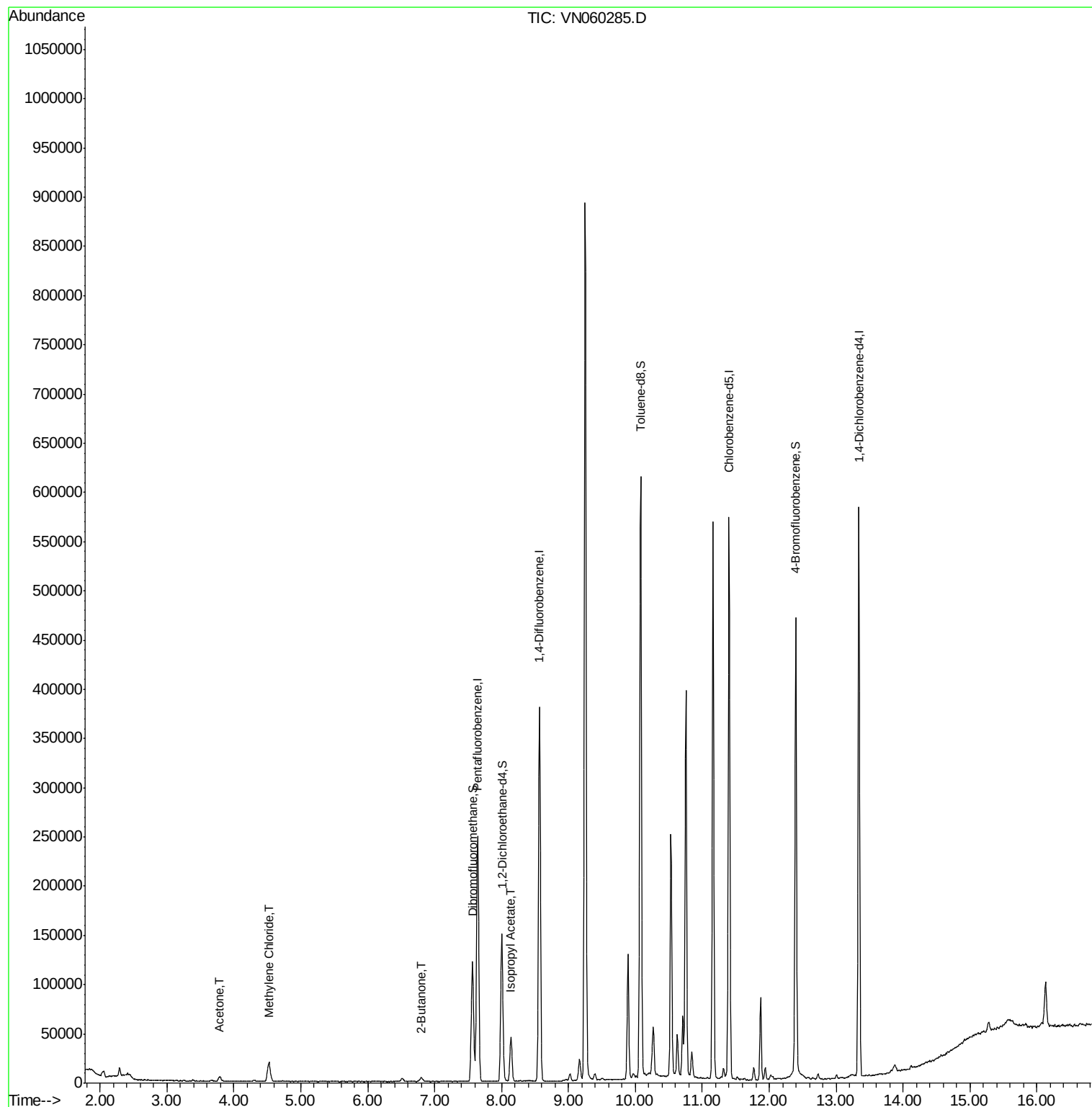
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	206748	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	337611	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	319377	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	150776	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	129327	48.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.50%	
35) Dibromofluoromethane	7.57	113	93613	59.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	119.48%	
50) Toluene-d8	10.08	98	413720	52.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.32%	
62) 4-Bromofluorobenzene	12.40	95	158147	52.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.20%	
Target Compounds						
16) Acetone	3.78	43	8853	10.335	ug/l	95
20) Methylene Chloride	4.52	84	14456	6.145	ug/l	94
25) 2-Butanone	6.80	43	7318	5.289	ug/l	96
43) Isopropyl Acetate	8.14	43	53028	9.942	ug/l #	90

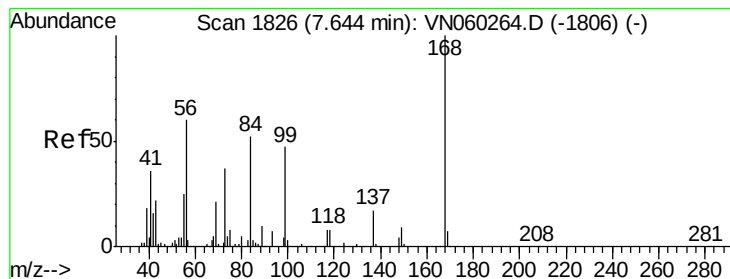
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Feb 27 13:52:50 2020
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: VN060285.D

Acq: 28 Feb 2020 15:26

Instrument :

MSVOA_N

ClientSampleId :

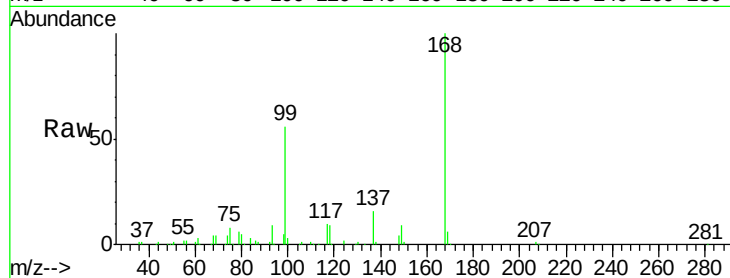
PB127123ZHE#16

Tot Ion:168 Resp: 206748

Ion Ratio Lower Upper

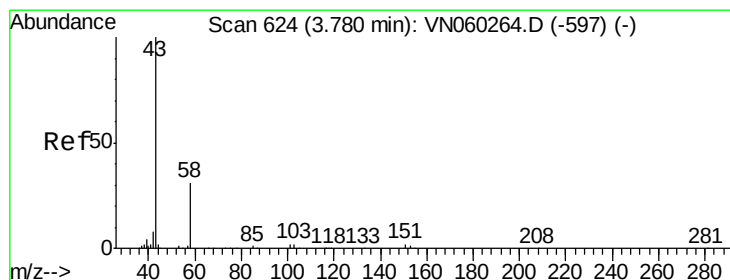
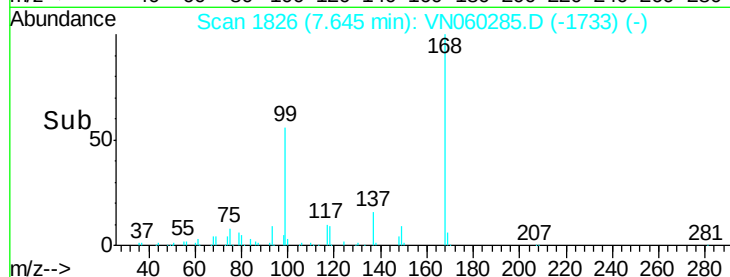
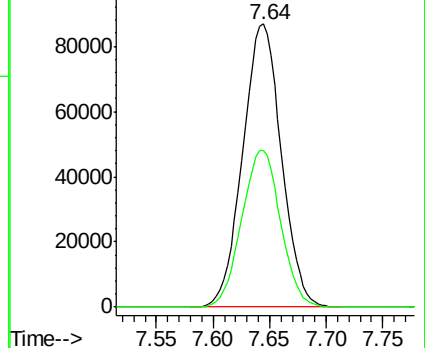
168 100

99 55.6 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: 10.335 ug/l

RT: 3.78 min Scan# 625

Delta R.T. 0.00 min

Lab File: VN060285.D

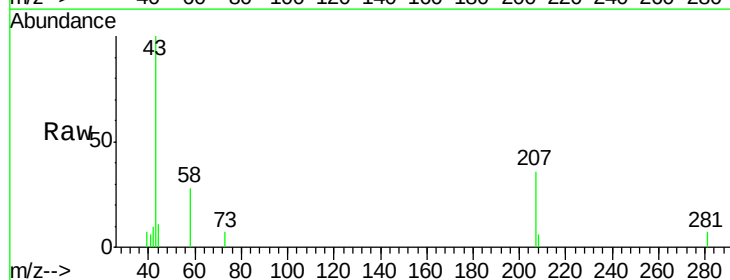
Acq: 28 Feb 2020 15:26

Tgt Ion: 43 Resp: 8853

Ion Ratio Lower Upper

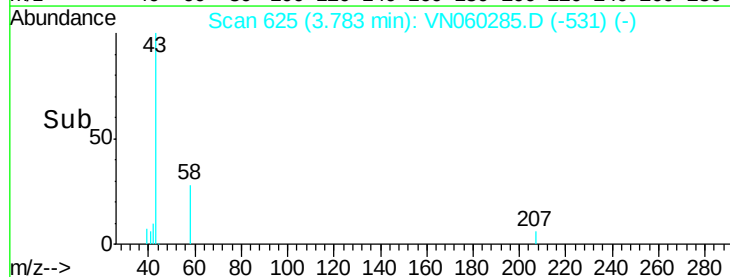
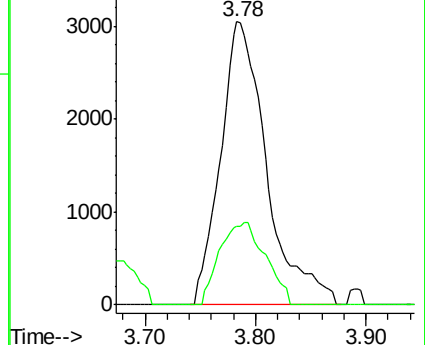
43 100

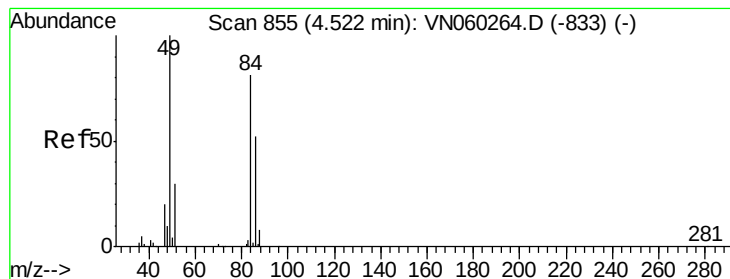
58 27.7 24.6 36.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#20

Methvlene Chloride

Concen: 6.145 ug/l

RT: 4.52 min Scan# 855

Delta R.T. 0.00 min

Lab File: VN060285.D

Acq: 28 Feb 2020 15:26

Instrument :

MSVOA_N

ClientSampleId :

PB127123ZHE#16

Tot Ion: 84 Resp: 14456

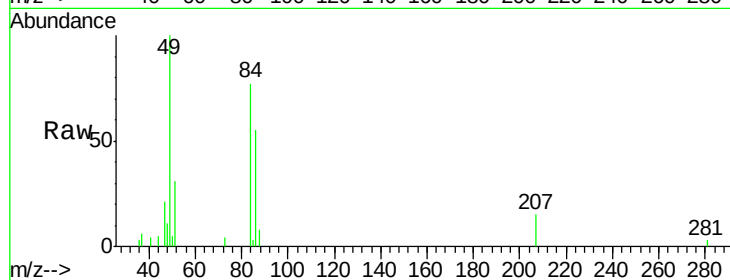
Ion Ratio Lower Upper

84 100

49 129.2 99.3 148.9

51 40.2 30.1 45.1

86 71.7 51.1 76.7

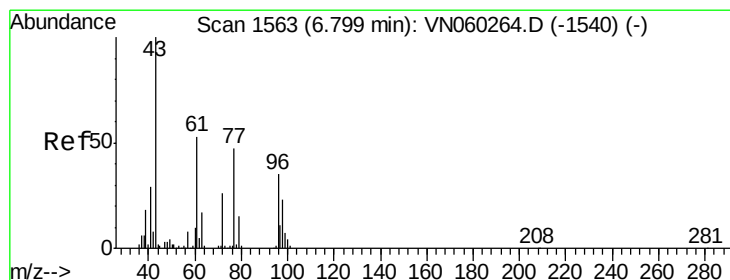
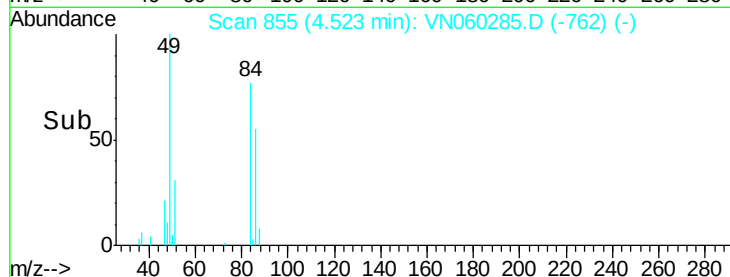
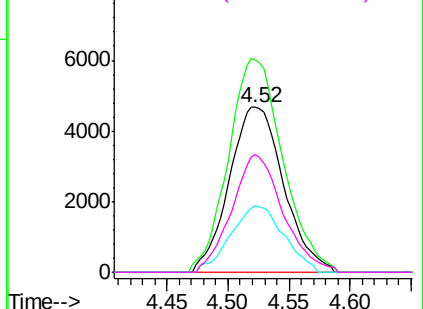


Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0



#25

2-Butanone

Concen: 5.289 ug/l

RT: 6.80 min Scan# 1564

Delta R.T. 0.00 min

Lab File: VN060285.D

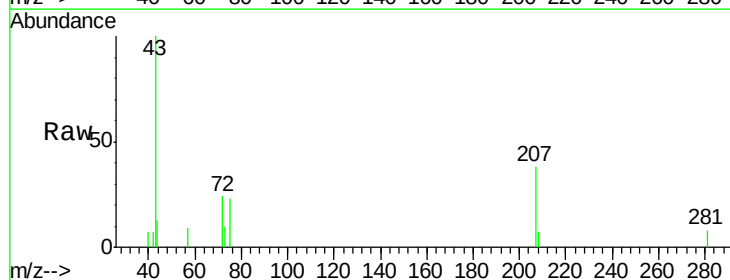
Acq: 28 Feb 2020 15:26

Tgt Ion: 43 Resp: 7318

Ion Ratio Lower Upper

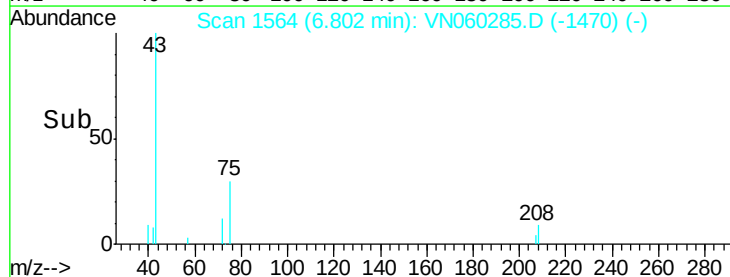
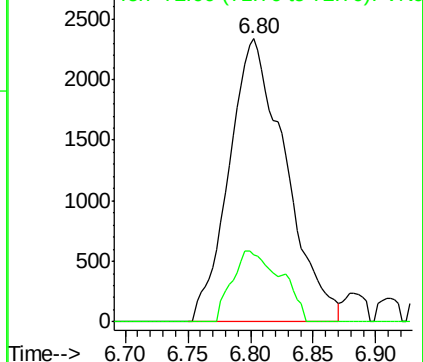
43 100

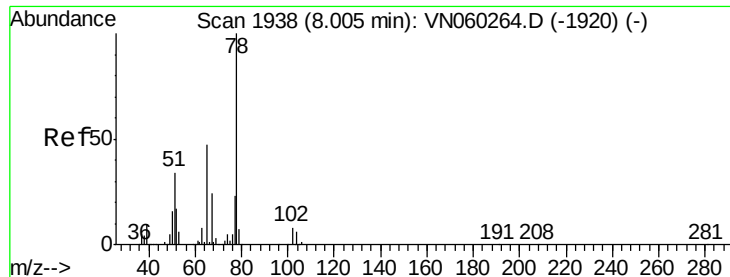
72 23.8 20.9 31.3



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

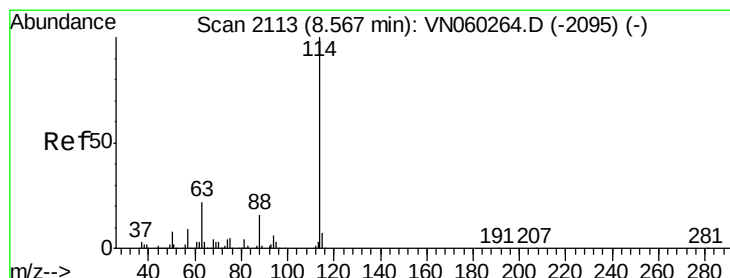
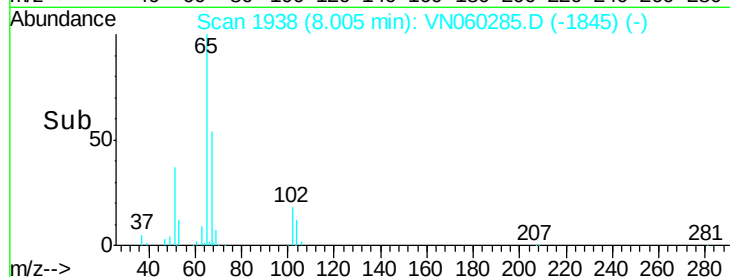
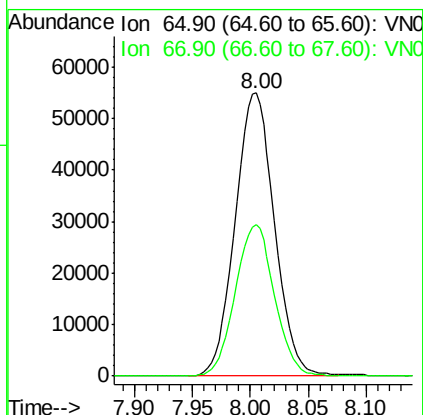
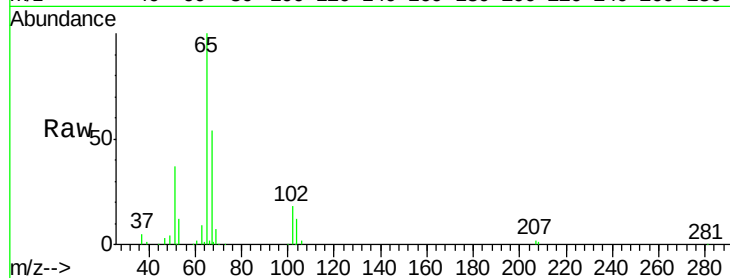




#33
 1,2-Dichloroethane-d4
 Concen: 48.755 ug/l
 RT: 8.00 min Scan# 1938
 Delta R.T. 0.00 min
 Lab File: VN060285.D
 Acq: 28 Feb 2020 15:26

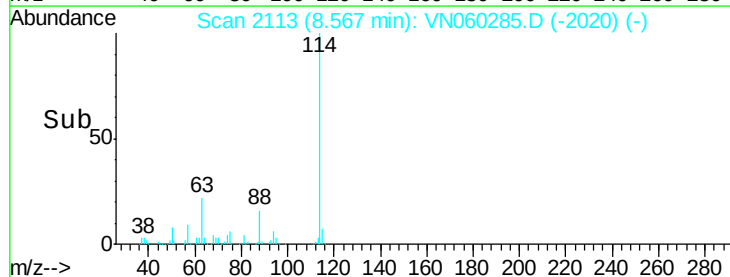
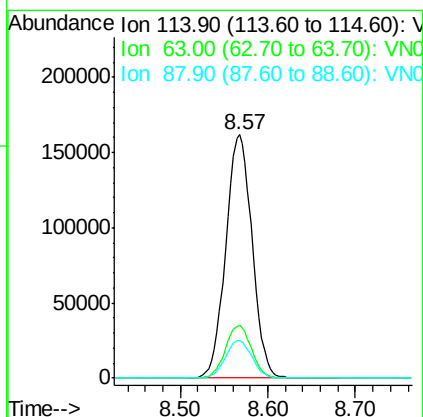
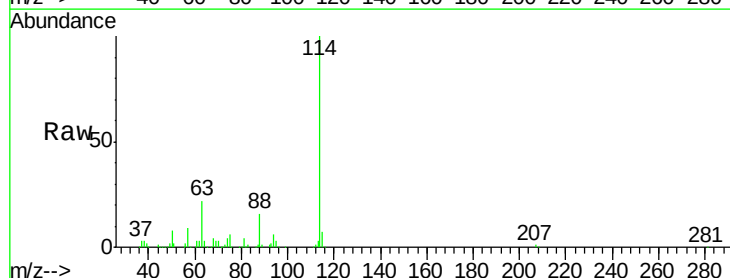
Instrument :
 MSVOA_N
 ClientSampleId :
 PB127123ZHE#16

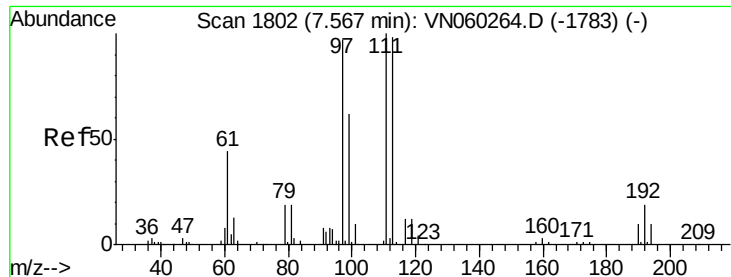
Tot Ion: 65 Resp: 129327
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VN060285.D
 Acq: 28 Feb 2020 15:26

Tgt Ion: 114 Resp: 337611
 Ion Ratio Lower Upper
 114 100
 63 21.6 0.0 43.2
 88 15.7 0.0 31.6

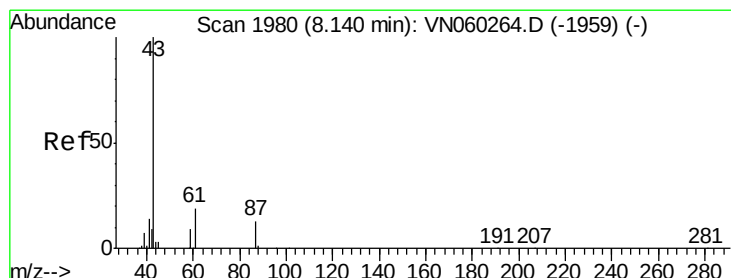
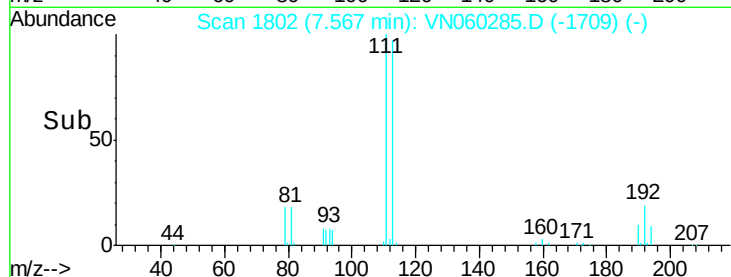
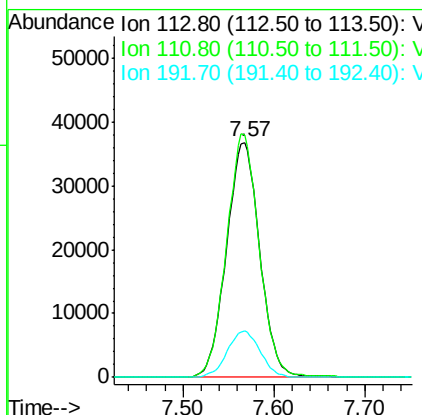
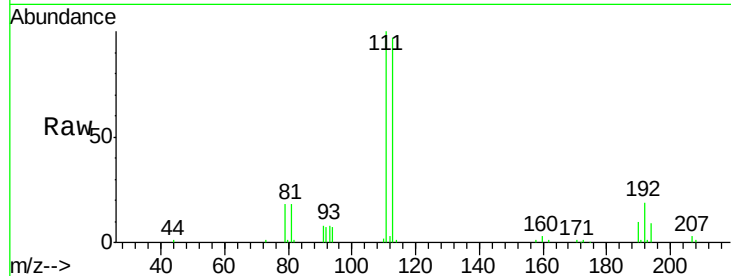




#35
 Dibromofluoromethane
 Concen: 59.737 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: VN060285.D
 Acq: 28 Feb 2020 15:26

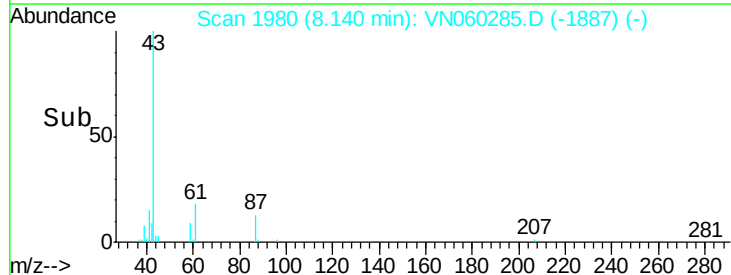
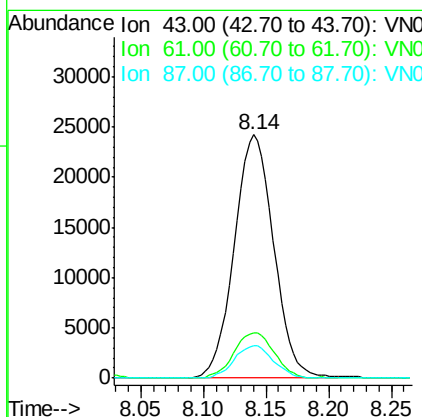
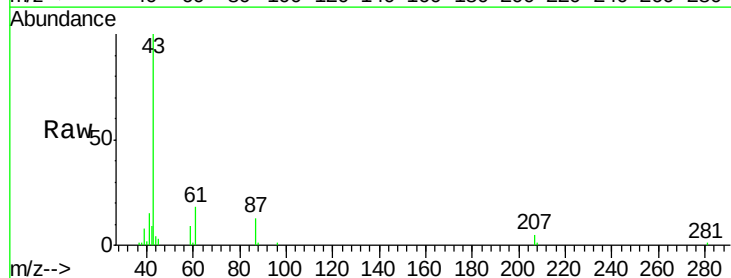
Instrument :
 MSVOA_N
 ClientSampleId :
 PB127123ZHE#16

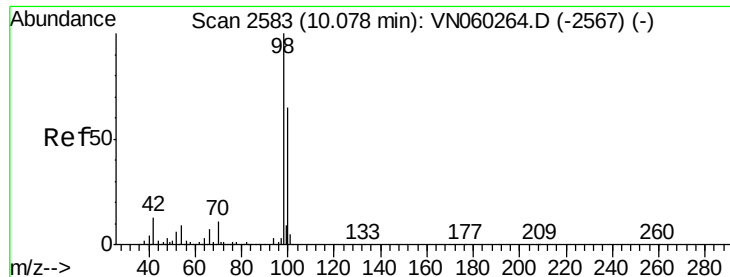
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.6	82.4	123.6
192	19.4	16.2	24.2



#43
 Isopropyl Acetate
 Concen: 9.942 ug/l
 RT: 8.14 min Scan# 1980
 Delta R.T. 0.00 min
 Lab File: VN060285.D
 Acq: 28 Feb 2020 15:26

Tgt Ion	Ratio	Lower	Upper
43	100		
61	18.9	20.9	31.3#
87	13.1	10.6	16.0





#50

Toluene-d8

Concen: 52.164 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. 0.00 min

Lab File: VN060285.D

Acq: 28 Feb 2020 15:26

Instrument :

MSVOA_N

ClientSampleId :

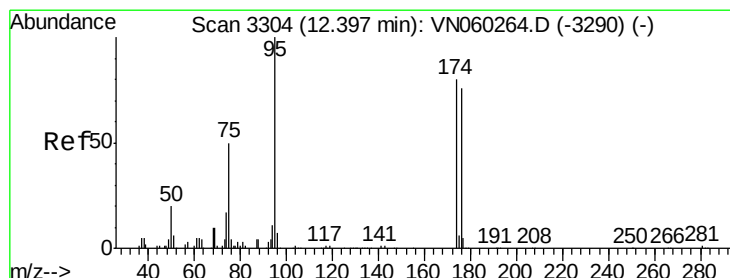
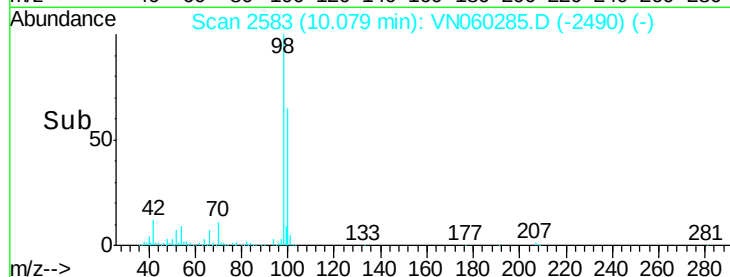
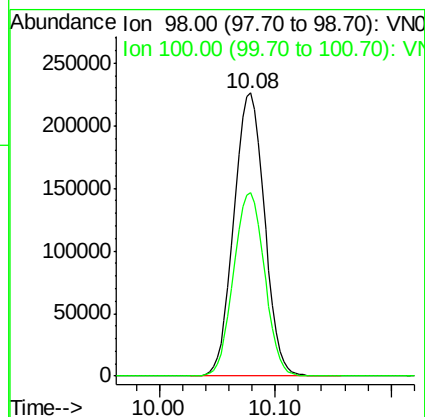
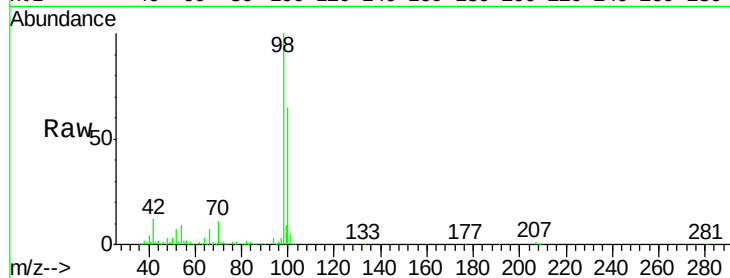
PB127123ZHE#16

Tot Ion: 98 Resp: 413720

Ion Ratio Lower Upper

98 100

100 65.4 52.2 78.2



#62

4-Bromofluorobenzene

Concen: 52.601 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN060285.D

Acq: 28 Feb 2020 15:26

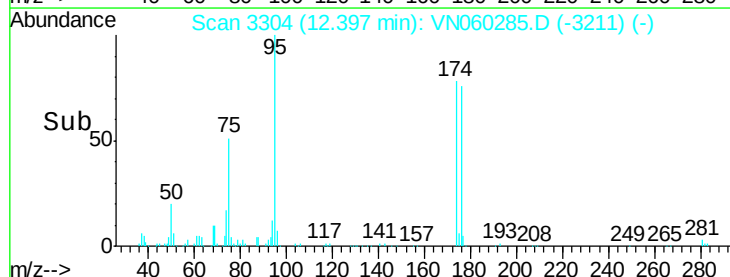
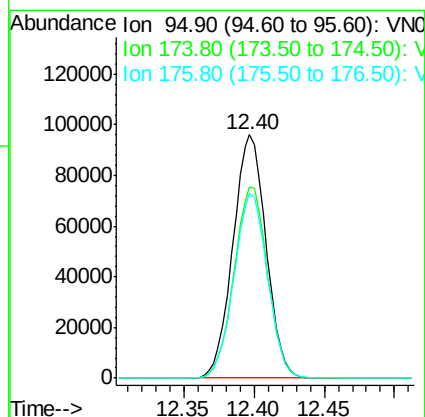
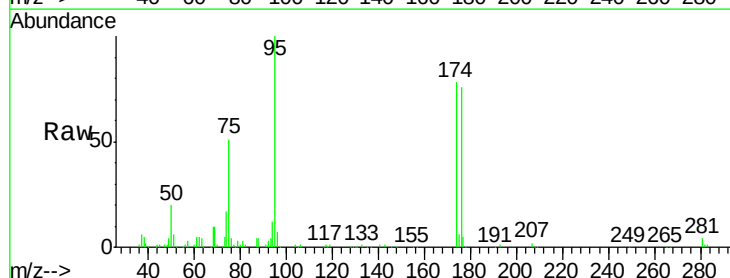
Tgt Ion: 95 Resp: 158147

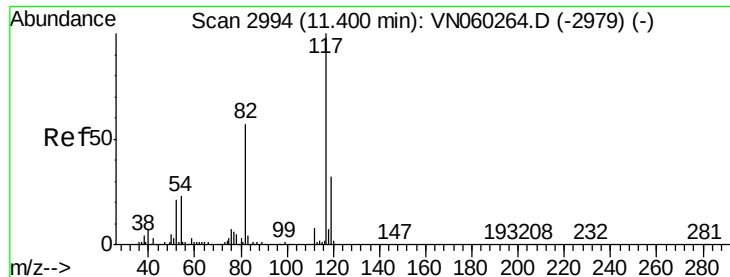
Ion Ratio Lower Upper

95 100

174 79.4 0.0 159.2

176 76.9 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: VN060285.D

Acq: 28 Feb 2020 15:26

Instrument :

MSVOA_N

ClientSampleId :

PB127123ZHE#16

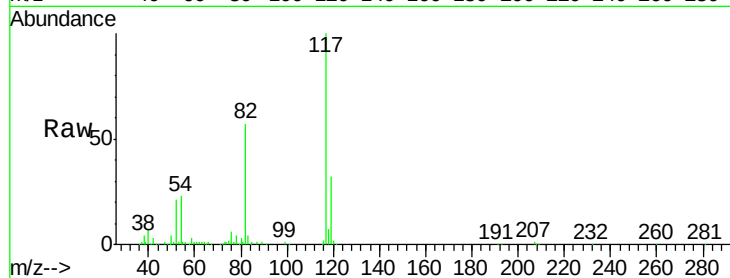
Tot Ion:117 Resp: 319377

Ion Ratio Lower Upper

117 100

82 57.3 45.8 68.6

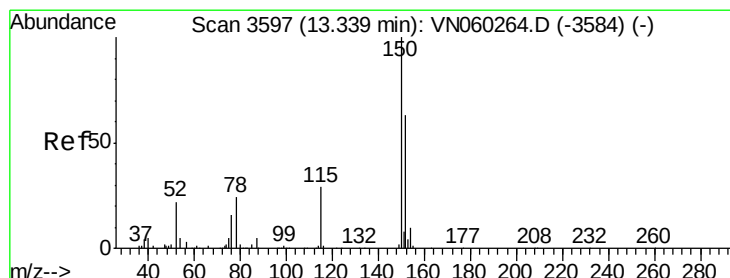
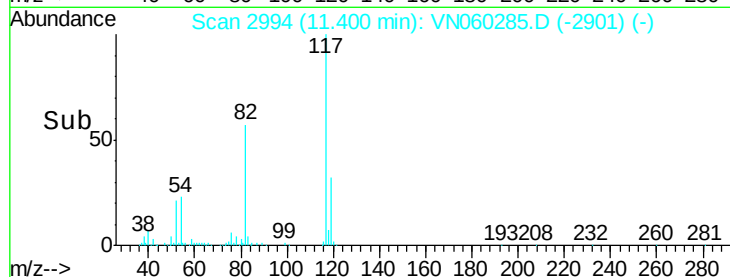
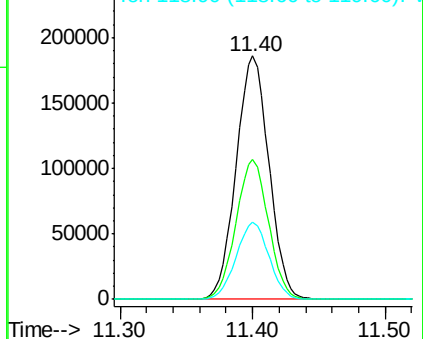
119 31.5 25.8 38.8



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: VN060285.D

Acq: 28 Feb 2020 15:26

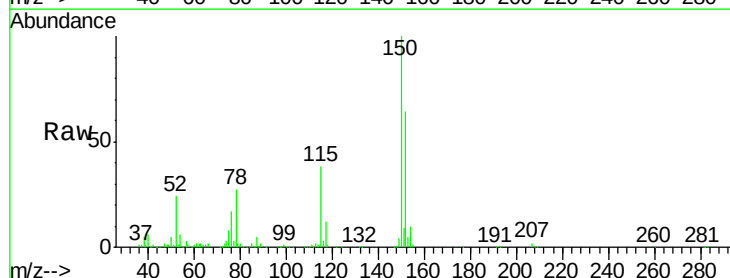
Tgt Ion:152 Resp: 150776

Ion Ratio Lower Upper

152 100

115 59.2 30.0 90.0

150 156.0 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

