

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032620\
 Data File : VN060718.D
 Acq On : 26 Mar 2020 16:58
 Operator : JC/MD
 Sample : PB127792TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB127792TB

Quant Time: Mar 27 07:15:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 18 08:49:09 2020
 Response via : Initial Calibration

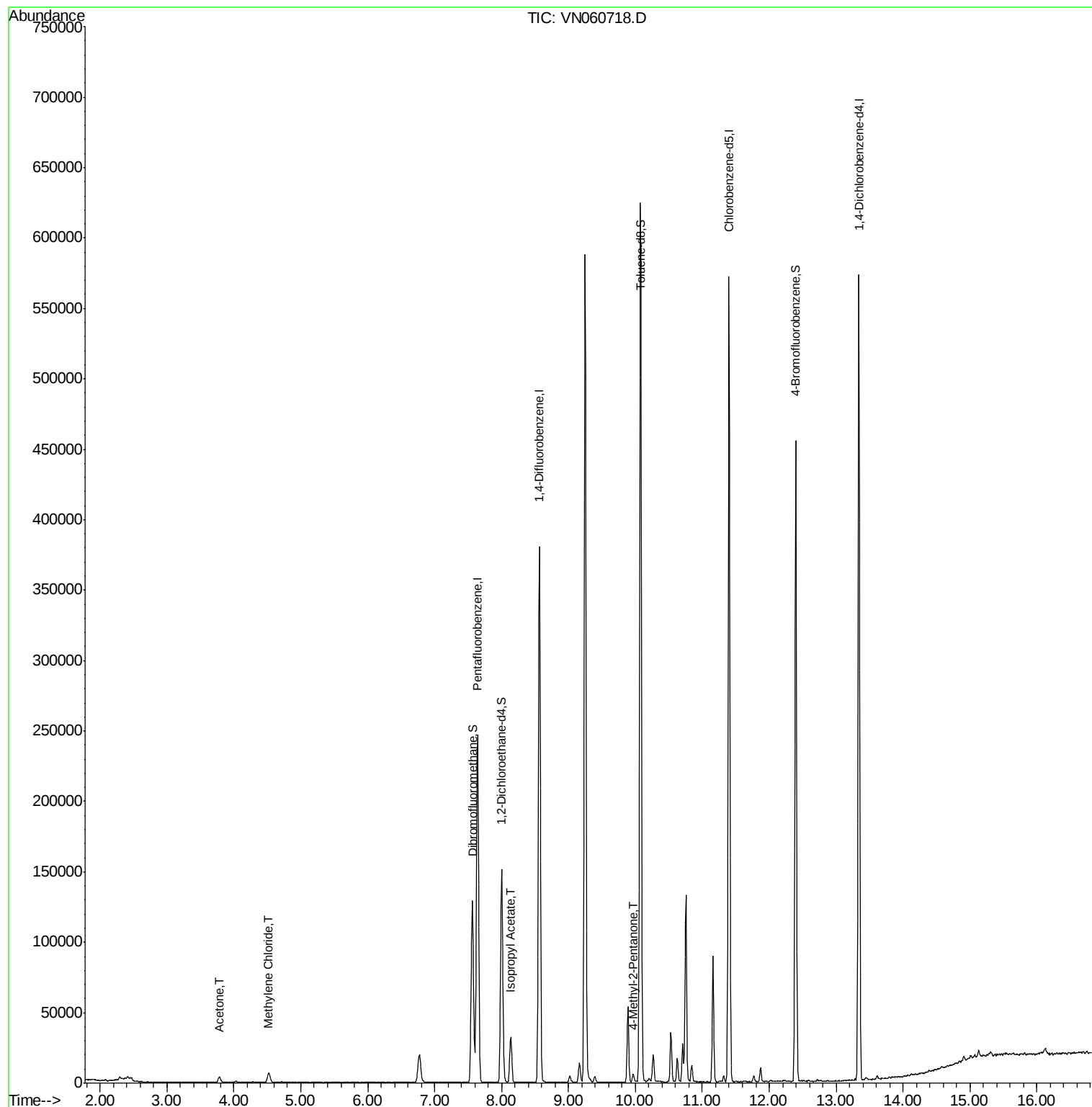
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	202767	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	338830	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	320724	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	149831	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	131893	47.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.76%	
35) Dibromofluoromethane	7.56	113	100560	49.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.16%	
50) Toluene-d8	10.08	98	421205	50.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.66%	
62) 4-Bromofluorobenzene	12.40	95	157870	51.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.94%	
Target Compounds						
16) Acetone	3.78	43	7272	7.375	ug/l	95
20) Methylene Chloride	4.52	84	5134	2.117	ug/l	93
43) Isopropyl Acetate	8.14	43	39095	6.687	ug/l #	90
51) 4-Methyl-2-Pentanone	9.97	43	3793	1.140	ug/l	97

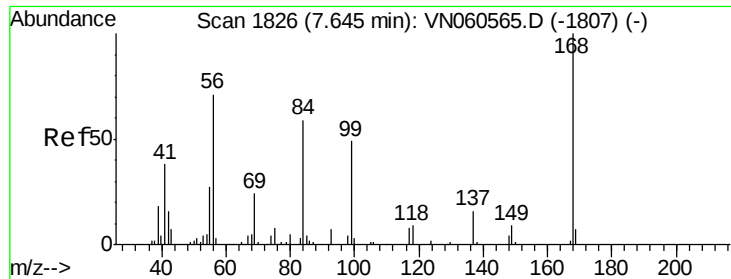
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Mar 18 08:49:09 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN060718.D

Acq: 26 Mar 2020 16:58

Instrument :

MSVOA_N

ClientSampleId :

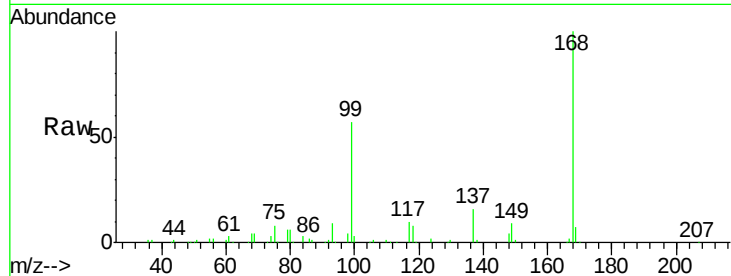
PB127792TB

Tot Ion:168 Resp: 202767

Ion Ratio Lower Upper

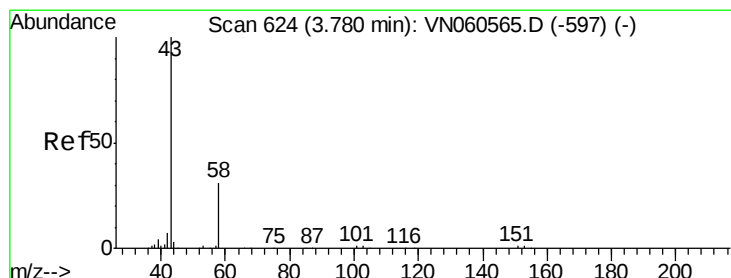
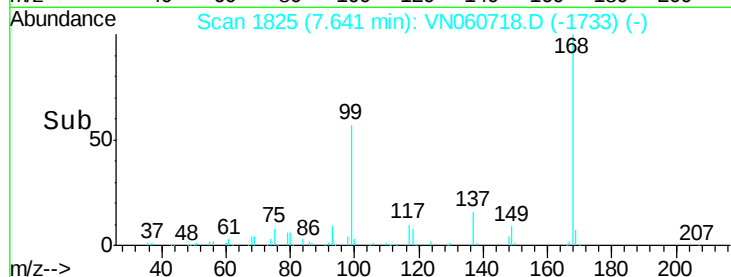
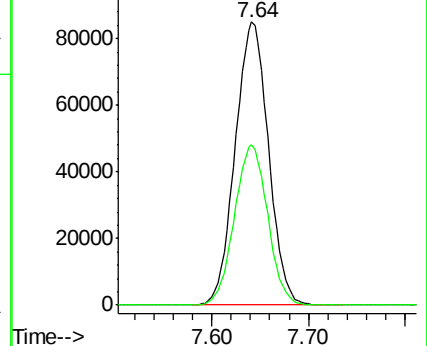
168 100

99 56.8 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 7.375 ug/l

RT: 3.78 min Scan# 624

Delta R.T. -0.00 min

Lab File: VN060718.D

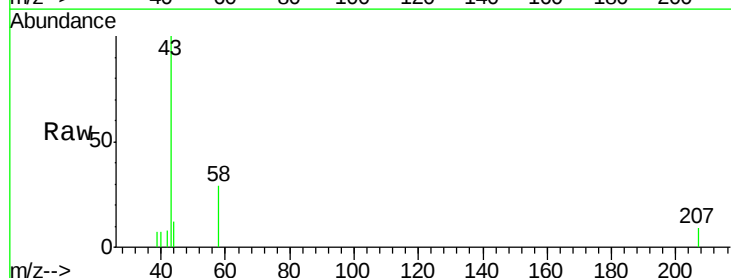
Acq: 26 Mar 2020 16:58

Tgt Ion: 43 Resp: 7272

Ion Ratio Lower Upper

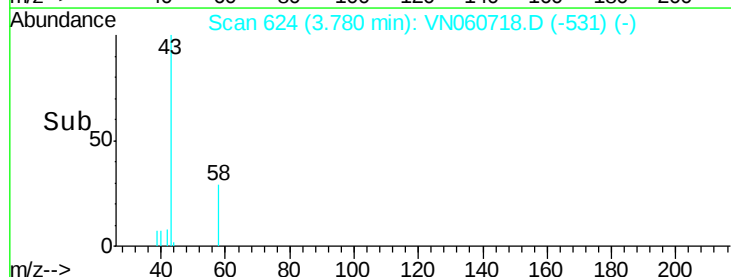
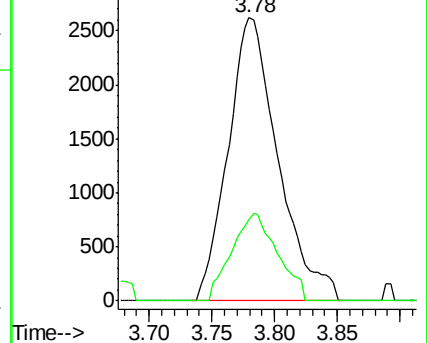
43 100

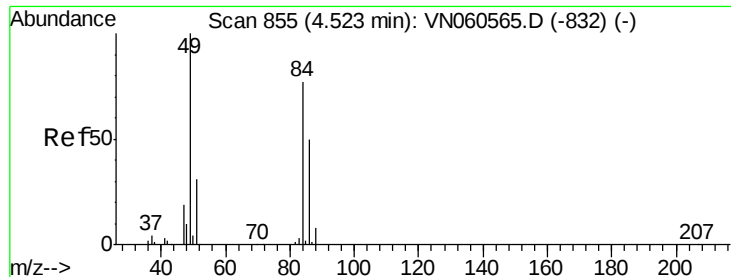
58 28.8 25.1 37.7



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO





#20

Methvlene Chloride

Concen: 2.117 ug/l

RT: 4.52 min Scan# 854

Delta R.T. -0.00 min

Lab File: VN060718.D

Acq: 26 Mar 2020 16:58

Instrument :

MSVOA_N

ClientSampled :

PB127792TB

Tot Ion: 84 Resp: 5134

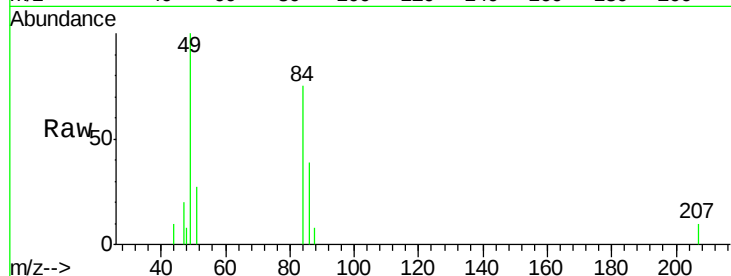
Ion Ratio Lower Upper

84 100

49 133.7 103.3 154.9

51 36.7 31.6 47.4

86 52.7 52.0 78.0

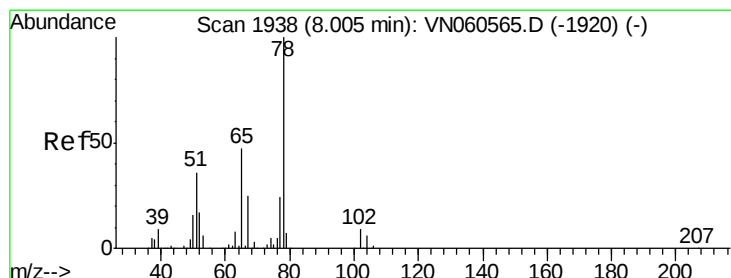
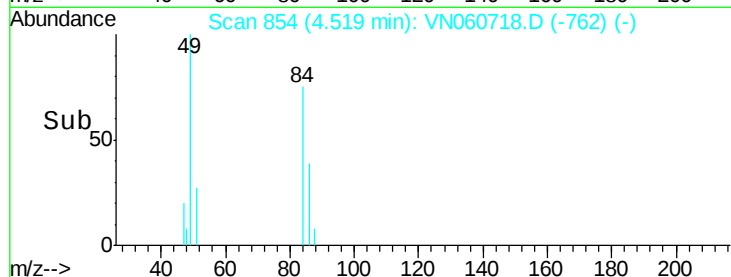
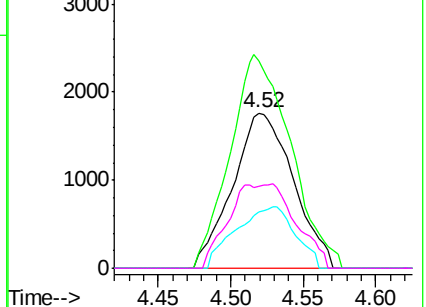


Abundance Ion 83.90 (83.60 to 84.60): VN0

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



#33

1,2-Dichloroethane-d4

Concen: 47.383 ug/l

RT: 8.00 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VN060718.D

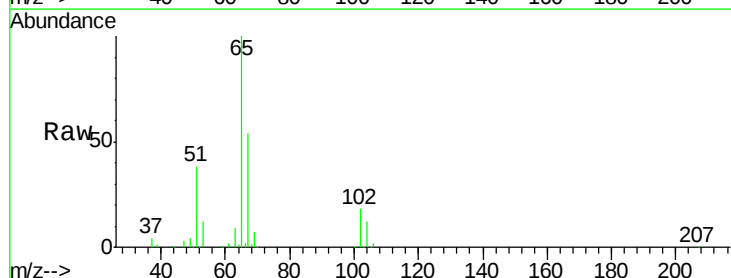
Acq: 26 Mar 2020 16:58

Tgt Ion: 65 Resp: 131893

Ion Ratio Lower Upper

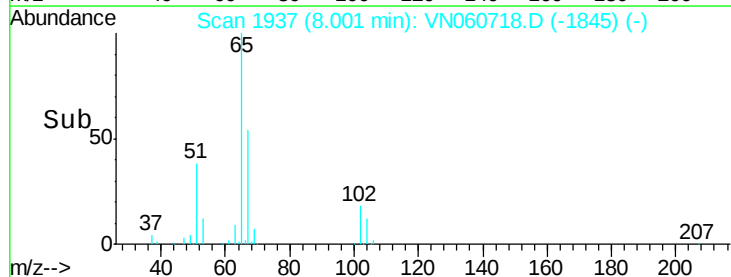
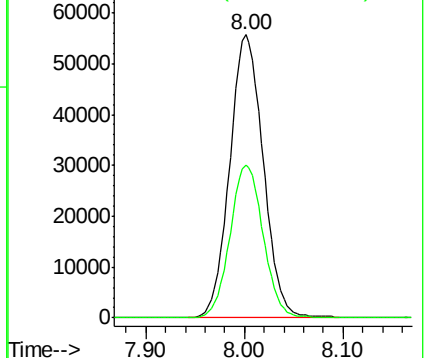
65 100

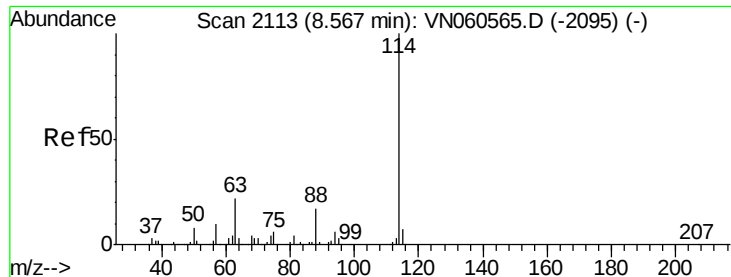
67 53.3 0.0 107.6



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

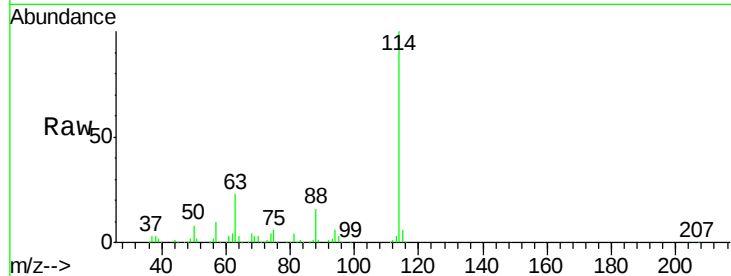




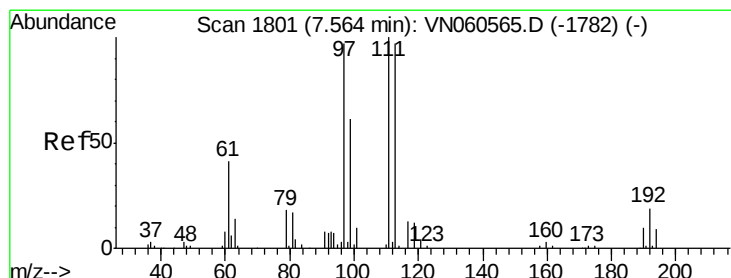
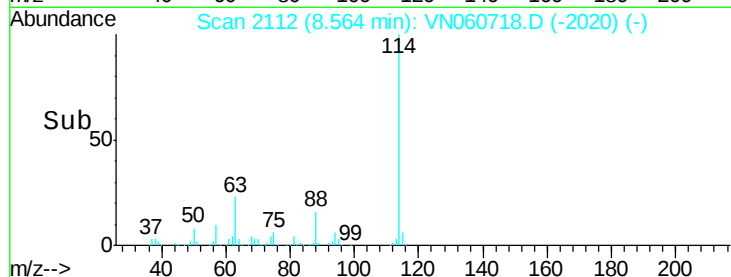
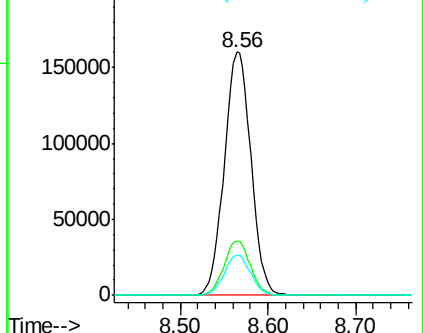
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.56 min Scan# 2112
Delta R.T. -0.00 min
Lab File: VN060718.D
Acq: 26 Mar 2020 16:58

Instrument :
MSVOA_N
ClientSampleId :
PB127792TB

Tot Ion	Ratio	Lower	Upper
114	100		
63	22.5	0.0	43.8
88	16.4	0.0	33.0

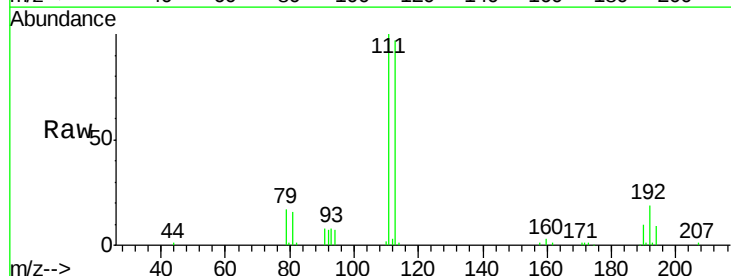


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

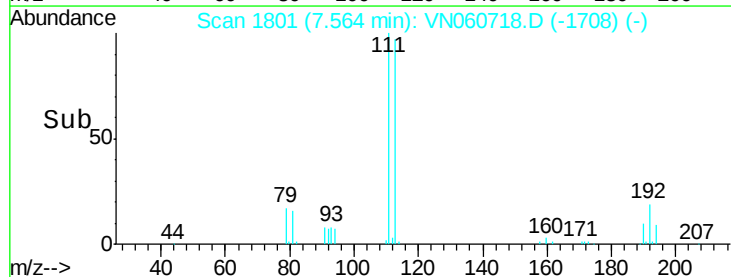
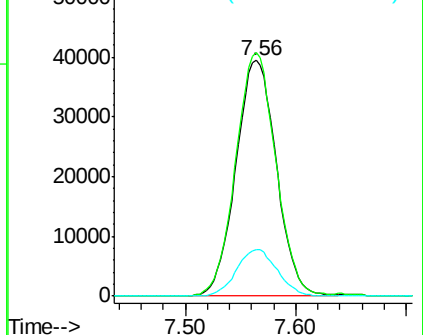


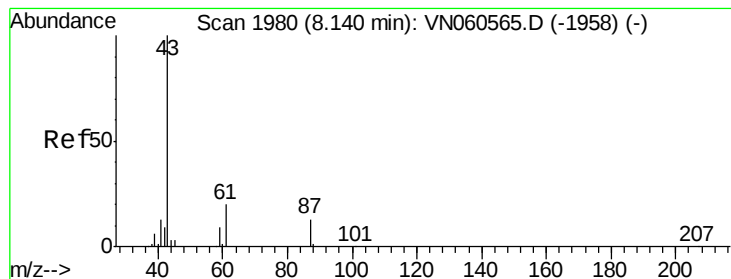
#35
Dibromofluoromethane
Concen: 49.082 ug/l
RT: 7.56 min Scan# 1801
Delta R.T. -0.00 min
Lab File: VN060718.D
Acq: 26 Mar 2020 16:58

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.9	124.3
192	19.7	15.8	23.8



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: 6.687 ug/l

RT: 8.14 min Scan# 1979

Delta R.T. -0.00 min

Lab File: VN060718.D

Acq: 26 Mar 2020 16:58

Instrument :

MSVOA_N

ClientSampleId :

PB127792TB

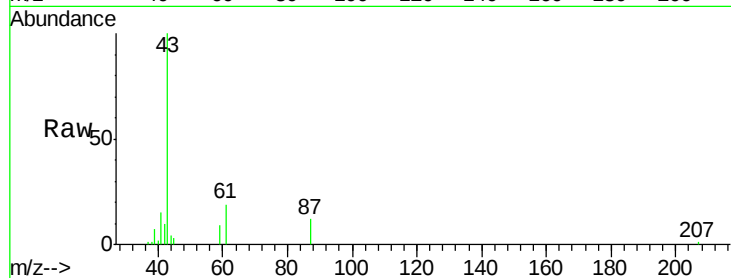
Tot Ion: 43 Resp: 39095

Ion Ratio Lower Upper

43 100

61 18.6 20.7 31.1#

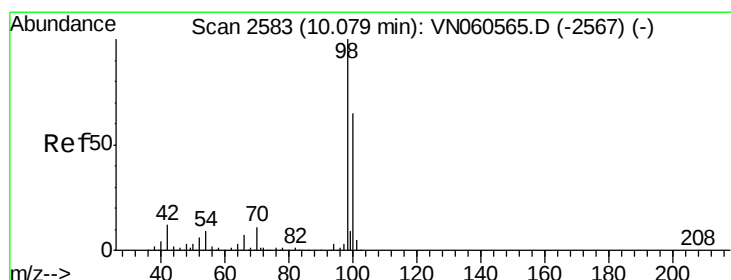
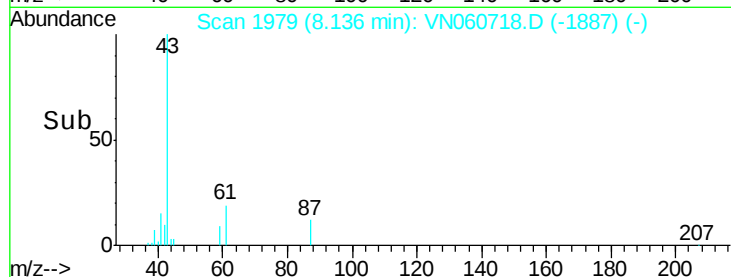
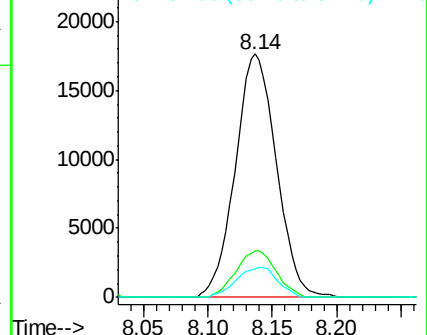
87 12.3 9.8 14.8



Abundance Ion 43.00 (42.70 to 43.70): VN060718.D (-1958) (-)

Ion 61.00 (60.70 to 61.70): VN060718.D (-1958) (-)

Ion 87.00 (86.70 to 87.70): VN060718.D (-1958) (-)



#50

Toluene-d8

Concen: 50.332 ug/l

RT: 10.08 min Scan# 2582

Delta R.T. -0.00 min

Lab File: VN060718.D

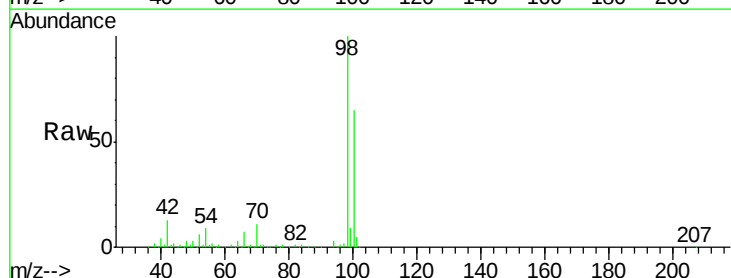
Acq: 26 Mar 2020 16:58

Tgt Ion: 98 Resp: 421205

Ion Ratio Lower Upper

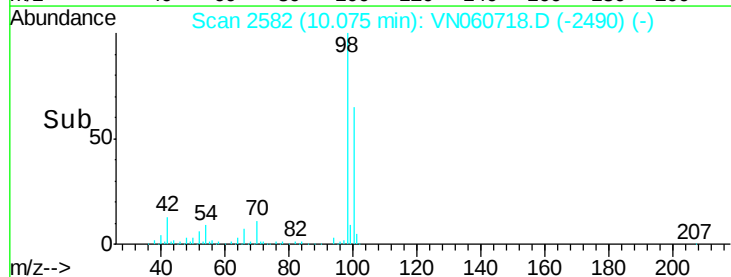
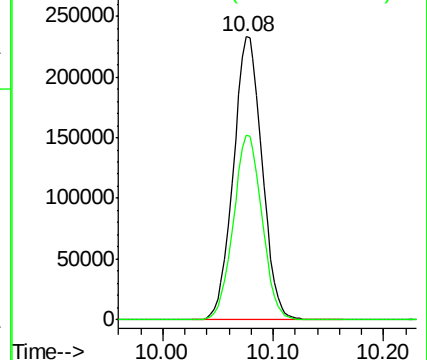
98 100

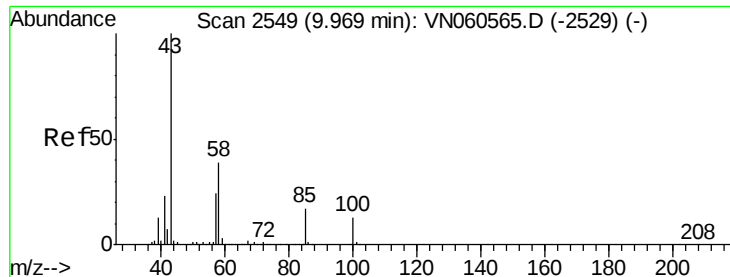
100 65.0 51.8 77.8



Abundance Ion 98.00 (97.70 to 98.70): VN060718.D (-2567) (-)

Ion 100.00 (99.70 to 100.70): VN060718.D (-2567) (-)

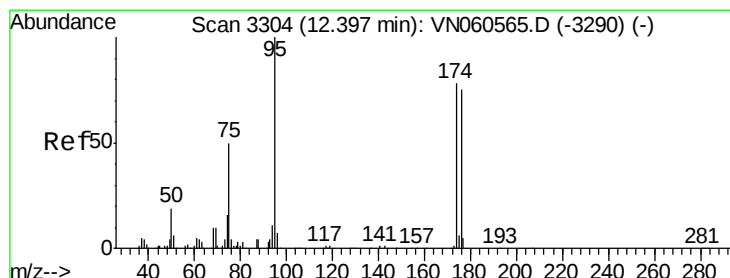
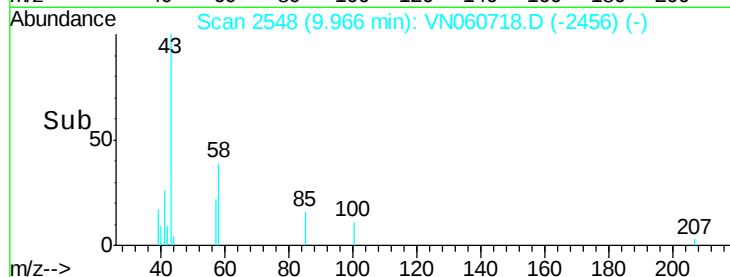
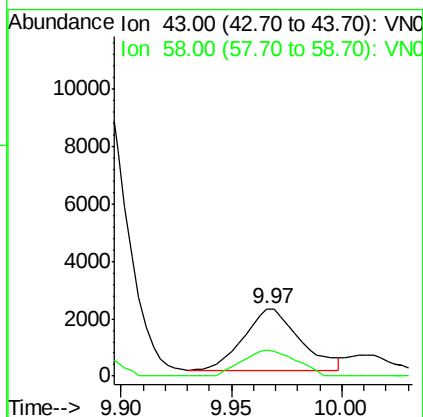
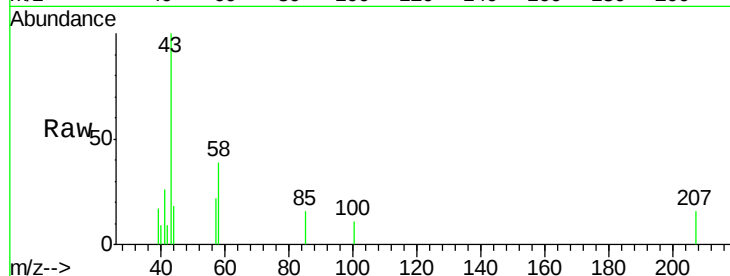




#51
4-Methyl-2-Pentanone
Concen: 1.140 ug/l
RT: 9.97 min Scan# 2548
Delta R.T. -0.00 min
Lab File: VN060718.D
Acq: 26 Mar 2020 16:58

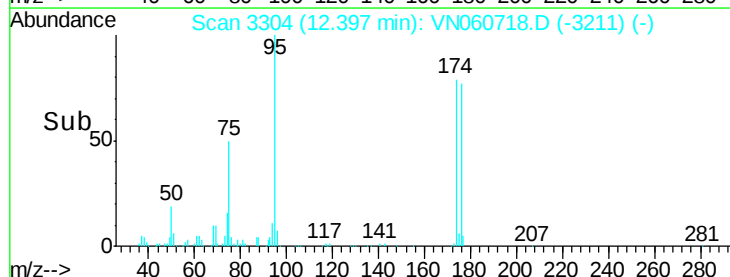
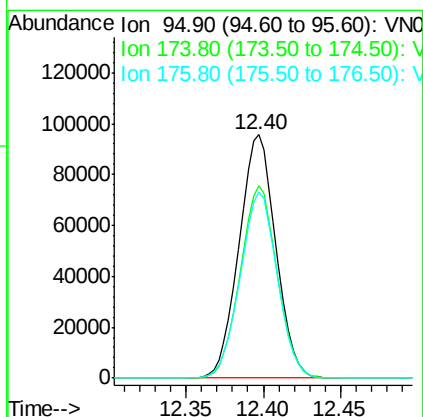
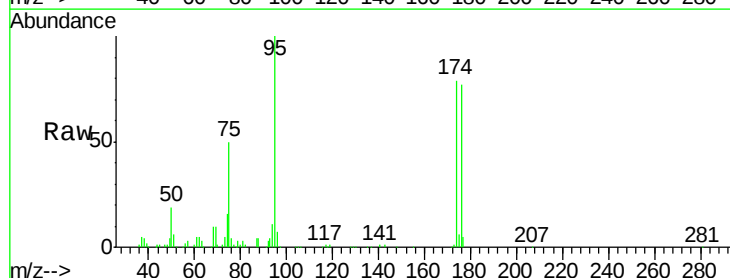
Instrument :
MSVOA_N
ClientSampled :
PB127792TB

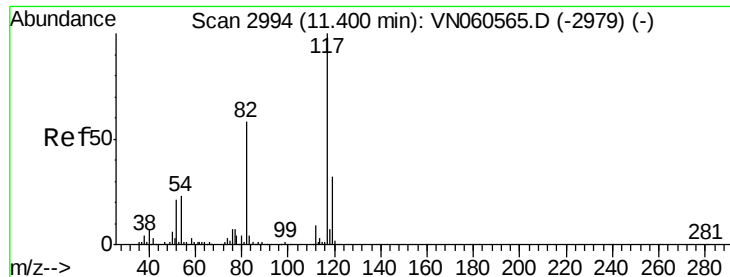
Tot Ion: 43 Resp: 3793
Ion Ratio Lower Upper
43 100
58 40.5 30.8 46.2



#62
4-Bromofluorobenzene
Concen: 51.475 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. -0.00 min
Lab File: VN060718.D
Acq: 26 Mar 2020 16:58

Tgt Ion: 95 Resp: 157870
Ion Ratio Lower Upper
95 100
174 79.3 0.0 157.6
176 77.4 0.0 150.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. -0.00 min

Lab File: VN060718.D

Acq: 26 Mar 2020 16:58

Instrument :

MSVOA_N

ClientSampleId :

PB127792TB

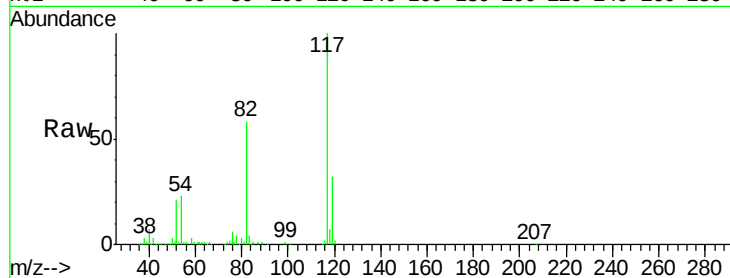
Tot Ion:117 Resp: 320724

Ion Ratio Lower Upper

117 100

82 57.5 46.7 70.1

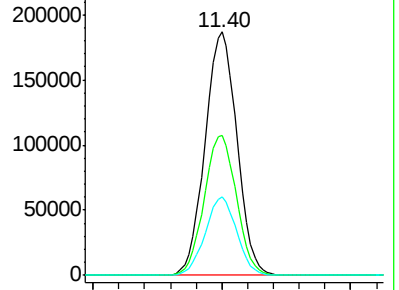
119 32.1 25.5 38.3



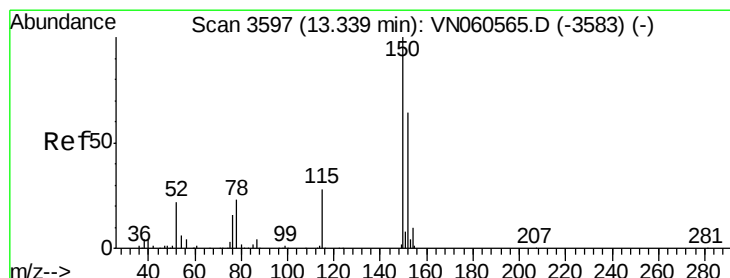
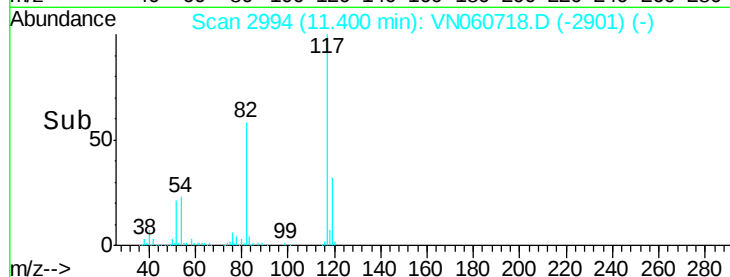
Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



Time--> 11.30 11.40 11.50



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. -0.00 min

Lab File: VN060718.D

Acq: 26 Mar 2020 16:58

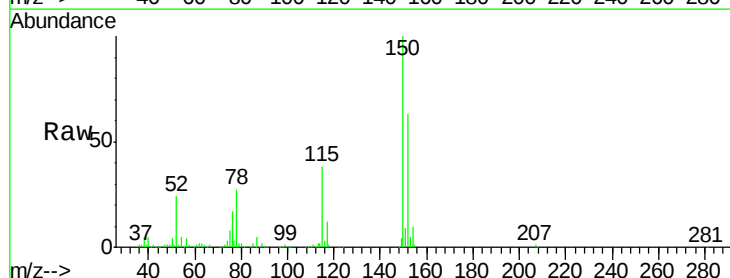
Tgt Ion:152 Resp: 149831

Ion Ratio Lower Upper

152 100

115 60.1 30.2 90.6

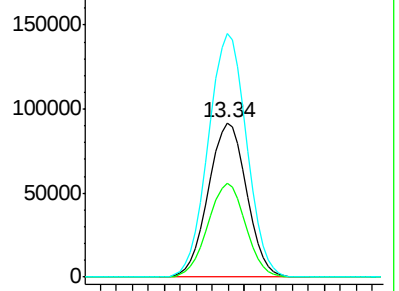
150 158.2 0.0 350.2



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



Time--> 13.30 13.35 13.40

