

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031920\
 Data File : VN060628.D
 Acq On : 19 Mar 2020 11:58
 Operator : JC/MD
 Sample : PB127661TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB127661TB

Quant Time: Mar 20 07:04:20 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

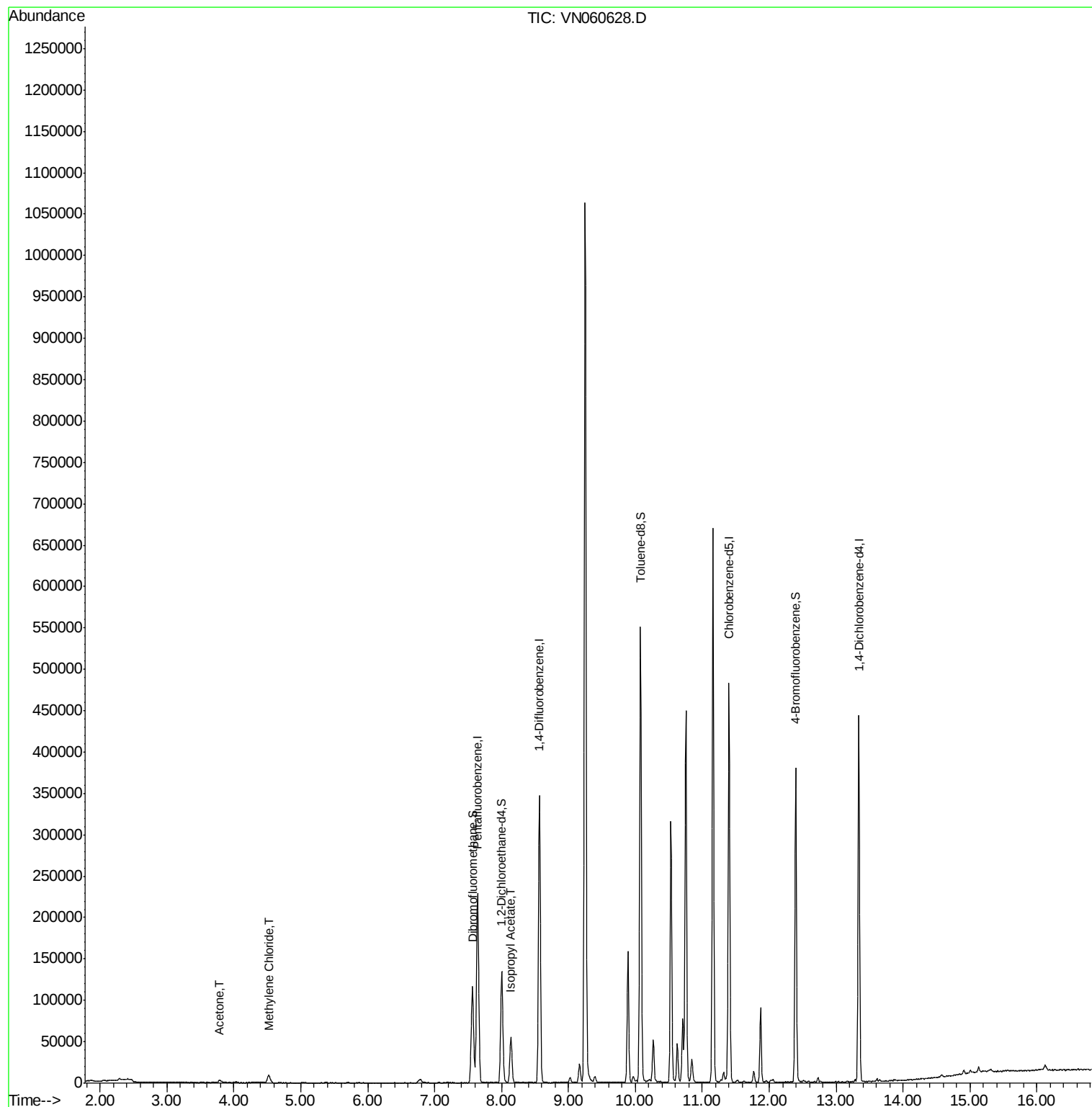
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	184880	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	302787	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	276372	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	116485	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	118159	46.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.12%	
35) Dibromofluoromethane	7.57	113	90261	49.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.60%	
50) Toluene-d8	10.08	98	373202	49.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.80%	
62) 4-Bromofluorobenzene	12.40	95	133236	48.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.22%	
Target Compounds						
16) Acetone	3.79	43	6325	7.036	ug/l	97
20) Methylene Chloride	4.52	84	6835	3.091	ug/l	95
43) Isopropyl Acetate	8.14	43	66335	12.697	ug/l #	92

(#) = 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: VN060628.D

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Instrument :

MSVOA_N

ClientSampleId :

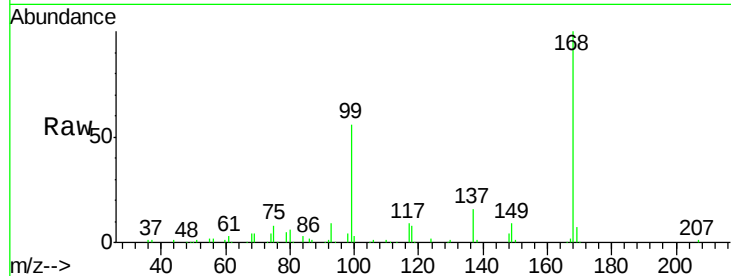
PB127661TB

Tot Ion:168 Resp: 184880

Ion Ratio Lower Upper

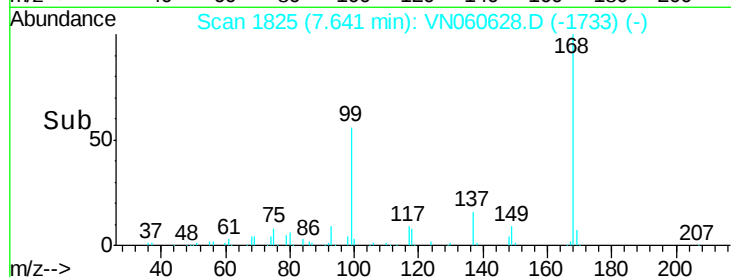
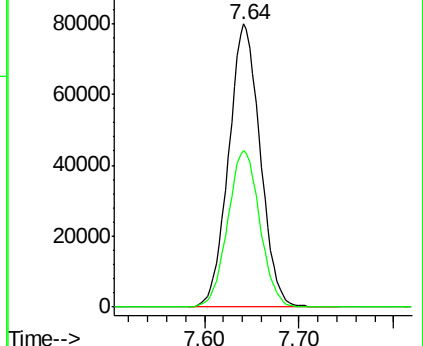
168 100

99 55.5 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): VN060628.D (-1733) (-)

Ion 98.90 (98.60 to 99.60): VN060628.D (-1733) (-)



#16

Acetone

Concen: 7.036 ug/l

RT: 3.79 min Scan# 627

Delta R.T. 0.01 min

Lab File: VN060628.D

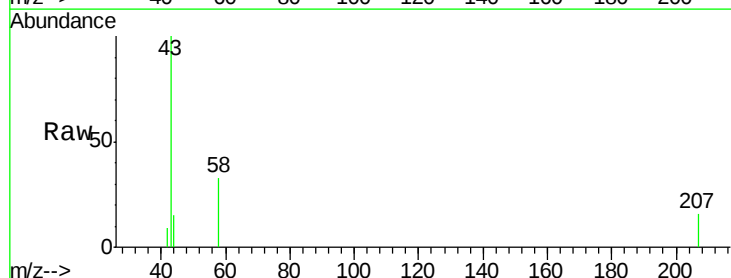
Acq: 19 Mar 2020 11:58

Tgt Ion: 43 Resp: 6325

Ion Ratio Lower Upper

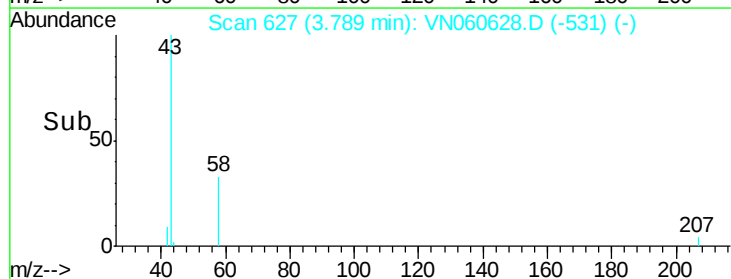
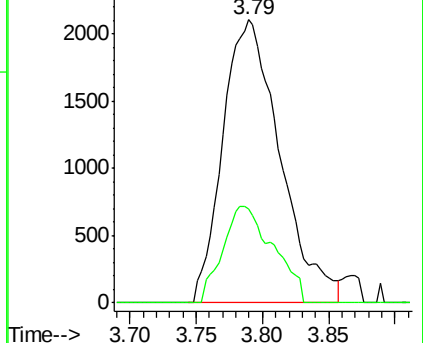
43 100

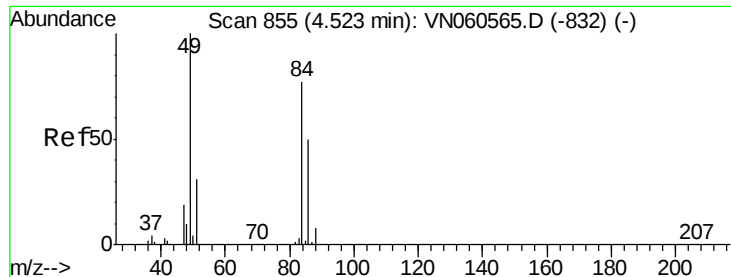
58 33.1 25.1 37.7



Abundance Ion 43.00 (42.70 to 43.70): VN060628.D (-531) (-)

Ion 58.00 (57.70 to 58.70): VN060628.D (-531) (-)

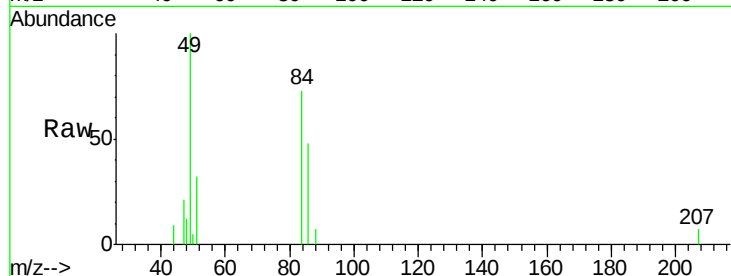




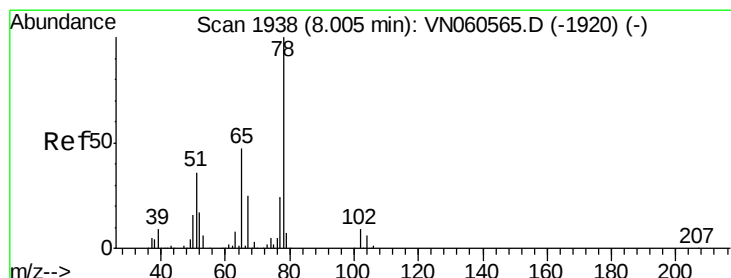
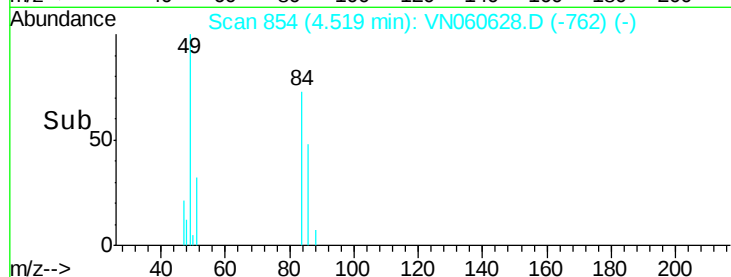
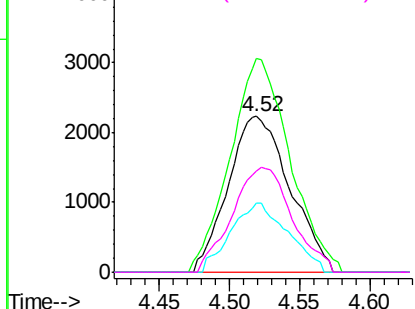
#20
Methylene Chloride
Concen: 3.091 ug/l
RT: 4.52 min Scan# 854
Delta R.T. -0.00 min
Lab File: VN060628.D
Acq: 19 Mar 2020 11:58

Instrument :
MSVOA_N
ClientSampled :
PB127661TB

Tot Ion: 84 Resp: 6835
Ion Ratio Lower Upper
84 100
49 136.9 103.3 154.9
51 44.2 31.6 47.4
86 65.1 52.0 78.0

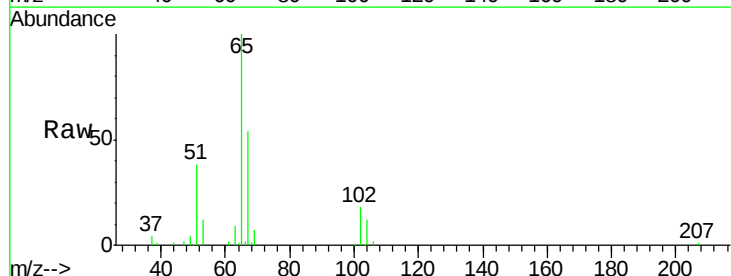


Abundance Ion 83.90 (83.60 to 84.60): VN0
Ion 48.90 (48.60 to 49.60): VN0
Ion 50.90 (50.60 to 51.60): VN0
Ion 85.90 (85.60 to 86.60): VN0

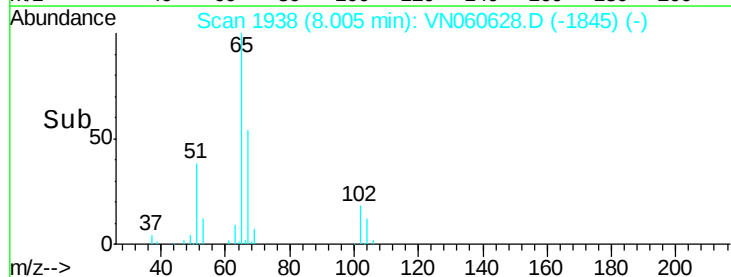
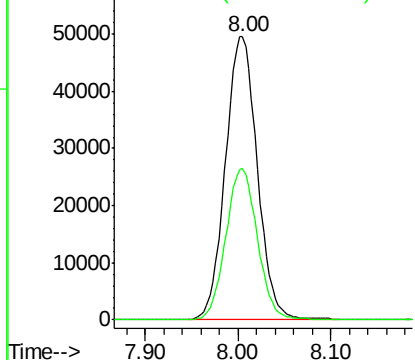


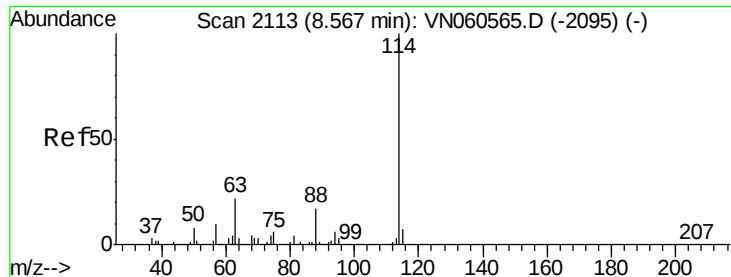
#33
1,2-Dichloroethane-d4
Concen: 46.556 ug/l
RT: 8.00 min Scan# 1938
Delta R.T. 0.00 min
Lab File: VN060628.D
Acq: 19 Mar 2020 11:58

Tgt Ion: 65 Resp: 118159
Ion Ratio Lower Upper
65 100
67 52.8 0.0 107.6



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0

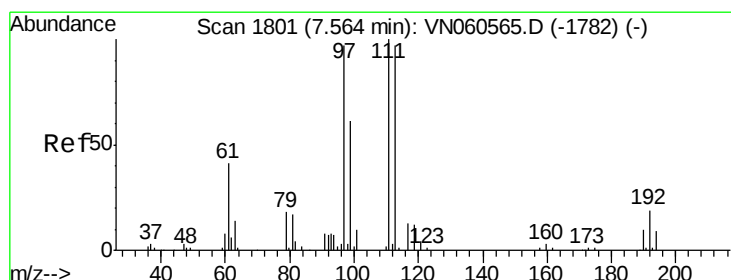
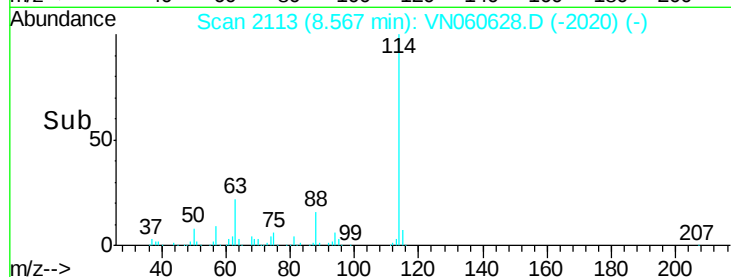
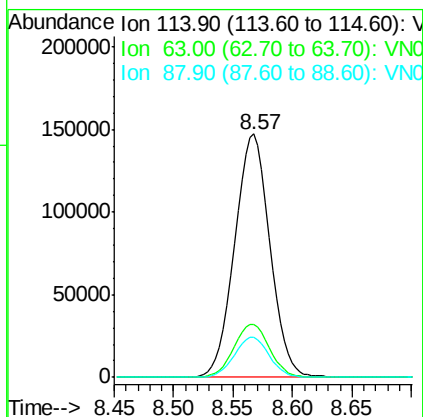
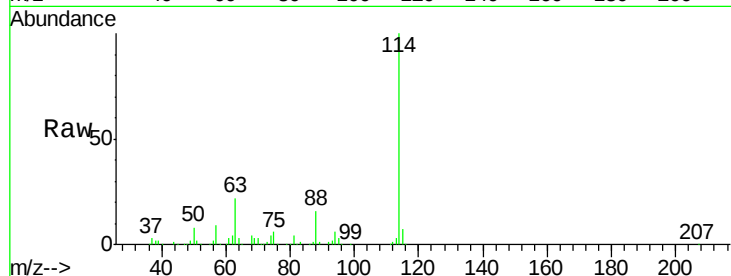




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.57 min Scan# 2113
Delta R.T. 0.00 min
Lab File: VN060628.D
Acq: 19 Mar 2020 11:58

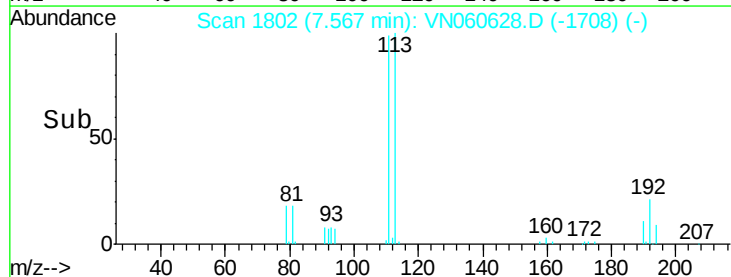
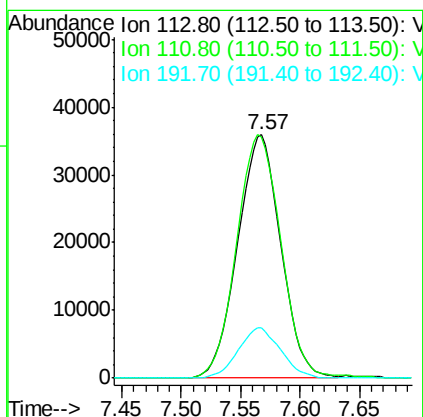
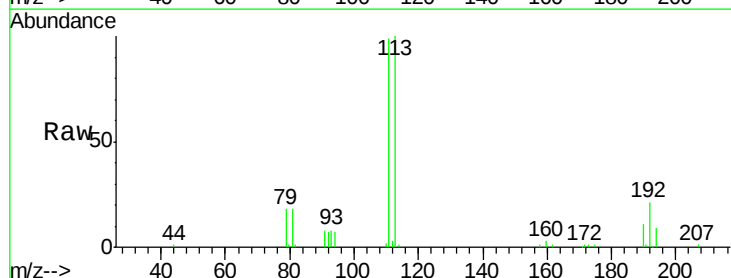
Instrument :
MSVOA_N
ClientSampleId :
PB127661TB

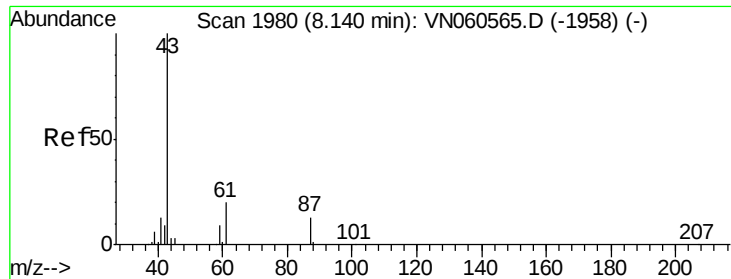
Tot Ion	Ratio	Lower	Upper
114	100		
63	21.9	0.0	43.8
88	16.5	0.0	33.0



#35
Dibromofluoromethane
Concen: 49.300 ug/l
RT: 7.57 min Scan# 1802
Delta R.T. 0.00 min
Lab File: VN060628.D
Acq: 19 Mar 2020 11:58

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.9	124.3
192	20.1	15.8	23.8





#43

Isopropyl Acetate

Concen: 12.697 ug/l

RT: 8.14 min Scan# 1980

Delta R.T. 0.00 min

Lab File: VN060628.D

Acq: 19 Mar 2020 11:58

Instrument :

MSVOA_N

ClientSampleId :

PB127661TB

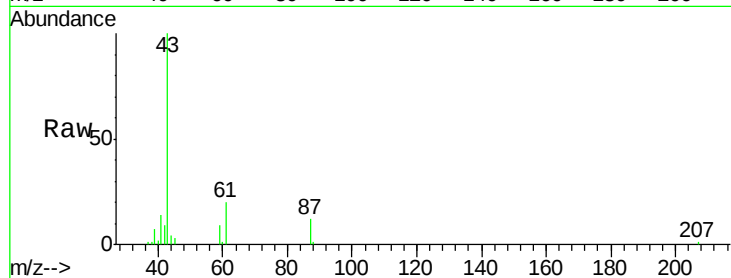
Tot Ion: 43 Resp: 66335

Ion Ratio Lower Upper

43 100

61 19.8 20.7 31.1#

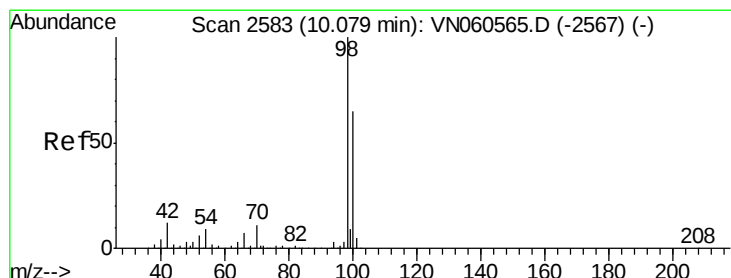
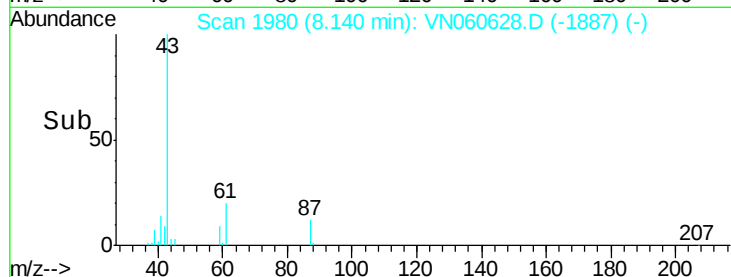
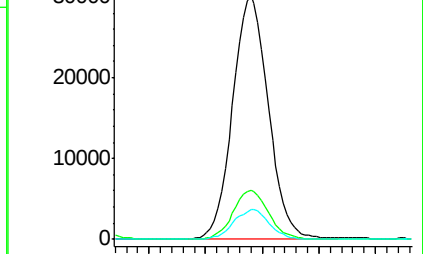
87 12.0 9.8 14.8



Abundance Ion 43.00 (42.70 to 43.70): VN060628.D (-1887) (-)

Ion 61.00 (60.70 to 61.70): VN060628.D (-1887) (-)

Ion 87.00 (86.70 to 87.70): VN060628.D (-1887) (-)



#50

Toluene-d8

Concen: 49.904 ug/l

RT: 10.08 min Scan# 2582

Delta R.T. -0.00 min

Lab File: VN060628.D

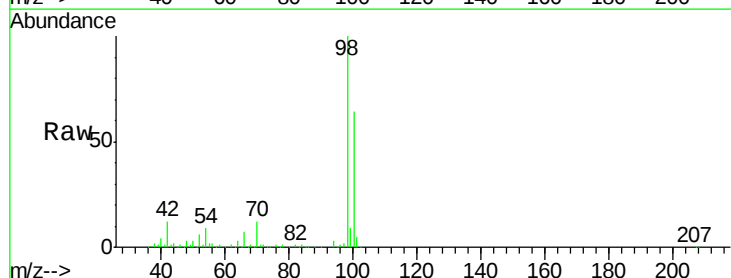
Acq: 19 Mar 2020 11:58

Tgt Ion: 98 Resp: 373202

Ion Ratio Lower Upper

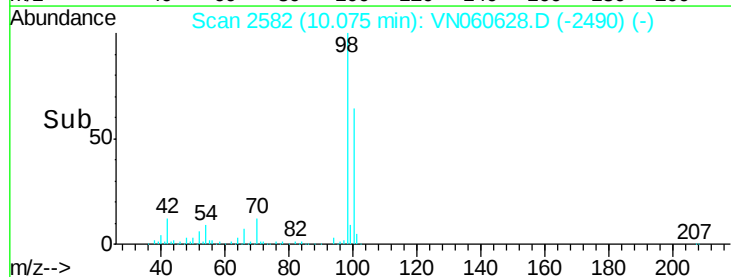
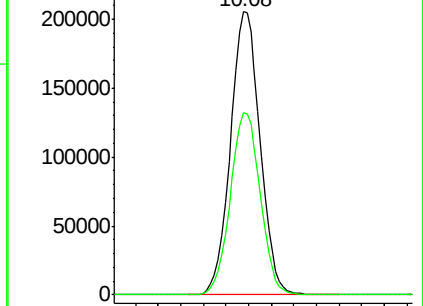
98 100

100 65.1 51.8 77.8



Abundance Ion 98.00 (97.70 to 98.70): VN060628.D (-2490) (-)

Ion 100.00 (99.70 to 100.70): VN060628.D (-2490) (-)





#62

4-Bromofluorobenzene

Concen: 48.614 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN060628.D

Acq: 19 Mar 2020 11:58

Instrument :

MSVOA_N

ClientSampled :

PB127661TB

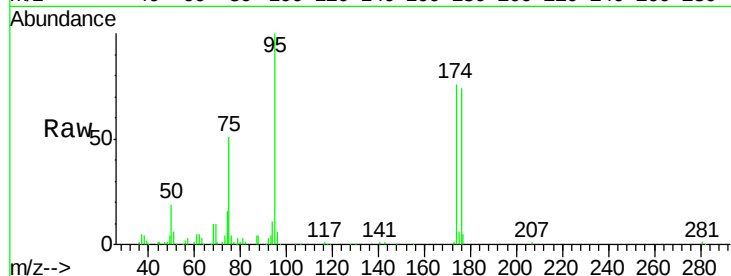
Tot Ion: 95 Resp: 133236

Ion Ratio Lower Upper

95 100

174 77.3 0.0 157.6

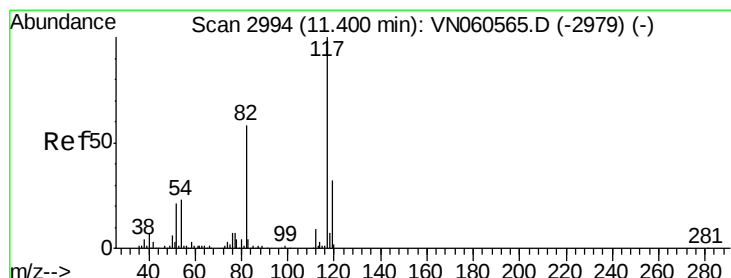
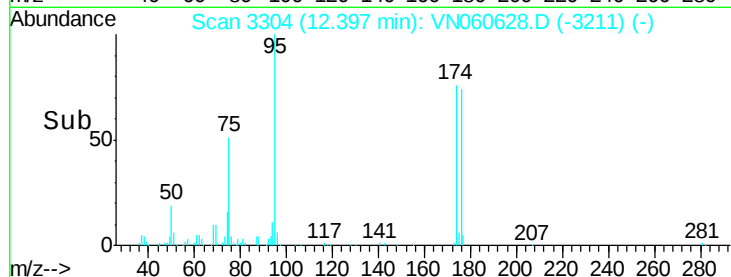
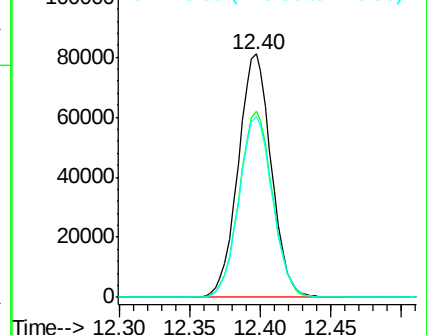
176 75.5 0.0 150.6



Abundance Ion 94.90 (94.60 to 95.60): VN060628.D (-3290) (-)

Ion 173.80 (173.50 to 174.50): VN060628.D (-3290) (-)

Ion 175.80 (175.50 to 176.50): VN060628.D (-3290) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. 0.00 min

Lab File: VN060628.D

Acq: 19 Mar 2020 11:58

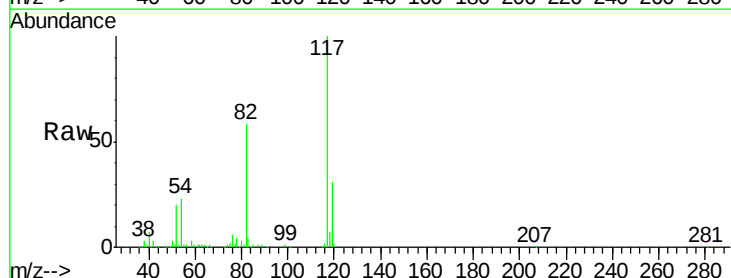
Tgt Ion: 117 Resp: 276372

Ion Ratio Lower Upper

117 100

82 57.8 46.7 70.1

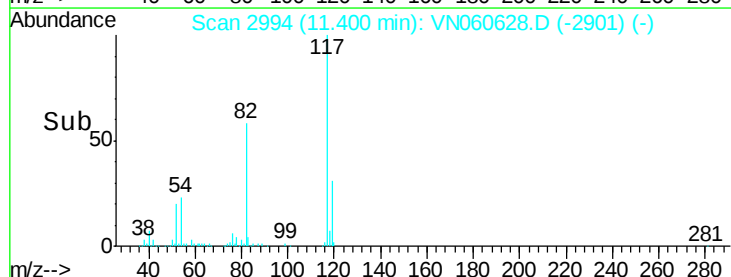
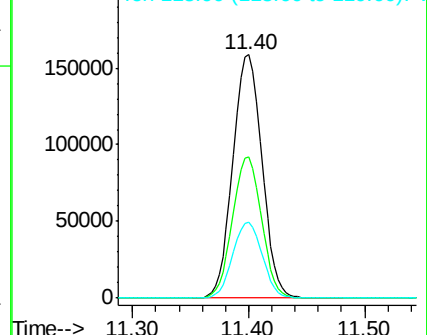
119 31.1 25.5 38.3



Abundance Ion 116.90 (116.60 to 117.60): VN060628.D (-2979) (-)

Ion 82.00 (81.70 to 82.70): VN060628.D (-2979) (-)

Ion 118.90 (118.60 to 119.60): VN060628.D (-2979) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. 0.00 min

Lab File: VN060628.D

Acq: 19 Mar 2020 11:58

Instrument :

MSVOA_N

ClientSampleId :

PB127661TB

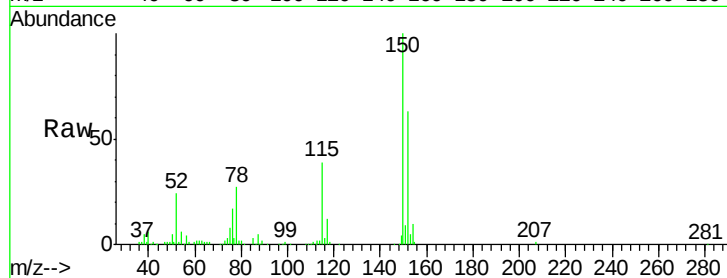
Tot Ion:152 Resp: 116485

Ion Ratio Lower Upper

152 100

115 60.9 30.2 90.6

150 157.3 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

