

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN030220\
 Data File : VN060305.D
 Acq On : 2 Mar 2020 12:48
 Operator : JC/MD
 Sample : PB127166TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB127166TB

Quant Time: Mar 03 06:09:55 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

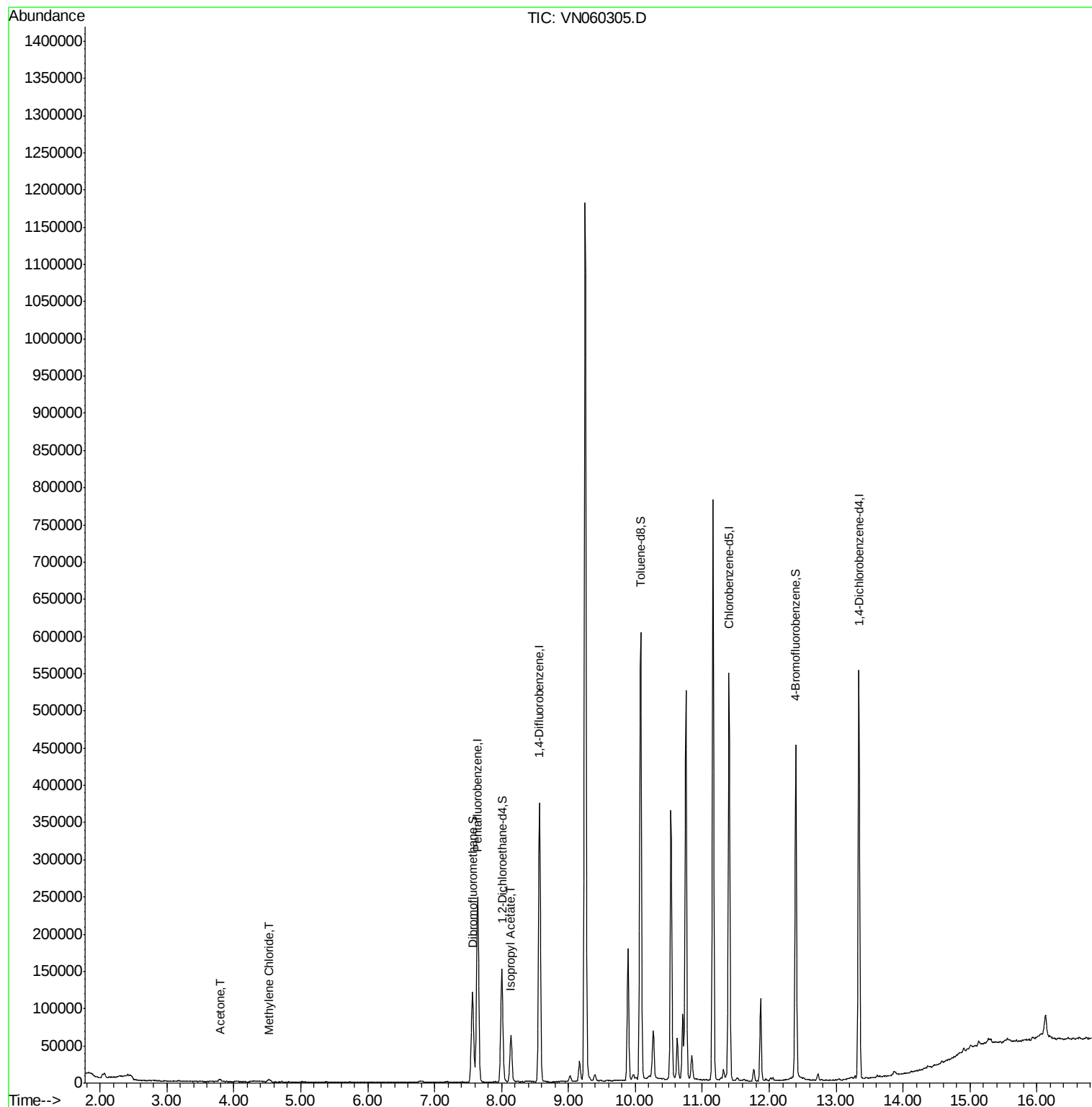
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	204644	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	331327	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	308313	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	144951	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	129278	49.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.48%	
35) Dibromofluoromethane	7.57	113	90814	59.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	118.10%	
50) Toluene-d8	10.08	98	405791	52.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.26%	
62) 4-Bromofluorobenzene	12.40	95	151479	51.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.68%	
Target Compounds						
16) Acetone	3.79	43	7218	8.513	ug/l	94
20) Methylene Chloride	4.53	84	2647	1.137	ug/l	97
43) Isopropyl Acetate	8.14	43	73862	14.111	ug/l #	90

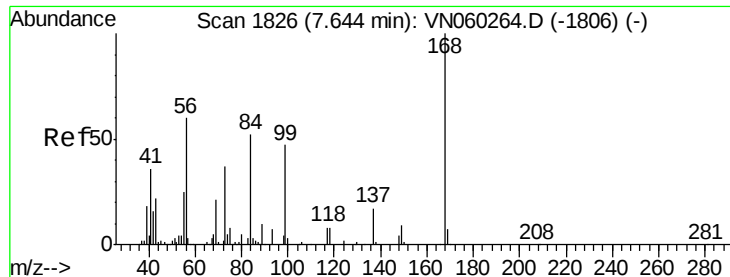
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Feb 27 13:52:50 2020
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VN060305.D

Acq: 2 Mar 2020 12:48

Instrument :

MSVOA_N

ClientSampled :

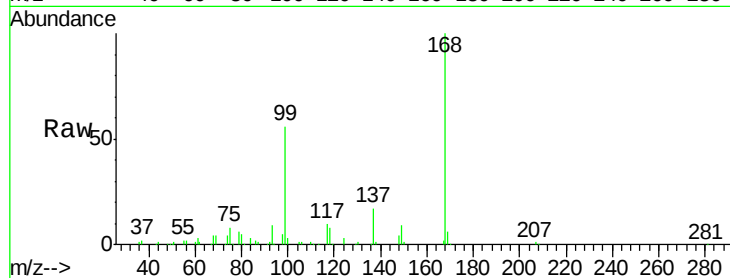
PB127166TB

Tot Ion:168 Resp: 204644

Ion Ratio Lower Upper

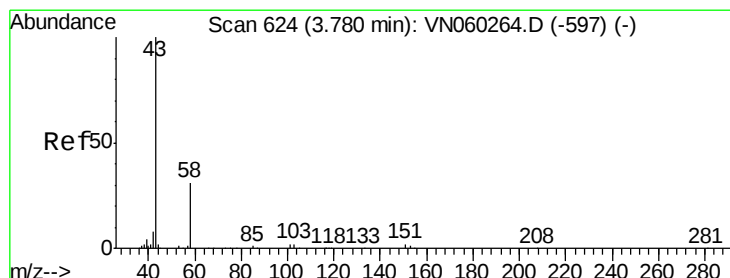
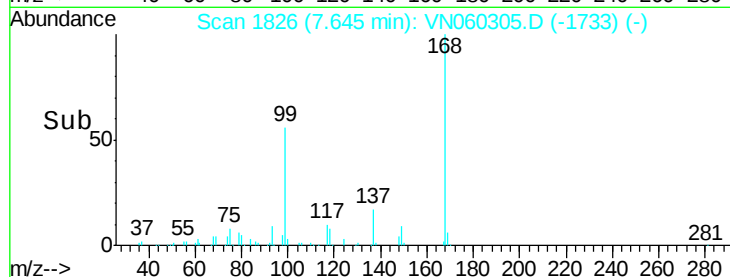
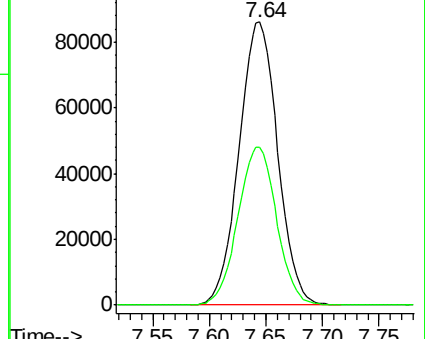
168 100

99 55.8 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: 8.513 ug/l

RT: 3.79 min Scan# 627

Delta R.T. 0.01 min

Lab File: VN060305.D

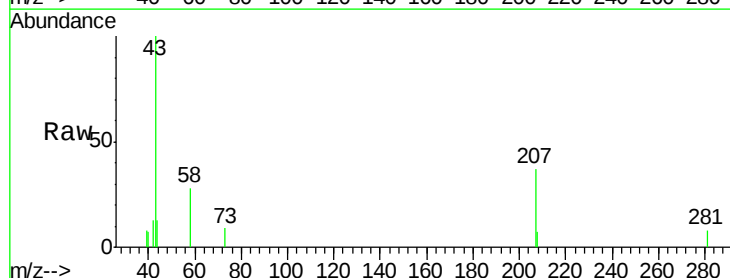
Acq: 2 Mar 2020 12:48

Tgt Ion: 43 Resp: 7218

Ion Ratio Lower Upper

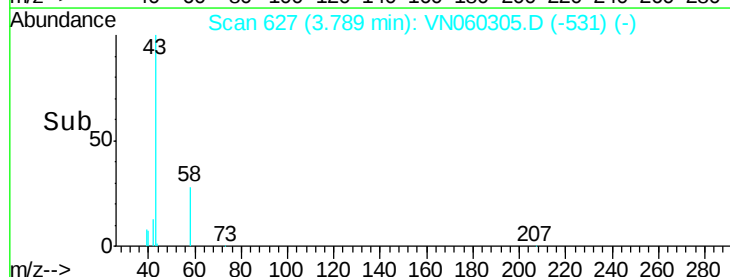
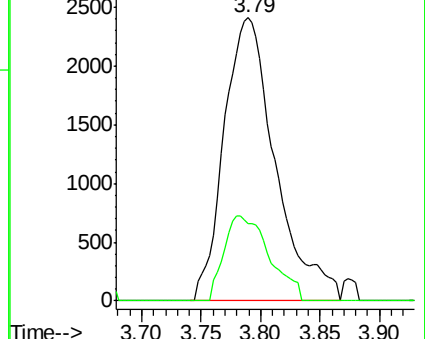
43 100

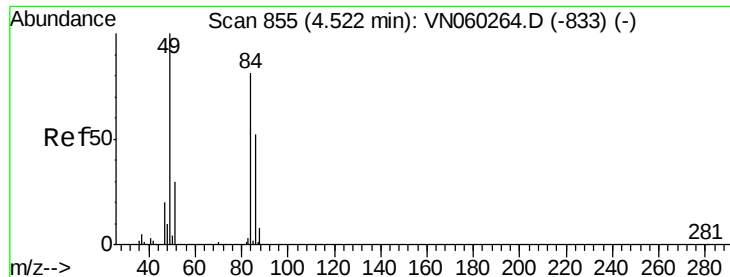
58 27.5 24.6 36.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

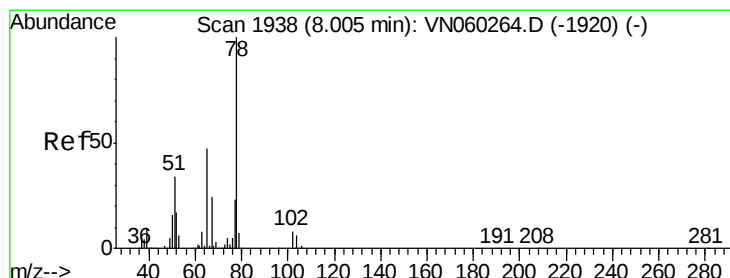
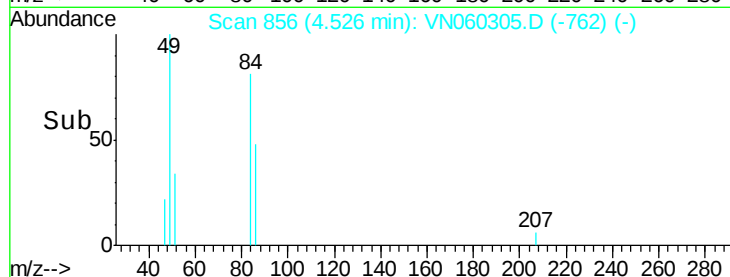
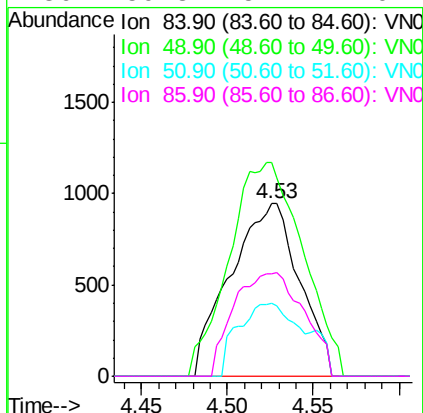
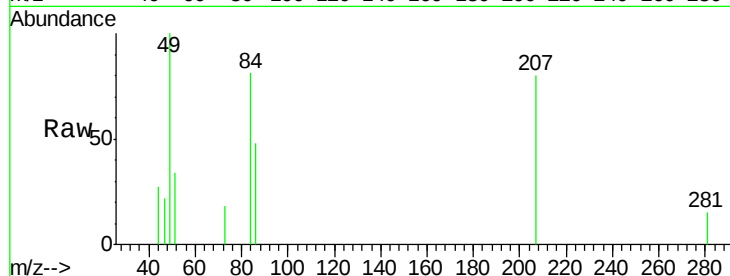




#20
Methylene Chloride
Concen: 1.137 ug/l
RT: 4.53 min Scan# 856
Delta R.T. 0.00 min
Lab File: VN060305.D
Acq: 2 Mar 2020 12:48

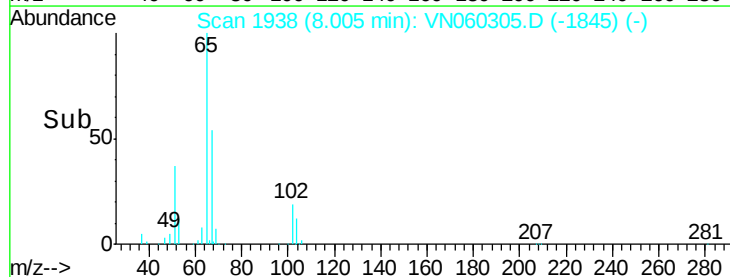
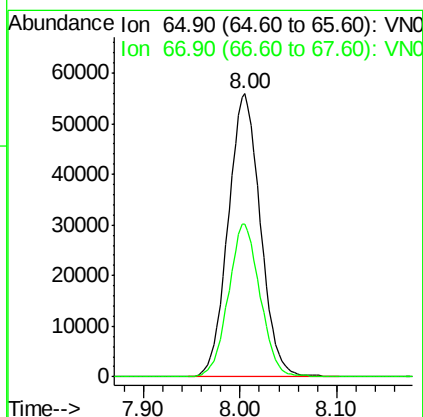
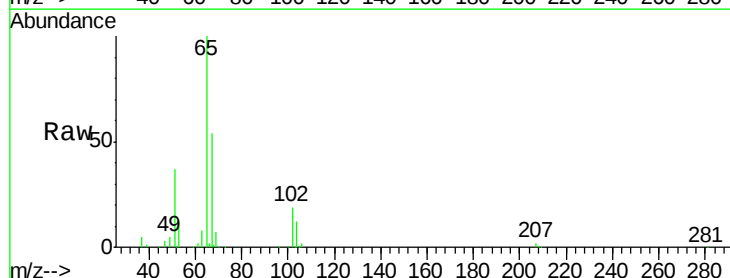
Instrument :
MSVOA_N
ClientSampled :
PB127166TB

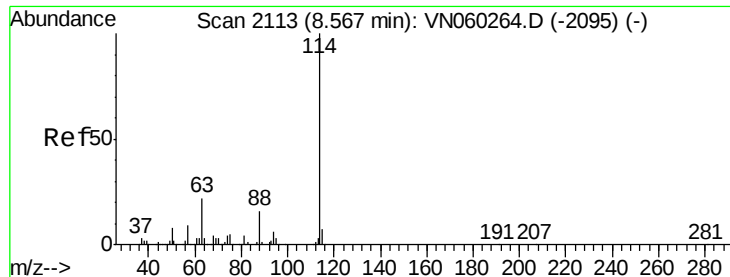
Tot Ion: 84 Resp: 2647
Ion Ratio Lower Upper
84 100
49 123.7 99.3 148.9
51 42.2 30.1 45.1
86 59.3 51.1 76.7



#33
1,2-Dichloroethane-d4
Concen: 49.237 ug/l
RT: 8.00 min Scan# 1938
Delta R.T. 0.00 min
Lab File: VN060305.D
Acq: 2 Mar 2020 12:48

Tgt Ion: 65 Resp: 129278
Ion Ratio Lower Upper
65 100
67 53.1 0.0 103.8

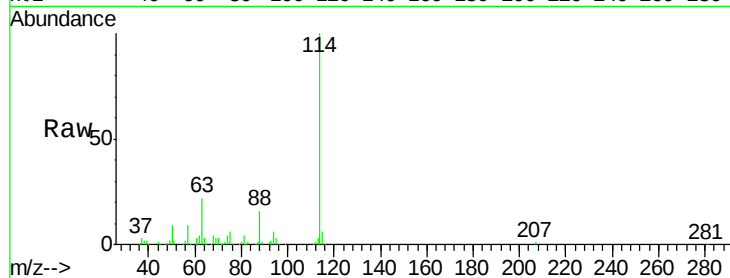




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VN060305.D
 Acq: 2 Mar 2020 12:48

Instrument :
 MSVOA_N
 ClientSampleId :
 PB127166TB

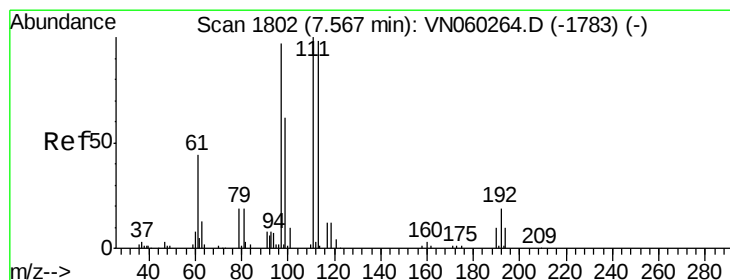
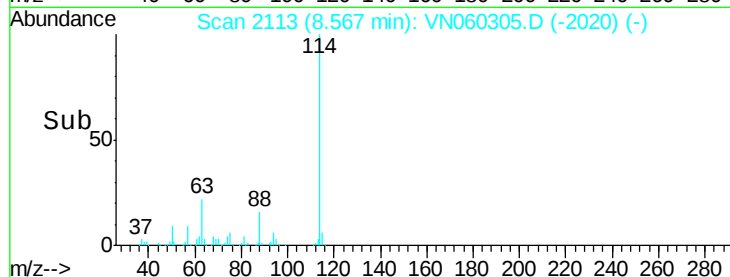
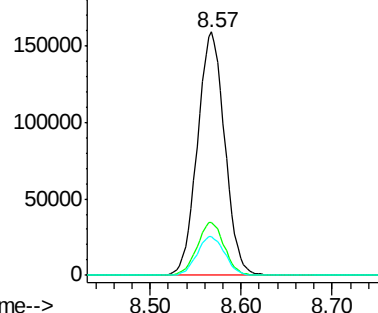
Tot Ion	Ratio	Lower	Upper
114	100		
63	21.8	0.0	43.2
88	15.9	0.0	31.6



Abundance Ion 113.90 (113.60 to 114.60): V

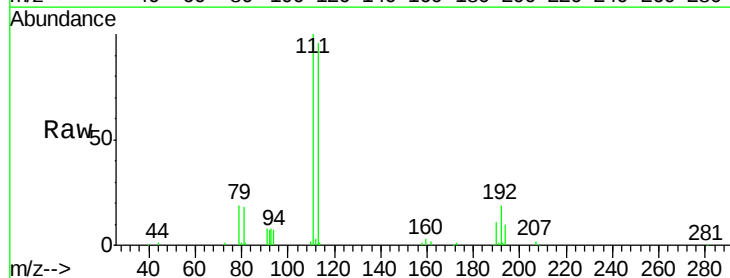
Ion 63.00 (62.70 to 63.70): V

Ion 87.90 (87.60 to 88.60): V



#35
 Dibromofluoromethane
 Concen: 59.050 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: VN060305.D
 Acq: 2 Mar 2020 12:48

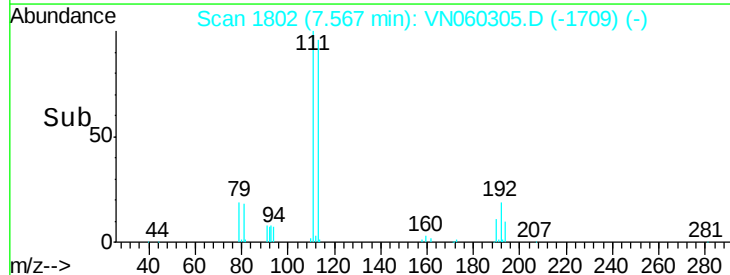
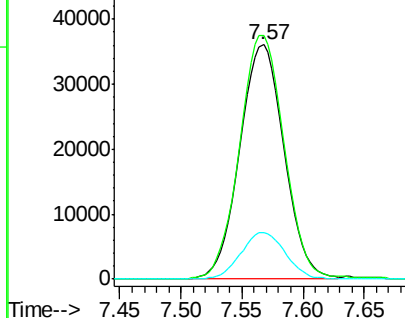
Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.6	82.4	123.6
192	19.9	16.2	24.2

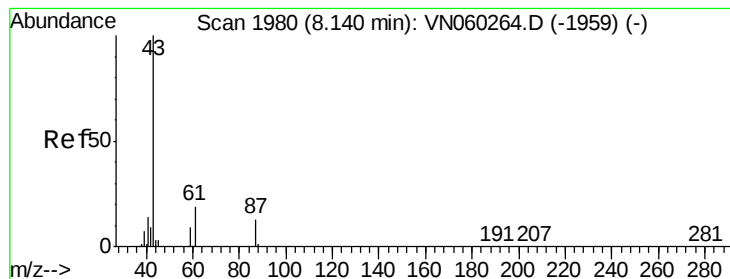


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 14.111 ug/l

RT: 8.14 min Scan# 1980

Delta R.T. 0.00 min

Lab File: VN060305.D

Acq: 2 Mar 2020 12:48

Instrument :

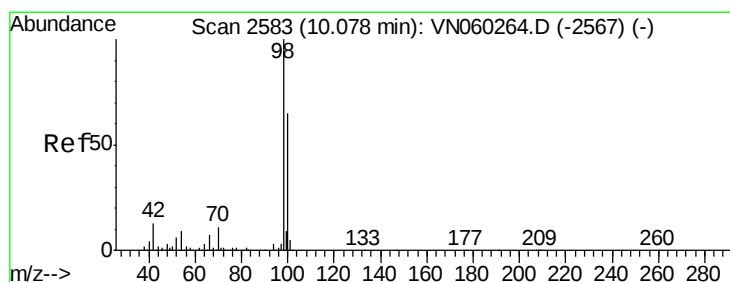
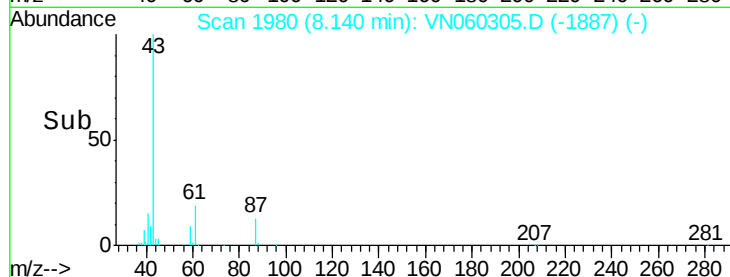
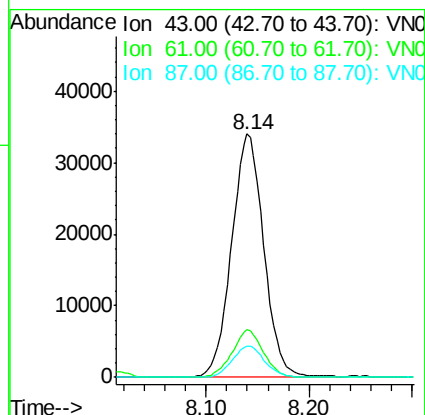
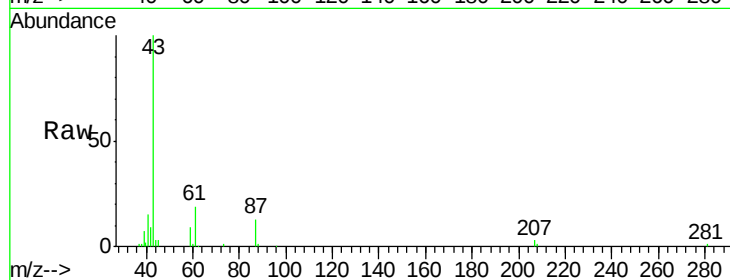
MSVOA_N

ClientSampleId :

PB127166TB

Tot Ion: 43 Resp: 73862

Ion	Ratio	Lower	Upper
43	100		
61	18.7	20.9	31.3#
87	12.7	10.6	16.0



#50

Toluene-d8

Concen: 52.134 ug/l

RT: 10.08 min Scan# 2583

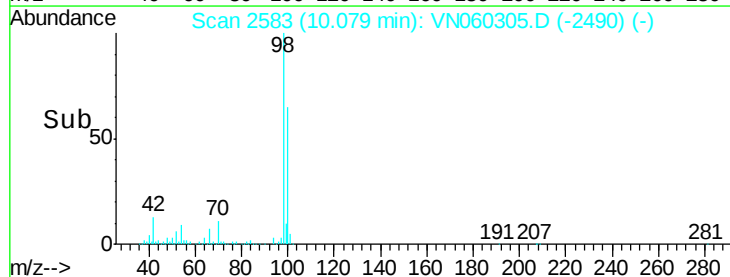
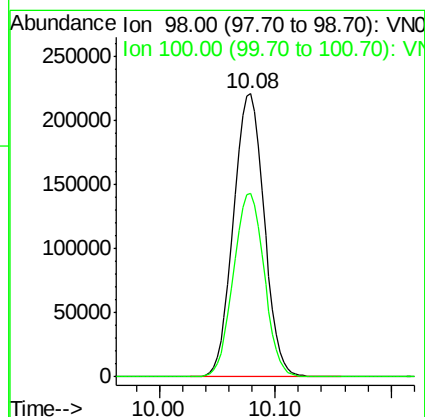
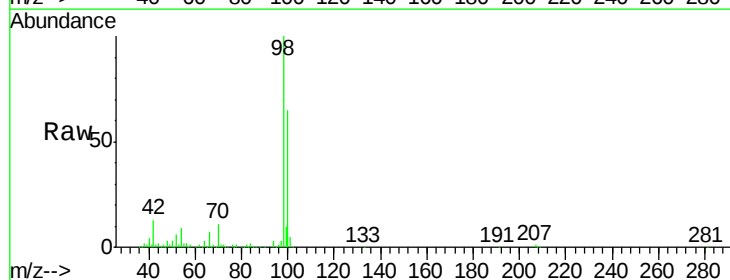
Delta R.T. 0.00 min

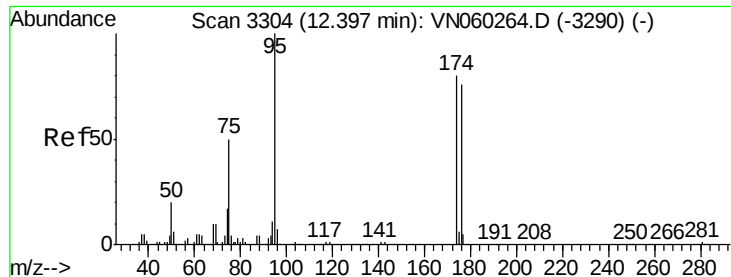
Lab File: VN060305.D

Acq: 2 Mar 2020 12:48

Tgt Ion: 98 Resp: 405791

Ion	Ratio	Lower	Upper
98	100		
100	64.9	52.2	78.2





#62

4-Bromofluorobenzene

Concen: 51.339 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN060305.D

Acq: 2 Mar 2020 12:48

Instrument :

MSVOA_N

ClientSampleId :

PB127166TB

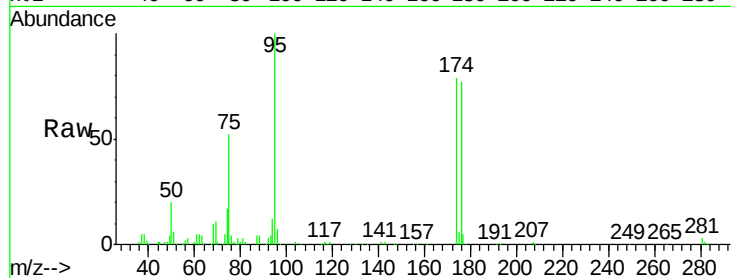
Tot Ion: 95 Resp: 151479

Ion Ratio Lower Upper

95 100

174 78.9 0.0 159.2

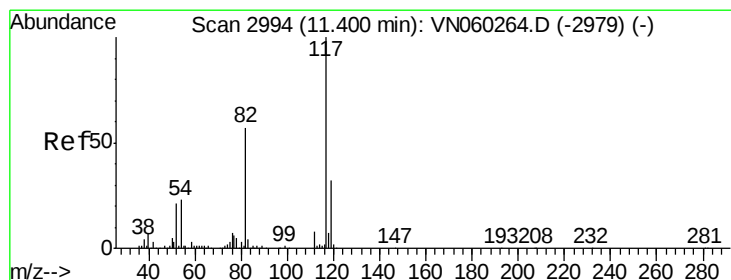
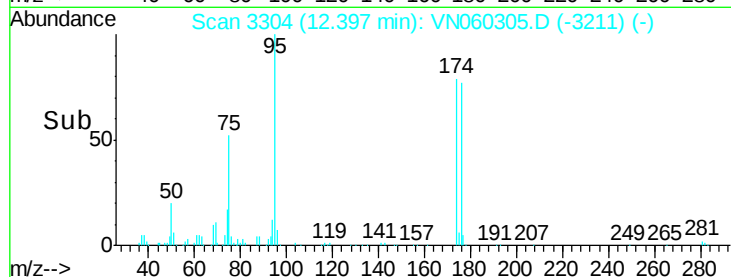
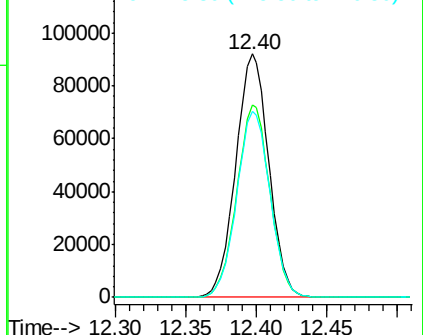
176 77.1 0.0 153.8



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN0

Ion 175.80 (175.50 to 176.50): VN0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. 0.00 min

Lab File: VN060305.D

Acq: 2 Mar 2020 12:48

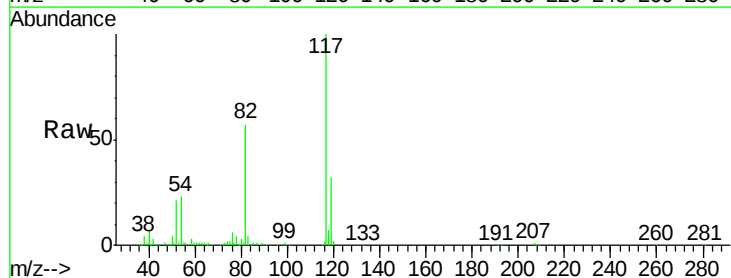
Tgt Ion: 117 Resp: 308313

Ion Ratio Lower Upper

117 100

82 57.2 45.8 68.6

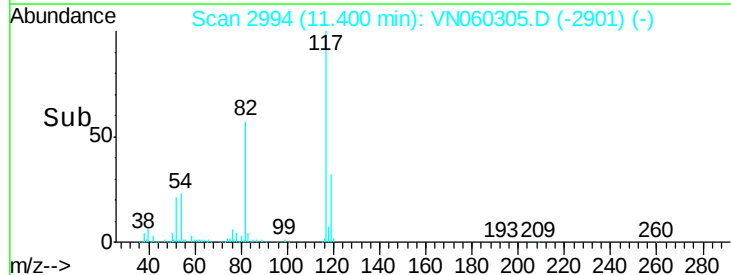
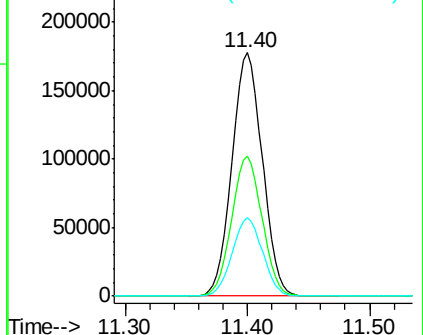
119 32.1 25.8 38.8

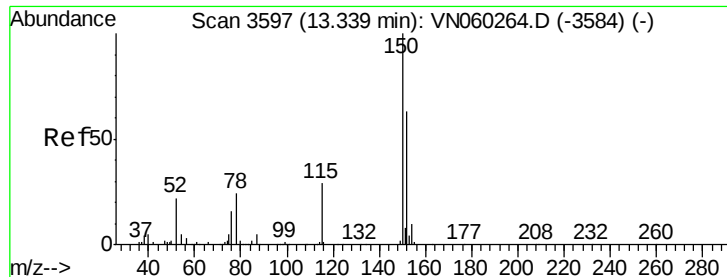


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. 0.00 min

Lab File: VN060305.D

Acq: 2 Mar 2020 12:48

Instrument :

MSVOA_N

ClientSampleId :

PB127166TB

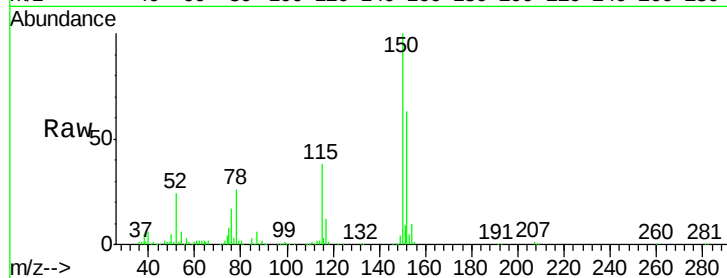
Tot Ion:152 Resp: 144951

Ion Ratio Lower Upper

152 100

115 59.5 30.0 90.0

150 156.9 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

