

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031320\
 Data File : VN060501.D
 Acq On : 13 Mar 2020 14:41
 Operator : JC/MD
 Sample : PB127506ZHE#02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB127506ZHE#02

Quant Time: Mar 16 08:48:26 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

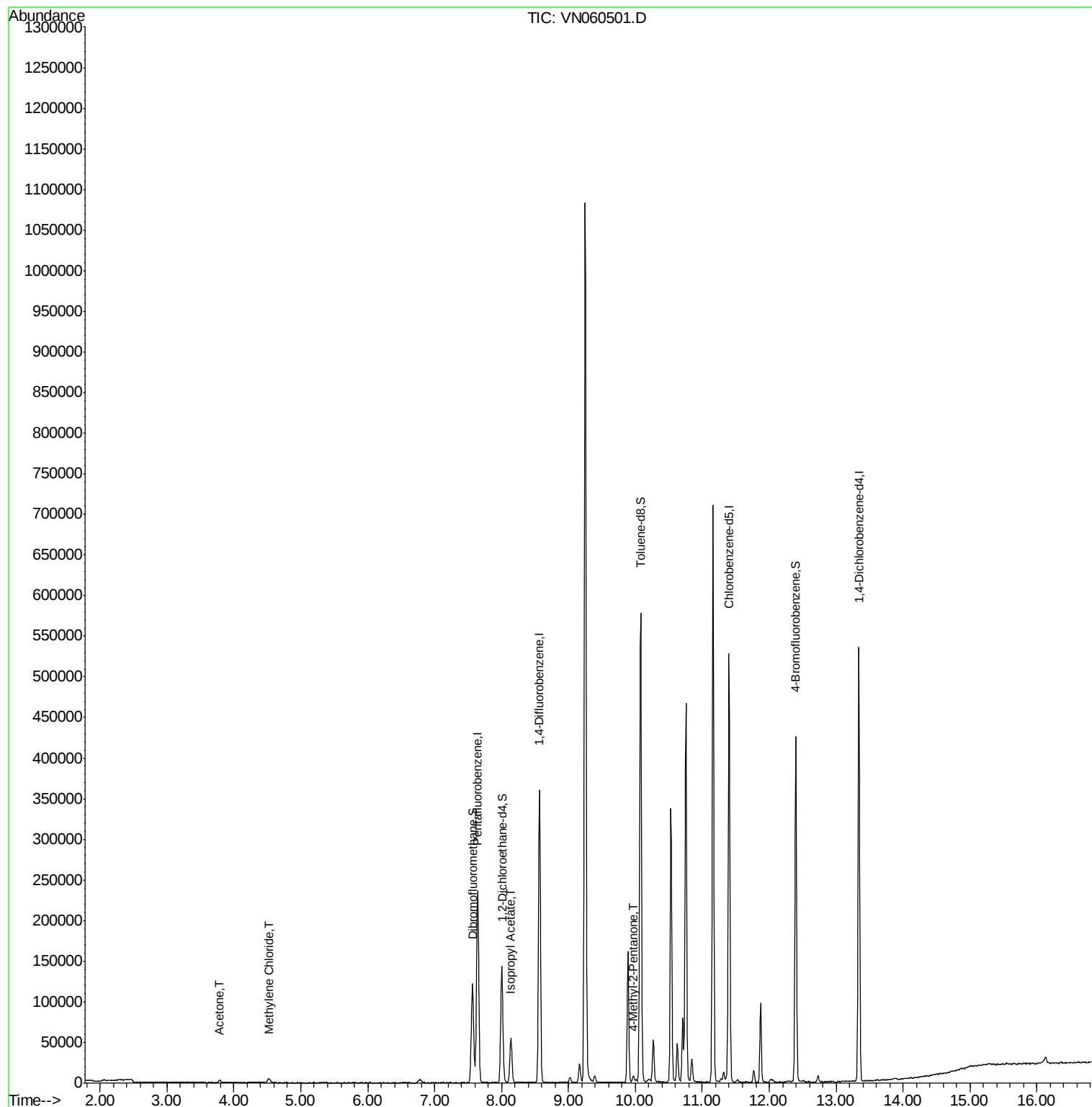
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	192487	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	315778	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	298425	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	139450	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	125185	50.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.38%	
35) Dibromofluoromethane	7.56	113	94229	64.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	128.58%	
50) Toluene-d8	10.08	98	391572	52.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.56%	
62) 4-Bromofluorobenzene	12.40	95	148173	52.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.38%	
Target Compounds						
16) Acetone	3.79	43	6140	7.699	ug/l	99
20) Methylene Chloride	4.52	84	4008	1.830	ug/l	92
43) Isopropyl Acetate	8.14	43	66582	13.346	ug/l #	89
51) 4-Methyl-2-Pentanone	9.97	43	4949	1.750	ug/l	94

(#) = 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: VN060501.D

Acq: 13 Mar 2020 14:41

Instrument :

MSVOA_N

ClientSampleId :

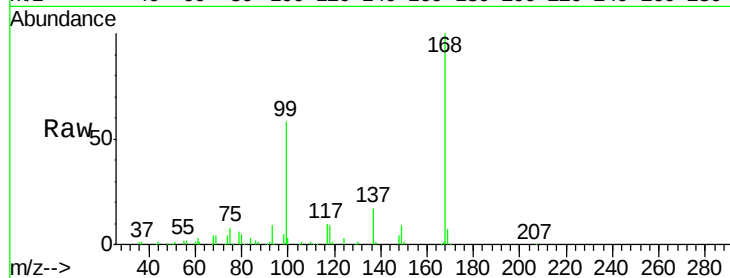
PB127506ZHE#02

Tot Ion:168 Resp: 192487

Ion Ratio Lower Upper

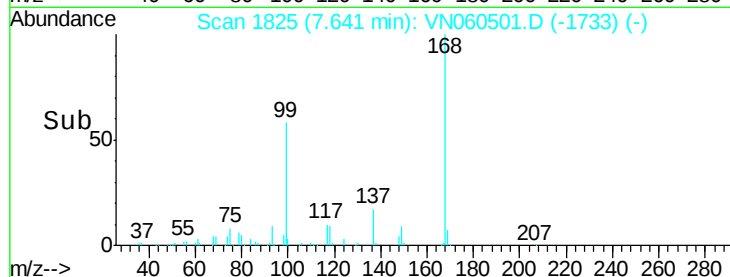
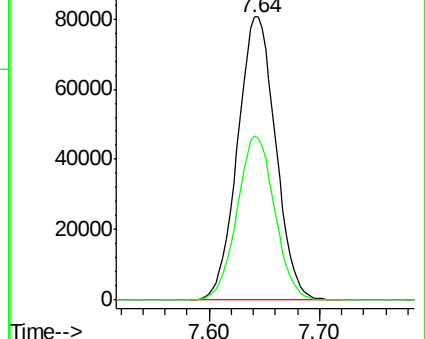
168 100

99 57.9 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: 7.699 ug/l

RT: 3.79 min Scan# 627

Delta R.T. 0.01 min

Lab File: VN060501.D

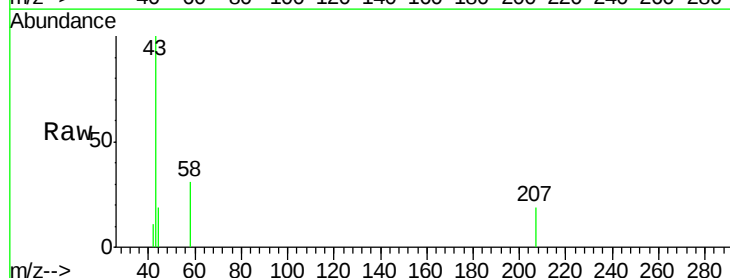
Acq: 13 Mar 2020 14:41

Tgt Ion: 43 Resp: 6140

Ion Ratio Lower Upper

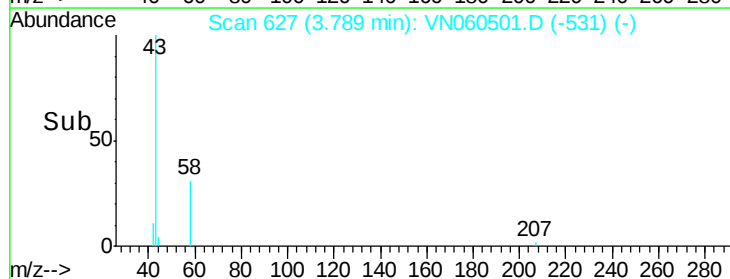
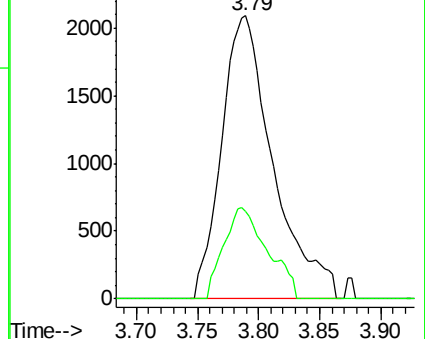
43 100

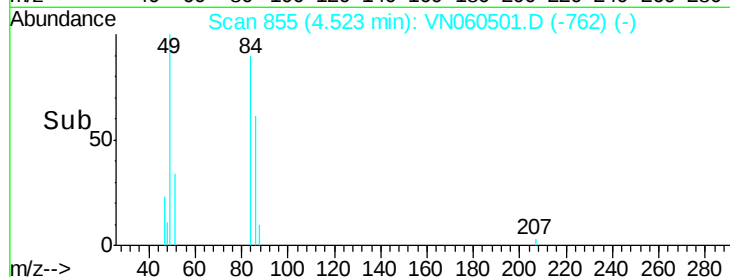
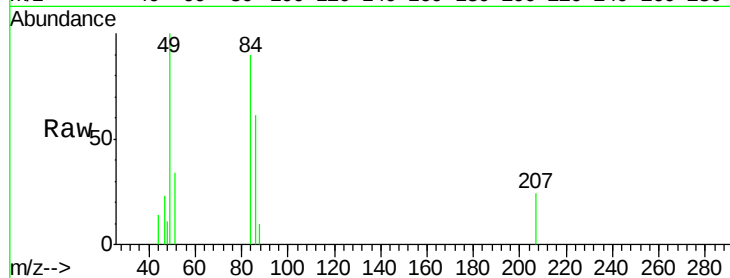
58 31.1 24.6 36.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

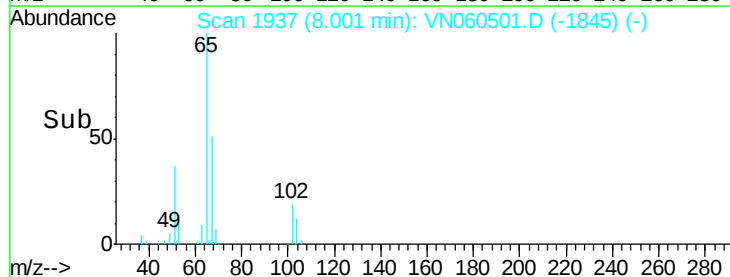
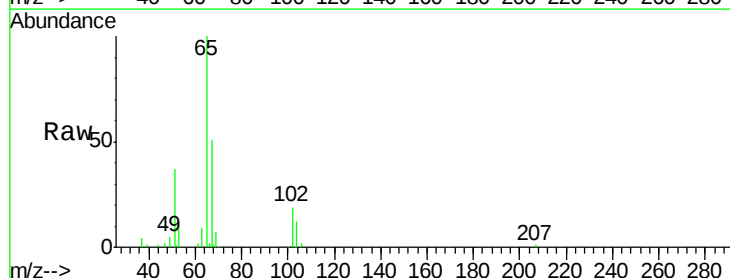
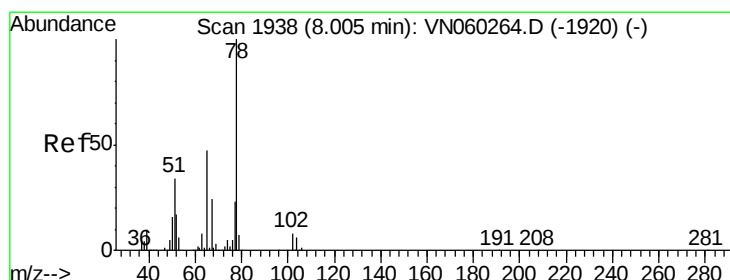
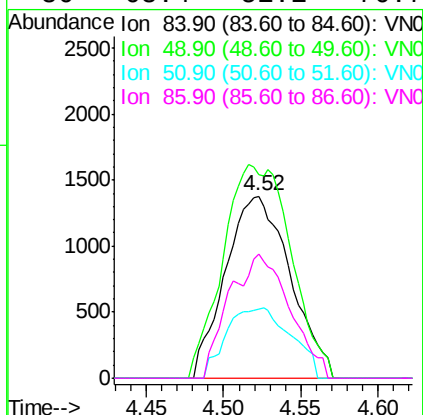




#20
Methvlene Chloride
Concen: 1.830 ug/l
RT: 4.52 min Scan# 855
Delta R.T. 0.00 min
Lab File: VN060501.D
Acq: 13 Mar 2020 14:41

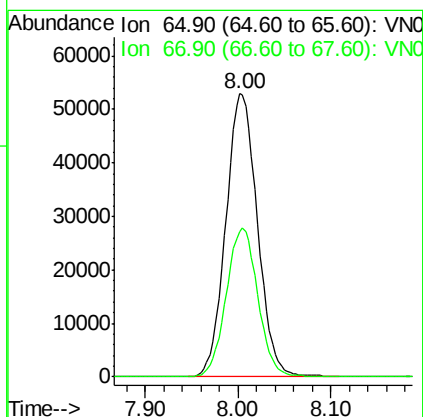
Instrument :
MSVOA_N
ClientSampleId :
PB127506ZHE#02

Tot Ion:	84	Resp:	4008
Ion	Ratio	Lower	Upper
84	100		
49	111.5	99.3	148.9
51	38.2	30.1	45.1
86	68.4	51.1	76.7



#33
1,2-Dichloroethane-d4
Concen: 50.690 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN060501.D
Acq: 13 Mar 2020 14:41

Tgt Ion:	65	Resp:	125185
Ion	Ratio	Lower	Upper
65	100		
67	52.4	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: VN060501.D

Acq: 13 Mar 2020 14:41

Instrument :

MSVOA_N

ClientSampleId :

PB127506ZHE#02

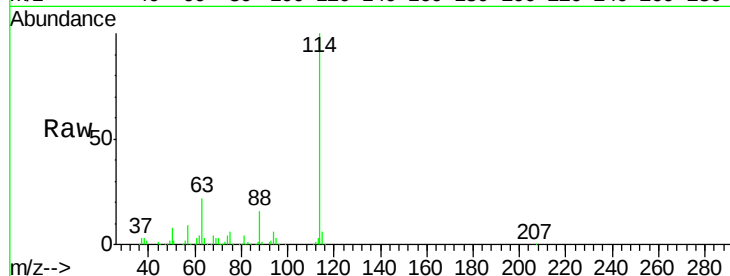
Tot Ion:114 Resp: 315778

Ion Ratio Lower Upper

114 100

63 22.0 0.0 43.2

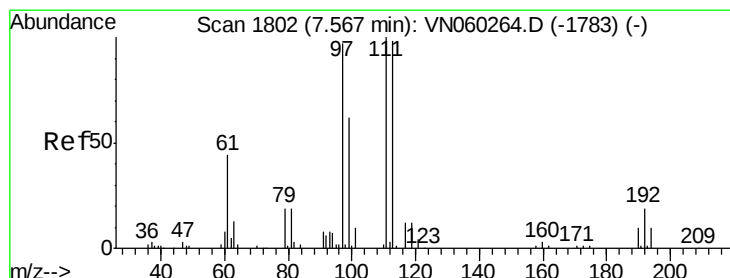
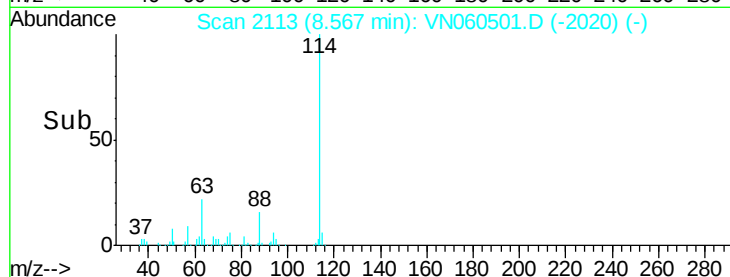
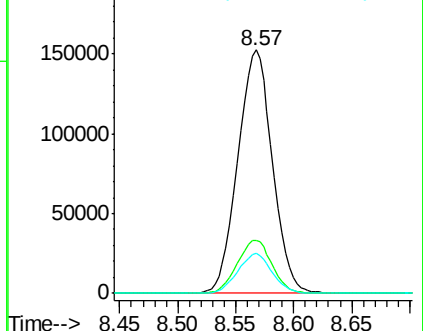
88 16.2 0.0 31.6



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: 64.288 ug/l

RT: 7.56 min Scan# 1801

Delta R.T. -0.00 min

Lab File: VN060501.D

Acq: 13 Mar 2020 14:41

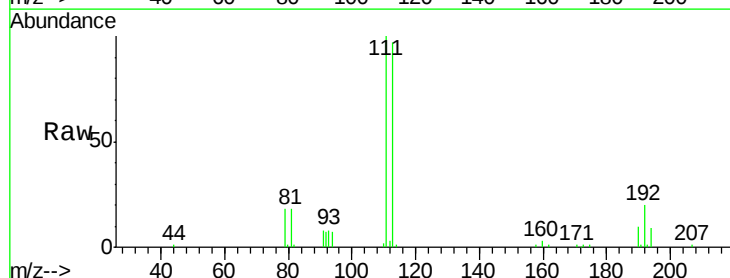
Tgt Ion:113 Resp: 94229

Ion Ratio Lower Upper

113 100

111 102.2 82.4 123.6

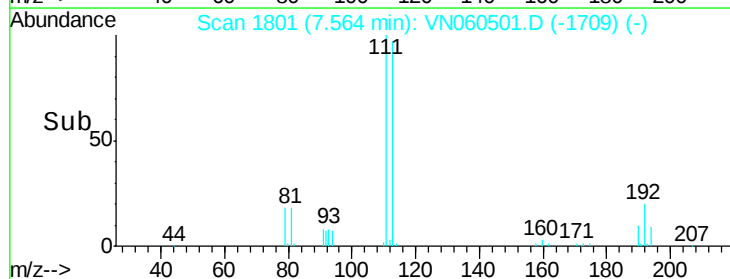
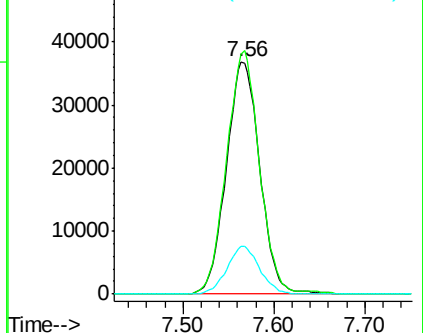
192 19.8 16.2 24.2



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: 13.346 ug/l

RT: 8.14 min Scan# 1980

Delta R.T. 0.00 min

Lab File: VN060501.D

Acq: 13 Mar 2020 14:41

Instrument :

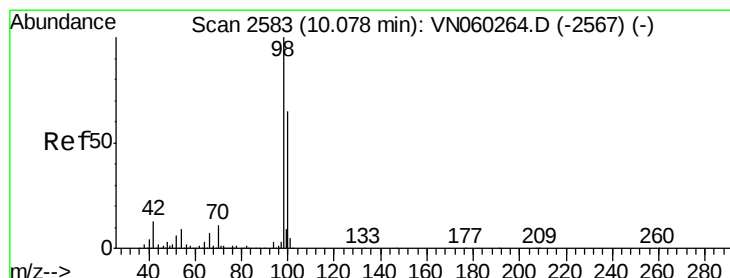
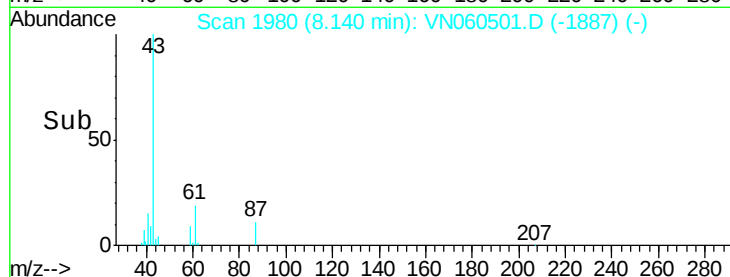
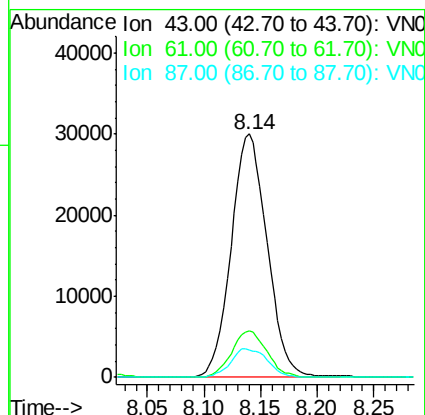
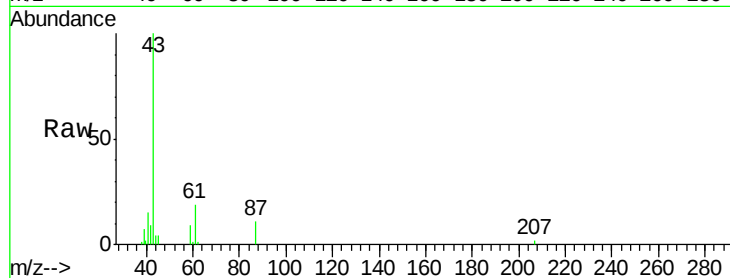
MSVOA_N

ClientSampleId :

PB127506ZHE#02

Tot Ion: 43 Resp: 66582

Ion	Ratio	Lower	Upper
43	100		
61	18.6	20.9	31.3#
87	11.8	10.6	16.0



#50

Toluene-d8

Concen: 52.785 ug/l

RT: 10.08 min Scan# 2583

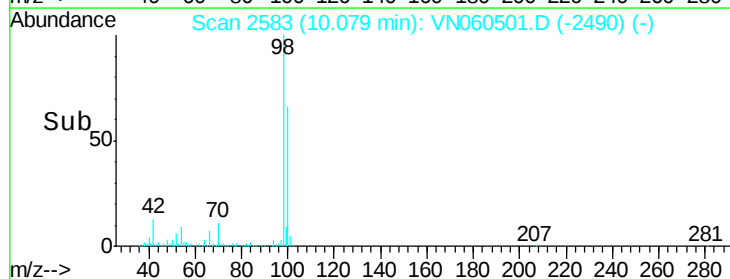
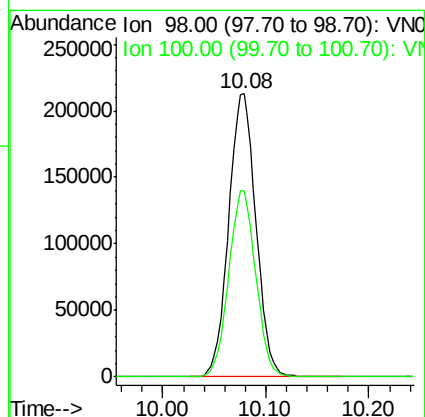
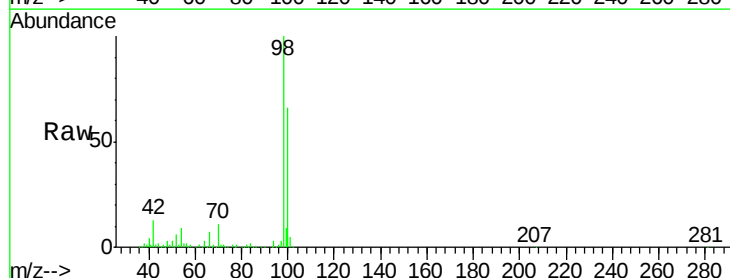
Delta R.T. 0.00 min

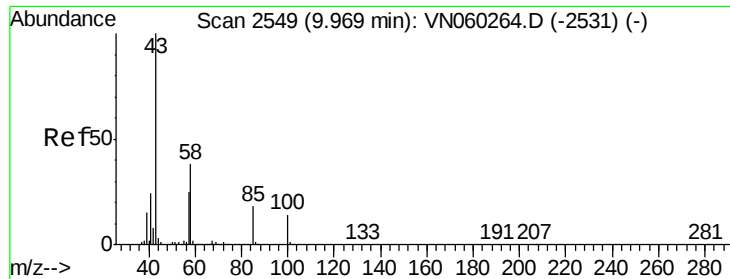
Lab File: VN060501.D

Acq: 13 Mar 2020 14:41

Tgt Ion: 98 Resp: 391572

Ion	Ratio	Lower	Upper
98	100		
100	65.4	52.2	78.2





#51

4-Methyl-2-Pentanone

Concen: 1.750 ug/l

RT: 9.97 min Scan# 2549

Delta R.T. 0.00 min

Lab File: VN060501.D

Acq: 13 Mar 2020 14:41

Instrument :

MSVOA_N

ClientSampleId :

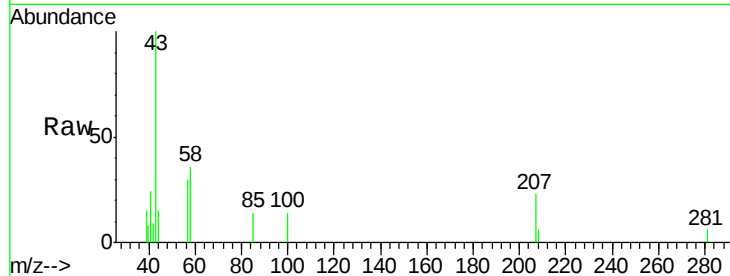
PB127506ZHE#02

Tot Ion: 43 Resp: 4949

Ion Ratio Lower Upper

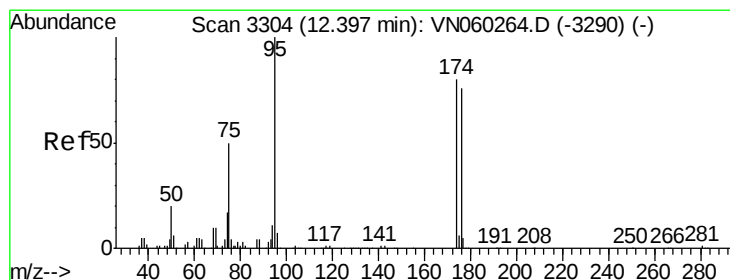
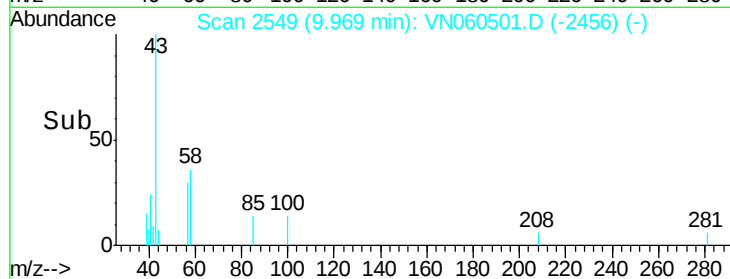
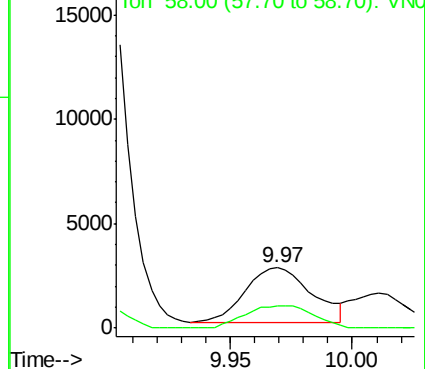
43 100

58 42.2 30.9 46.3



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#62

4-Bromofluorobenzene

Concen: 52.691 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN060501.D

Acq: 13 Mar 2020 14:41

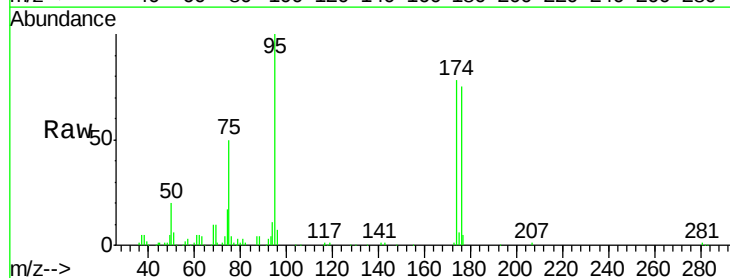
Tgt Ion: 95 Resp: 148173

Ion Ratio Lower Upper

95 100

174 77.9 0.0 159.2

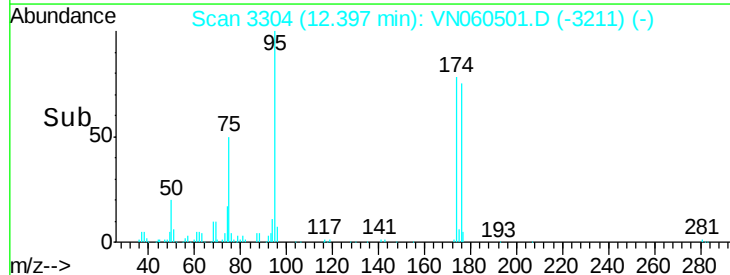
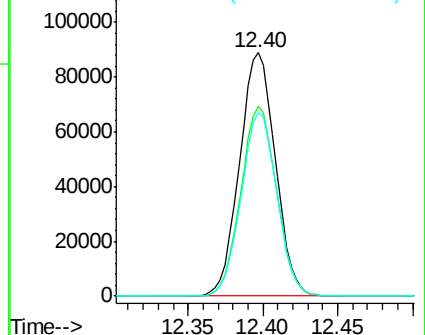
176 75.7 0.0 153.8

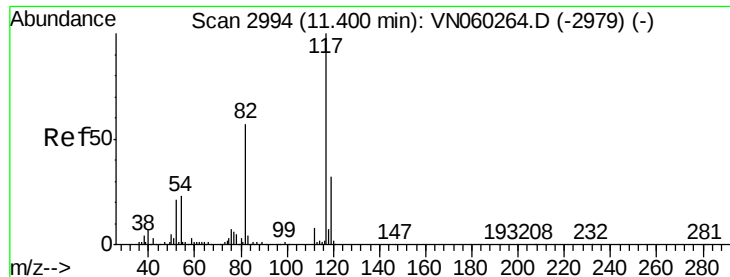


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. 0.00 min

Lab File: VN060501.D

Acq: 13 Mar 2020 14:41

Instrument :

MSVOA_N

ClientSampleId :

PB127506ZHE#02

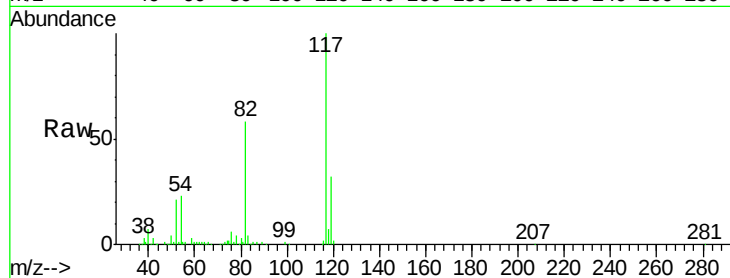
Tot Ion:117 Resp: 298425

Ion Ratio Lower Upper

117 100

82 58.2 45.8 68.6

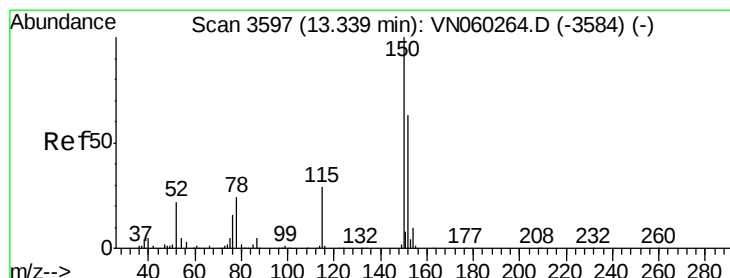
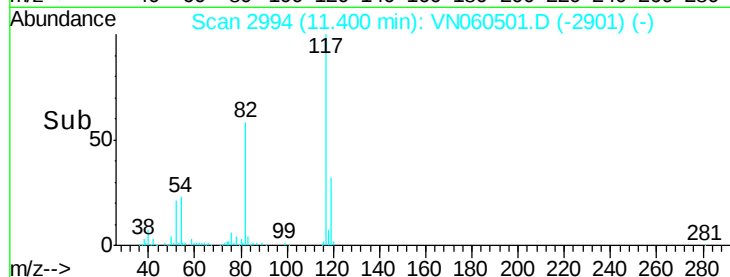
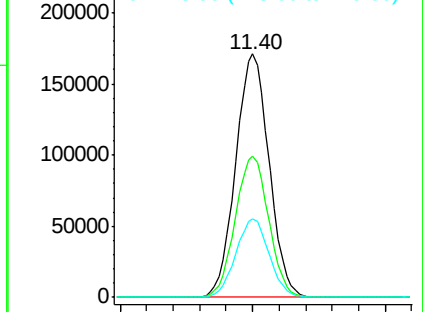
119 32.4 25.8 38.8



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: VN060501.D

Acq: 13 Mar 2020 14:41

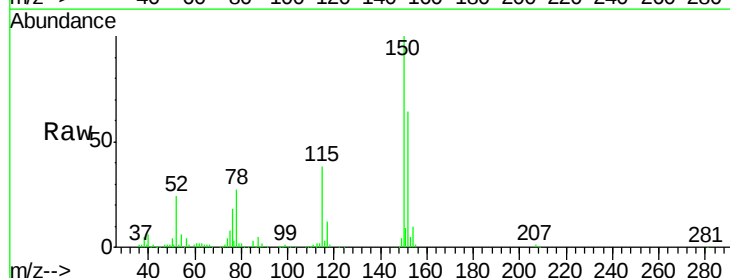
Tgt Ion:152 Resp: 139450

Ion Ratio Lower Upper

152 100

115 60.0 30.0 90.0

150 156.4 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

