

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031320\
 Data File : VN060502.D
 Acq On : 13 Mar 2020 15:04
 Operator : JC/MD
 Sample : PB127506ZHE#03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB127506ZHE#03

Quant Time: Mar 16 08:55:32 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

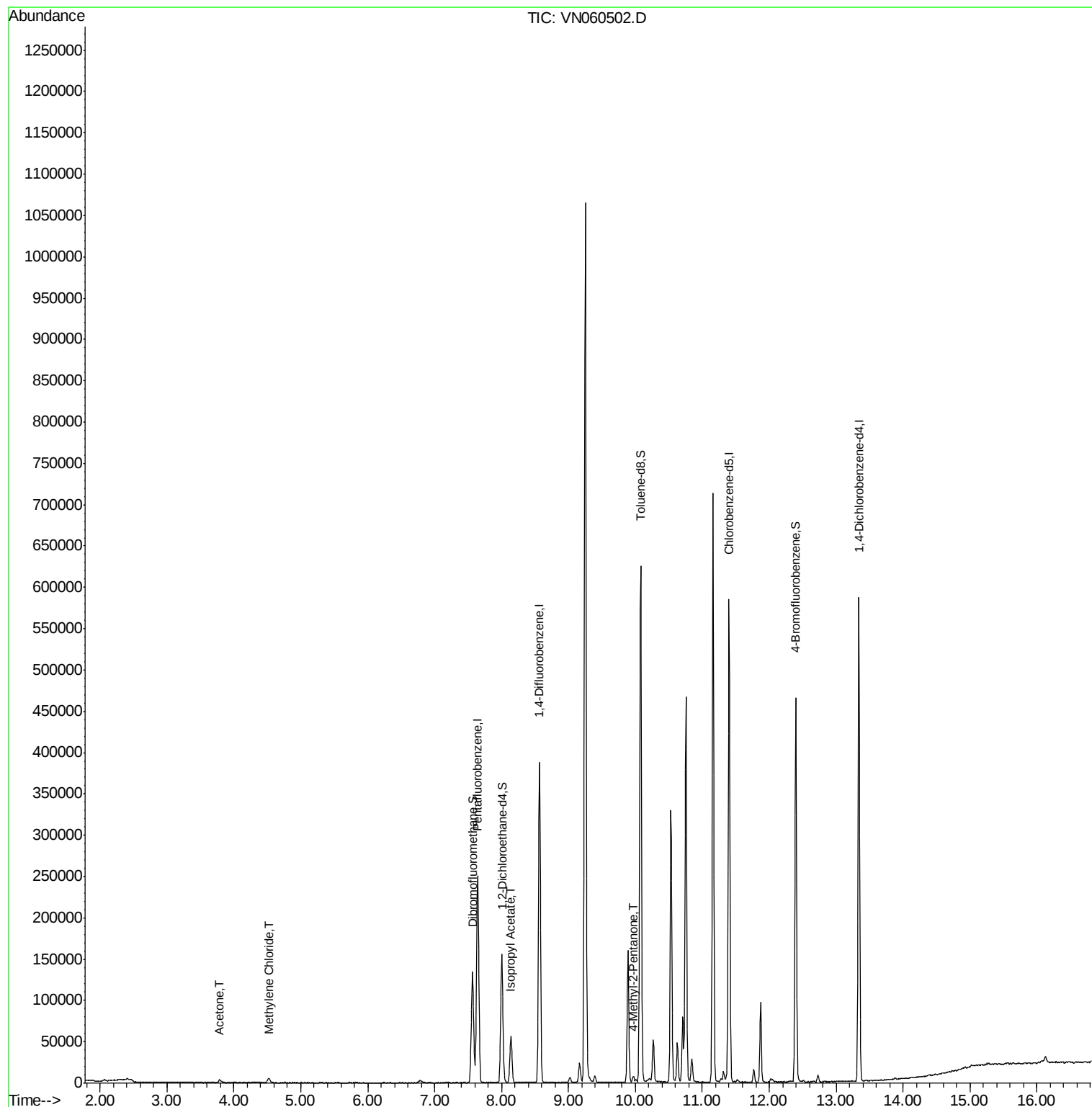
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	206014	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	344187	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	325224	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	153024	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	133968	50.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.36%	
35) Dibromofluoromethane	7.57	113	102265	64.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	128.02%	
50) Toluene-d8	10.08	98	424155	52.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.92%	
62) 4-Bromofluorobenzene	12.40	95	162583	53.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.08%	
Target Compounds						
16) Acetone	3.79	43	6260	7.334	ug/l	95
20) Methylene Chloride	4.52	84	4033	1.720	ug/l #	95
43) Isopropyl Acetate	8.14	43	67448	12.404	ug/l #	90
51) 4-Methyl-2-Pentanone	9.97	43	5183	1.681	ug/l	94

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

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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: VN060502.D

Acq: 13 Mar 2020 15:04

Instrument :

MSVOA_N

ClientSampleId :

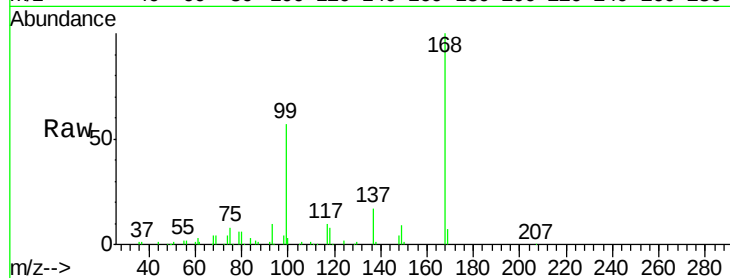
PB127506ZHE#03

Tot Ion:168 Resp: 206014

Ion Ratio Lower Upper

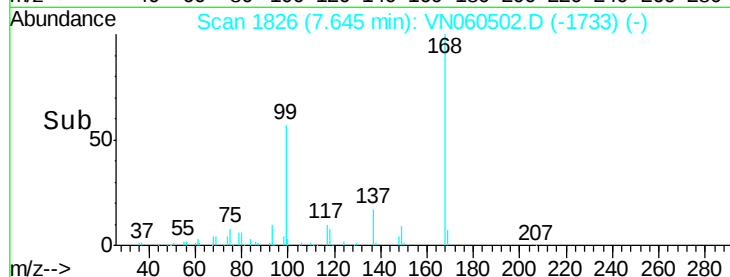
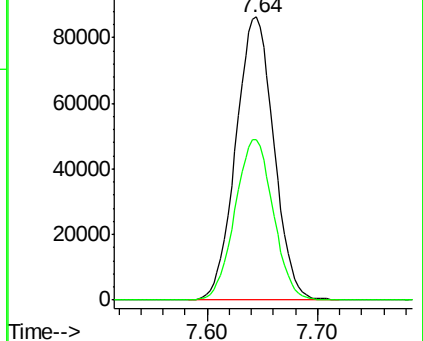
168 100

99 56.8 44.7 67.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#16

Acetone

Concen: 7.334 ug/l

RT: 3.79 min Scan# 626

Delta R.T. 0.01 min

Lab File: VN060502.D

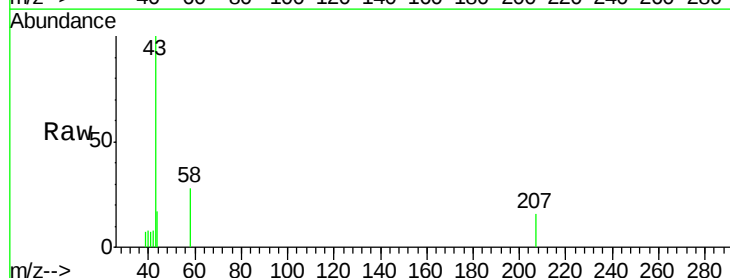
Acq: 13 Mar 2020 15:04

Tgt Ion: 43 Resp: 6260

Ion Ratio Lower Upper

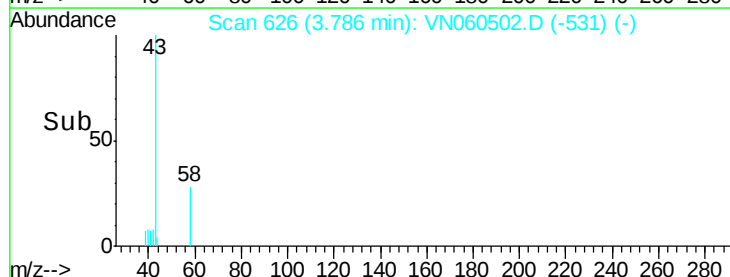
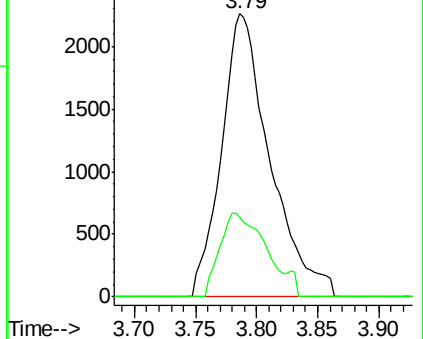
43 100

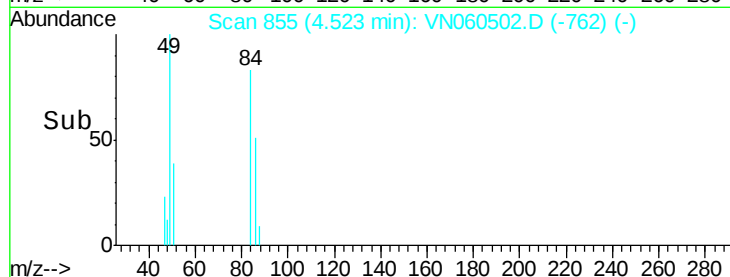
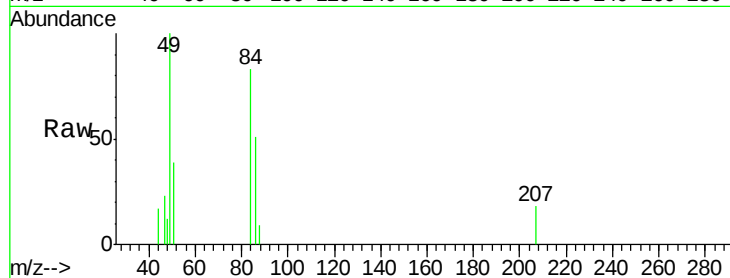
58 28.0 24.6 36.8



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

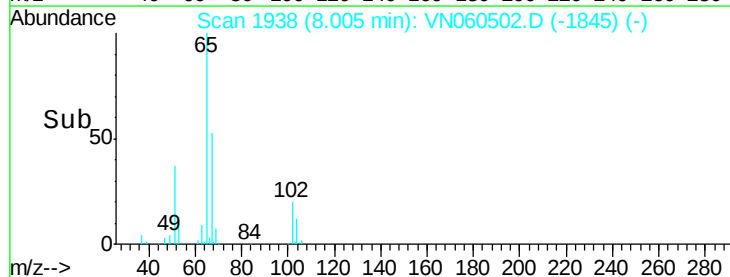
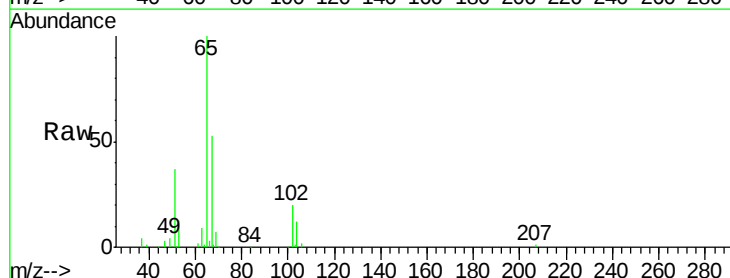
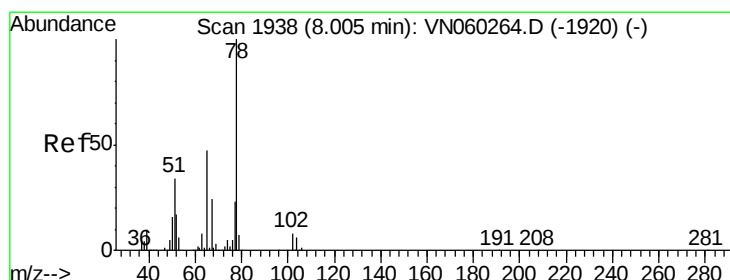
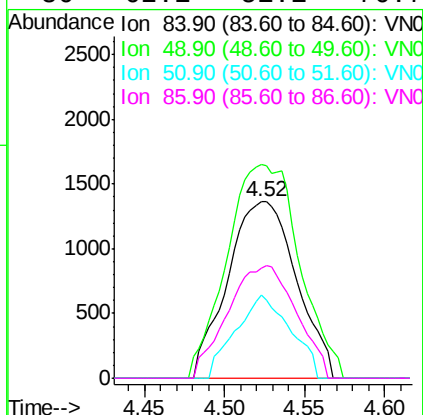




#20
Methvlene Chloride
Concen: 1.720 ug/l
RT: 4.52 min Scan# 855
Delta R.T. 0.00 min
Lab File: VN060502.D
Acq: 13 Mar 2020 15:04

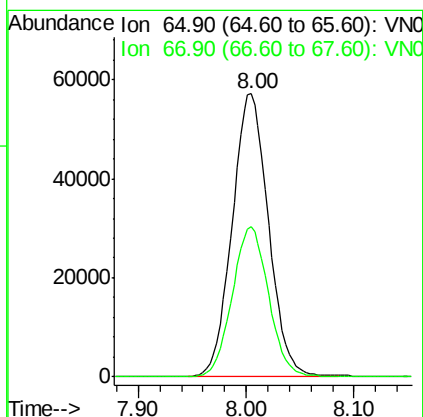
Instrument :
MSVOA_N
ClientSampleId :
PB127506ZHE#03

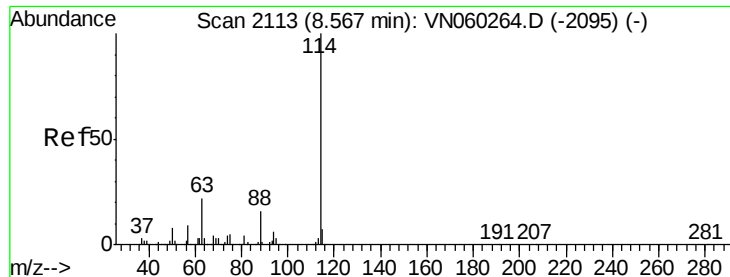
Tot Ion: 84 Resp: 4033
Ion Ratio Lower Upper
84 100
49 121.1 99.3 148.9
51 47.0 30.1 45.1#
86 62.1 51.1 76.7



#33
1,2-Dichloroethane-d4
Concen: 50.684 ug/l
RT: 8.00 min Scan# 1938
Delta R.T. 0.00 min
Lab File: VN060502.D
Acq: 13 Mar 2020 15:04

Tgt Ion: 65 Resp: 133968
Ion Ratio Lower Upper
65 100
67 52.9 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: VN060502.D

Acq: 13 Mar 2020 15:04

Instrument :

MSVOA_N

ClientSampleId :

PB127506ZHE#03

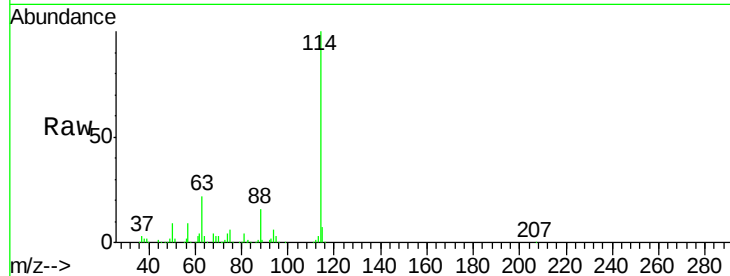
Tot Ion:114 Resp: 344187

Ion Ratio Lower Upper

114 100

63 22.3 0.0 43.2

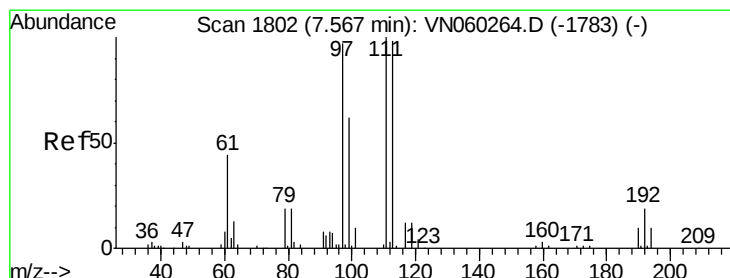
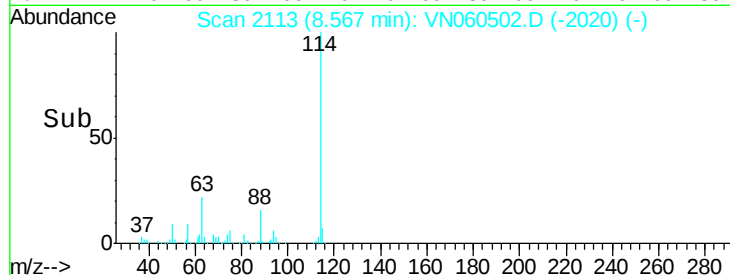
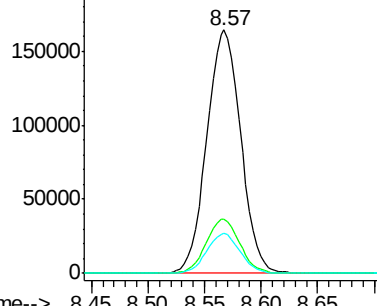
88 16.3 0.0 31.6



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: 64.011 ug/l

RT: 7.57 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VN060502.D

Acq: 13 Mar 2020 15:04

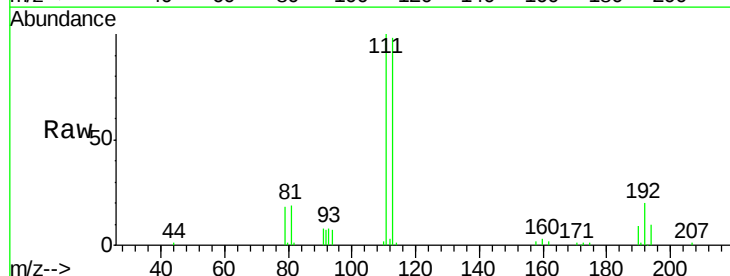
Tgt Ion:113 Resp: 102265

Ion Ratio Lower Upper

113 100

111 101.9 82.4 123.6

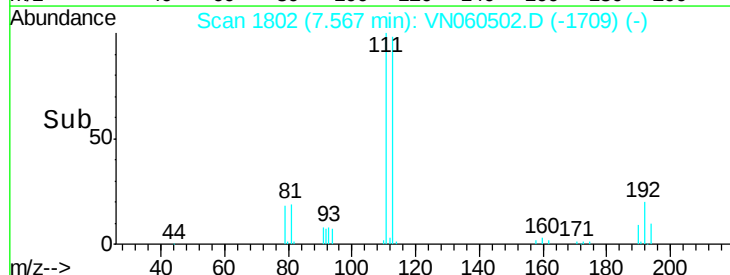
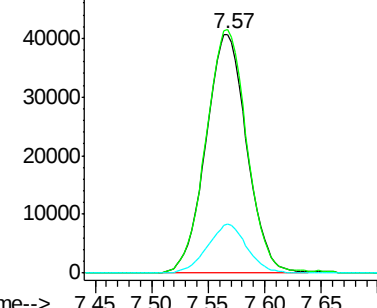
192 19.8 16.2 24.2



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



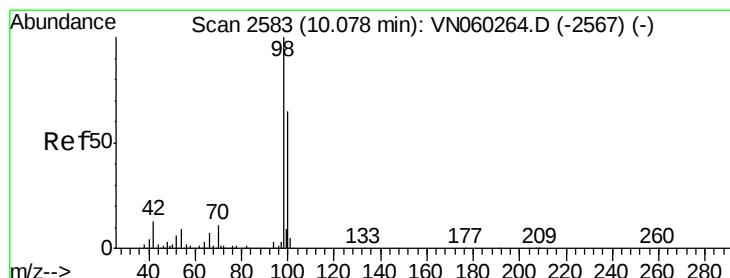
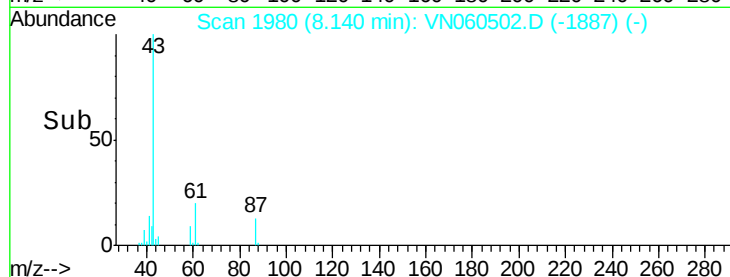
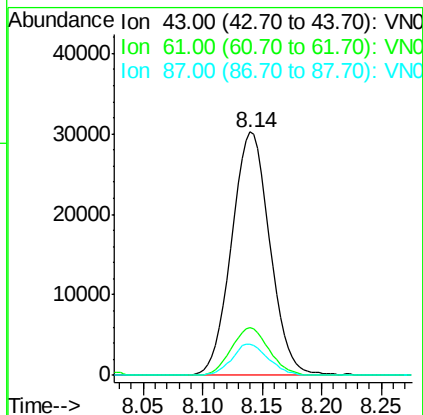
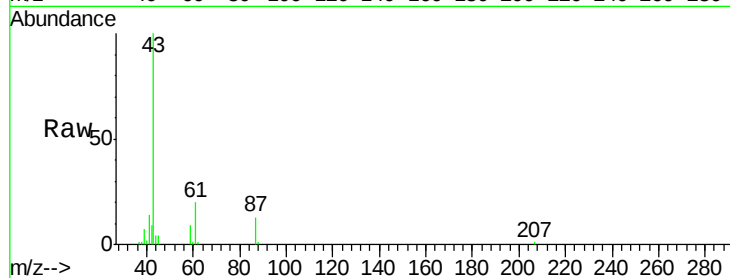


#43

Isopropyl Acetate
 Concen: 12.404 ug/l
 RT: 8.14 min Scan# 1980
 Delta R.T. 0.00 min
 Lab File: VN060502.D
 Acq: 13 Mar 2020 15:04

Instrument :
 MSVOA_N
 ClientSampleId :
 PB127506ZHE#03

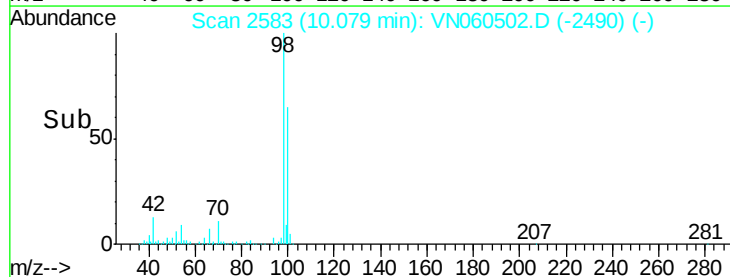
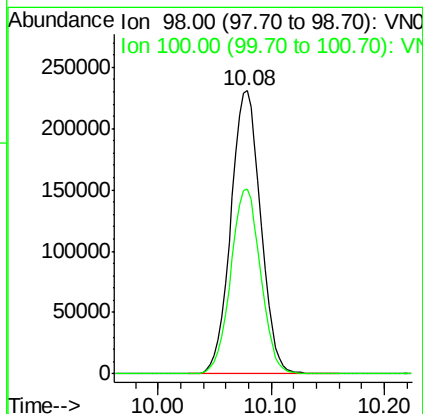
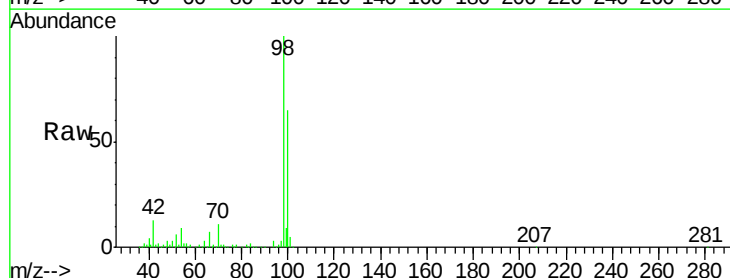
Tot Ion: 43 Resp: 67448
 Ion Ratio Lower Upper
 43 100
 61 19.1 20.9 31.3#
 87 12.1 10.6 16.0

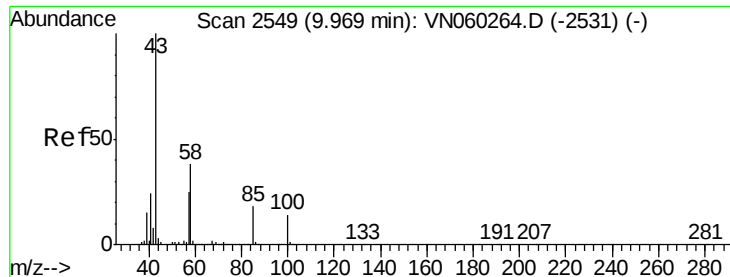


#50

Toluene-d8
 Concen: 52.458 ug/l
 RT: 10.08 min Scan# 2583
 Delta R.T. 0.00 min
 Lab File: VN060502.D
 Acq: 13 Mar 2020 15:04

Tgt Ion: 98 Resp: 424155
 Ion Ratio Lower Upper
 98 100
 100 65.2 52.2 78.2





#51

4-Methyl-2-Pentanone

Concen: 1.681 ug/l

RT: 9.97 min Scan# 2549

Delta R.T. 0.00 min

Lab File: VN060502.D

Acq: 13 Mar 2020 15:04

Instrument :

MSVOA_N

ClientSampleId :

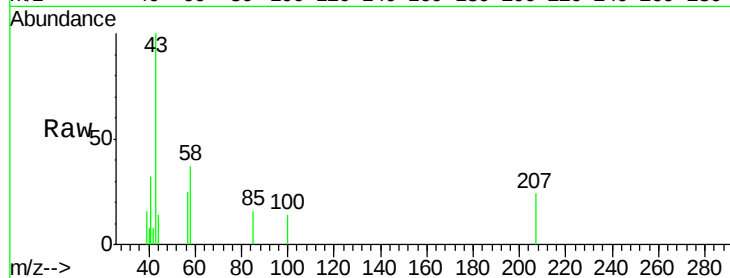
PB127506ZHE#03

Tot Ion: 43 Resp: 5183

Ion Ratio Lower Upper

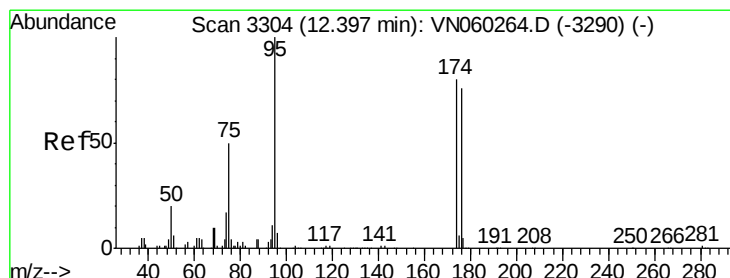
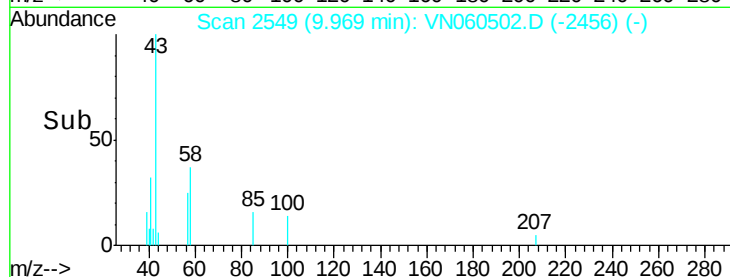
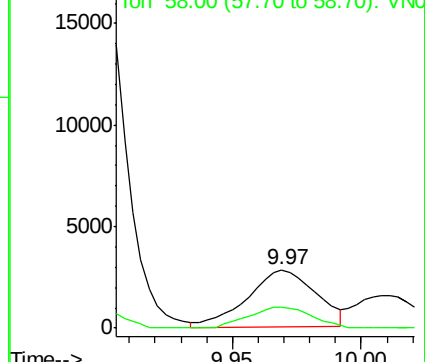
43 100

58 34.7 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: 53.044 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN060502.D

Acq: 13 Mar 2020 15:04

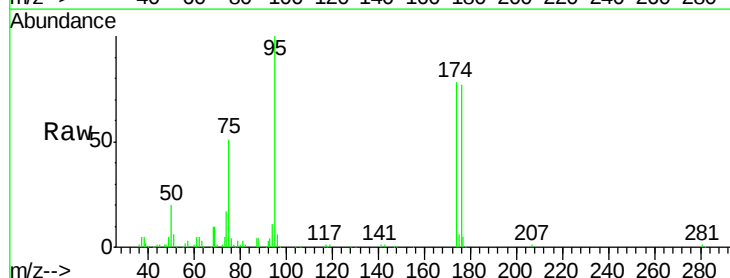
Tgt Ion: 95 Resp: 162583

Ion Ratio Lower Upper

95 100

174 78.0 0.0 159.2

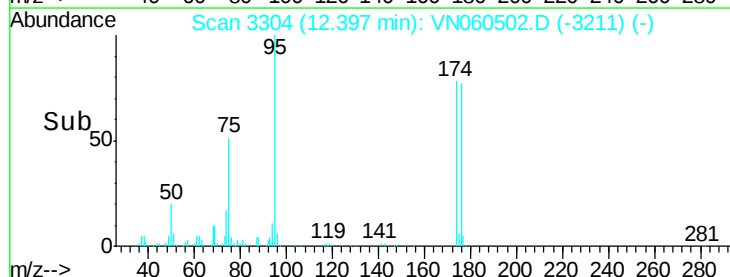
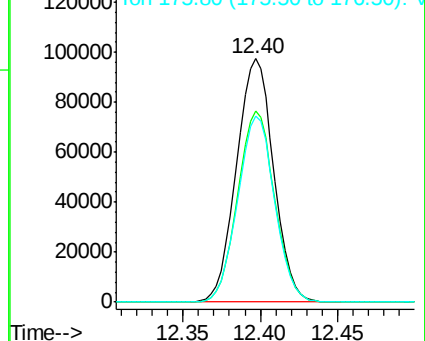
176 75.9 0.0 153.8

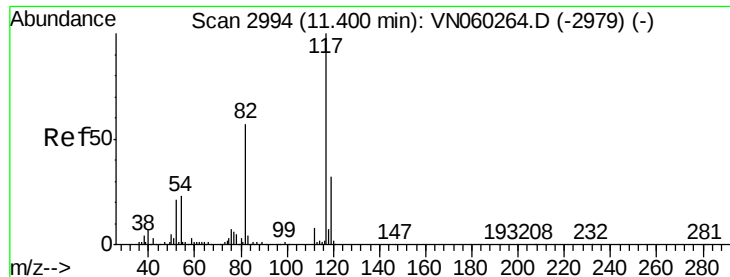


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

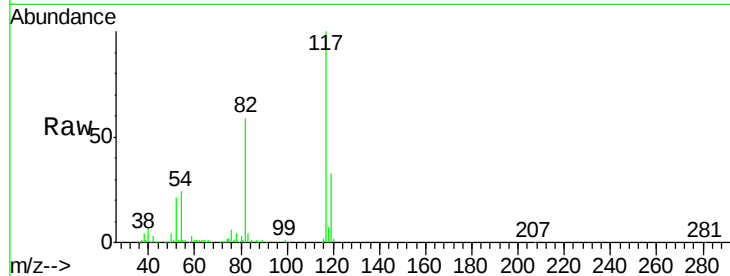




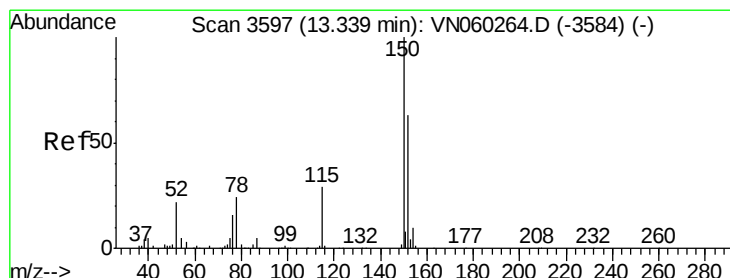
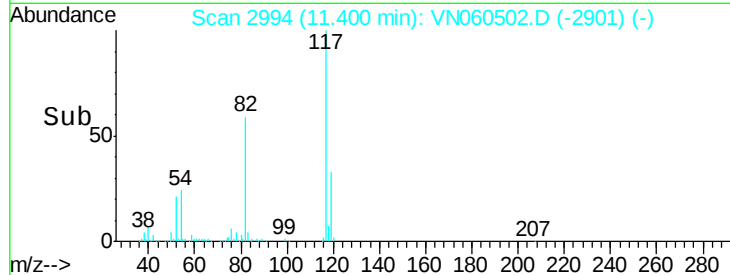
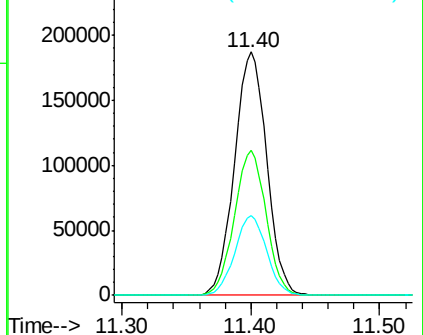
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN060502.D
Acq: 13 Mar 2020 15:04

Instrument :
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PB127506ZHE#03

Tot Ion	Ratio	Lower	Upper
117	100		
82	59.4	45.8	68.6
119	32.8	25.8	38.8

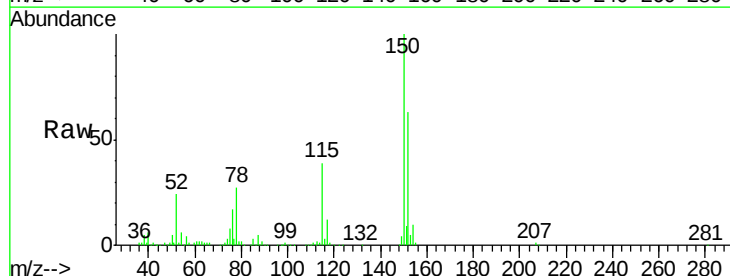


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. 0.00 min
Lab File: VN060502.D
Acq: 13 Mar 2020 15:04

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.0	30.0	90.0
150	158.3	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

