

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031620\
 Data File : VN060531.D
 Acq On : 16 Mar 2020 18:15
 Operator : JC/MD
 Sample : PB127541ZHE#04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB127541ZHE#04

Quant Time: Mar 17 09:32:29 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

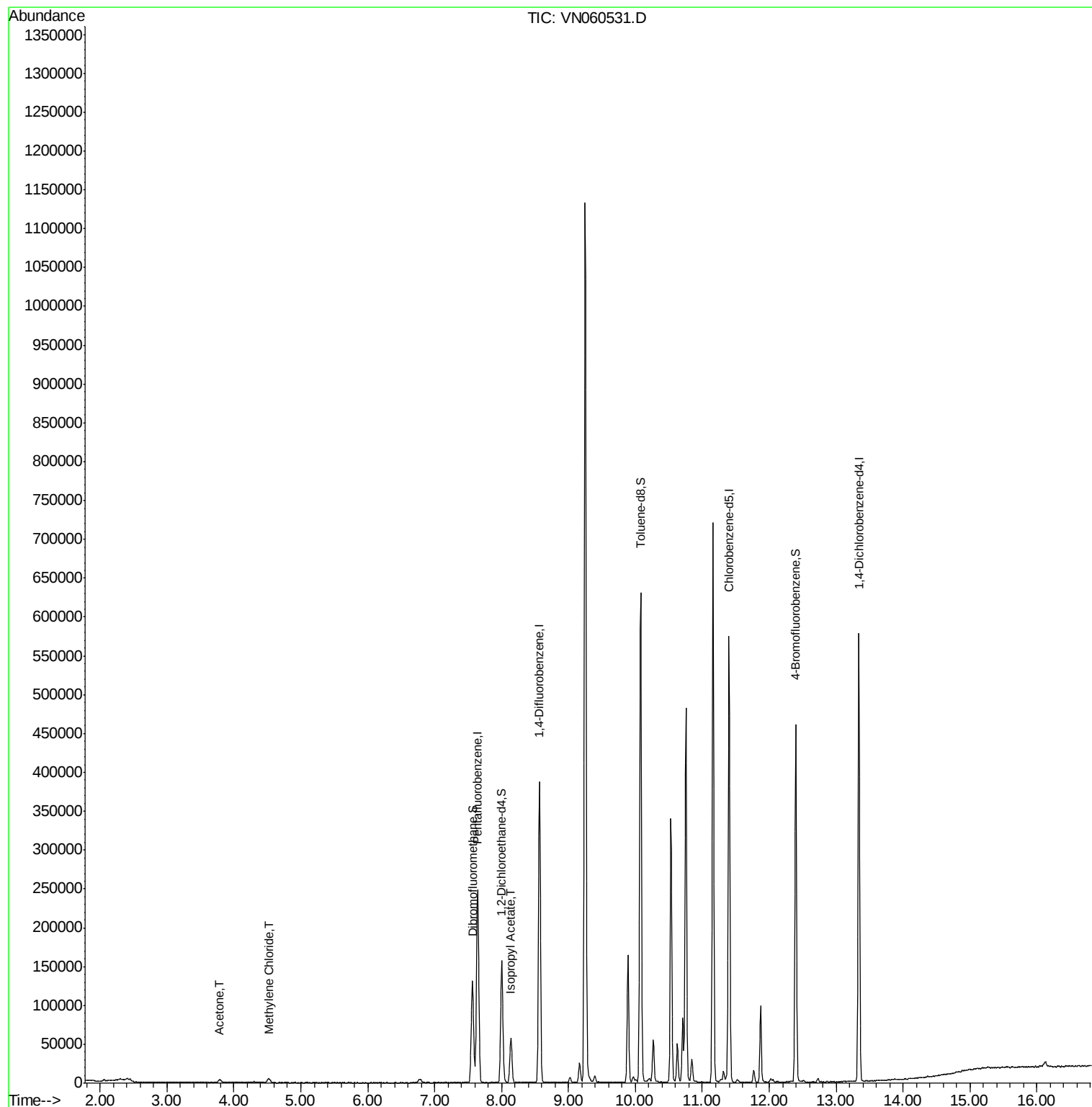
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	207052	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	345649	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	326346	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	151251	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	135170	50.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.76%	
35) Dibromofluoromethane	7.56	113	102584	63.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	127.88%	
50) Toluene-d8	10.08	98	428677	52.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.58%	
62) 4-Bromofluorobenzene	12.40	95	161162	52.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.72%	
Target Compounds						
16) Acetone	3.79	43	6808	7.936	ug/l	94
20) Methylene Chloride	4.52	84	4429	1.880	ug/l	98
43) Isopropyl Acetate	8.14	43	70607	12.930	ug/l #	90

(#) = 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# 1826

Delta R.T. 0.00 min

Lab File: VN060531.D

Acq: 16 Mar 2020 18:15

Instrument :

MSVOA_N

ClientSampleId :

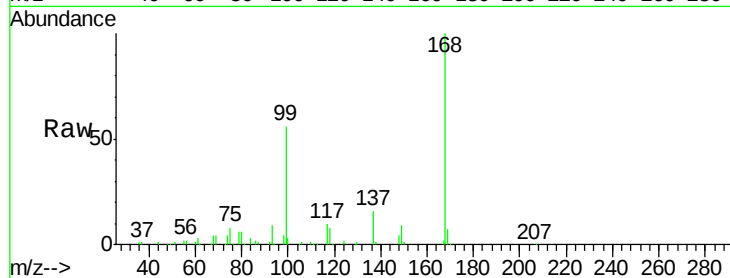
PB127541ZHE#04

Tot Ion:168 Resp: 207052

Ion Ratio Lower Upper

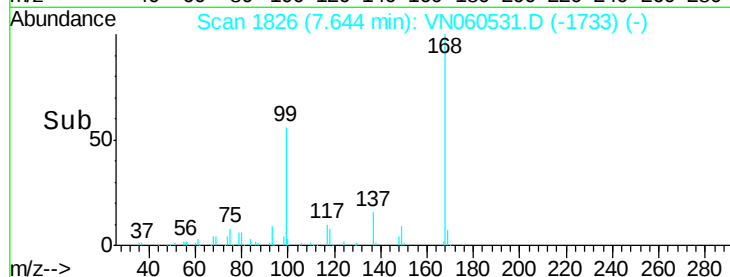
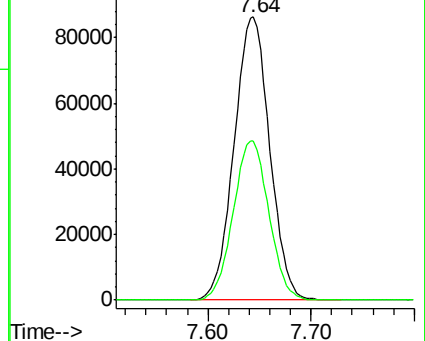
168 100

99 56.1 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: 7.936 ug/l

RT: 3.79 min Scan# 626

Delta R.T. 0.01 min

Lab File: VN060531.D

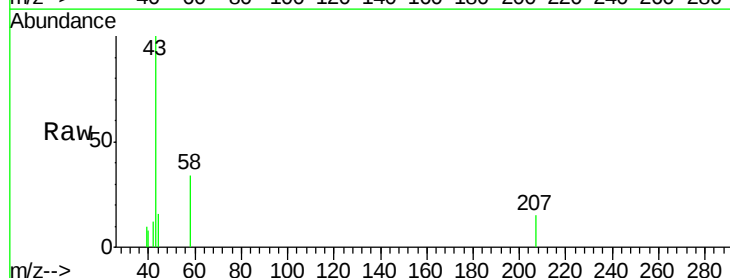
Acq: 16 Mar 2020 18:15

Tgt Ion: 43 Resp: 6808

Ion Ratio Lower Upper

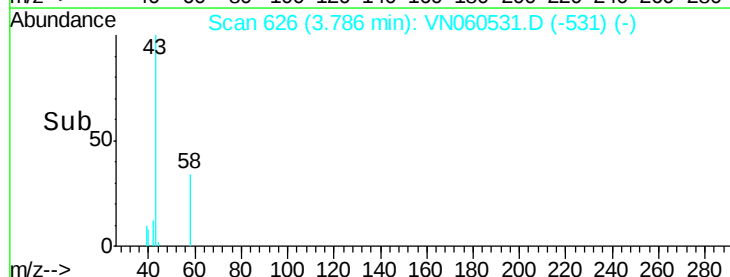
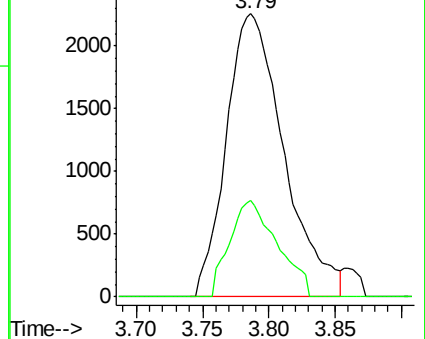
43 100

58 34.1 24.6 36.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

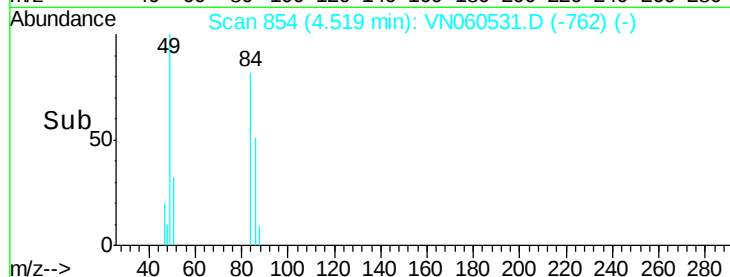
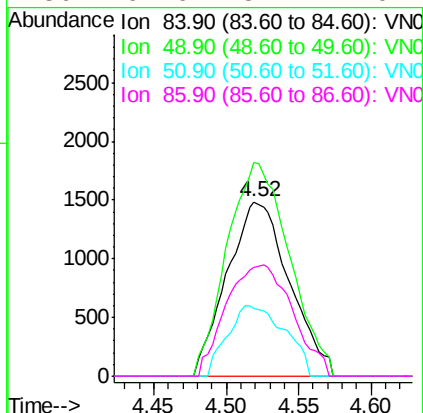
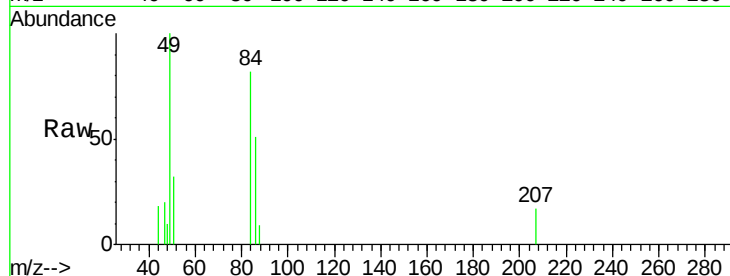




#20
Methvlene Chloride
Concen: 1.880 ug/l
RT: 4.52 min Scan# 854
Delta R.T. -0.00 min
Lab File: VN060531.D
Acq: 16 Mar 2020 18:15

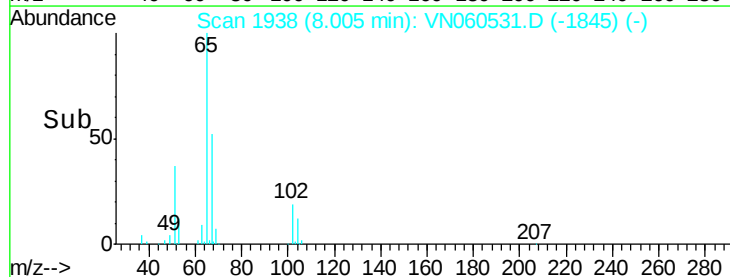
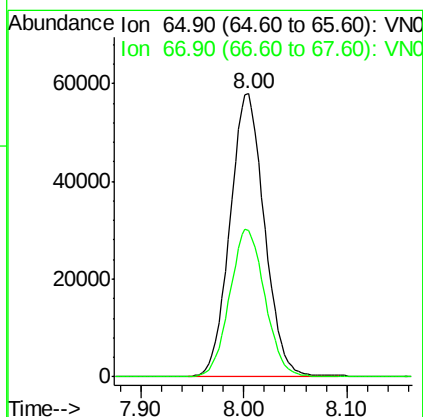
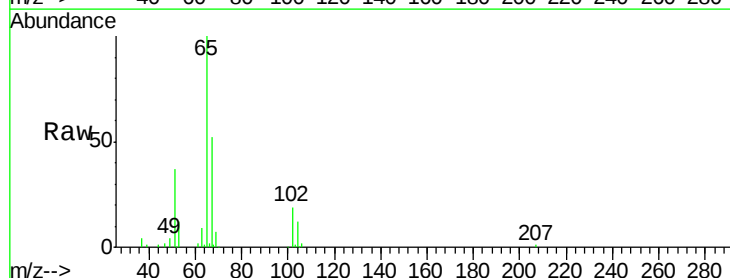
Instrument :
MSVOA_N
ClientSampleId :
PB127541ZHE#04

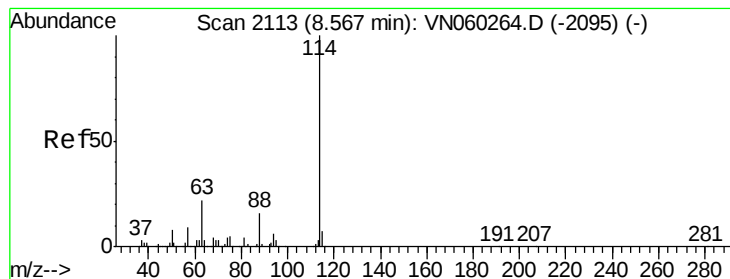
Tot Ion: 84 Resp: 4429
Ion Ratio Lower Upper
84 100
49 122.6 99.3 148.9
51 38.8 30.1 45.1
86 62.6 51.1 76.7



#33
1,2-Dichloroethane-d4
Concen: 50.883 ug/l
RT: 8.00 min Scan# 1938
Delta R.T. 0.00 min
Lab File: VN060531.D
Acq: 16 Mar 2020 18:15

Tgt Ion: 65 Resp: 135170
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: VN060531.D

Acq: 16 Mar 2020 18:15

Instrument :

MSVOA_N

ClientSampleId :

PB127541ZHE#04

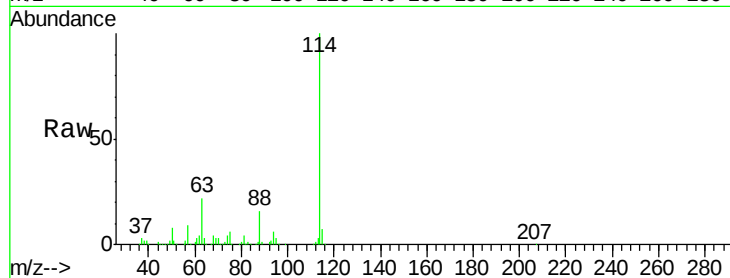
Tot Ion:114 Resp: 345649

Ion Ratio Lower Upper

114 100

63 21.7 0.0 43.2

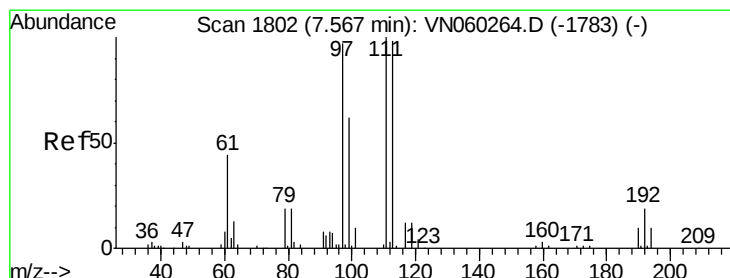
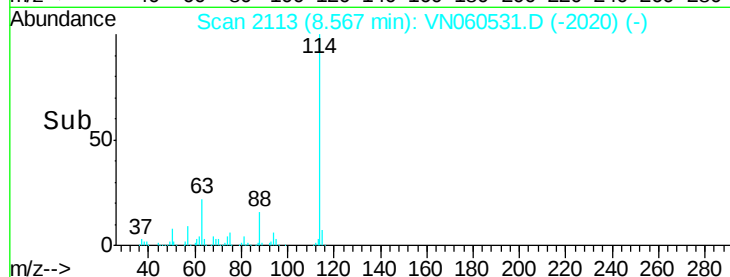
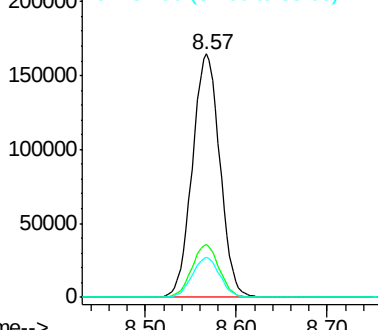
88 16.2 0.0 31.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35

Dibromofluoromethane

Concen: 63.940 ug/l

RT: 7.56 min Scan# 1801

Delta R.T. -0.00 min

Lab File: VN060531.D

Acq: 16 Mar 2020 18:15

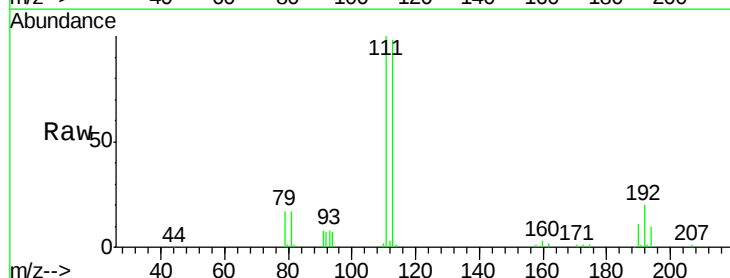
Tgt Ion:113 Resp: 102584

Ion Ratio Lower Upper

113 100

111 102.2 82.4 123.6

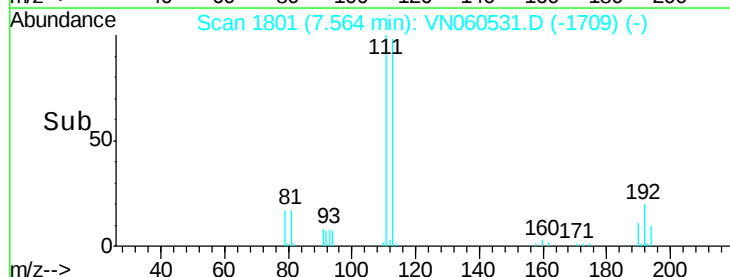
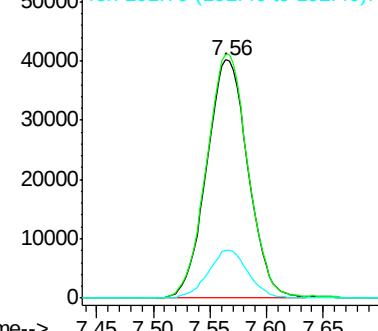
192 19.4 16.2 24.2

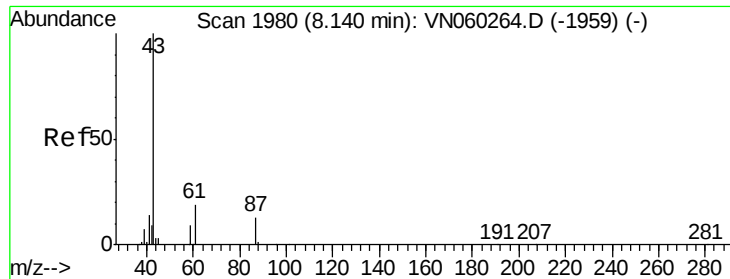


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



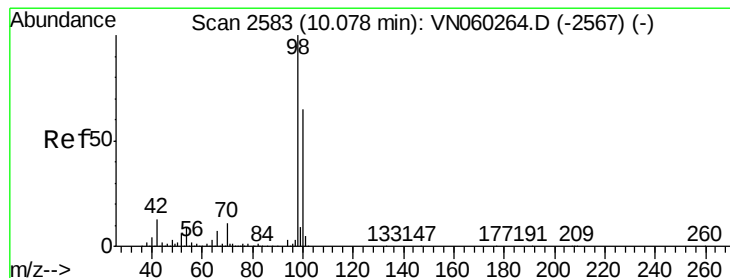
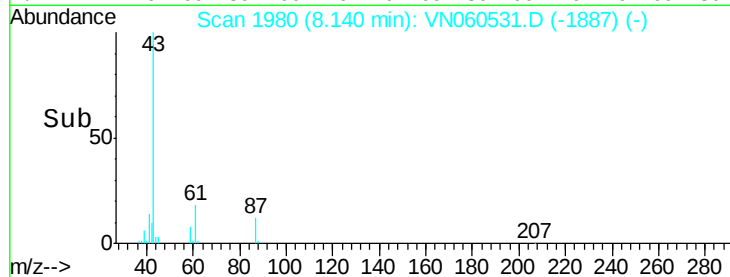
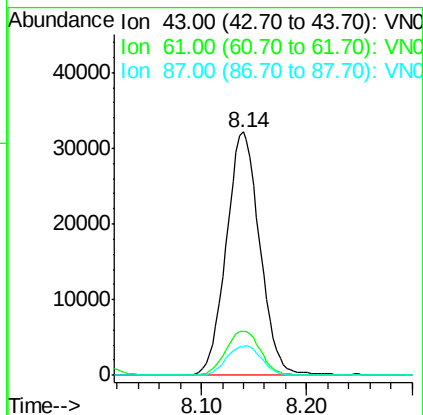
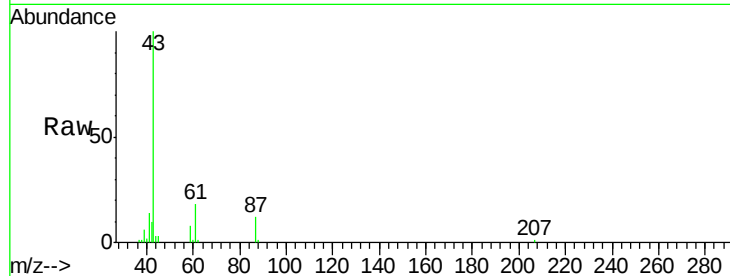


#43

Isopropyl Acetate
 Concen: 12.930 ug/l
 RT: 8.14 min Scan# 1980
 Delta R.T. 0.00 min
 Lab File: VN060531.D
 Acq: 16 Mar 2020 18:15

Instrument :
 MSVOA_N
 ClientSampleId :
 PB127541ZHE#04

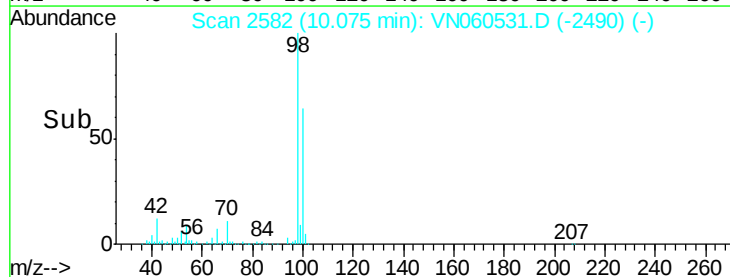
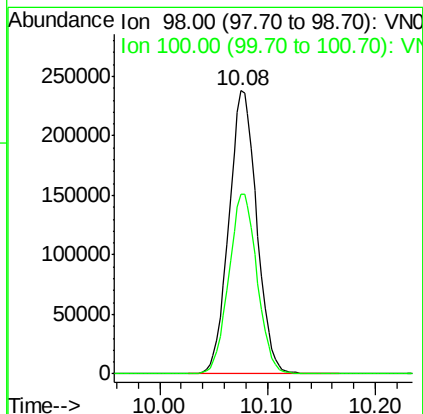
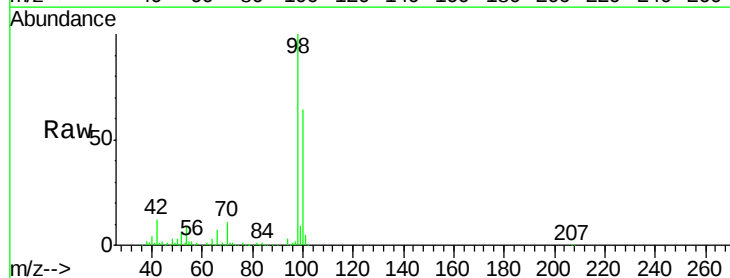
Tot Ion	Ratio	Lower	Upper
43	100		
61	18.9	20.9	31.3#
87	12.4	10.6	16.0



#50

Toluene-d8
 Concen: 52.793 ug/l
 RT: 10.08 min Scan# 2582
 Delta R.T. -0.00 min
 Lab File: VN060531.D
 Acq: 16 Mar 2020 18:15

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.5	52.2	78.2





#62

4-Bromofluorobenzene

Concen: 52.358 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN060531.D

Acq: 16 Mar 2020 18:15

Instrument :

MSVOA_N

ClientSampleId :

PB127541ZHE#04

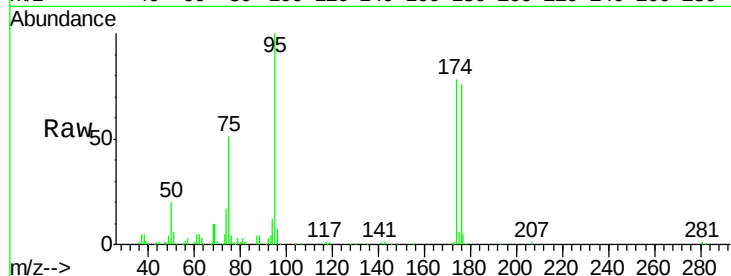
Tot Ion: 95 Resp: 161162

Ion Ratio Lower Upper

95 100

174 78.2 0.0 159.2

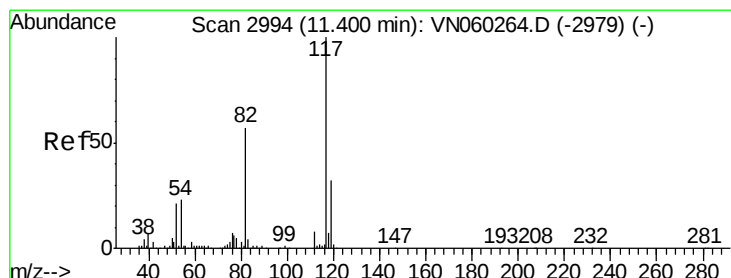
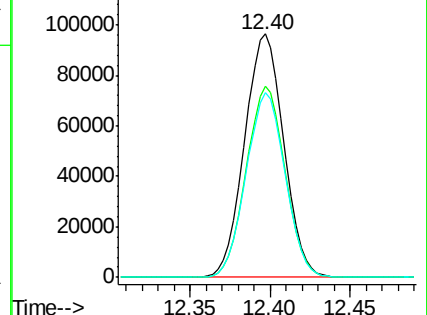
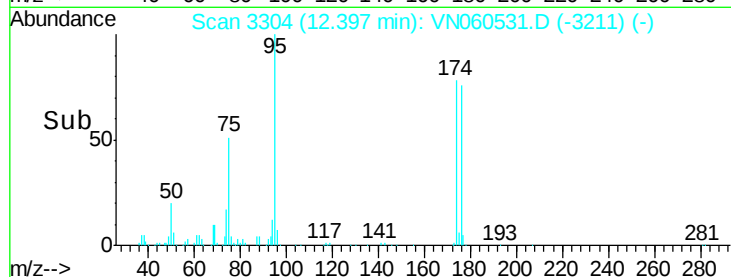
176 75.8 0.0 153.8



Abundance Ion 94.90 (94.60 to 95.60): VN060531.D (-3211) (-)

Ion 173.80 (173.50 to 174.50): VN060531.D (-3211) (-)

Ion 175.80 (175.50 to 176.50): VN060531.D (-3211) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. 0.00 min

Lab File: VN060531.D

Acq: 16 Mar 2020 18:15

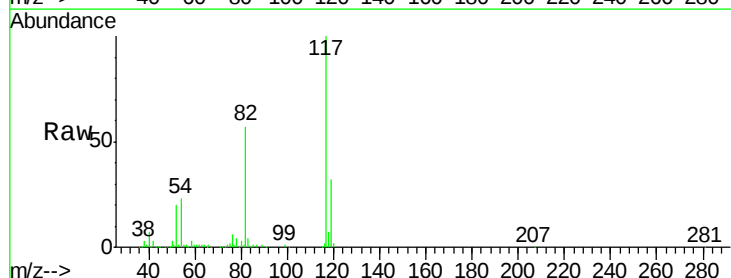
Tgt Ion: 117 Resp: 326346

Ion Ratio Lower Upper

117 100

82 57.2 45.8 68.6

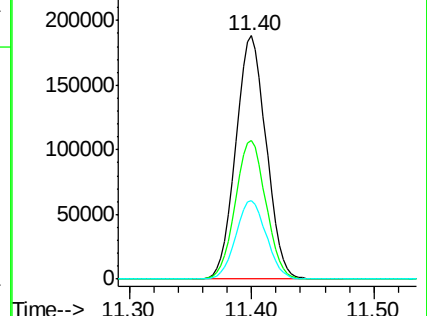
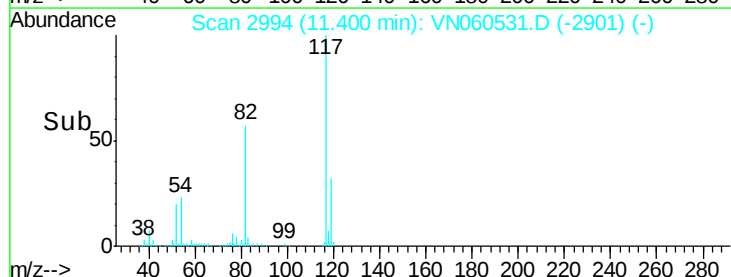
119 32.4 25.8 38.8

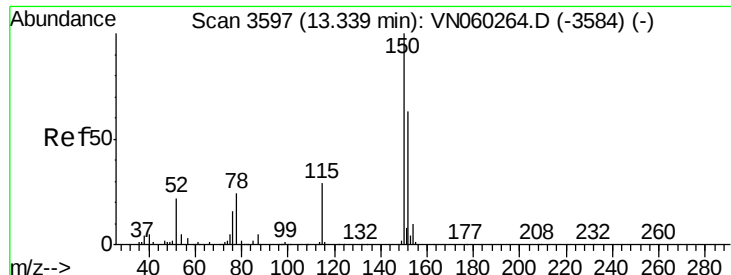


Abundance Ion 116.90 (116.60 to 117.60): VN060531.D (-2901) (-)

Ion 82.00 (81.70 to 82.70): VN060531.D (-2901) (-)

Ion 118.90 (118.60 to 119.60): VN060531.D (-2901) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. 0.00 min

Lab File: VN060531.D

Acq: 16 Mar 2020 18:15

Instrument :

MSVOA_N

ClientSampleId :

PB127541ZHE#04

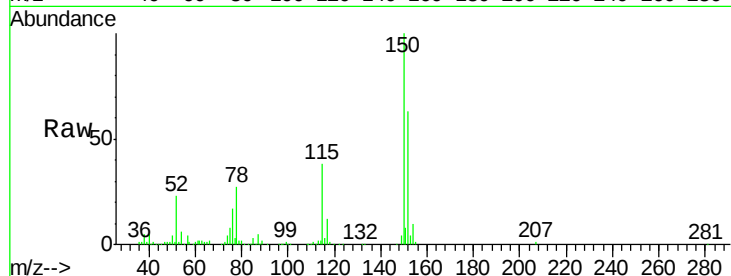
Tot Ion:152 Resp: 151251

Ion Ratio Lower Upper

152 100

115 59.6 30.0 90.0

150 157.0 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

