

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031120\
 Data File : VN060460.D
 Acq On : 11 Mar 2020 18:58
 Operator : JC/MD
 Sample : PB127431ZHE#02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB127431ZHE#02

Quant Time: Mar 12 04:55:39 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

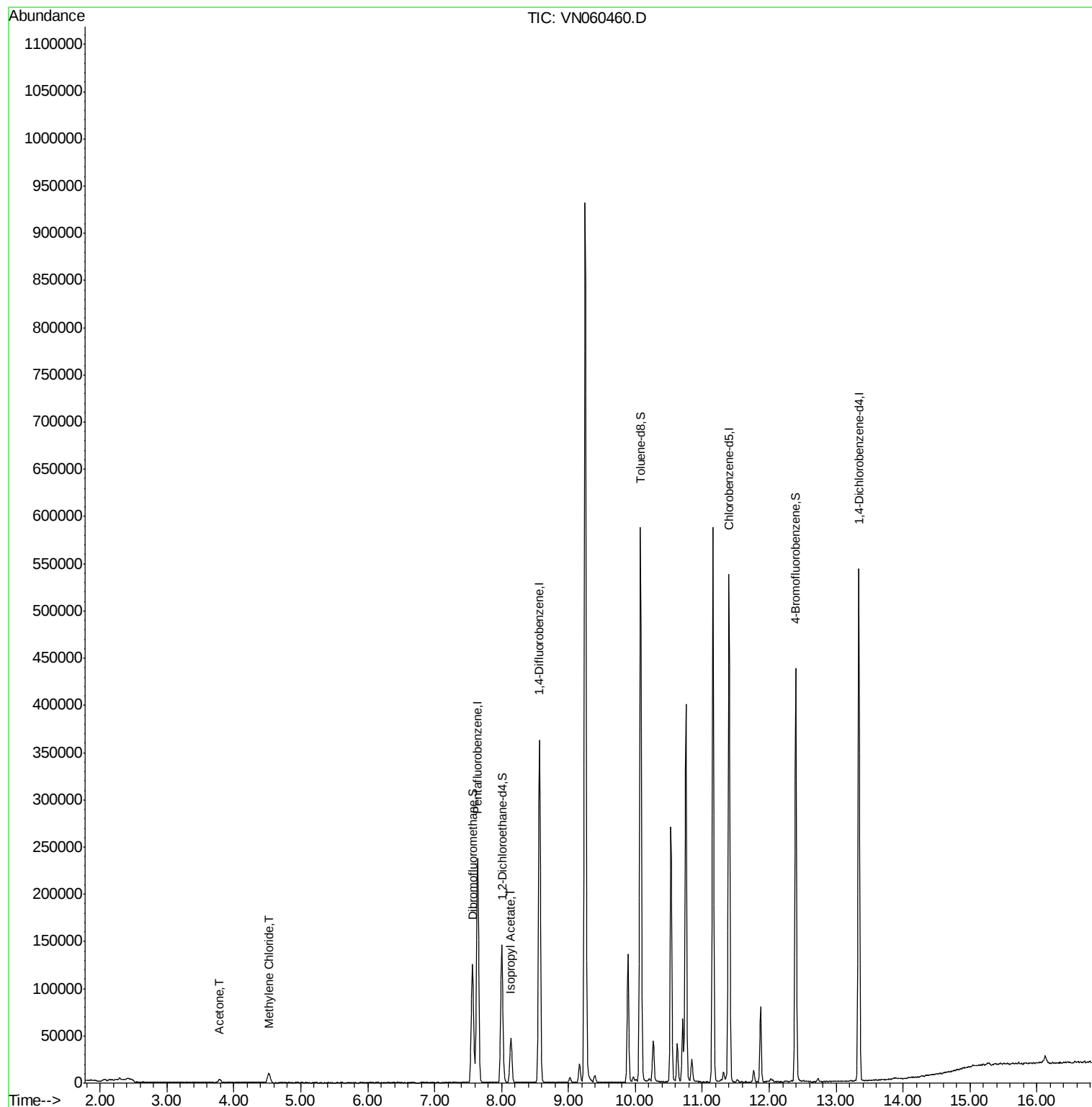
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	195807	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	323530	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	306467	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	143298	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	127353	50.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.38%	
35) Dibromofluoromethane	7.56	113	96853	64.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	128.98%	
50) Toluene-d8	10.08	98	399189	52.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.04%	
62) 4-Bromofluorobenzene	12.40	95	149947	52.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.08%	
Target Compounds						
16) Acetone	3.78	43	6938	8.552	ug/l	98
20) Methylene Chloride	4.52	84	7526	3.378	ug/l	95
43) Isopropyl Acetate	8.14	43	56274	11.010	ug/l #	91

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

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Quant Title : SW846 8260
QLast Update : Thu Feb 27 13:52:50 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN060460.D

Acq: 11 Mar 2020 18:58

Instrument :

MSVOA_N

ClientSampleId :

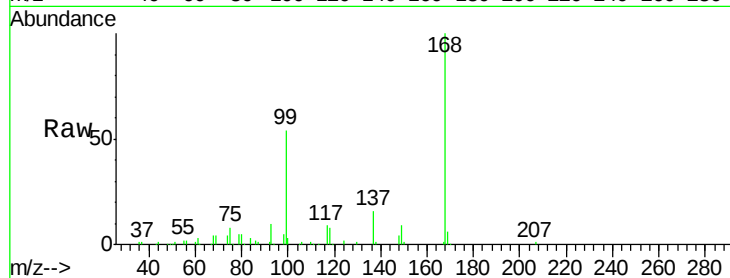
PB127431ZHE#02

Tot Ion:168 Resp: 195807

Ion Ratio Lower Upper

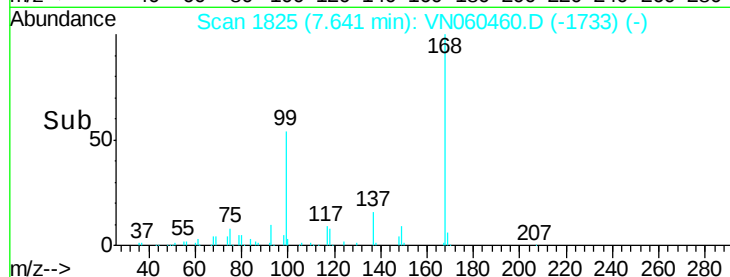
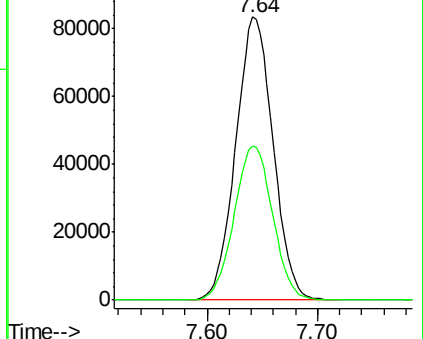
168 100

99 54.4 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: 8.552 ug/l

RT: 3.78 min Scan# 625

Delta R.T. 0.00 min

Lab File: VN060460.D

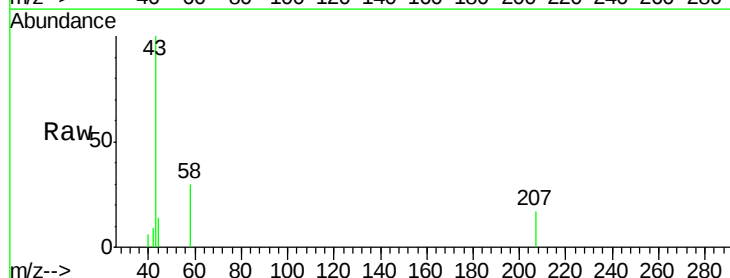
Acq: 11 Mar 2020 18:58

Tgt Ion: 43 Resp: 6938

Ion Ratio Lower Upper

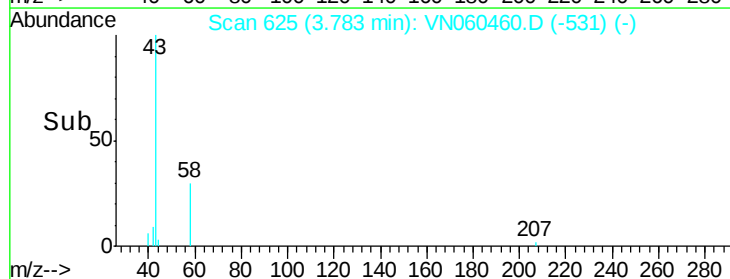
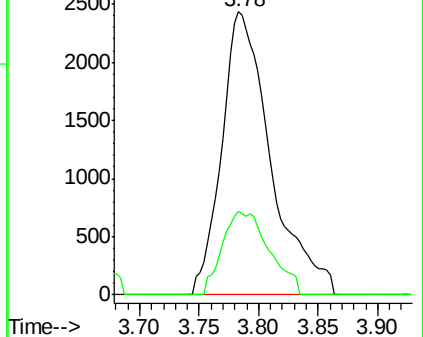
43 100

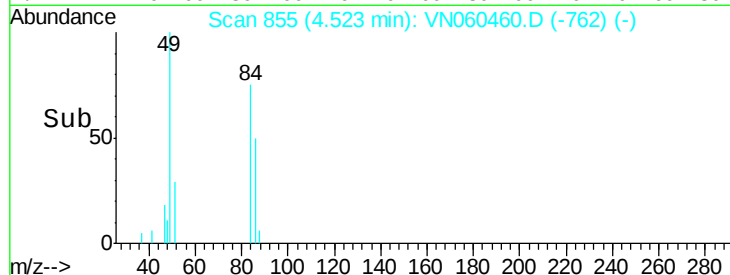
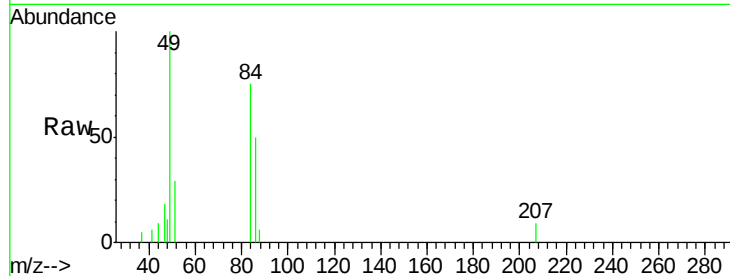
58 29.6 24.6 36.8



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

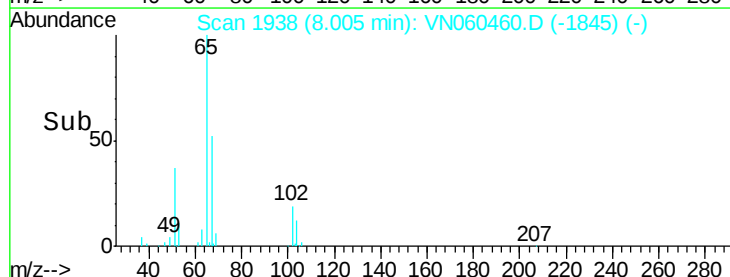
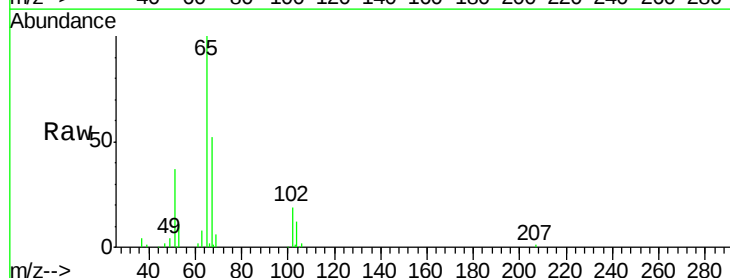
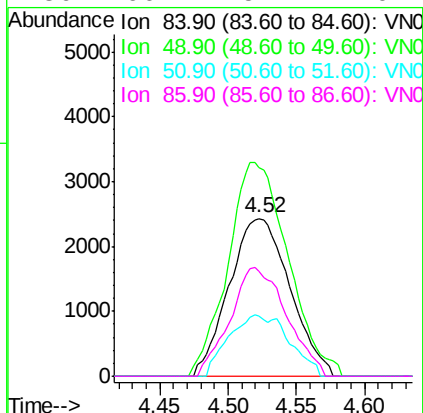




#20
Methvlene Chloride
Concen: 3.378 ug/l
RT: 4.52 min Scan# 855
Delta R.T. 0.00 min
Lab File: VN060460.D
Acq: 11 Mar 2020 18:58

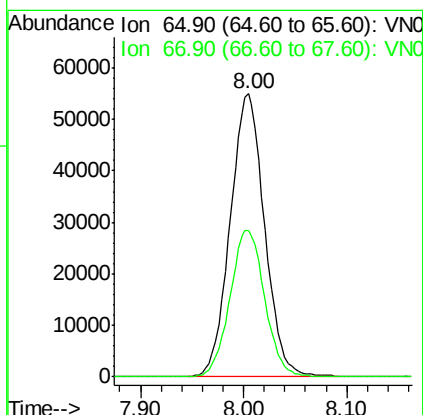
Instrument :
MSVOA_N
ClientSampleId :
PB127431ZHE#02

Tot Ion:	84	Resp:	7526
Ion	Ratio	Lower	Upper
84	100		
49	132.6	99.3	148.9
51	38.1	30.1	45.1
86	66.4	51.1	76.7



#33
1,2-Dichloroethane-d4
Concen: 50.693 ug/l
RT: 8.00 min Scan# 1938
Delta R.T. 0.00 min
Lab File: VN060460.D
Acq: 11 Mar 2020 18:58

Tgt Ion:	65	Resp:	127353
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: VN060460.D

Acq: 11 Mar 2020 18:58

Instrument :

MSVOA_N

ClientSampleId :

PB127431ZHE#02

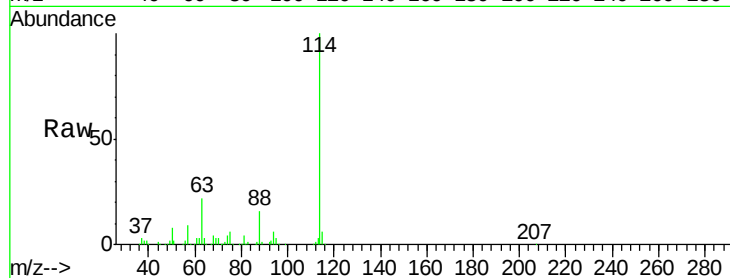
Tot Ion:114 Resp: 323530

Ion Ratio Lower Upper

114 100

63 22.0 0.0 43.2

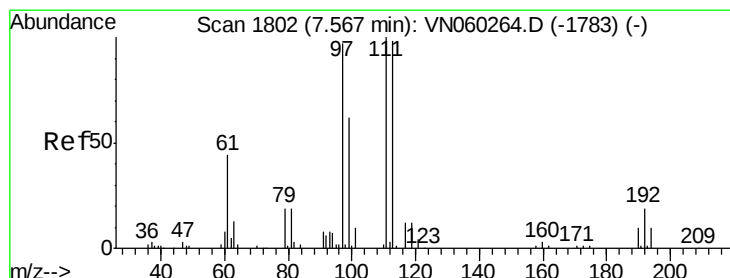
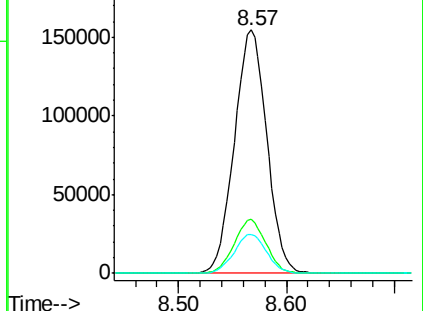
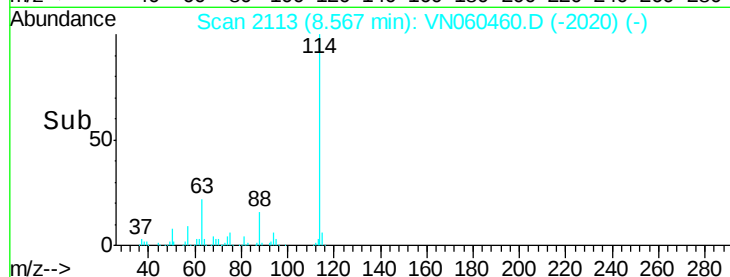
88 16.0 0.0 31.6



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: 64.495 ug/l

RT: 7.56 min Scan# 1801

Delta R.T. -0.00 min

Lab File: VN060460.D

Acq: 11 Mar 2020 18:58

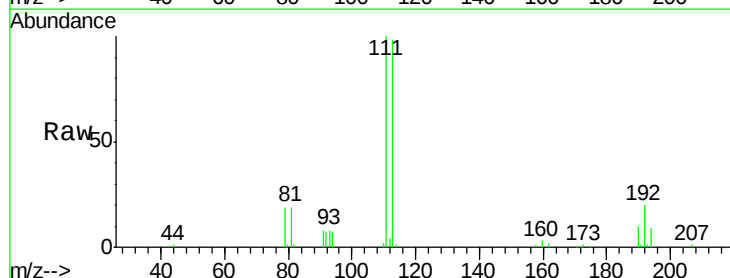
Tgt Ion:113 Resp: 96853

Ion Ratio Lower Upper

113 100

111 102.5 82.4 123.6

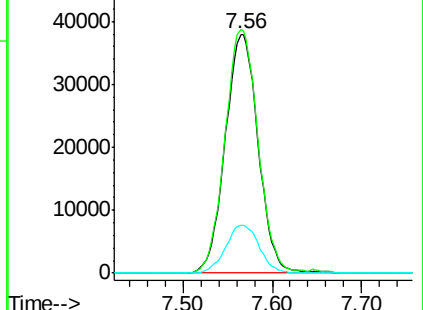
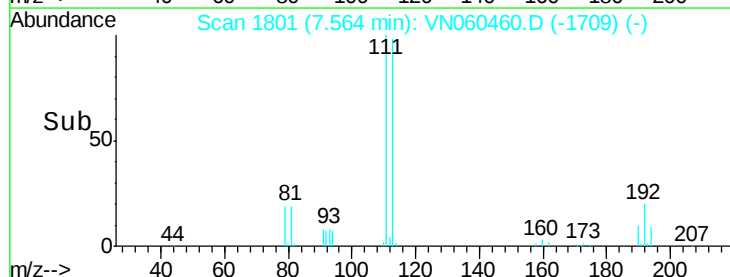
192 20.4 16.2 24.2



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: 11.010 ug/l

RT: 8.14 min Scan# 1980

Delta R.T. 0.00 min

Lab File: VN060460.D

Acq: 11 Mar 2020 18:58

Instrument :

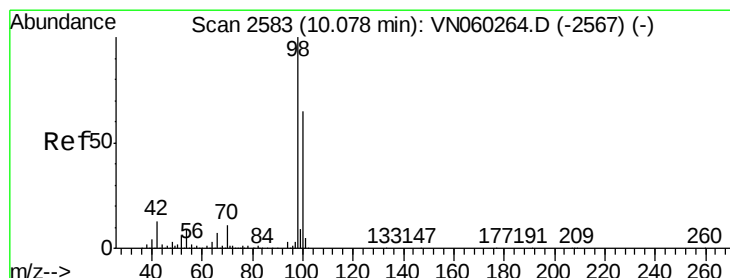
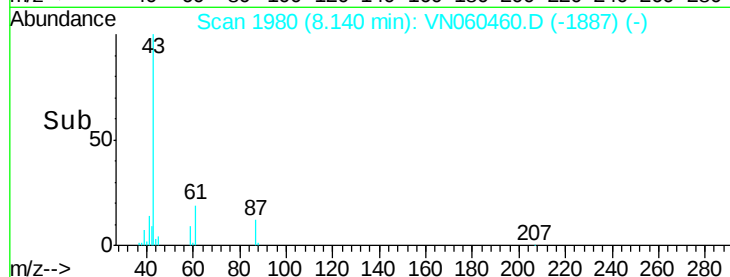
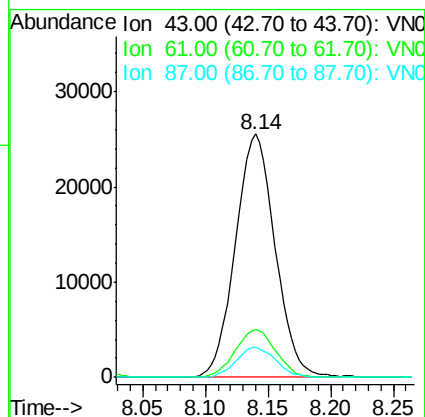
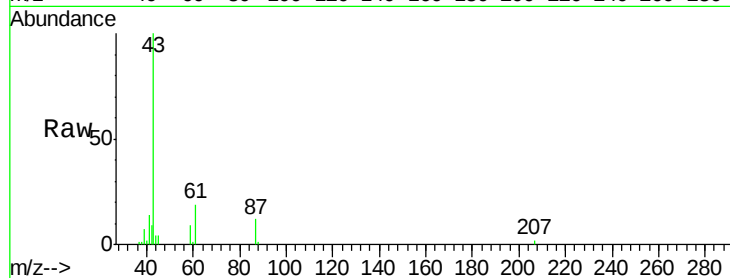
MSVOA_N

ClientSampleId :

PB127431ZHE#02

Tot Ion: 43 Resp: 56274

Ion	Ratio	Lower	Upper
43	100		
61	19.8	20.9	31.3#
87	12.2	10.6	16.0



#50

Toluene-d8

Concen: 52.522 ug/l

RT: 10.08 min Scan# 2582

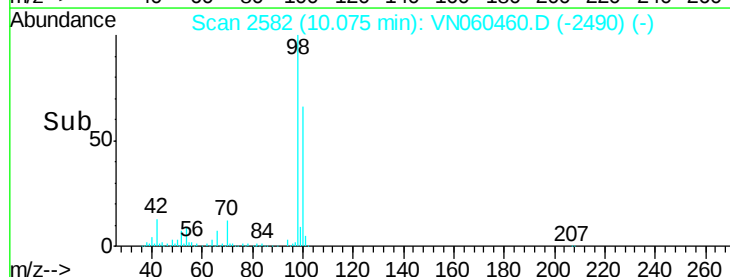
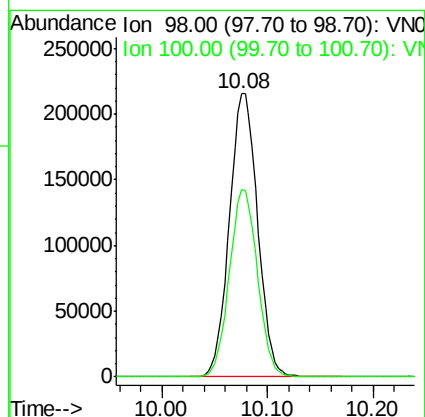
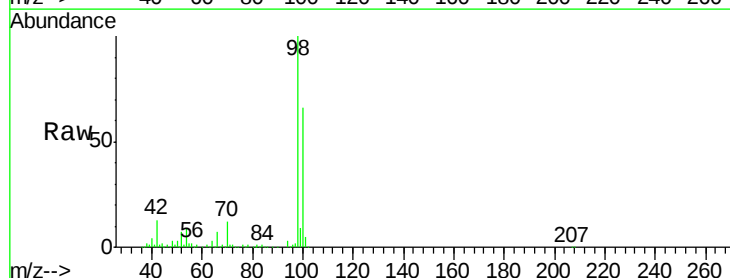
Delta R.T. -0.00 min

Lab File: VN060460.D

Acq: 11 Mar 2020 18:58

Tgt Ion: 98 Resp: 399189

Ion	Ratio	Lower	Upper
98	100		
100	65.8	52.2	78.2





#62

4-Bromofluorobenzene

Concen: 52.045 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN060460.D

Acq: 11 Mar 2020 18:58

Instrument :

MSVOA_N

ClientSampleId :

PB127431ZHE#02

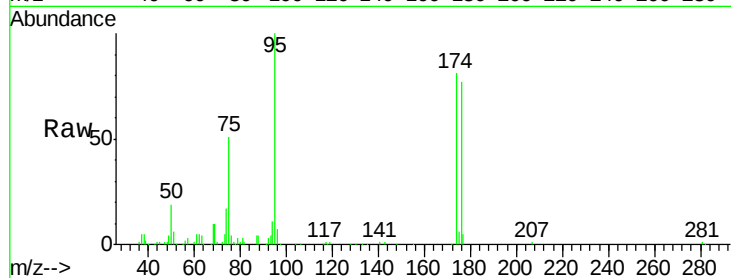
Tot Ion: 95 Resp: 149947

Ion Ratio Lower Upper

95 100

174 80.4 0.0 159.2

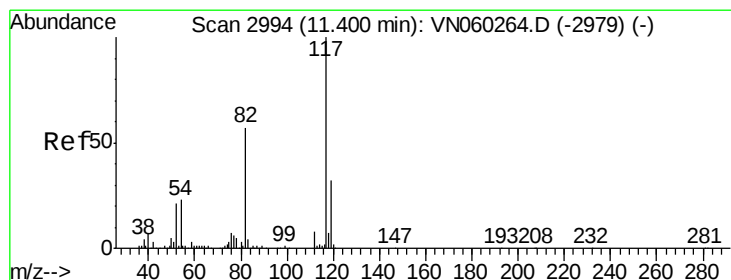
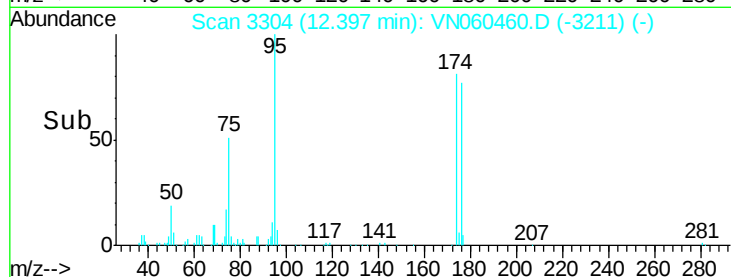
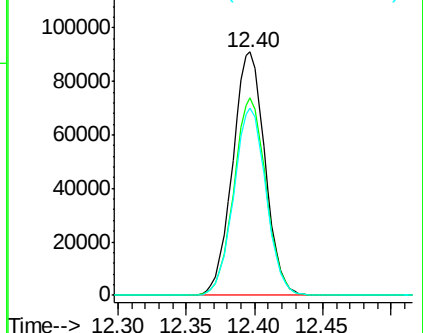
176 76.7 0.0 153.8



Abundance Ion 94.90 (94.60 to 95.60): VN060460.D (-3290) (-)

Ion 173.80 (173.50 to 174.50): VN060460.D (-3290) (-)

Ion 175.80 (175.50 to 176.50): VN060460.D (-3290) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. 0.00 min

Lab File: VN060460.D

Acq: 11 Mar 2020 18:58

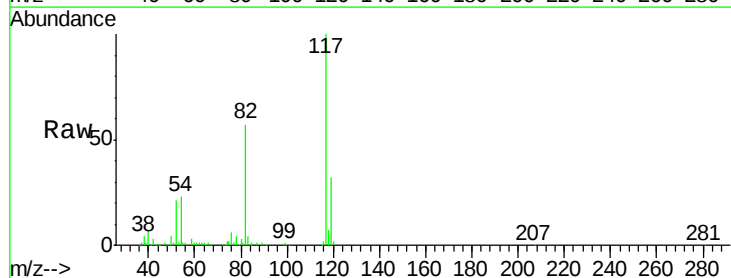
Tgt Ion: 117 Resp: 306467

Ion Ratio Lower Upper

117 100

82 57.4 45.8 68.6

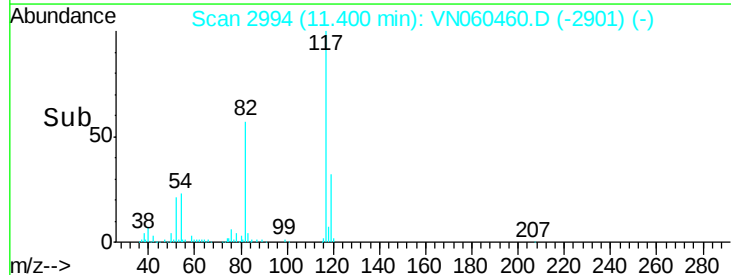
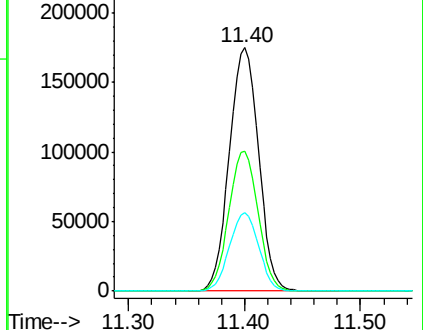
119 32.0 25.8 38.8

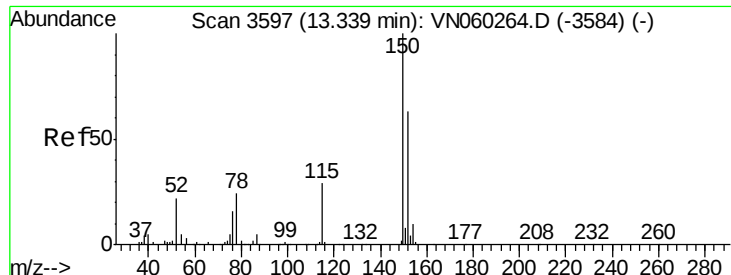


Abundance Ion 116.90 (116.60 to 117.60): VN060460.D (-2979) (-)

Ion 82.00 (81.70 to 82.70): VN060460.D (-2979) (-)

Ion 118.90 (118.60 to 119.60): VN060460.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: VN060460.D

Acq: 11 Mar 2020 18:58

Instrument :

MSVOA_N

ClientSampleId :

PB127431ZHE#02

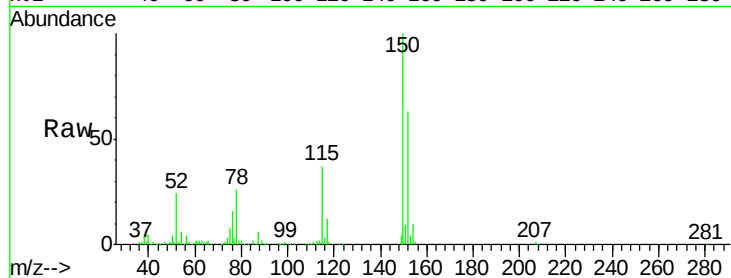
Tot Ion:152 Resp: 143298

Ion Ratio Lower Upper

152 100

115 59.7 30.0 90.0

150 157.2 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

