

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031020\
 Data File : VN060420.D
 Acq On : 10 Mar 2020 16:31
 Operator : JC/MD
 Sample : PB127392ZHE#15
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB127392ZHE#15

Quant Time: Mar 11 07:26:36 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

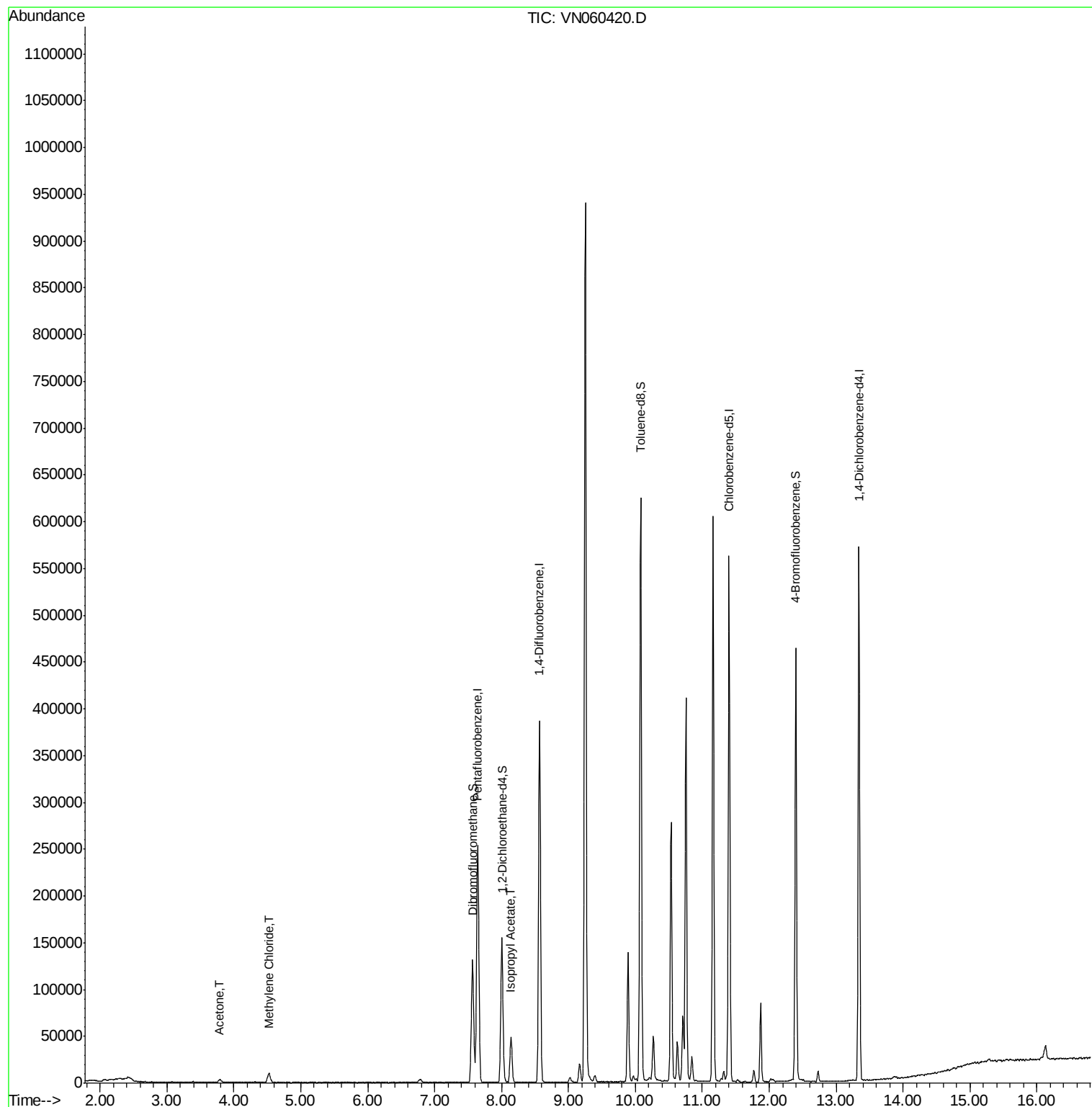
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	209132	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	339663	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	318949	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	146711	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	133371	49.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.42%	
35) Dibromofluoromethane	7.57	113	99743	63.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	126.52%	
50) Toluene-d8	10.08	98	422097	52.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.80%	
62) 4-Bromofluorobenzene	12.40	95	155650	51.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.92%	
Target Compounds						
16) Acetone	3.79	43	6513	7.517	ug/l	93
20) Methylene Chloride	4.53	84	7456	3.133	ug/l	95
43) Isopropyl Acetate	8.14	43	57891	10.788	ug/l #	90

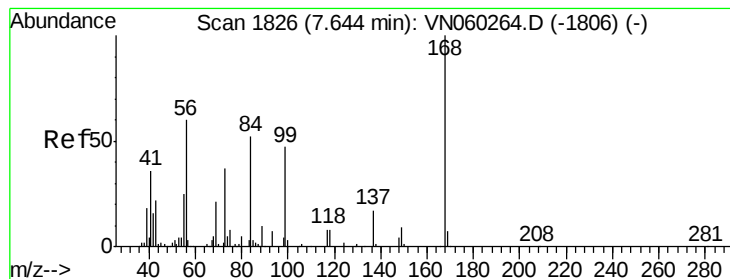
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN031020\
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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: VN060420.D

Acq: 10 Mar 2020 16:31

Instrument :

MSVOA_N

ClientSampleId :

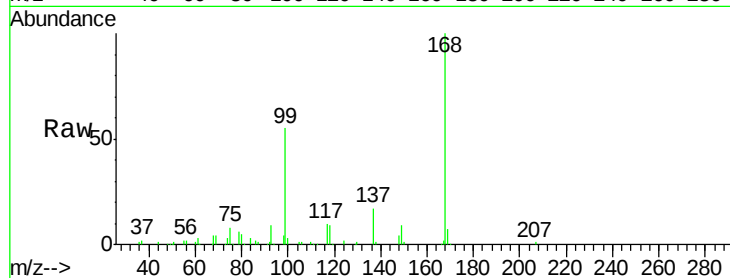
PB127392ZHE#15

Tot Ion:168 Resp: 209132

Ion Ratio Lower Upper

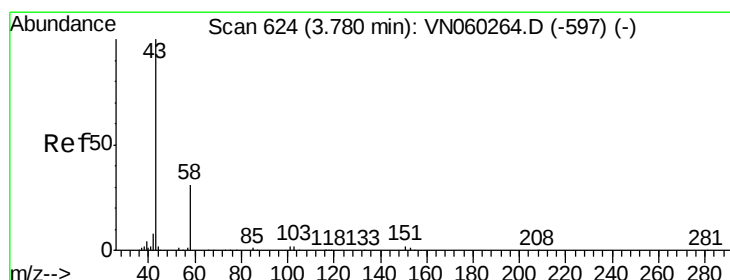
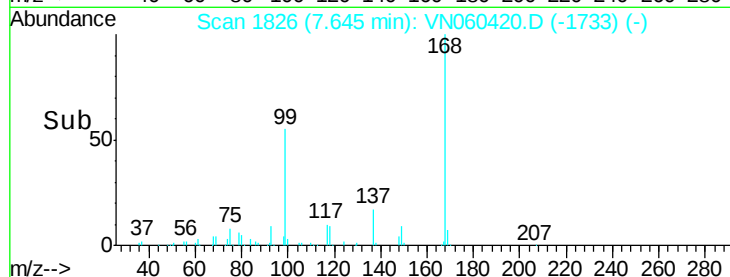
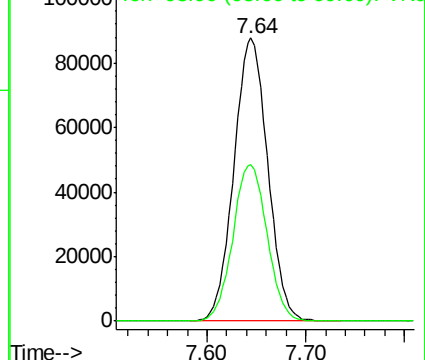
168 100

99 55.1 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: 7.517 ug/l

RT: 3.79 min Scan# 626

Delta R.T. 0.01 min

Lab File: VN060420.D

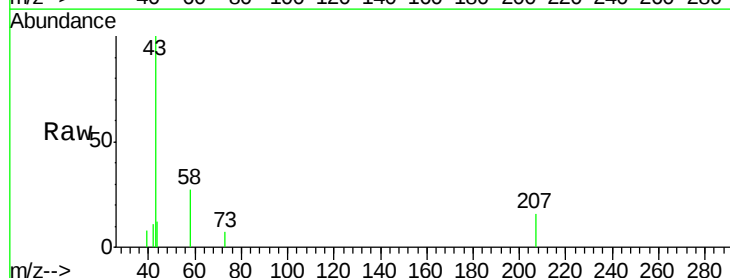
Acq: 10 Mar 2020 16:31

Tgt Ion: 43 Resp: 6513

Ion Ratio Lower Upper

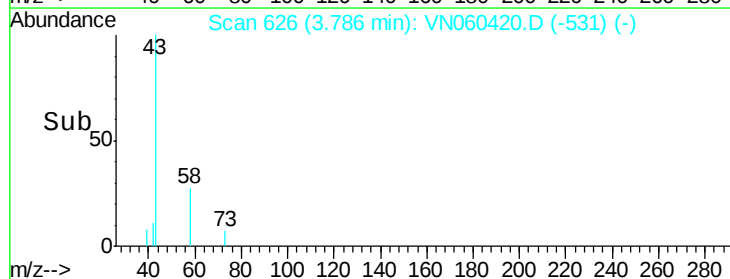
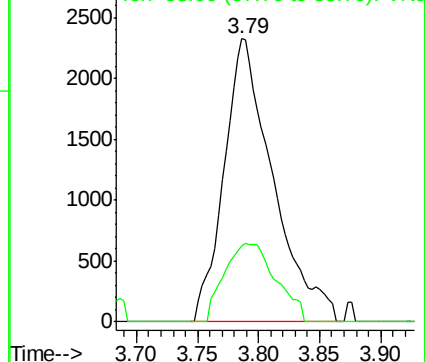
43 100

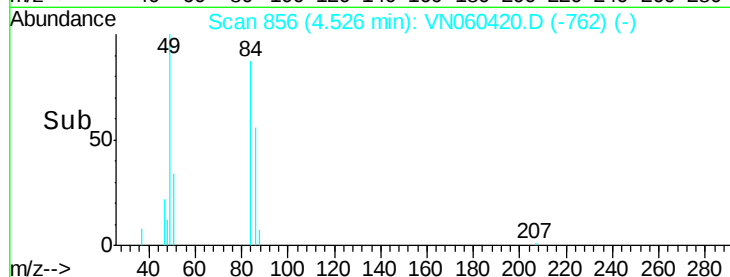
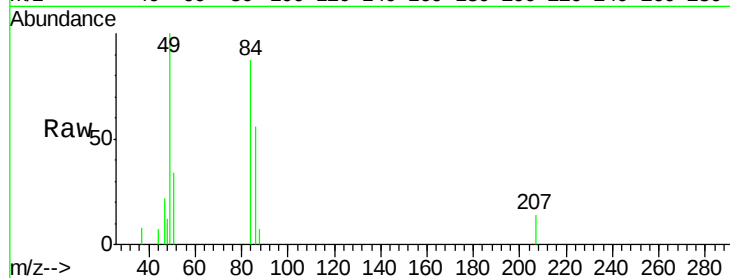
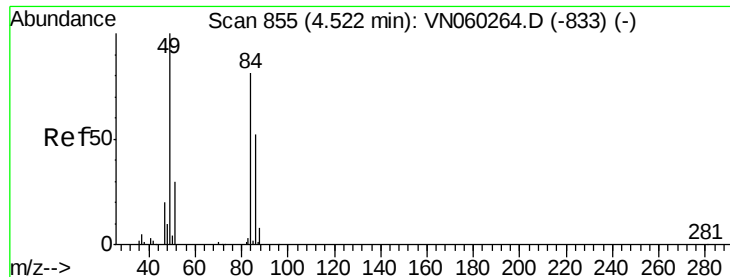
58 26.8 24.6 36.8



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

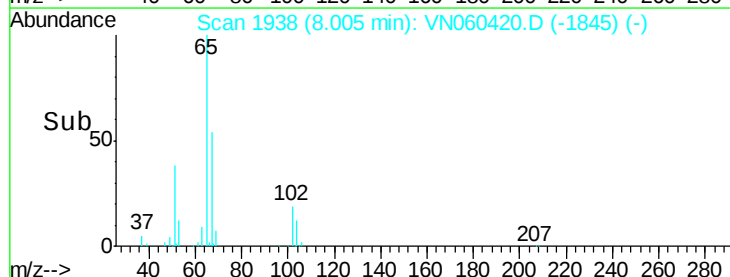
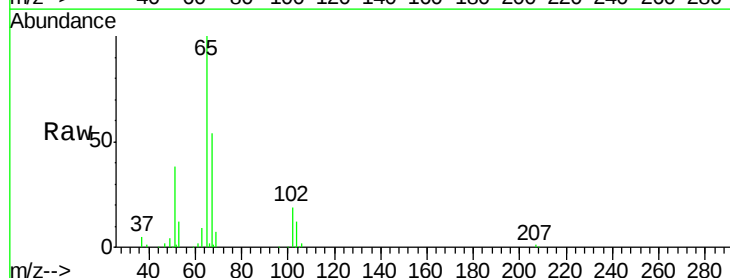
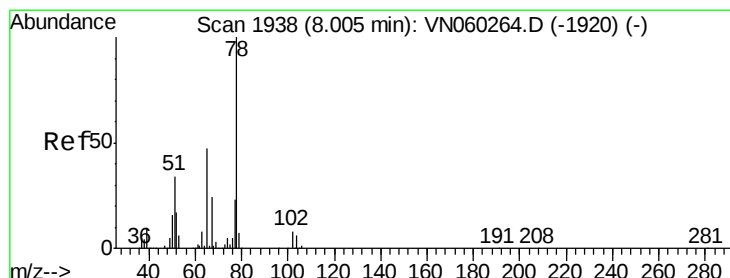
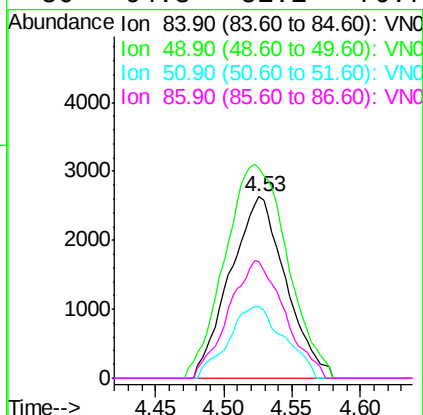




#20
Methvlene Chloride
Concen: 3.133 ug/l
RT: 4.53 min Scan# 856
Delta R.T. 0.00 min
Lab File: VN060420.D
Acq: 10 Mar 2020 16:31

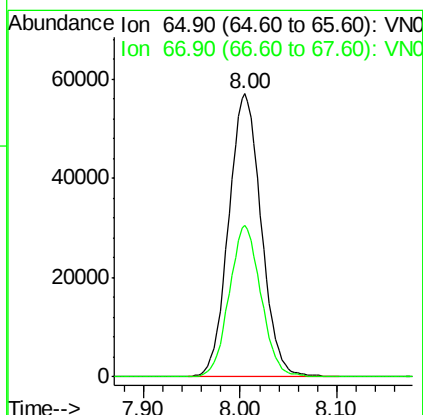
Instrument :
MSVOA_N
ClientSampleId :
PB127392ZHE#15

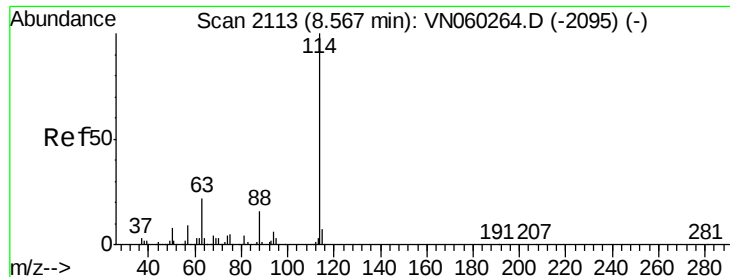
Tot Ion:	84	Resp:	7456
Ion	Ratio	Lower	Upper
84	100		
49	115.4	99.3	148.9
51	39.5	30.1	45.1
86	64.3	51.1	76.7



#33
1,2-Dichloroethane-d4
Concen: 49.706 ug/l
RT: 8.00 min Scan# 1938
Delta R.T. 0.00 min
Lab File: VN060420.D
Acq: 10 Mar 2020 16:31

Tgt Ion:	65	Resp:	133371
Ion	Ratio	Lower	Upper
65	100		
67	52.1	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: VN060420.D

Acq: 10 Mar 2020 16:31

Instrument :

MSVOA_N

ClientSampleId :

PB127392ZHE#15

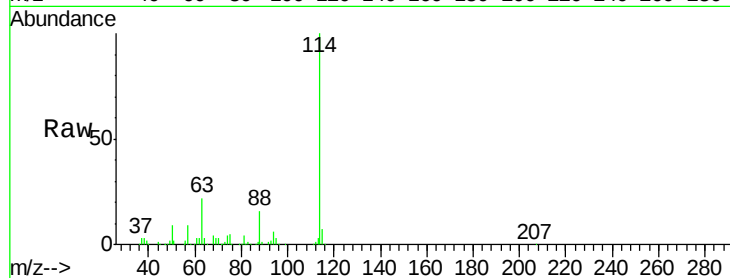
Tot Ion:114 Resp: 339663

Ion Ratio Lower Upper

114 100

63 22.0 0.0 43.2

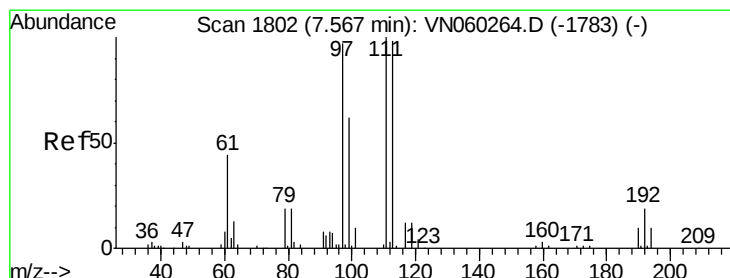
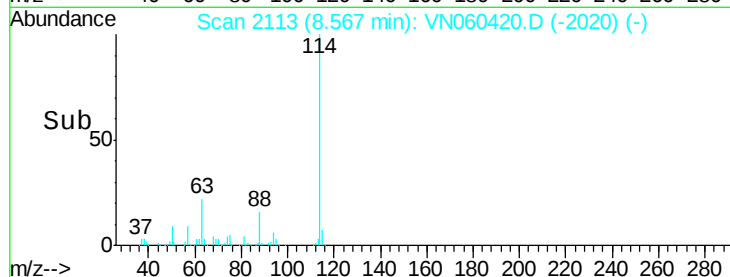
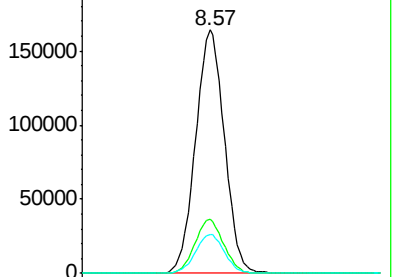
88 16.2 0.0 31.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35

Dibromofluoromethane

Concen: 63.264 ug/l

RT: 7.57 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VN060420.D

Acq: 10 Mar 2020 16:31

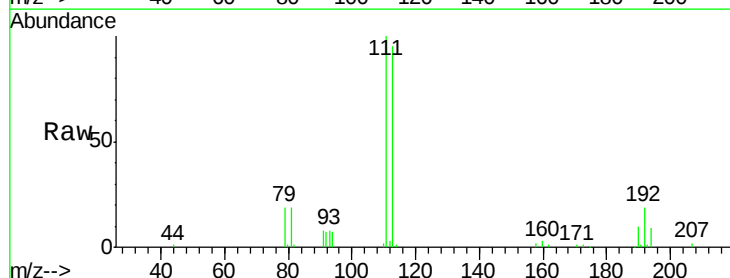
Tgt Ion:113 Resp: 99743

Ion Ratio Lower Upper

113 100

111 103.1 82.4 123.6

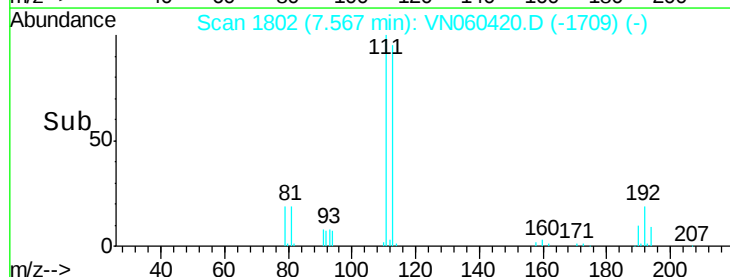
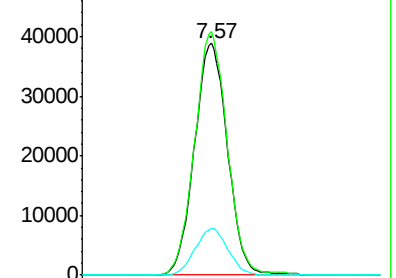
192 19.9 16.2 24.2

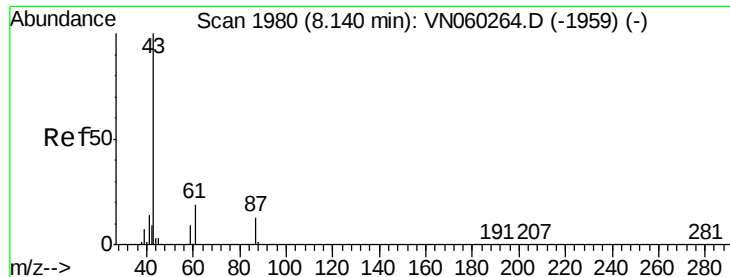


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 10.788 ug/l

RT: 8.14 min Scan# 1980

Delta R.T. 0.00 min

Lab File: VN060420.D

Acq: 10 Mar 2020 16:31

Instrument :

MSVOA_N

ClientSampleId :

PB127392ZHE#15

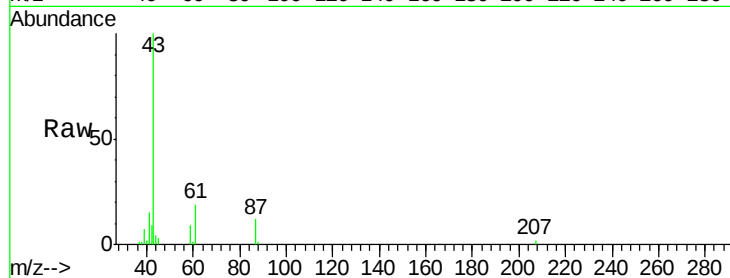
Tot Ion: 43 Resp: 57891

Ion Ratio Lower Upper

43 100

61 19.2 20.9 31.3#

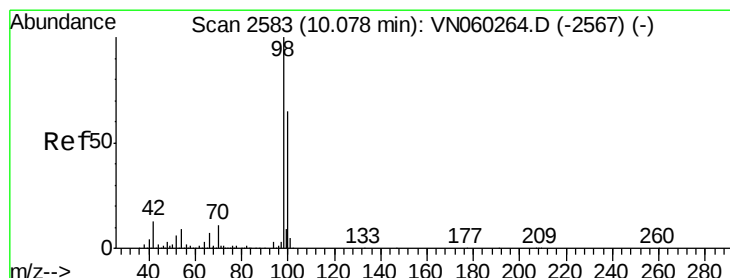
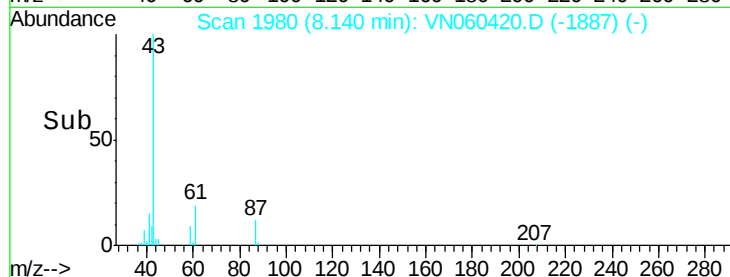
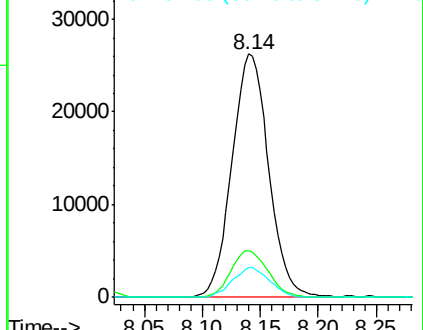
87 12.3 10.6 16.0



Abundance Ion 43.00 (42.70 to 43.70): VN060420.D (-1887) (-)

Ion 61.00 (60.70 to 61.70): VN060420.D (-1887) (-)

Ion 87.00 (86.70 to 87.70): VN060420.D (-1887) (-)



#50

Toluene-d8

Concen: 52.898 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. 0.00 min

Lab File: VN060420.D

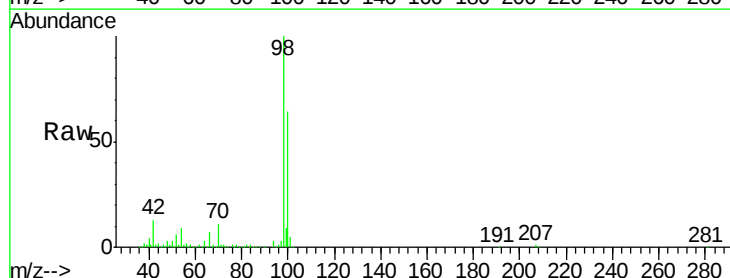
Acq: 10 Mar 2020 16:31

Tgt Ion: 98 Resp: 422097

Ion Ratio Lower Upper

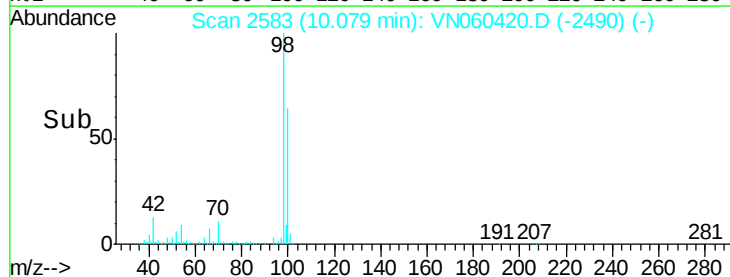
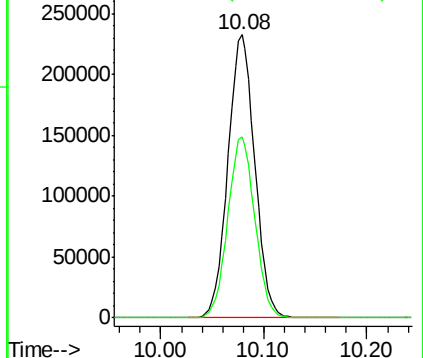
98 100

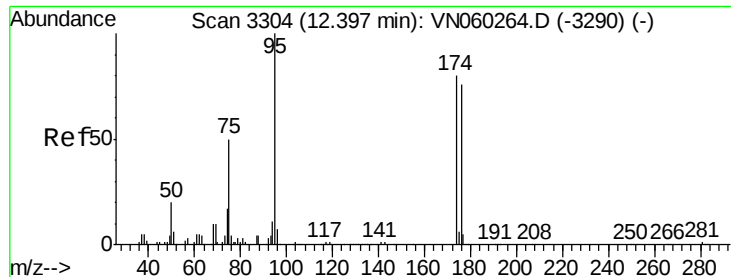
100 64.4 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VN060420.D (-2490) (-)

Ion 100.00 (99.70 to 100.70): VN060420.D (-2490) (-)





#62

4-Bromofluorobenzene

Concen: 51.458 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN060420.D

Acq: 10 Mar 2020 16:31

Instrument :

MSVOA_N

ClientSampleId :

PB127392ZHE#15

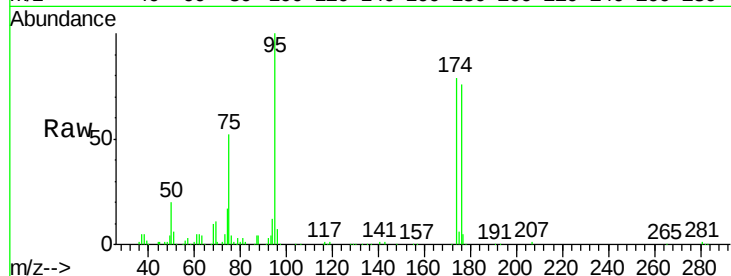
Tot Ion: 95 Resp: 155650

Ion Ratio Lower Upper

95 100

174 79.0 0.0 159.2

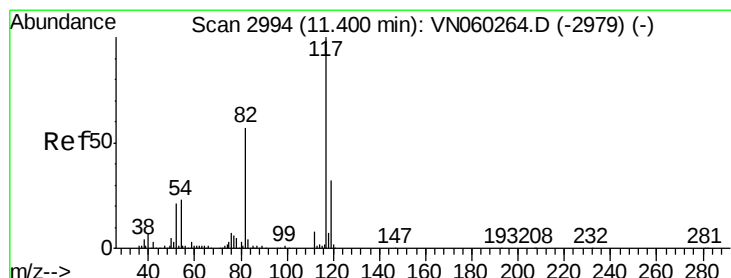
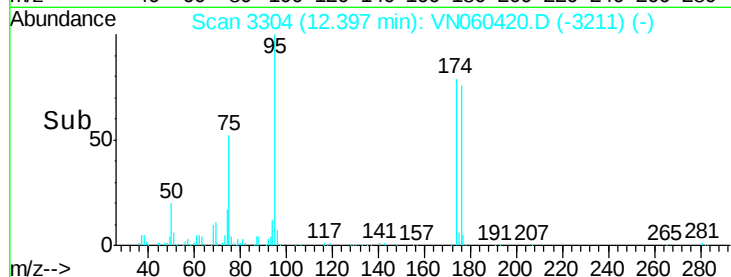
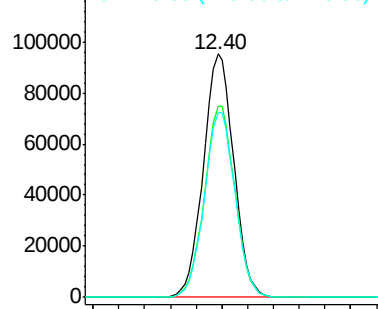
176 77.0 0.0 153.8



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: VN060420.D

Acq: 10 Mar 2020 16:31

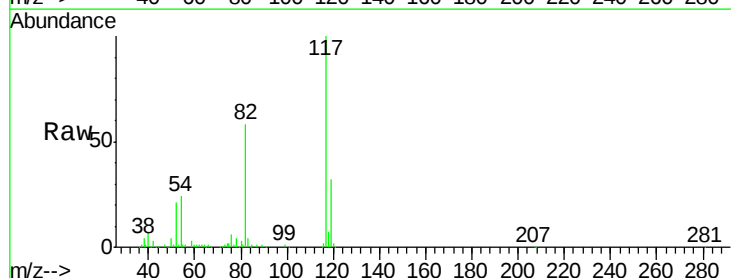
Tgt Ion: 117 Resp: 318949

Ion Ratio Lower Upper

117 100

82 57.9 45.8 68.6

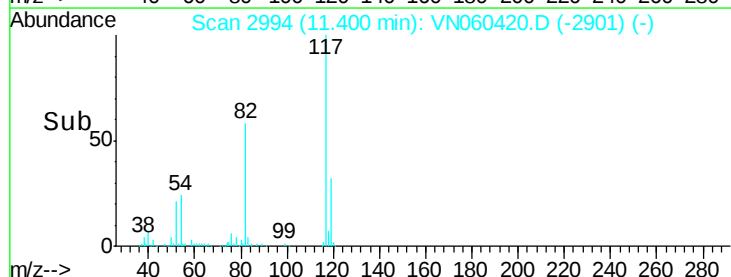
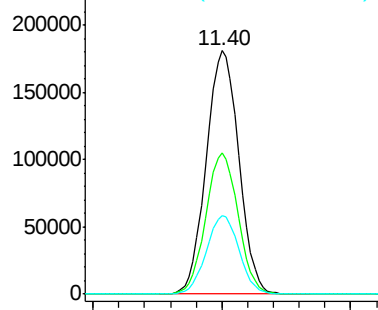
119 32.3 25.8 38.8

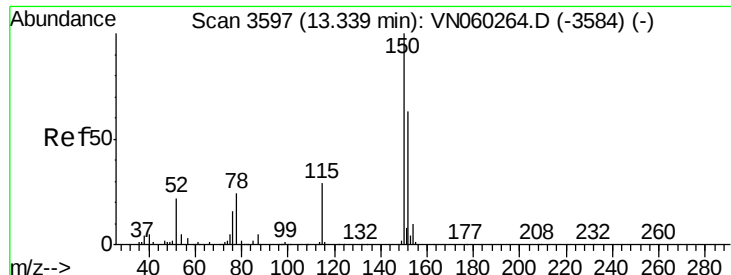


Abundance Ion 116.90 (116.60 to 117.60): VN0

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# 3598

Delta R.T. 0.00 min

Lab File: VN060420.D

Acq: 10 Mar 2020 16:31

Instrument :

MSVOA_N

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PB127392ZHE#15

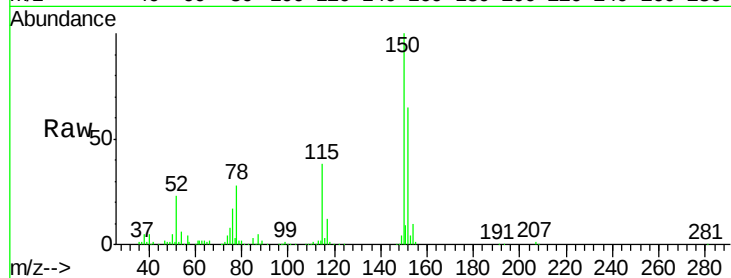
Tot Ion:152 Resp: 146711

Ion Ratio Lower Upper

152 100

115 59.0 30.0 90.0

150 155.0 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

