

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041520\
 Data File : VN060964.D
 Acq On : 15 Apr 2020 16:14
 Operator : JC/MD
 Sample : L2245-17
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-23A

Quant Time: Apr 16 07:33:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 18 08:49:09 2020
 Response via : Initial Calibration

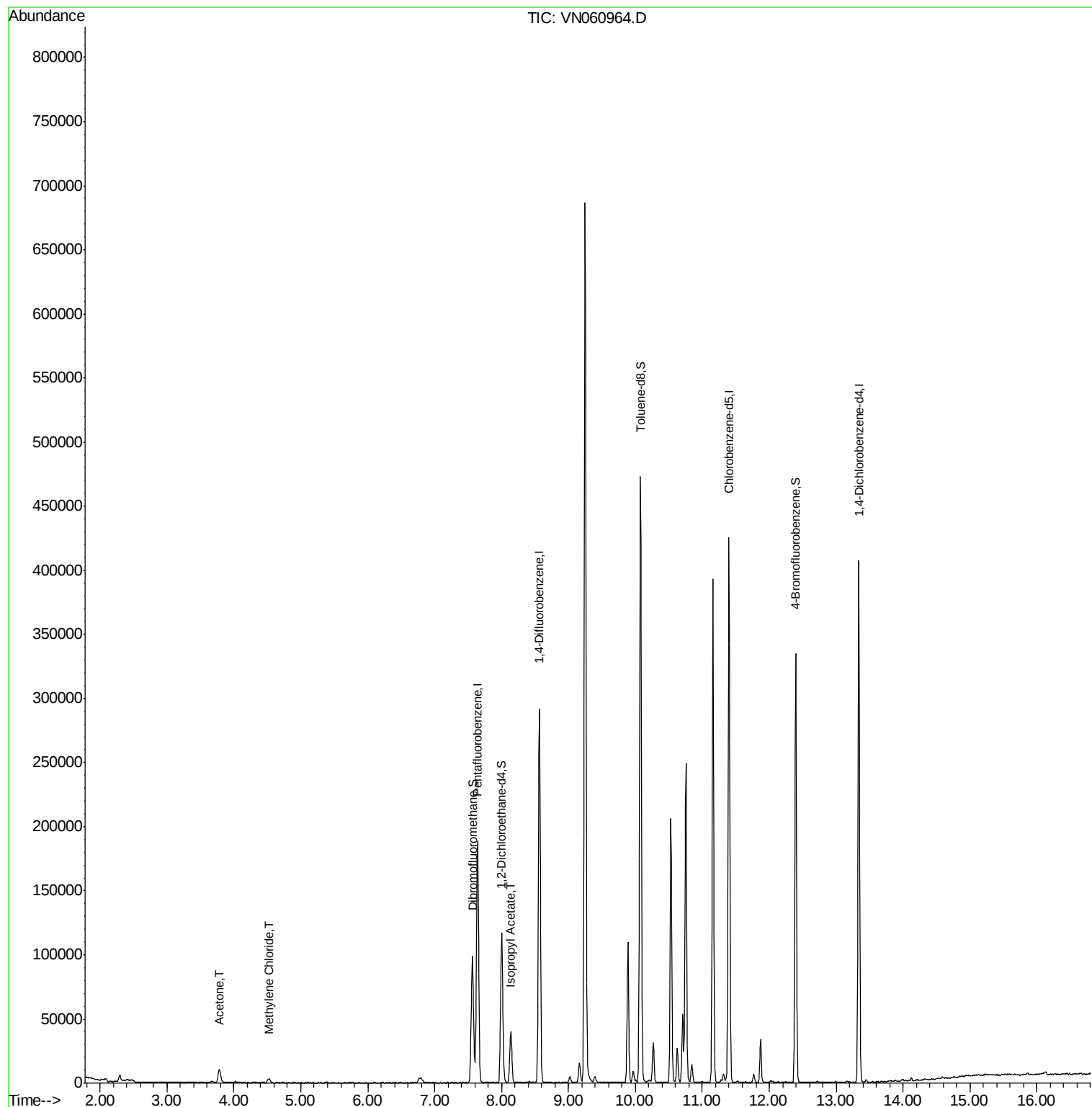
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	152480	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	256813	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	241538	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	105550	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	99645	47.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.20%	
35) Dibromofluoromethane	7.56	113	76665	49.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.74%	
50) Toluene-d8	10.08	98	320317	50.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.00%	
62) 4-Bromofluorobenzene	12.40	95	118361	50.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.84%	
Target Compounds						
16) Acetone	3.78	43	19279	26.002	ug/l	100
20) Methylene Chloride	4.52	84	2497	1.369	ug/l	89
43) Isopropyl Acetate	8.14	43	48376	10.917	ug/l #	91

(#) = 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: VN060964.D

Acq: 15 Apr 2020 16:14

Instrument :

MSVOA_N

ClientSampled :

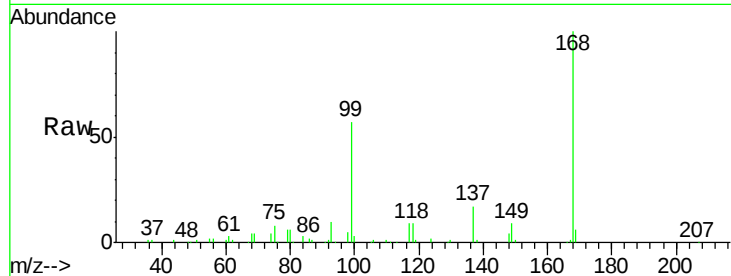
TP-23A

Tot Ion:168 Resp: 152480

Ion Ratio Lower Upper

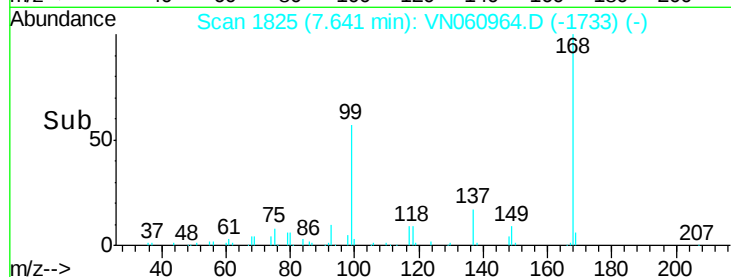
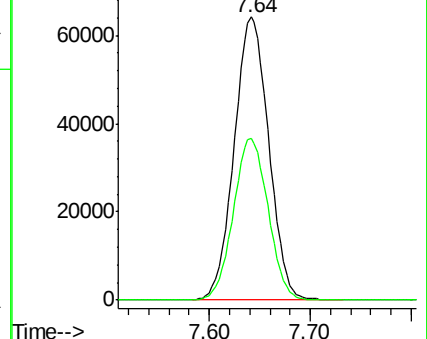
168 100

99 57.3 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 26.002 ug/l

RT: 3.78 min Scan# 625

Delta R.T. 0.00 min

Lab File: VN060964.D

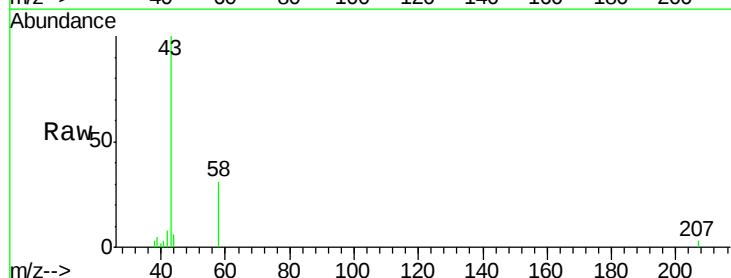
Acq: 15 Apr 2020 16:14

Tgt Ion: 43 Resp: 19279

Ion Ratio Lower Upper

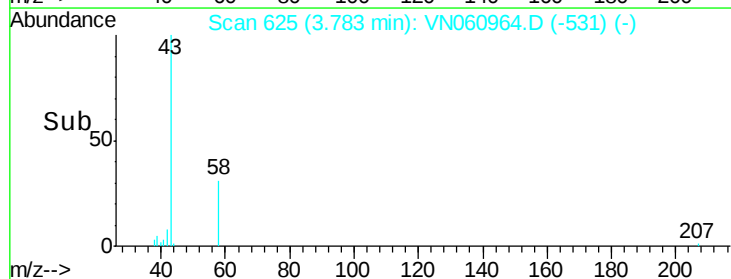
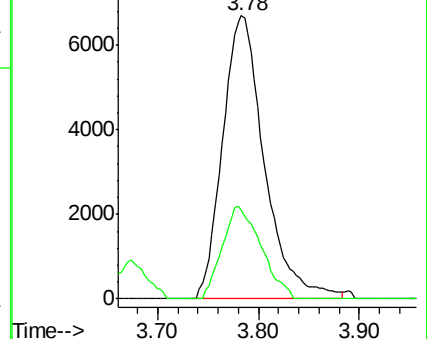
43 100

58 31.3 25.1 37.7



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

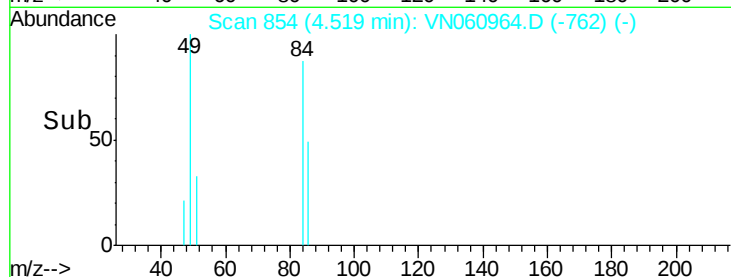
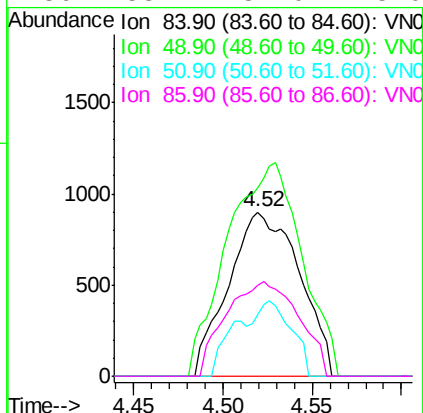
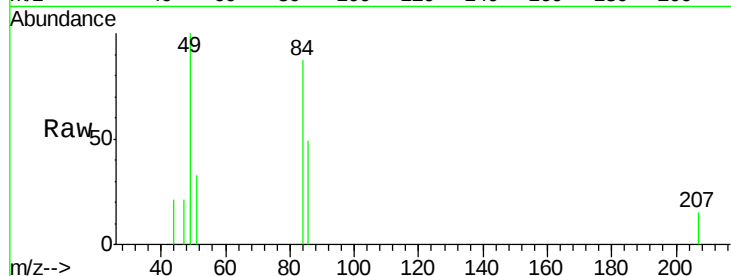




#20
Methylene Chloride
Concen: 1.369 ug/l
RT: 4.52 min Scan# 854
Delta R.T. -0.00 min
Lab File: VN060964.D
Acq: 15 Apr 2020 16:14

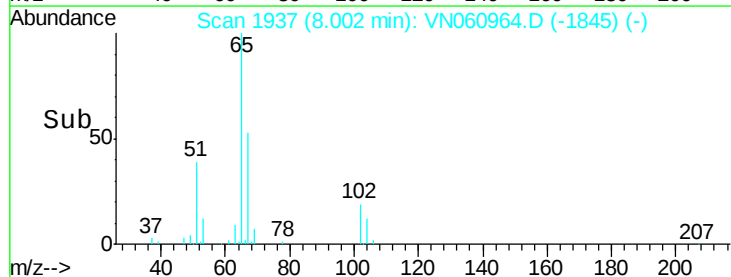
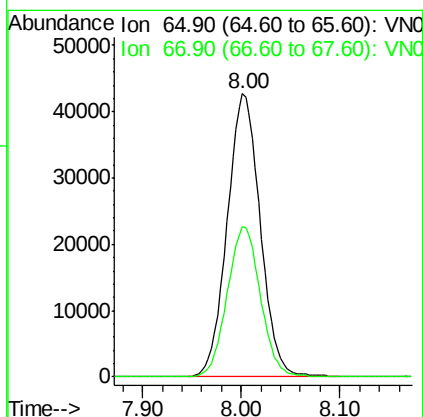
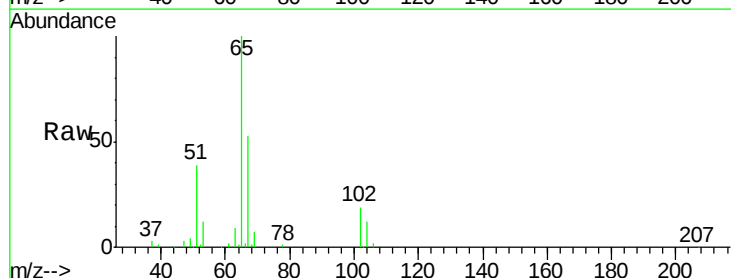
Instrument :
MSVOA_N
ClientSampled :
TP-23A

Tot Ion: 84 Resp: 2497
Ion Ratio Lower Upper
84 100
49 114.8 103.3 154.9
51 37.4 31.6 47.4
86 55.7 52.0 78.0



#33
1,2-Dichloroethane-d4
Concen: 47.604 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN060964.D
Acq: 15 Apr 2020 16:14

Tgt Ion: 65 Resp: 99645
Ion Ratio Lower Upper
65 100
67 53.3 0.0 107.6

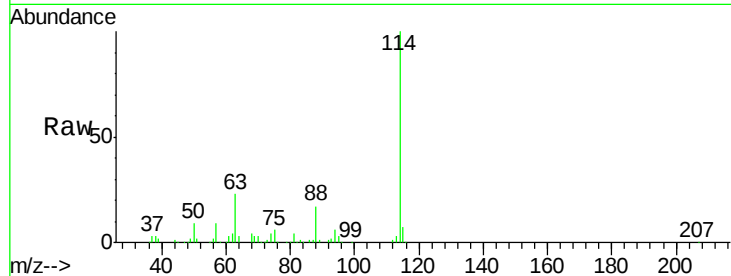




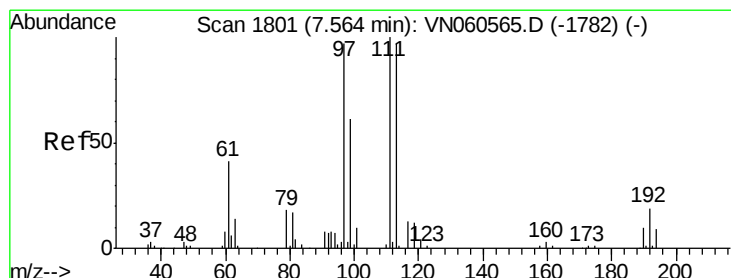
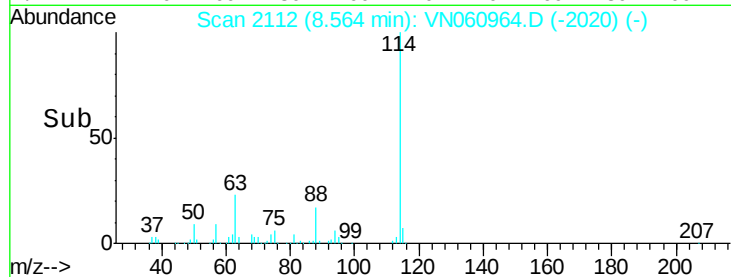
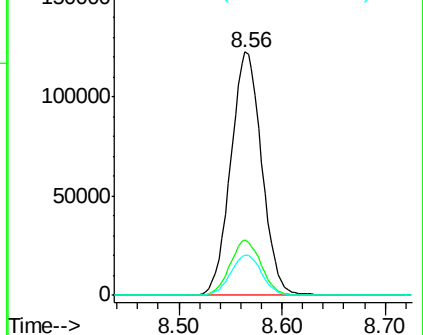
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.56 min Scan# 2112
 Delta R.T. -0.00 min
 Lab File: VN060964.D
 Acq: 15 Apr 2020 16:14

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-23A

Tot Ion:114 Resp: 256813
 Ion Ratio Lower Upper
 114 100
 63 22.7 0.0 43.8
 88 16.7 0.0 33.0

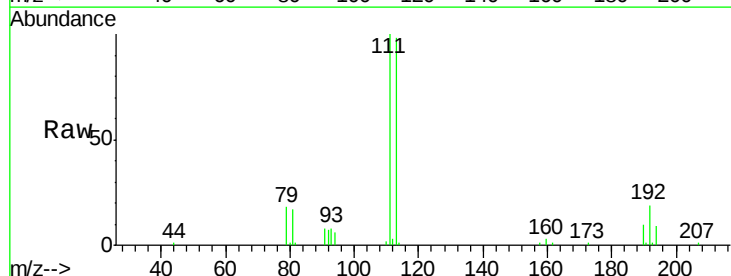


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

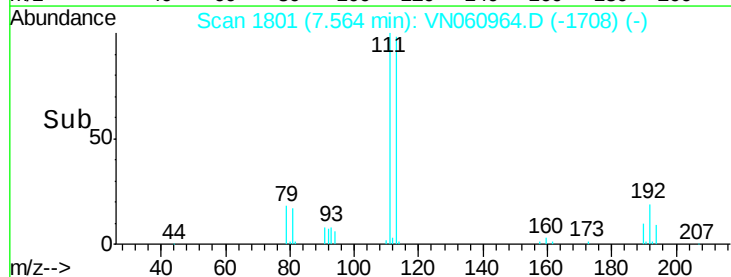
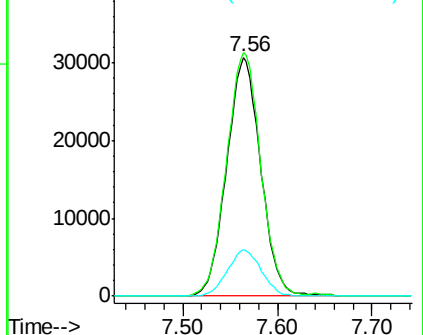


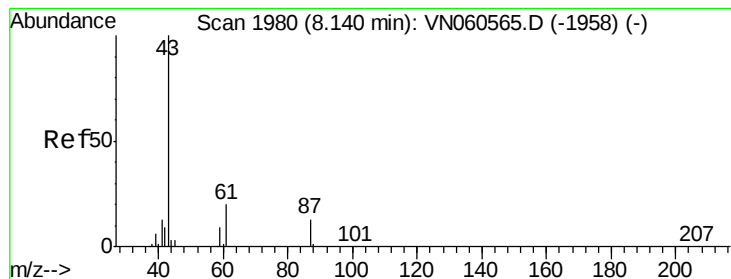
#35
 Dibromofluoromethane
 Concen: 49.370 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. 0.00 min
 Lab File: VN060964.D
 Acq: 15 Apr 2020 16:14

Tgt Ion:113 Resp: 76665
 Ion Ratio Lower Upper
 113 100
 111 102.6 82.9 124.3
 192 19.2 15.8 23.8



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: 10.917 ug/l

RT: 8.14 min Scan# 1980

Delta R.T. 0.00 min

Lab File: VN060964.D

Acq: 15 Apr 2020 16:14

Instrument :

MSVOA_N

ClientSampleId :

TP-23A

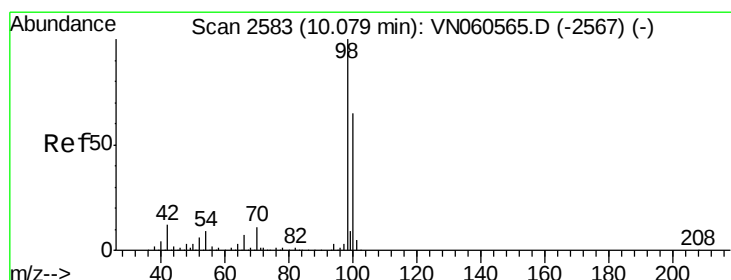
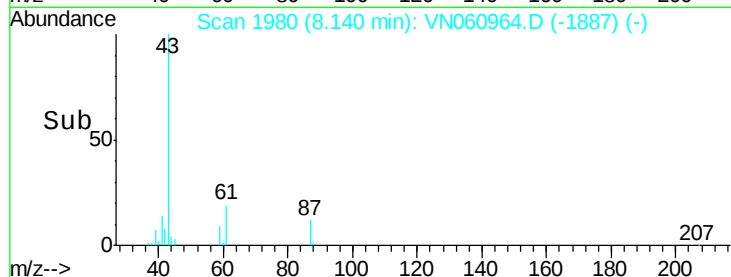
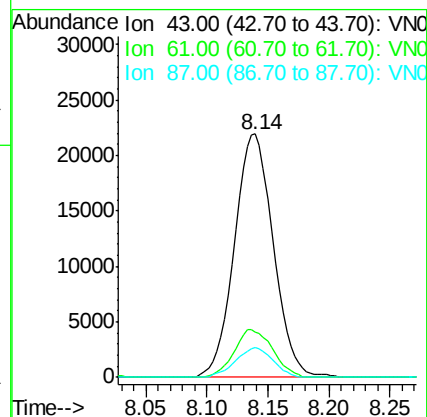
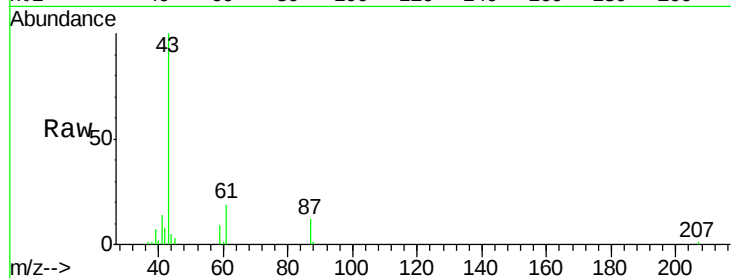
Tot Ion: 43 Resp: 48376

Ion Ratio Lower Upper

43 100

61 19.5 20.7 31.1#

87 11.7 9.8 14.8



#50

Toluene-d8

Concen: 50.500 ug/l

RT: 10.08 min Scan# 2582

Delta R.T. -0.00 min

Lab File: VN060964.D

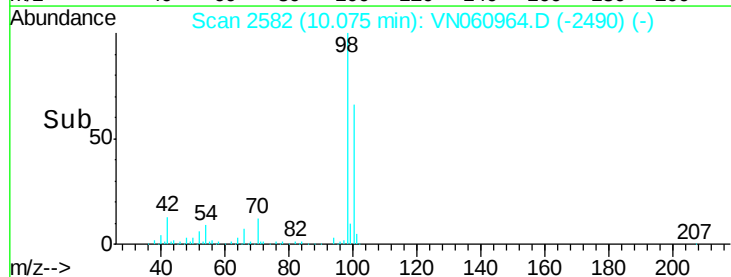
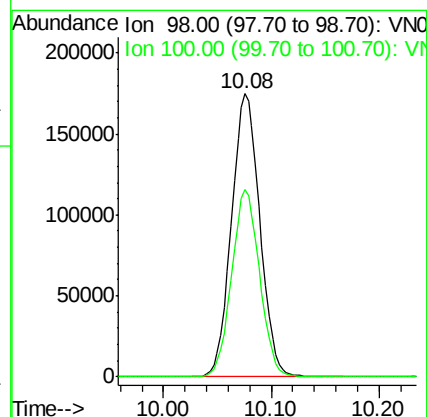
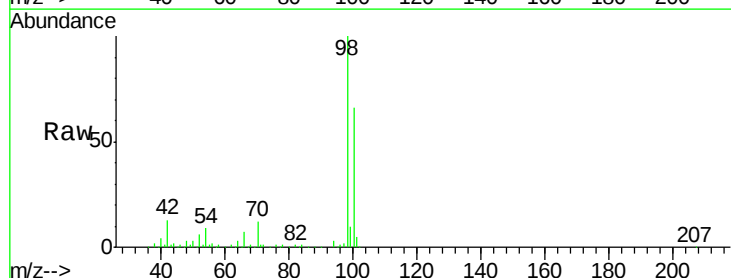
Acq: 15 Apr 2020 16:14

Tgt Ion: 98 Resp: 320317

Ion Ratio Lower Upper

98 100

100 65.1 51.8 77.8





#62

4-Bromofluorobenzene

Concen: 50.917 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN060964.D

Acq: 15 Apr 2020 16:14

Instrument :

MSVOA_N

ClientSampled :

TP-23A

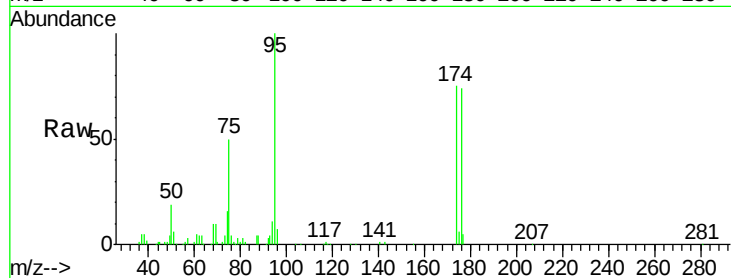
Tot Ion: 95 Resp: 118361

Ion Ratio Lower Upper

95 100

174 75.9 0.0 157.6

176 74.1 0.0 150.6

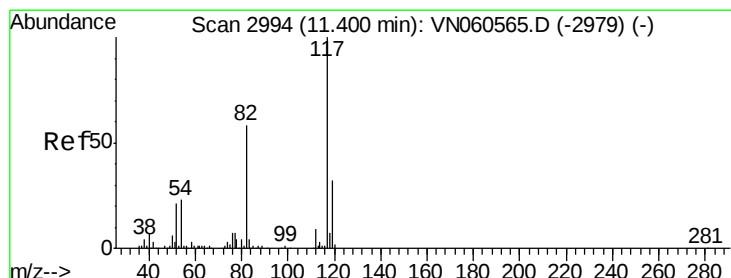
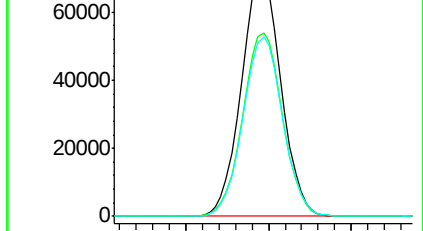
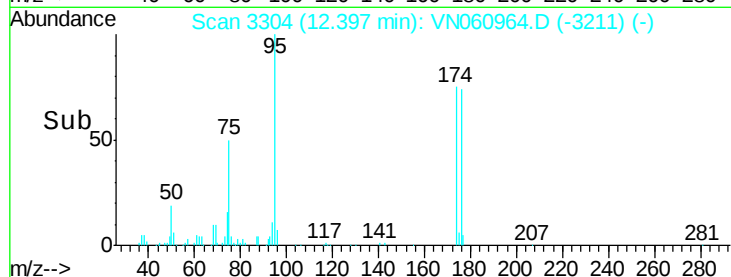


Abundance Ion 94.90 (94.60 to 95.60): VN060964.D (-3290) (-)

Ion 173.80 (173.50 to 174.50): VN060964.D (-3290) (-)

Ion 175.80 (175.50 to 176.50): VN060964.D (-3290) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2993

Delta R.T. -0.00 min

Lab File: VN060964.D

Acq: 15 Apr 2020 16:14

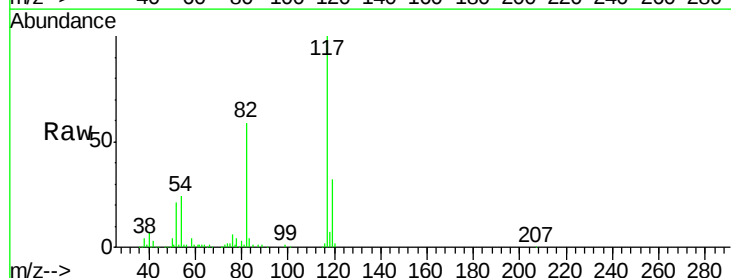
Tgt Ion: 117 Resp: 241538

Ion Ratio Lower Upper

117 100

82 58.6 46.7 70.1

119 31.6 25.5 38.3

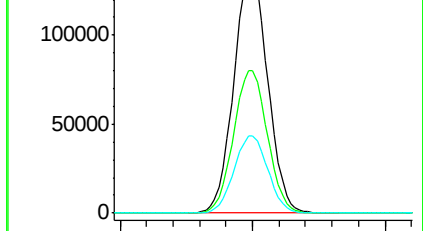
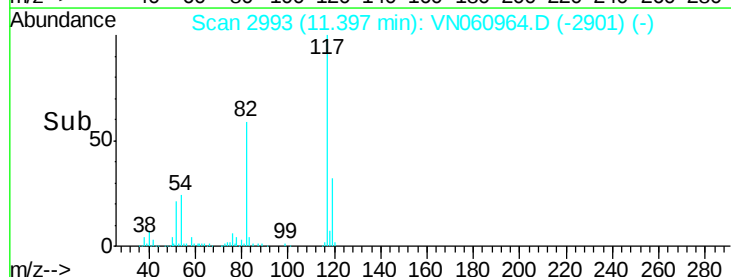


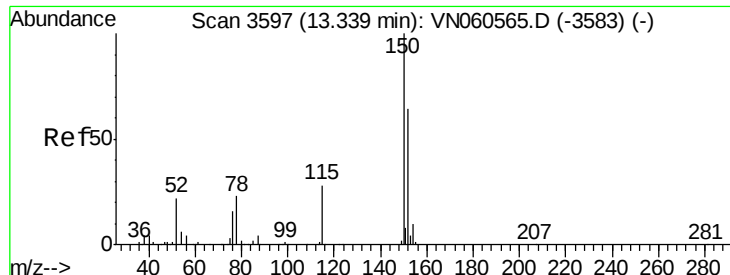
Abundance Ion 116.90 (116.60 to 117.60): VN060964.D (-2979) (-)

Ion 82.00 (81.70 to 82.70): VN060964.D (-2979) (-)

Ion 118.90 (118.60 to 119.60): VN060964.D (-2979) (-)

Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. 0.00 min

Lab File: VN060964.D

Acq: 15 Apr 2020 16:14

Instrument :

MSVOA_N

ClientSampleId :

TP-23A

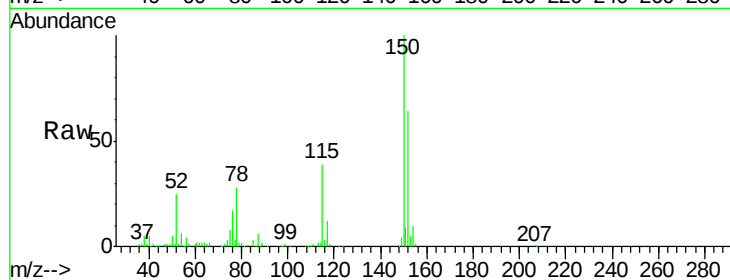
Tot Ion:152 Resp: 105550

Ion Ratio Lower Upper

152 100

115 62.0 30.2 90.6

150 158.1 0.0 350.2



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

