

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031020\
 Data File : VN060430.D
 Acq On : 10 Mar 2020 20:18
 Operator : JC/MD
 Sample : L1852-16
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-3-S

Quant Time: Mar 11 07:48:47 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

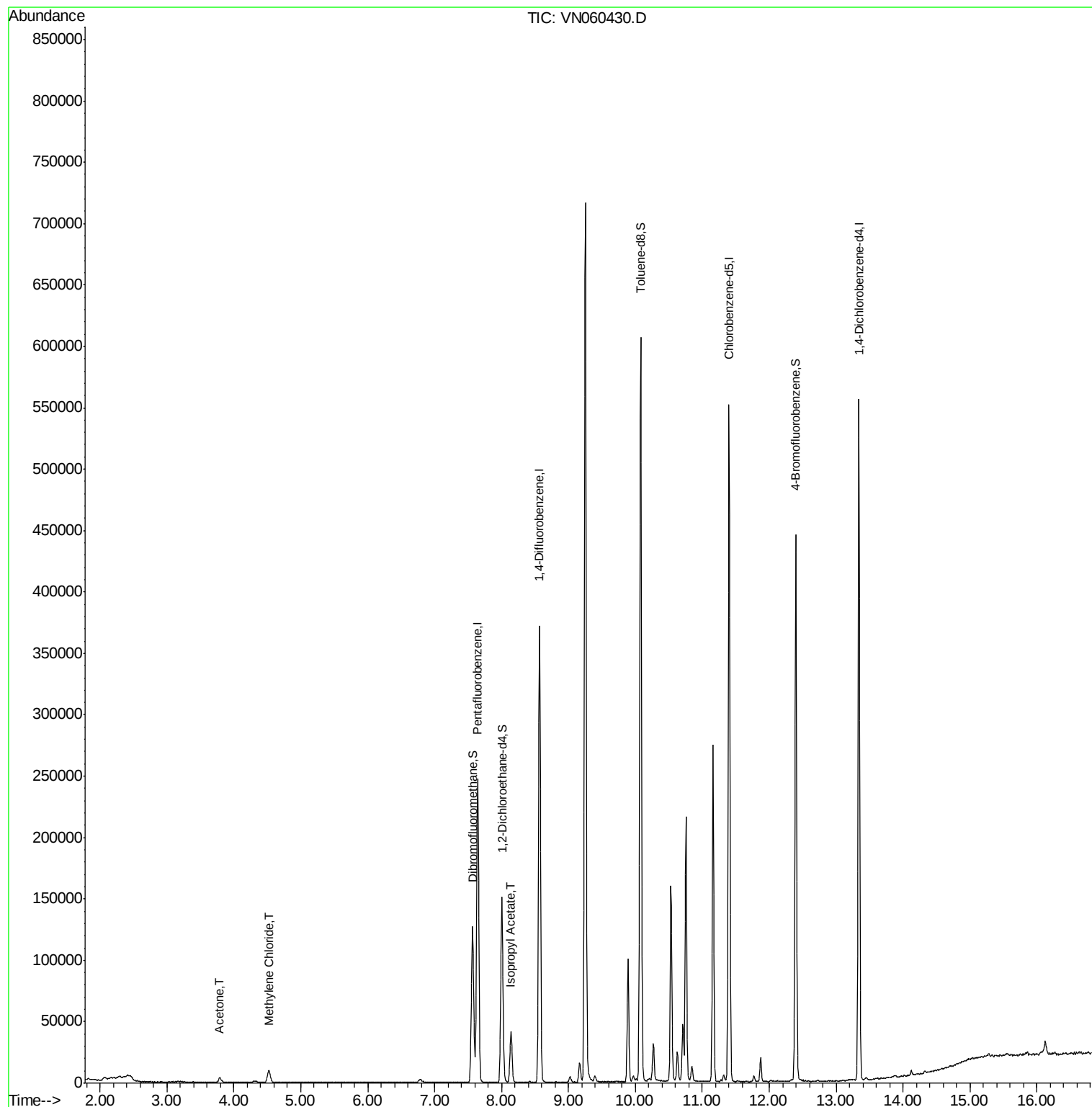
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	200645	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	327332	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	311234	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	145699	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	128867	50.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.12%	
35) Dibromofluoromethane	7.57	113	96799	63.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	127.42%	
50) Toluene-d8	10.08	98	408677	53.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.30%	
62) 4-Bromofluorobenzene	12.40	95	152455	52.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.60%	
Target Compounds						
16) Acetone	3.79	43	7470	8.986	ug/l	98
20) Methylene Chloride	4.52	84	7710	3.377	ug/l	95
43) Isopropyl Acetate	8.14	43	49126	9.500	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: VN060430.D

Acq: 10 Mar 2020 20:18

Instrument :

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ClientSampleId :

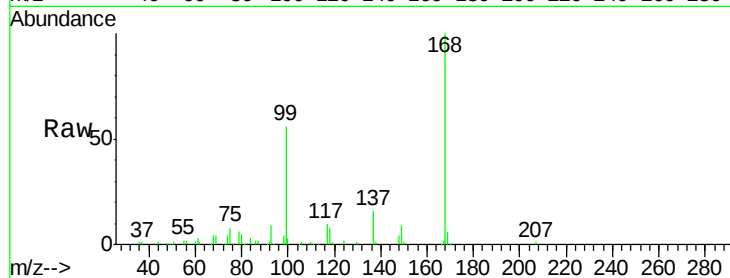
TP-3-S

Tot Ion:168 Resp: 200645

Ion Ratio Lower Upper

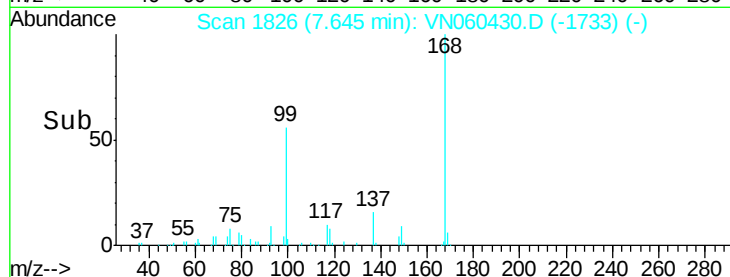
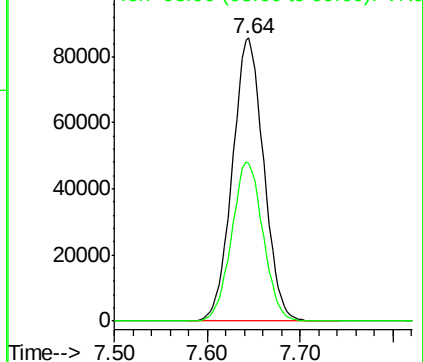
168 100

99 55.9 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: 8.986 ug/l

RT: 3.79 min Scan# 626

Delta R.T. 0.01 min

Lab File: VN060430.D

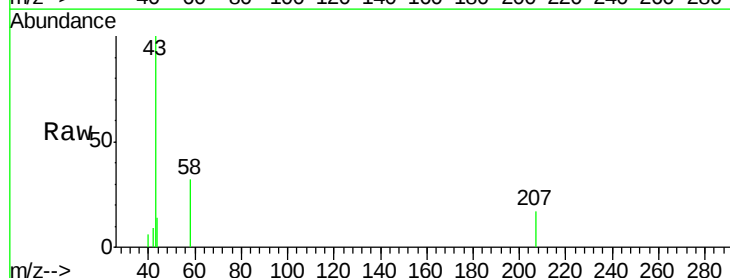
Acq: 10 Mar 2020 20:18

Tgt Ion: 43 Resp: 7470

Ion Ratio Lower Upper

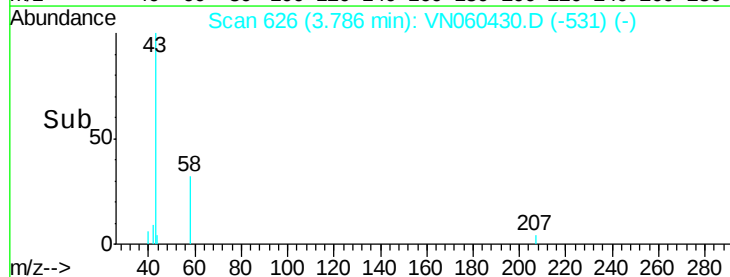
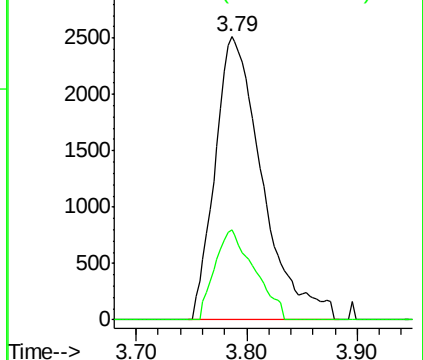
43 100

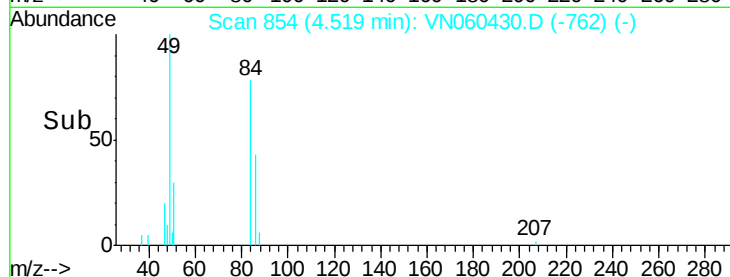
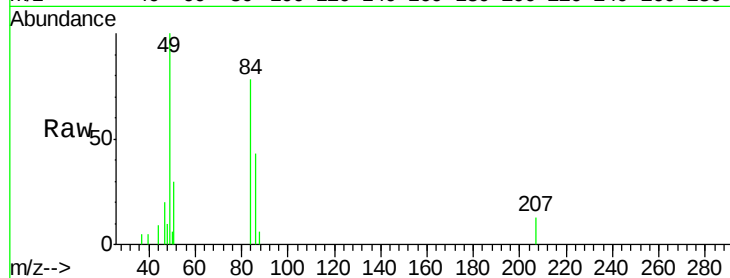
58 31.8 24.6 36.8



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

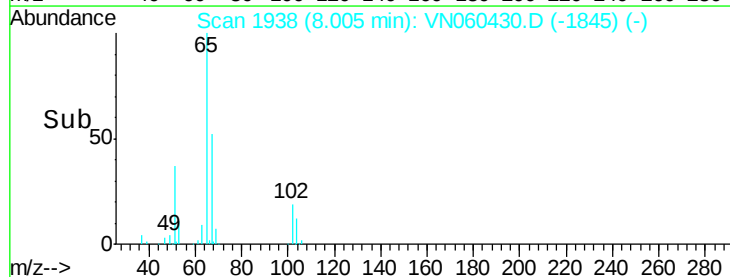
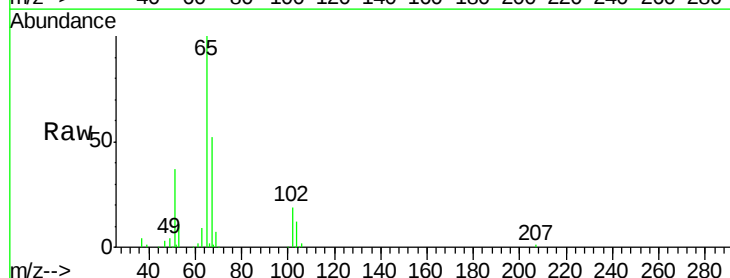
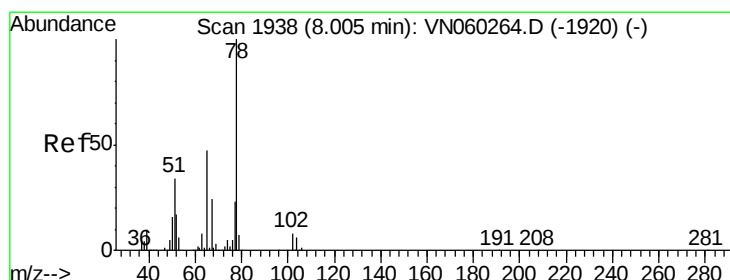
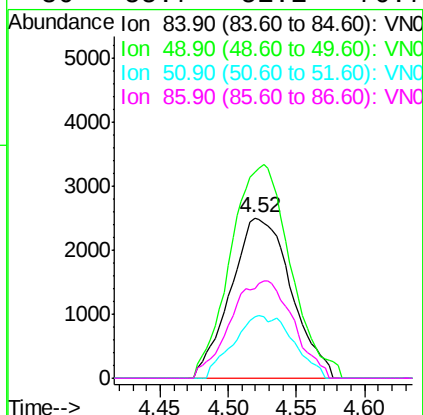




#20
Methvlene Chloride
Concen: 3.377 ug/l
RT: 4.52 min Scan# 854
Delta R.T. -0.00 min
Lab File: VN060430.D
Acq: 10 Mar 2020 20:18

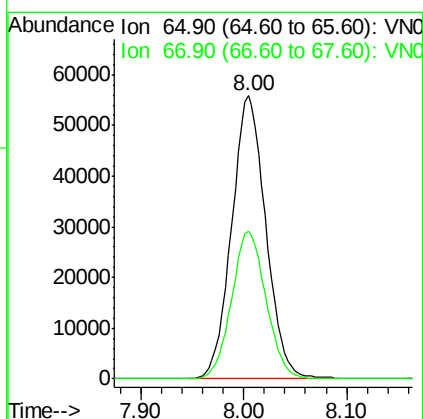
Instrument :
MSVOA_N
ClientSampled :
TP-3-S

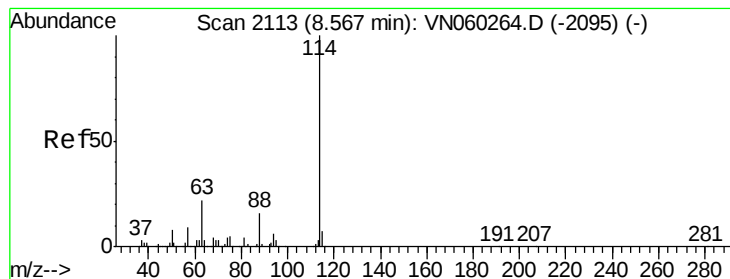
Tot Ion:	84	Resp:	7710
Ion	Ratio	Lower	Upper
84	100		
49	128.4	99.3	148.9
51	38.6	30.1	45.1
86	55.7	51.1	76.7



#33
1,2-Dichloroethane-d4
Concen: 50.059 ug/l
RT: 8.00 min Scan# 1938
Delta R.T. 0.00 min
Lab File: VN060430.D
Acq: 10 Mar 2020 20:18

Tgt Ion:	65	Resp:	128867
Ion	Ratio	Lower	Upper
65	100		
67	52.7	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: VN060430.D

Acq: 10 Mar 2020 20:18

Instrument :

MSVOA_N

ClientSampleId :

TP-3-S

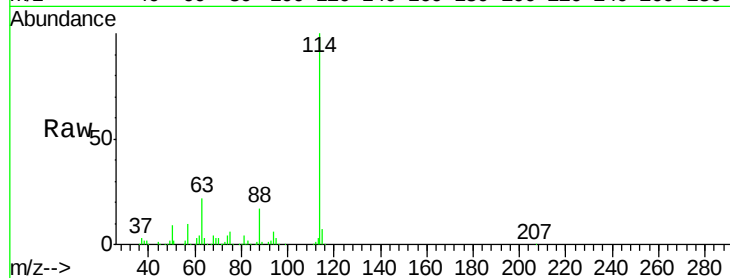
Tot Ion:114 Resp: 327332

Ion Ratio Lower Upper

114 100

63 22.1 0.0 43.2

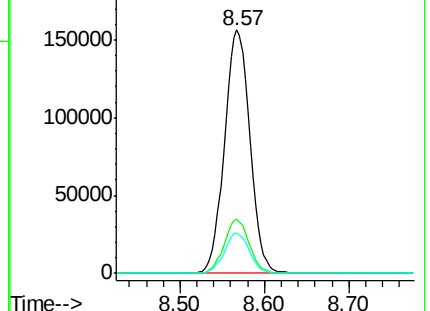
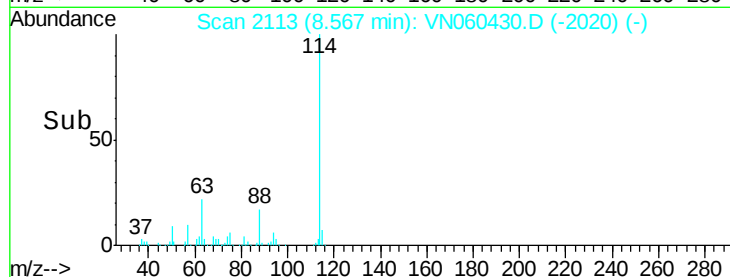
88 16.5 0.0 31.6



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: 63.710 ug/l

RT: 7.57 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VN060430.D

Acq: 10 Mar 2020 20:18

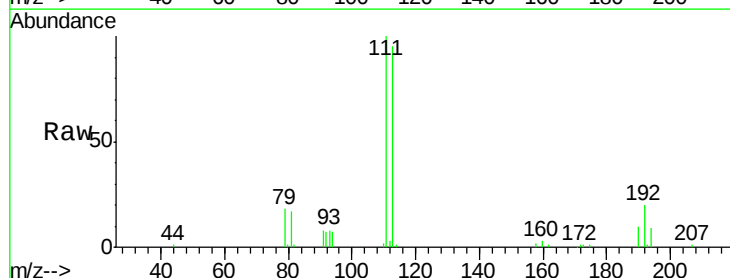
Tgt Ion:113 Resp: 96799

Ion Ratio Lower Upper

113 100

111 103.2 82.4 123.6

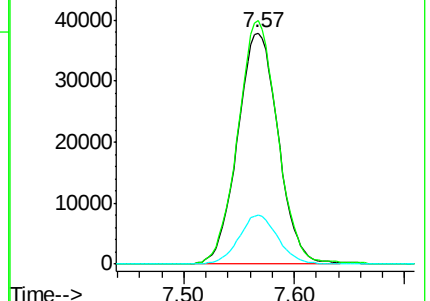
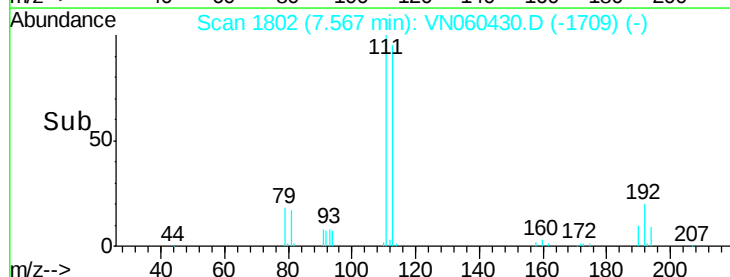
192 20.3 16.2 24.2



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: 9.500 ug/l

RT: 8.14 min Scan# 1980

Delta R.T. 0.00 min

Lab File: VN060430.D

Acq: 10 Mar 2020 20:18

Instrument :

MSVOA_N

ClientSampleId :

TP-3-S

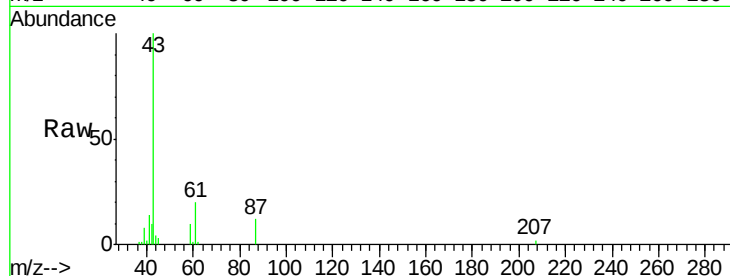
Tot Ion: 43 Resp: 49126

Ion Ratio Lower Upper

43 100

61 19.6 20.9 31.3#

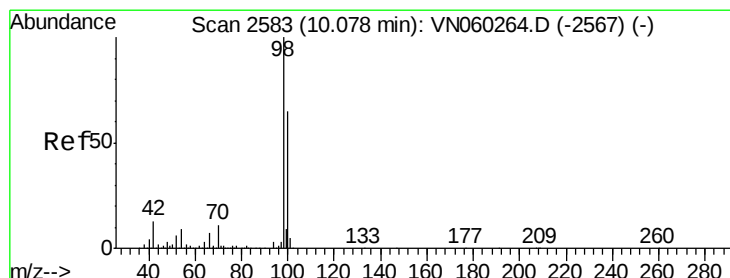
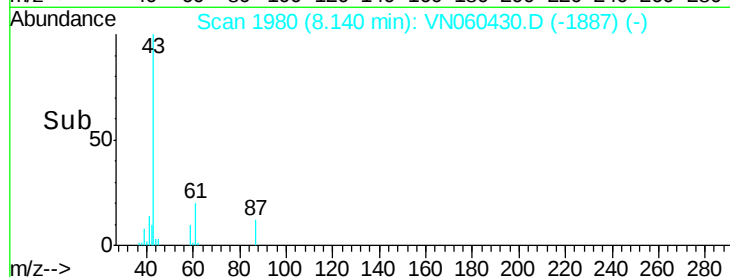
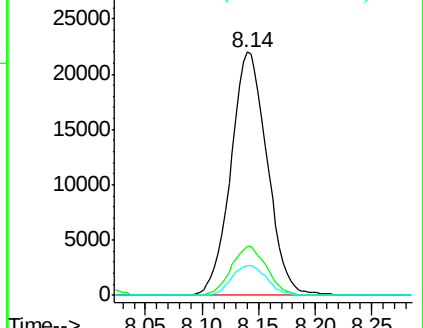
87 11.9 10.6 16.0



Abundance Ion 43.00 (42.70 to 43.70): VN060430.D (-1887) (-)

Ion 61.00 (60.70 to 61.70): VN060430.D (-1887) (-)

Ion 87.00 (86.70 to 87.70): VN060430.D (-1887) (-)



#50

Toluene-d8

Concen: 53.146 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. 0.00 min

Lab File: VN060430.D

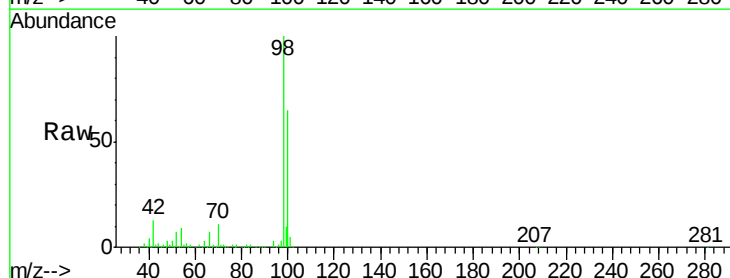
Acq: 10 Mar 2020 20:18

Tgt Ion: 98 Resp: 408677

Ion Ratio Lower Upper

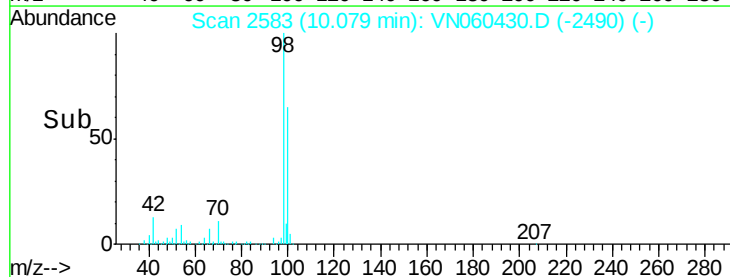
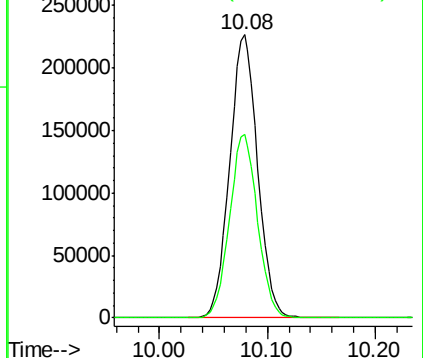
98 100

100 64.9 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VN060430.D (-2490) (-)

Ion 100.00 (99.70 to 100.70): VN060430.D (-2490) (-)





#62

4-Bromofluorobenzene

Concen: 52.300 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN060430.D

Acq: 10 Mar 2020 20:18

Instrument :

MSVOA_N

ClientSampleId :

TP-3-S

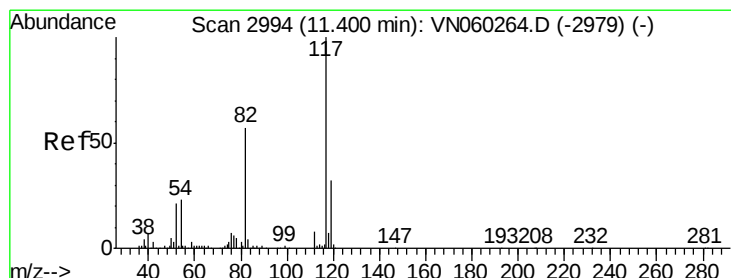
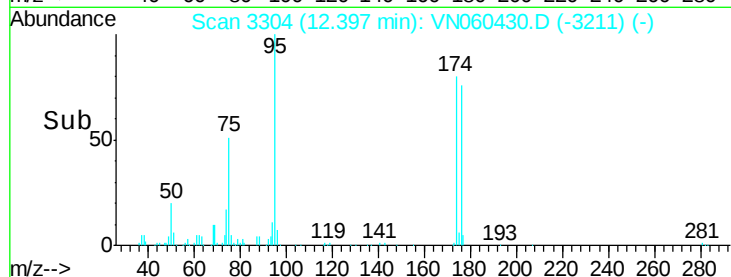
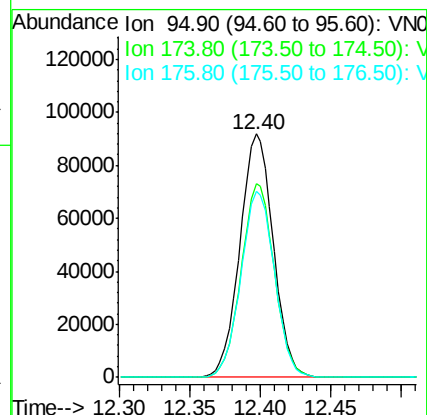
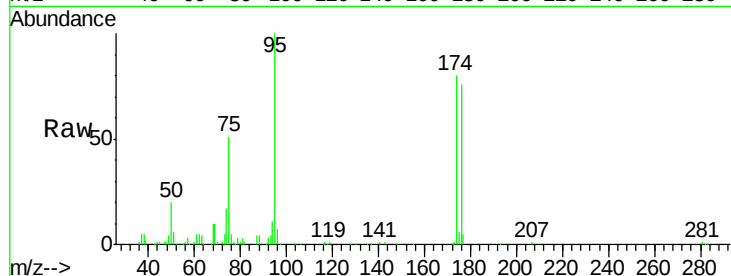
Tot Ion: 95 Resp: 152455

Ion Ratio Lower Upper

95 100

174 79.4 0.0 159.2

176 77.2 0.0 153.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. 0.00 min

Lab File: VN060430.D

Acq: 10 Mar 2020 20:18

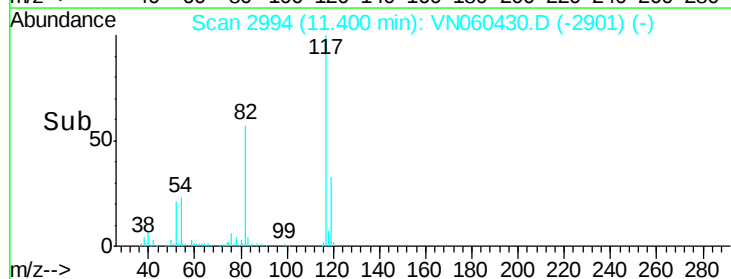
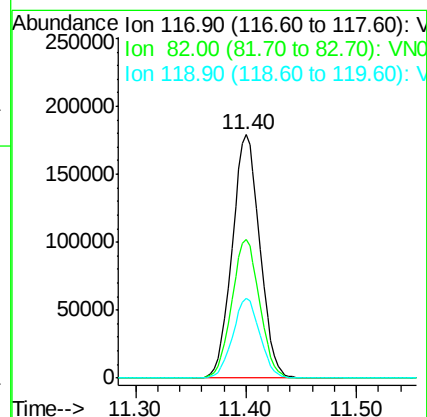
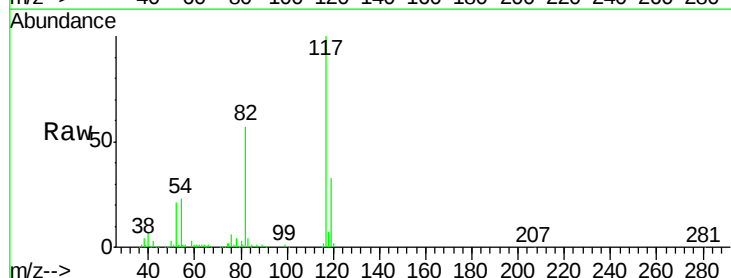
Tgt Ion: 117 Resp: 311234

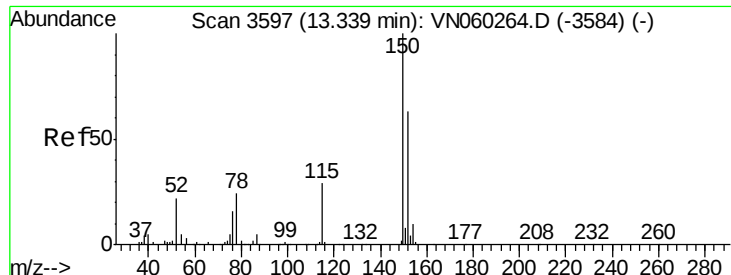
Ion Ratio Lower Upper

117 100

82 57.1 45.8 68.6

119 32.9 25.8 38.8

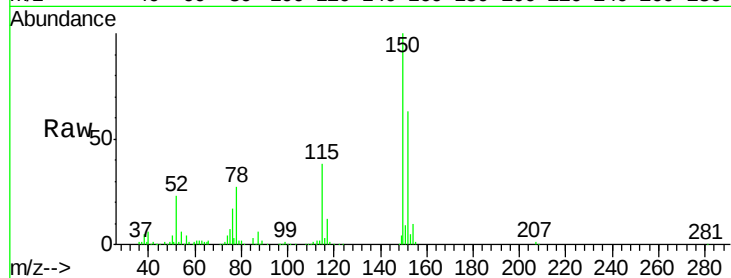




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. 0.00 min
 Lab File: VN060430.D
 Acq: 10 Mar 2020 20:18

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-3-S

Tot Ion	Ratio	Lower	Upper
152	100		
115	59.5	30.0	90.0
150	157.3	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

