

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041520\
 Data File : VN060963.D
 Acq On : 15 Apr 2020 15:52
 Operator : JC/MD
 Sample : L2245-13
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-23B

Quant Time: Apr 16 07:31:55 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

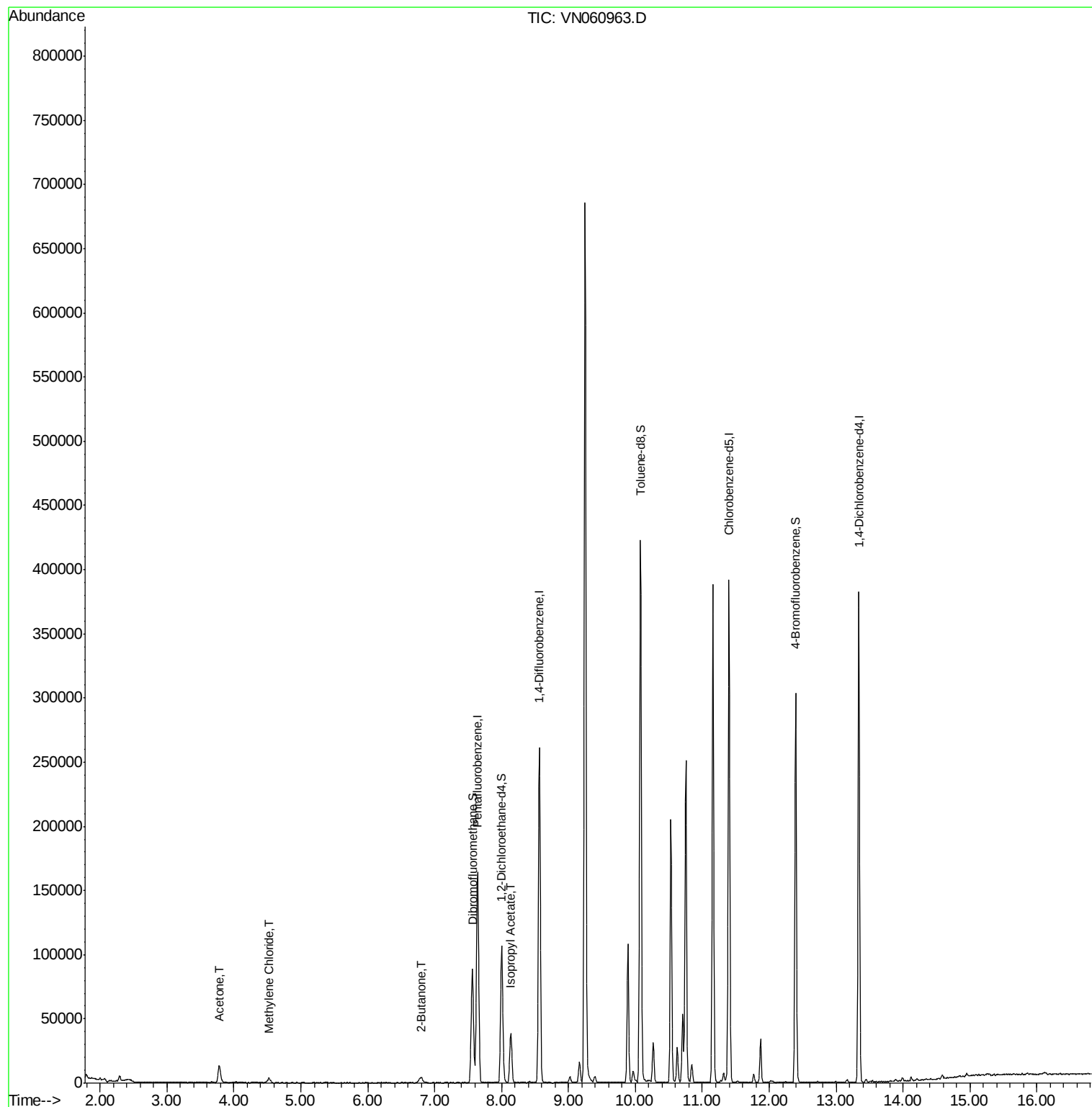
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	134857	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	227920	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	218243	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	97479	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	90890	49.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.20%	
35) Dibromofluoromethane	7.56	113	68278	49.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.08%	
50) Toluene-d8	10.08	98	288195	51.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.40%	
62) 4-Bromofluorobenzene	12.39	95	108045	52.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.74%	
Target Compounds						
16) Acetone	3.78	43	24083	36.725	ug/l	97
20) Methylene Chloride	4.52	84	2819	1.748	ug/l	87
25) 2-Butanone	6.81	43	7139	6.728	ug/l	96
43) Isopropyl Acetate	8.14	43	47992	12.203	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# 1825

Delta R.T. -0.00 min

Lab File: VN060963.D

Acq: 15 Apr 2020 15:52

Instrument :

MSVOA_N

ClientSampled :

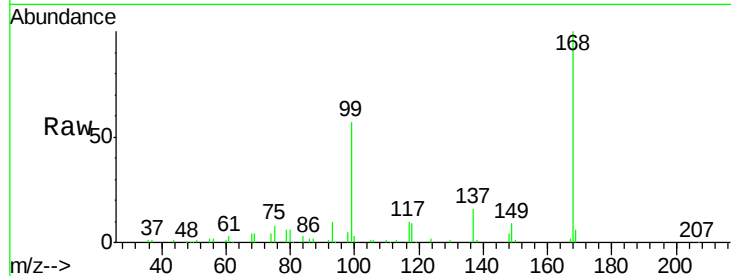
TP-23B

Tot Ion:168 Resp: 134857

Ion Ratio Lower Upper

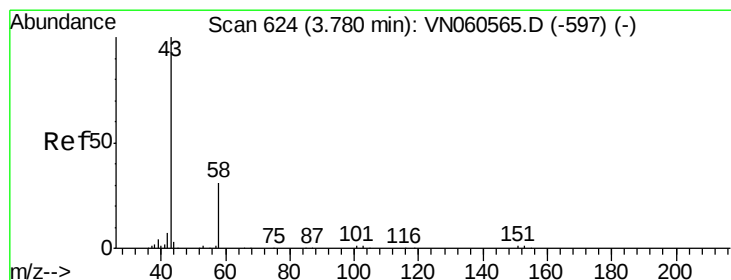
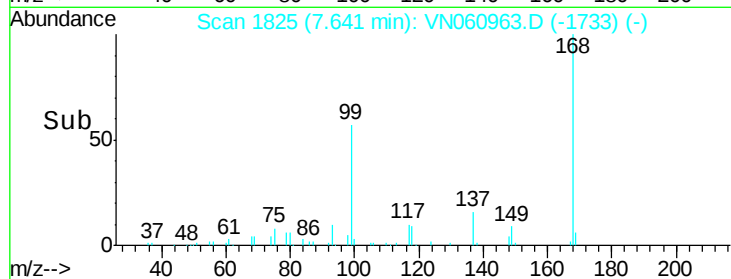
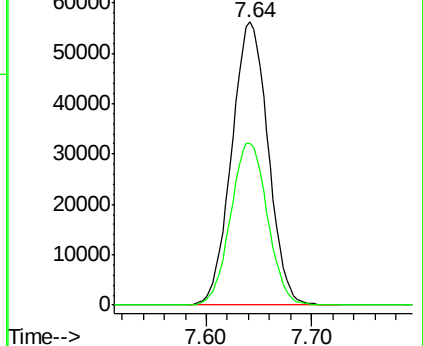
168 100

99 57.2 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: 36.725 ug/l

RT: 3.78 min Scan# 624

Delta R.T. -0.00 min

Lab File: VN060963.D

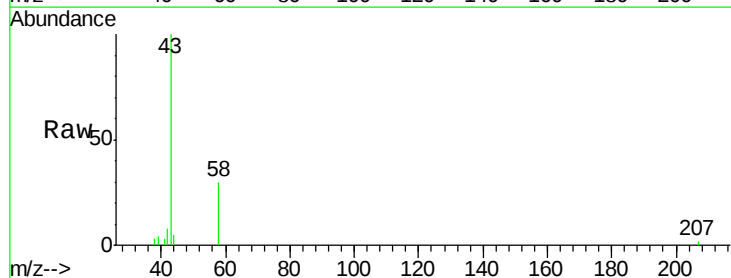
Acq: 15 Apr 2020 15:52

Tgt Ion: 43 Resp: 24083

Ion Ratio Lower Upper

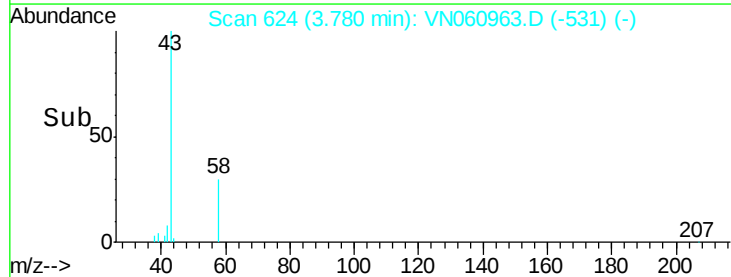
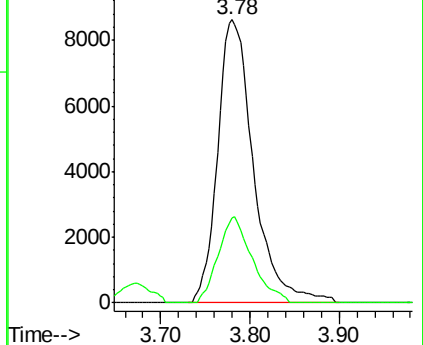
43 100

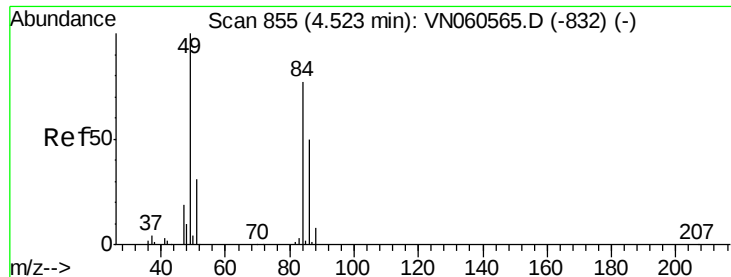
58 30.0 25.1 37.7



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO





#20

Methylene Chloride

Concen: 1.748 ug/l

RT: 4.52 min Scan# 854

Delta R.T. -0.00 min

Lab File: VN060963.D

Acq: 15 Apr 2020 15:52

Instrument :

MSVOA_N

ClientSampleId :

TP-23B

Tot Ion: 84 Resp: 2819

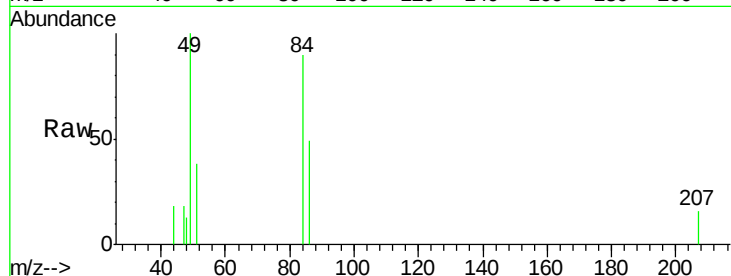
Ion Ratio Lower Upper

84 100

49 111.6 103.3 154.9

51 42.0 31.6 47.4

86 55.1 52.0 78.0

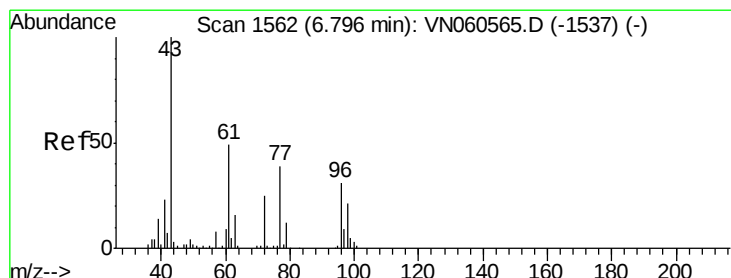
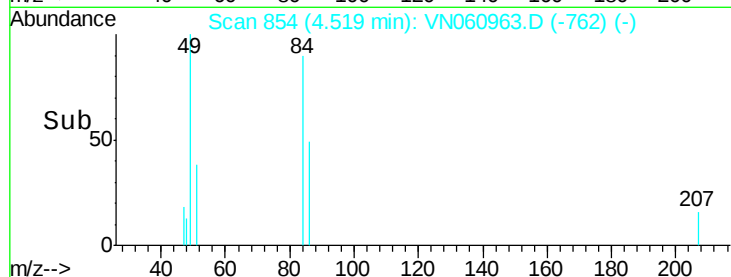
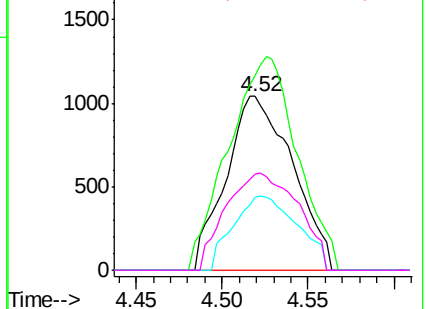


Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0



#25

2-Butanone

Concen: 6.728 ug/l

RT: 6.81 min Scan# 1565

Delta R.T. 0.01 min

Lab File: VN060963.D

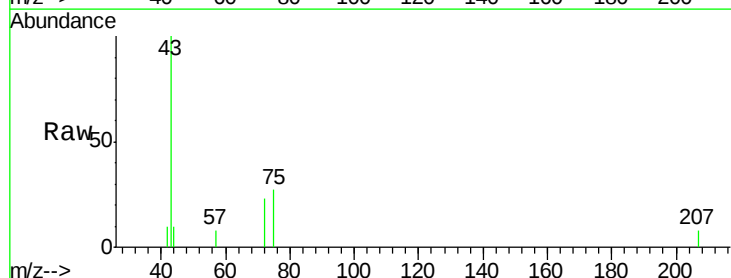
Acq: 15 Apr 2020 15:52

Tgt Ion: 43 Resp: 7139

Ion Ratio Lower Upper

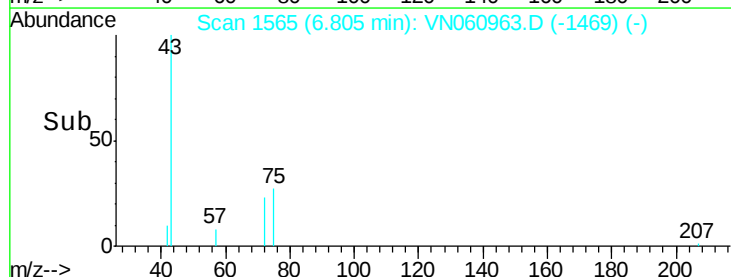
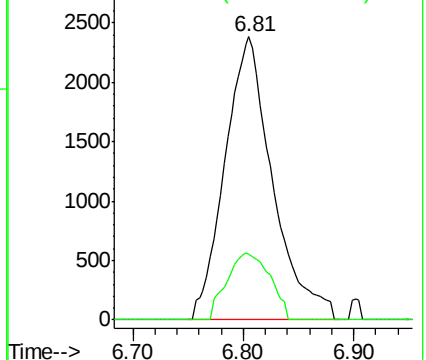
43 100

72 23.3 20.4 30.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0





#33

1,2-Dichloroethane-d4

Concen: 49.096 ug/l

RT: 8.00 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VN060963.D

Acq: 15 Apr 2020 15:52

Instrument :

MSVOA_N

ClientSampleId :

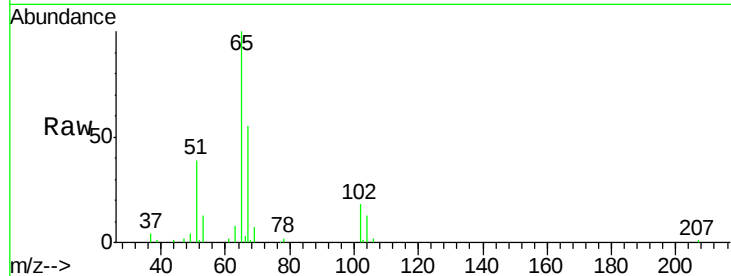
TP-23B

Tot Ion: 65 Resp: 90890

Ion Ratio Lower Upper

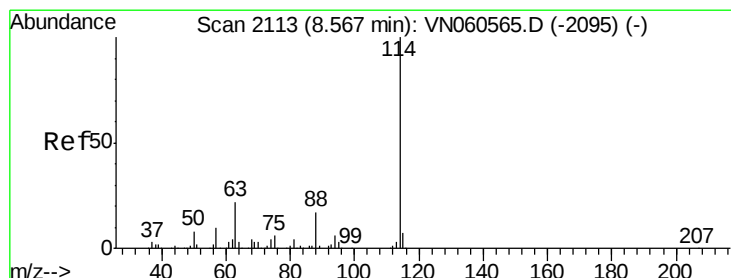
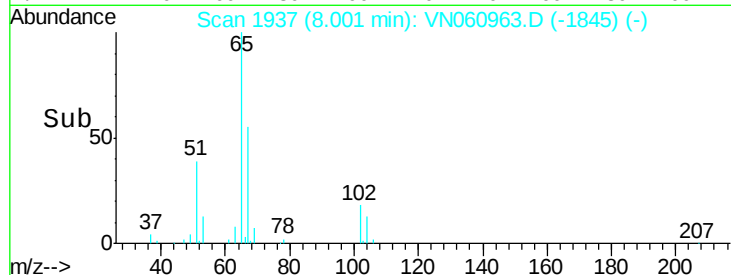
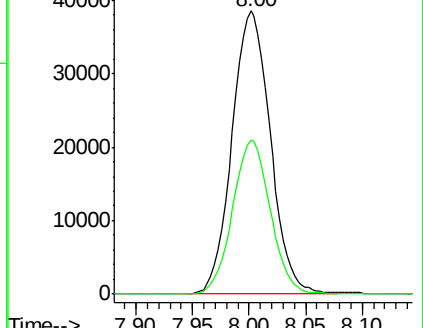
65 100

67 53.6 0.0 107.6



Abundance Ion 64.90 (64.60 to 65.60): VN060565.D (-1920) (-)

Ion 66.90 (66.60 to 67.60): VN060565.D (-1920) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.56 min Scan# 2112

Delta R.T. -0.00 min

Lab File: VN060963.D

Acq: 15 Apr 2020 15:52

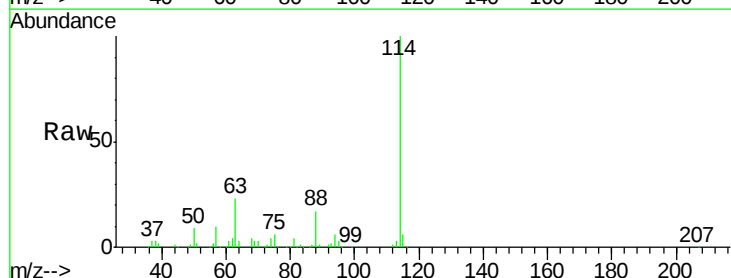
Tgt Ion: 114 Resp: 227920

Ion Ratio Lower Upper

114 100

63 23.1 0.0 43.8

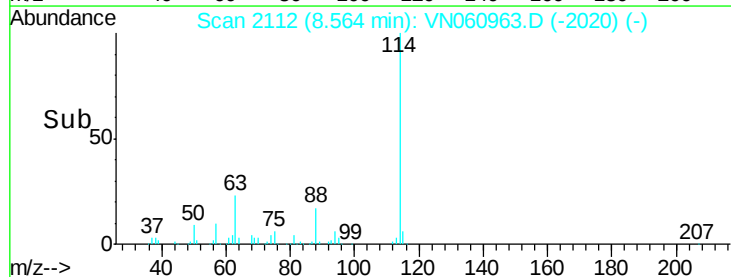
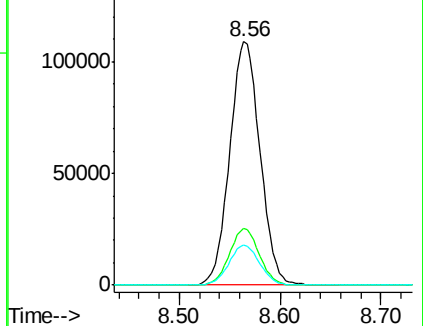
88 16.6 0.0 33.0

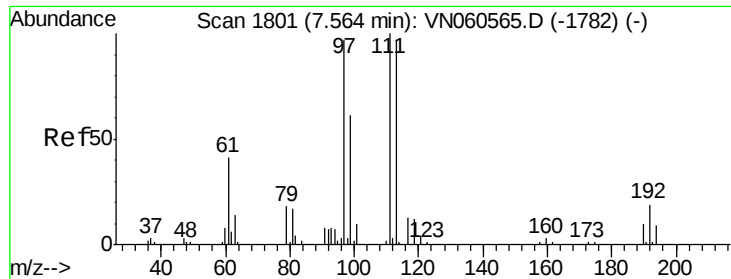


Abundance Ion 113.90 (113.60 to 114.60): VN060565.D (-2095) (-)

Ion 63.00 (62.70 to 63.70): VN060565.D (-2095) (-)

Ion 87.90 (87.60 to 88.60): VN060565.D (-2095) (-)

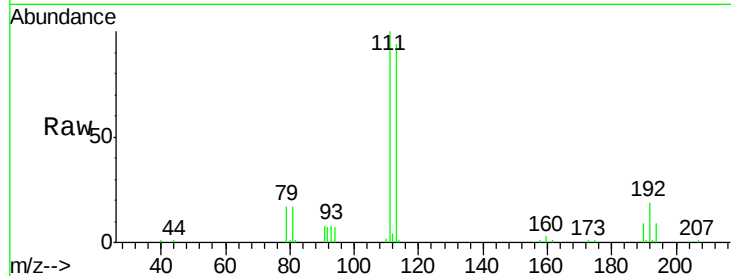




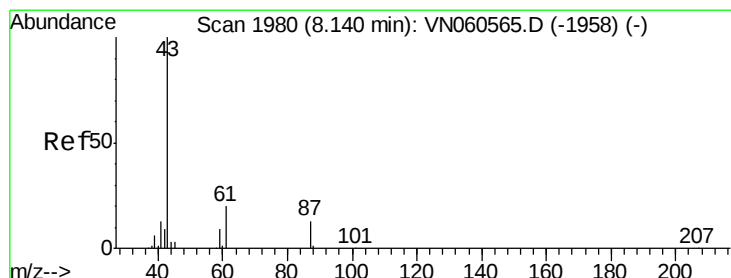
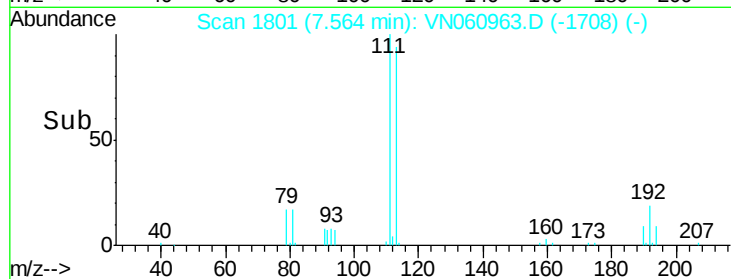
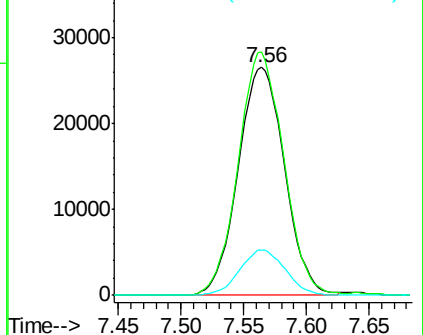
#35
 Dibromofluoromethane
 Concen: 49.543 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: VN060963.D
 Acq: 15 Apr 2020 15:52

Instrument :
 MSVOA_N
 ClientSampled :
 TP-23B

Tot Ion:113 Resp: 68278
 Ion Ratio Lower Upper
 113 100
 111 104.5 82.9 124.3
 192 19.6 15.8 23.8

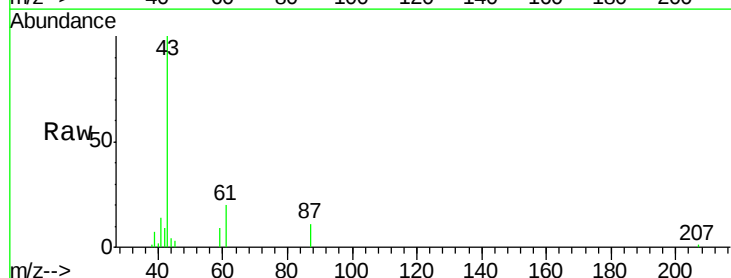


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

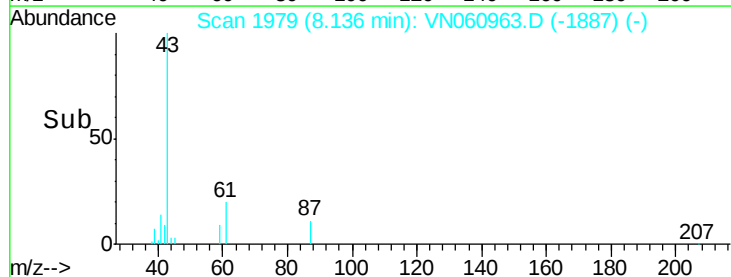
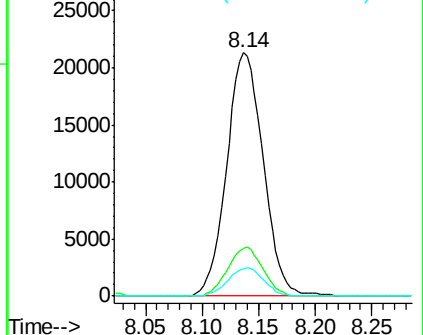


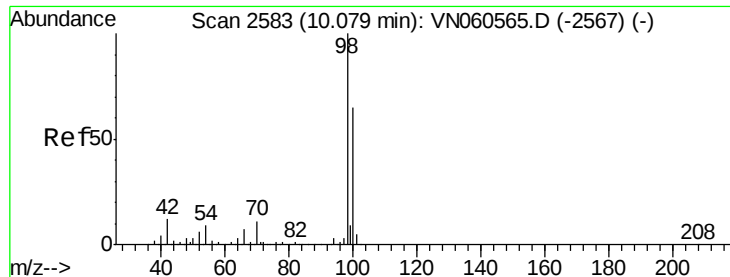
#43
 Isopropyl Acetate
 Concen: 12.203 ug/l
 RT: 8.14 min Scan# 1979
 Delta R.T. -0.00 min
 Lab File: VN060963.D
 Acq: 15 Apr 2020 15:52

Tgt Ion: 43 Resp: 47992
 Ion Ratio Lower Upper
 43 100
 61 19.2 20.7 31.1#
 87 11.3 9.8 14.8



Abundance Ion 43.00 (42.70 to 43.70): V
 Ion 61.00 (60.70 to 61.70): V
 Ion 87.00 (86.70 to 87.70): V





#50

Toluene-d8

Concen: 51.196 ug/l

RT: 10.08 min Scan# 2582

Delta R.T. -0.00 min

Lab File: VN060963.D

Acq: 15 Apr 2020 15:52

Instrument :

MSVOA_N

ClientSampled :

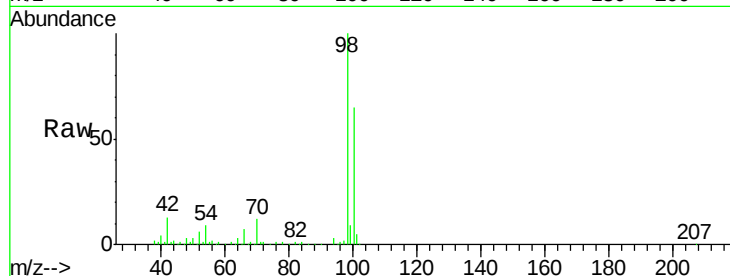
TP-23B

Tot Ion: 98 Resp: 288195

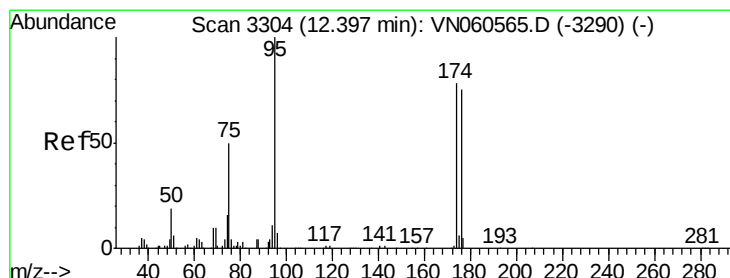
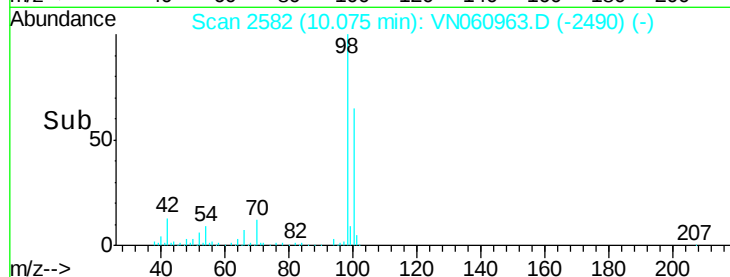
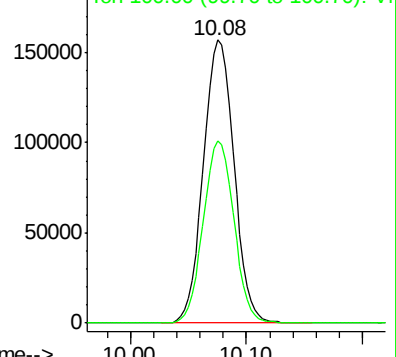
Ion Ratio Lower Upper

98 100

100 64.4 51.8 77.8



Abundance Ion 98.00 (97.70 to 98.70): VN060963.D (-2567) (-)



#62

4-Bromofluorobenzene

Concen: 52.372 ug/l

RT: 12.39 min Scan# 3303

Delta R.T. -0.00 min

Lab File: VN060963.D

Acq: 15 Apr 2020 15:52

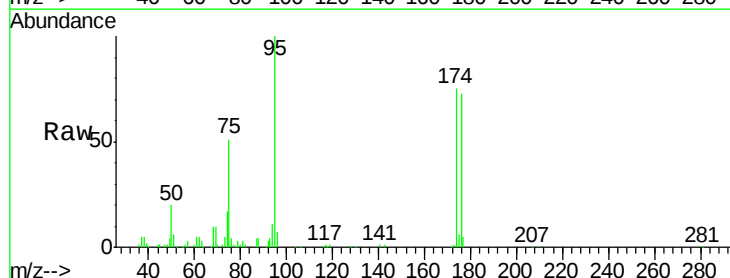
Tgt Ion: 95 Resp: 108045

Ion Ratio Lower Upper

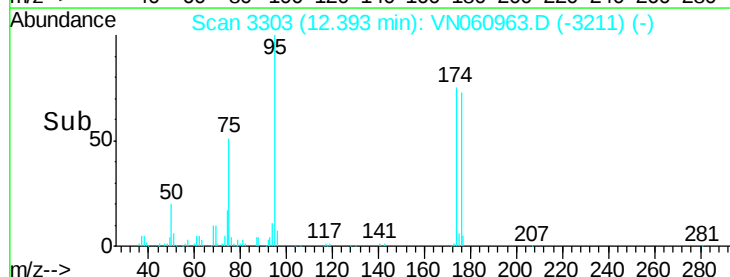
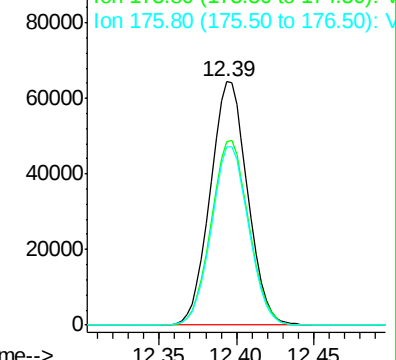
95 100

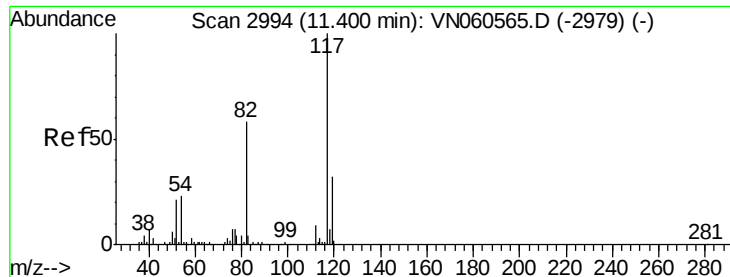
174 76.3 0.0 157.6

176 73.3 0.0 150.6



Abundance Ion 94.90 (94.60 to 95.60): VN060963.D (-3211) (-)

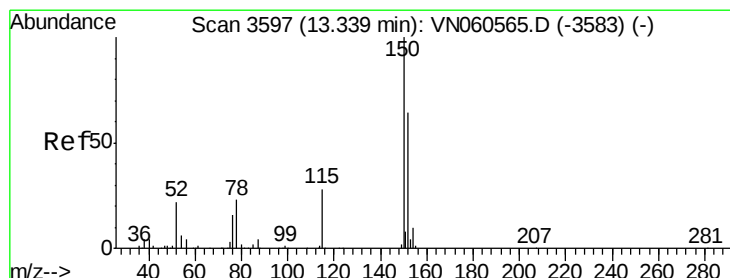
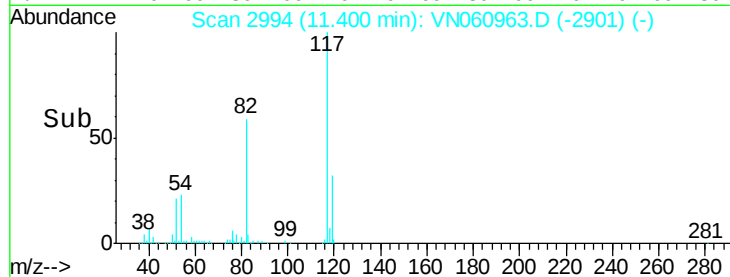
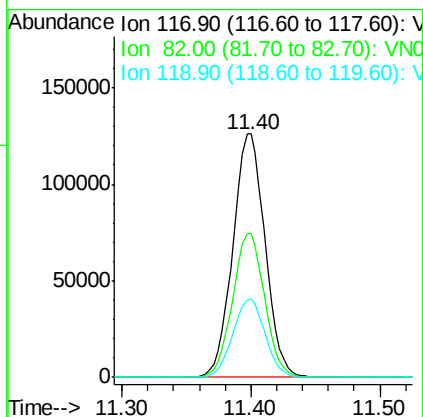
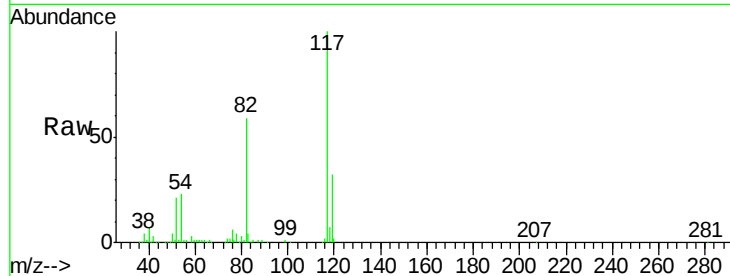




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. -0.00 min
Lab File: VN060963.D
Acq: 15 Apr 2020 15:52

Instrument :
MSVOA_N
ClientSampleId :
TP-23B

Tot Ion:117 Resp: 218243
Ion Ratio Lower Upper
117 100
82 59.0 46.7 70.1
119 32.3 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. -0.00 min
Lab File: VN060963.D
Acq: 15 Apr 2020 15:52

Tgt Ion:152 Resp: 97479
Ion Ratio Lower Upper
152 100
115 60.6 30.2 90.6
150 156.0 0.0 350.2

