

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041420\
 Data File : VN060945.D
 Acq On : 14 Apr 2020 19:38
 Operator : JC/MD
 Sample : L2230-24
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-12-B

Quant Time: Apr 15 09:41:29 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

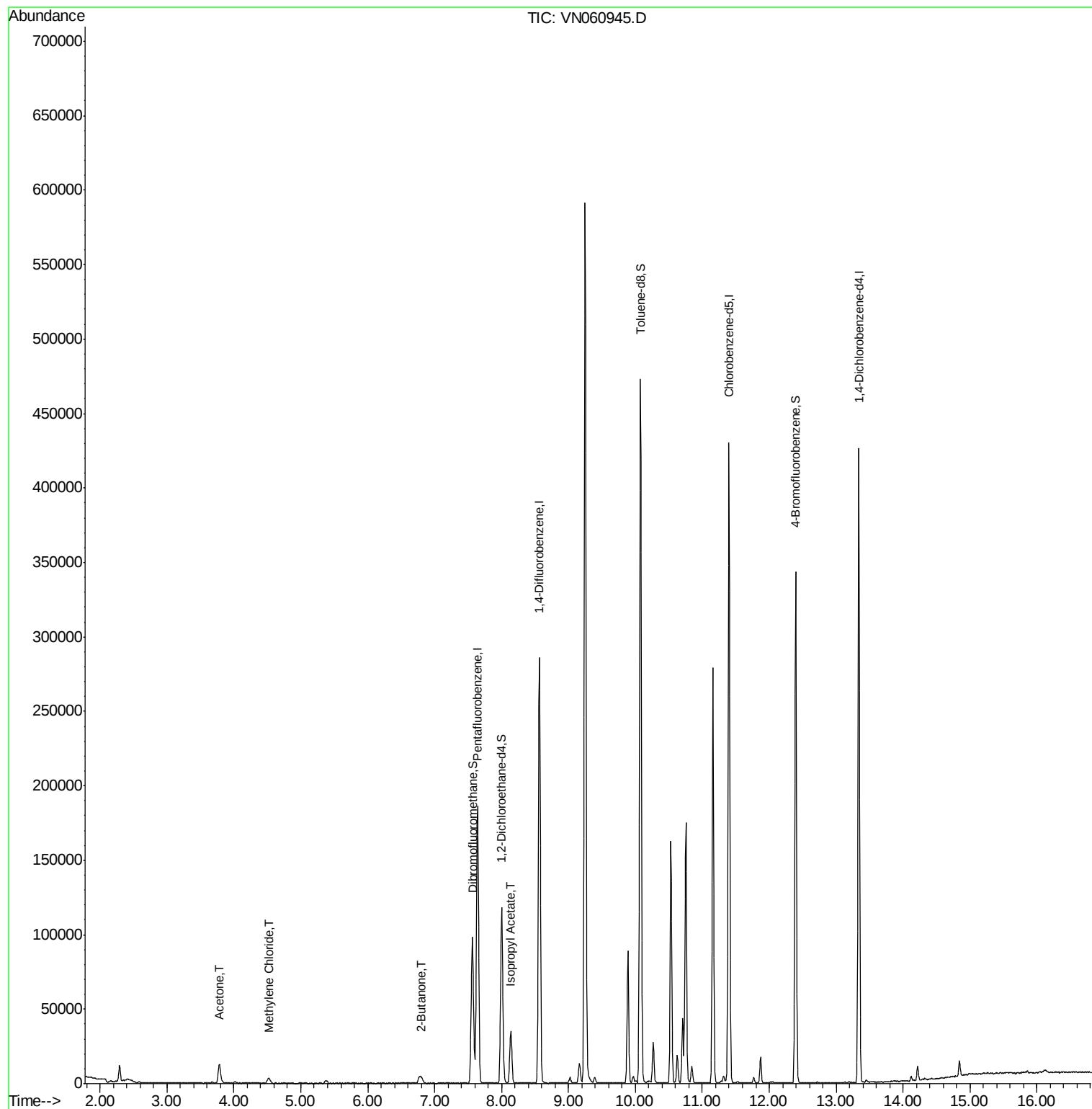
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	149643	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	254932	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	242048	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	111676	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	100836	49.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.18%	
35) Dibromofluoromethane	7.56	113	75791	49.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.34%	
50) Toluene-d8	10.08	98	319132	50.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.36%	
62) 4-Bromofluorobenzene	12.39	95	121027	52.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.90%	
Target Compounds						
16) Acetone	3.78	43	21890	30.083	ug/l	99
20) Methylene Chloride	4.52	84	2607	1.456	ug/l	91
25) 2-Butanone	6.81	43	6606	5.610	ug/l	94
43) Isopropyl Acetate	8.14	43	42576	9.679	ug/l #	90

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

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QLast Update : Wed Mar 18 08:49:09 2020
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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: VN060945.D

Acq: 14 Apr 2020 19:38

Instrument :

MSVOA_N

ClientSampled :

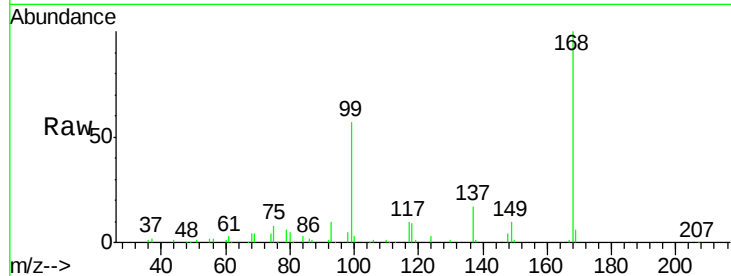
TP-12-B

Tot Ion:168 Resp: 149643

Ion Ratio Lower Upper

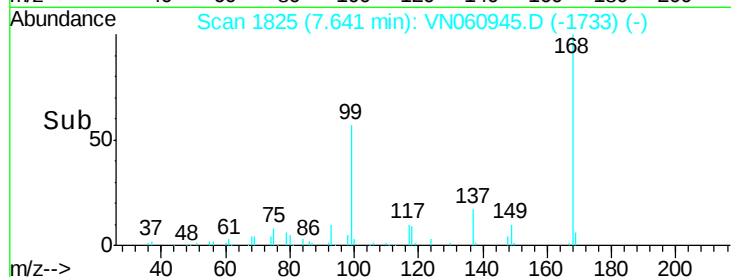
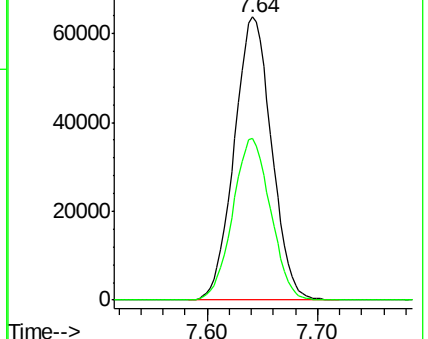
168 100

99 57.1 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#16

Acetone

Concen: 30.083 ug/l

RT: 3.78 min Scan# 625

Delta R.T. 0.00 min

Lab File: VN060945.D

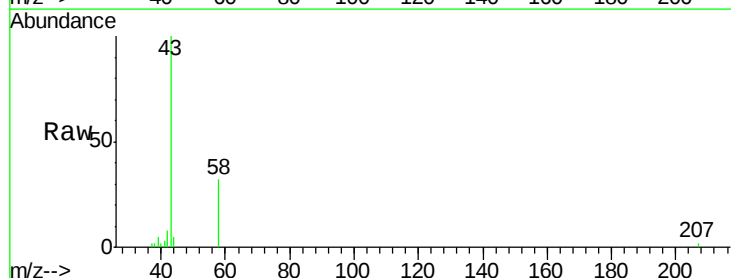
Acq: 14 Apr 2020 19:38

Tgt Ion: 43 Resp: 21890

Ion Ratio Lower Upper

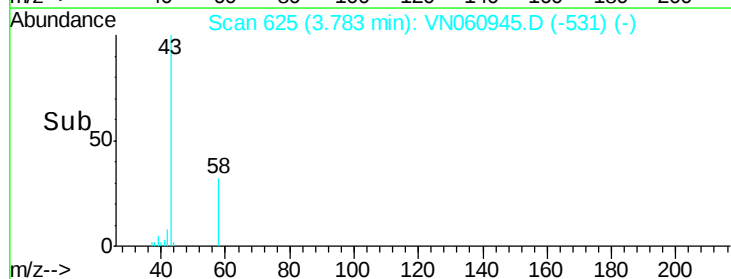
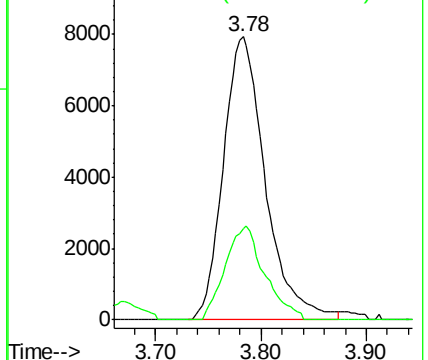
43 100

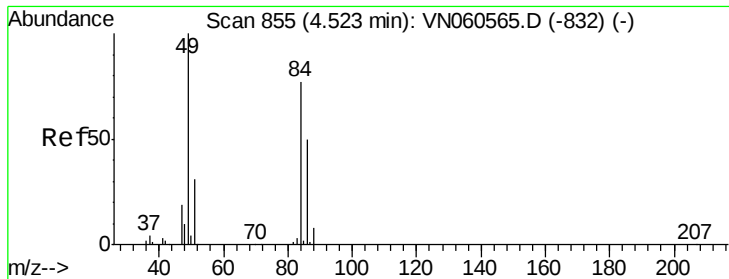
58 32.2 25.1 37.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#20

Methvlene Chloride

Concen: 1.456 ug/l

RT: 4.52 min Scan# 855

Delta R.T. 0.00 min

Lab File: VN060945.D

Acq: 14 Apr 2020 19:38

Instrument :

MSVOA_N

ClientSampleId :

TP-12-B

Tot Ion: 84 Resp: 2607

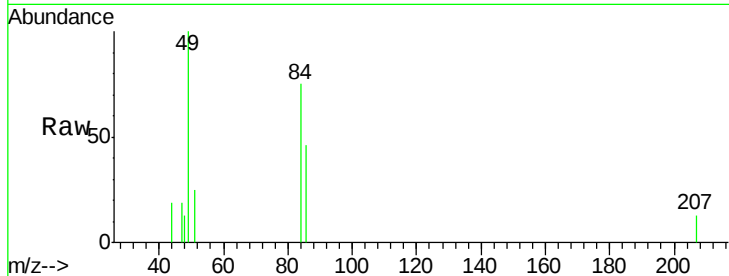
Ion Ratio Lower Upper

84 100

49 116.2 103.3 154.9

51 34.0 31.6 47.4

86 62.3 52.0 78.0

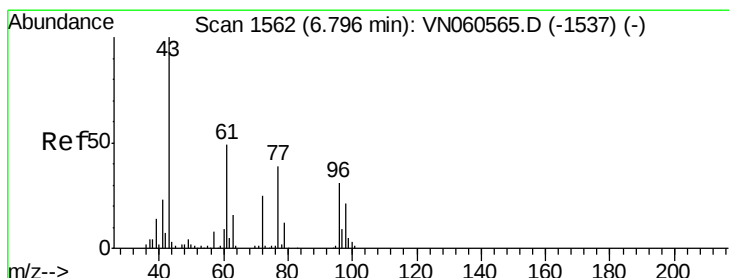
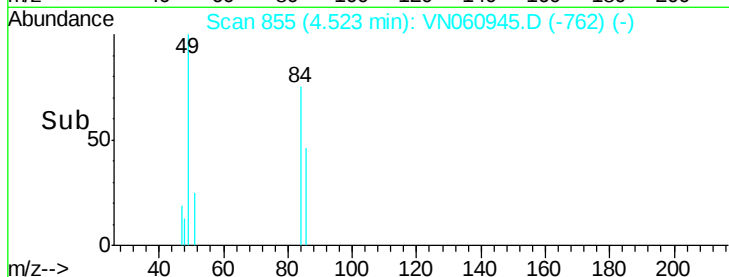
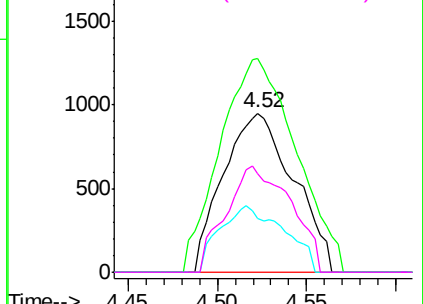


Abundance Ion 83.90 (83.60 to 84.60): VN0

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: 5.610 ug/l

RT: 6.81 min Scan# 1566

Delta R.T. 0.01 min

Lab File: VN060945.D

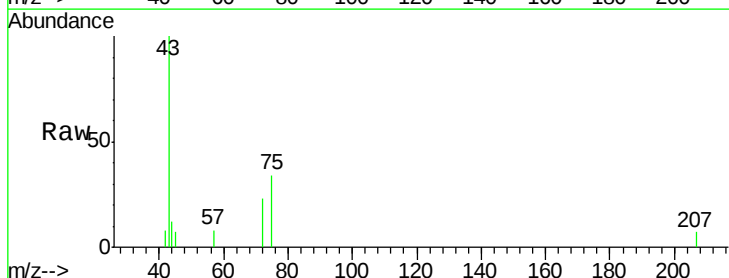
Acq: 14 Apr 2020 19:38

Tgt Ion: 43 Resp: 6606

Ion Ratio Lower Upper

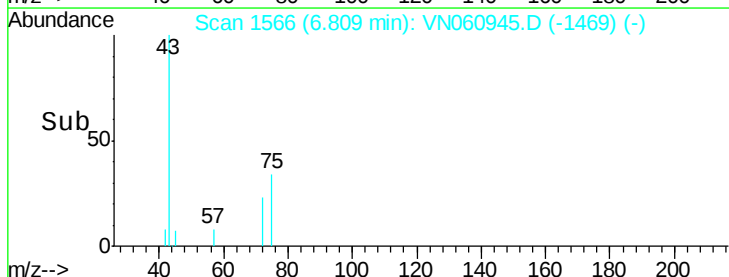
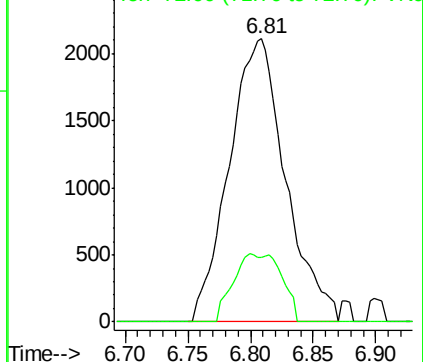
43 100

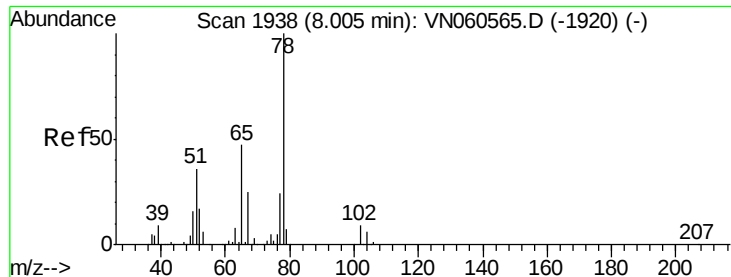
72 22.7 20.4 30.6



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: 49.086 ug/l

RT: 8.00 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VN060945.D

Acq: 14 Apr 2020 19:38

Instrument :

MSVOA_N

ClientSampleId :

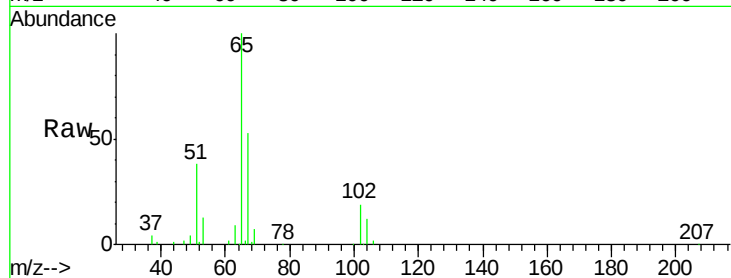
TP-12-B

Tot Ion: 65 Resp: 100836

Ion Ratio Lower Upper

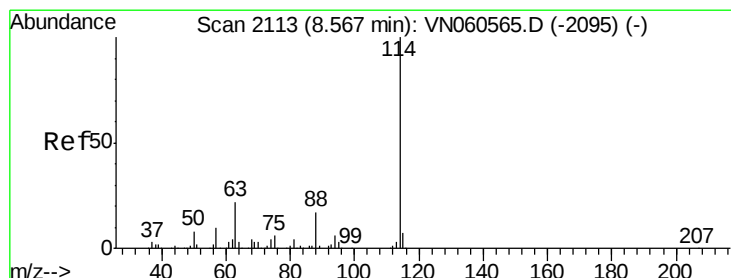
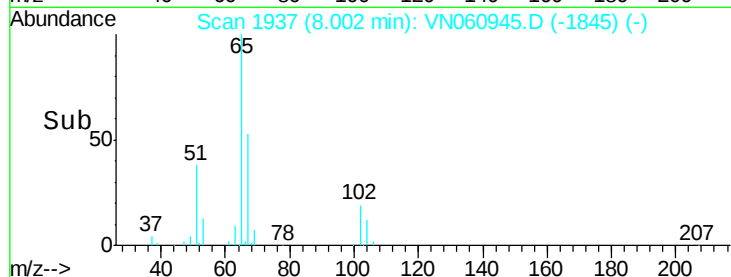
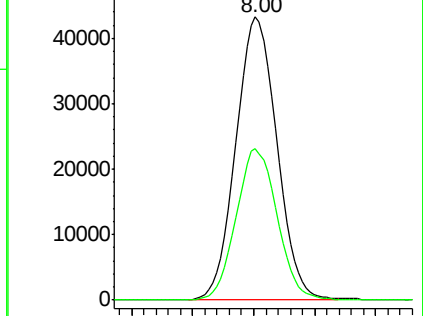
65 100

67 53.3 0.0 107.6



Abundance Ion 64.90 (64.60 to 65.60): VN060945.D (-1845) (-)

Ion 66.90 (66.60 to 67.60): VN060945.D (-1845) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.56 min Scan# 2112

Delta R.T. -0.00 min

Lab File: VN060945.D

Acq: 14 Apr 2020 19:38

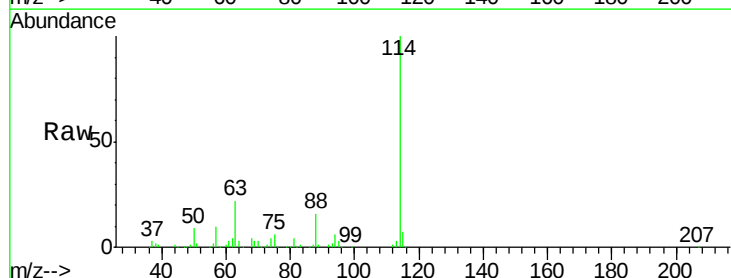
Tgt Ion: 114 Resp: 254932

Ion Ratio Lower Upper

114 100

63 22.5 0.0 43.8

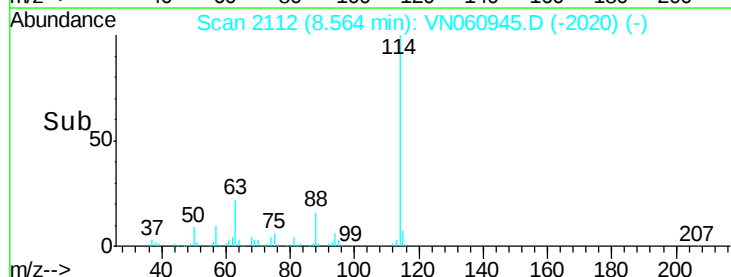
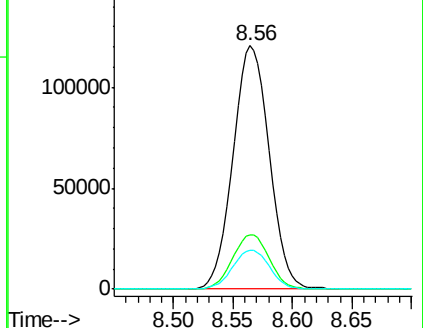
88 16.0 0.0 33.0

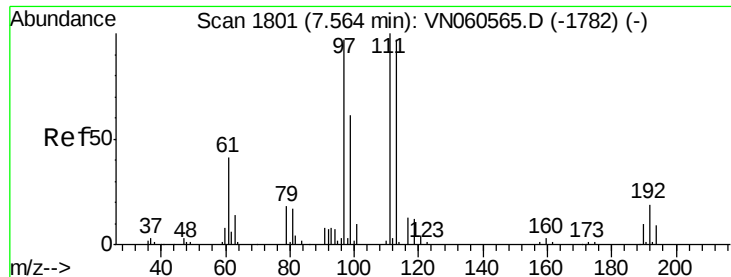


Abundance Ion 113.90 (113.60 to 114.60): VN060945.D (-2020) (-)

Ion 63.00 (62.70 to 63.70): VN060945.D (-2020) (-)

Ion 87.90 (87.60 to 88.60): VN060945.D (-2020) (-)





#35

Dibromofluoromethane

Concen: 49.167 ug/l

RT: 7.56 min Scan# 1801

Delta R.T. 0.00 min

Lab File: VN060945.D

Acq: 14 Apr 2020 19:38

Instrument :

MSVOA_N

ClientSampleId :

TP-12-B

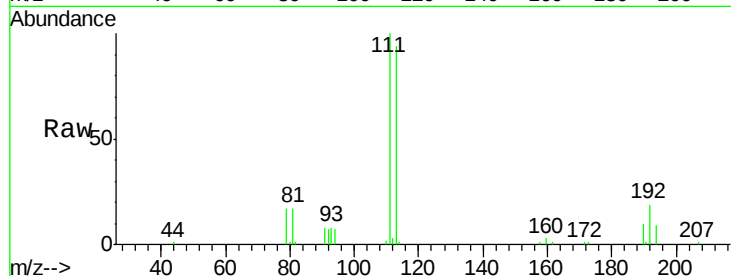
Tot Ion:113 Resp: 75791

Ion Ratio Lower Upper

113 100

111 103.1 82.9 124.3

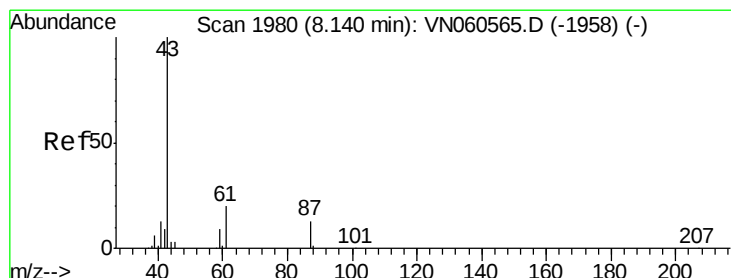
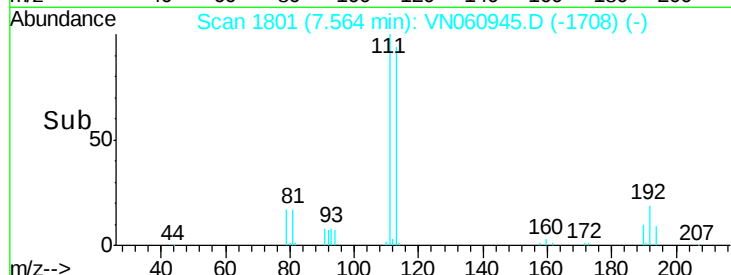
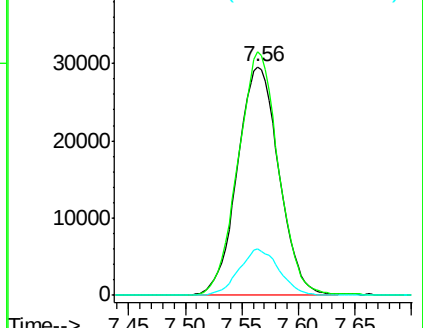
192 19.5 15.8 23.8



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: 9.679 ug/l

RT: 8.14 min Scan# 1979

Delta R.T. -0.00 min

Lab File: VN060945.D

Acq: 14 Apr 2020 19:38

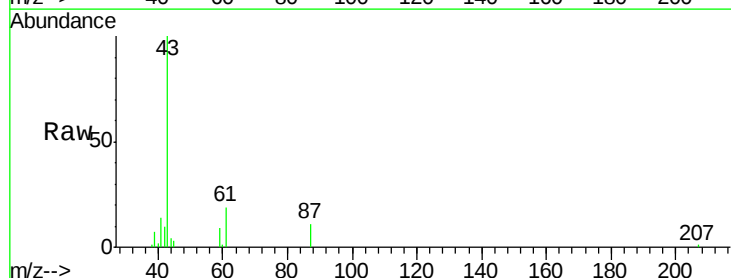
Tgt Ion: 43 Resp: 42576

Ion Ratio Lower Upper

43 100

61 18.9 20.7 31.1#

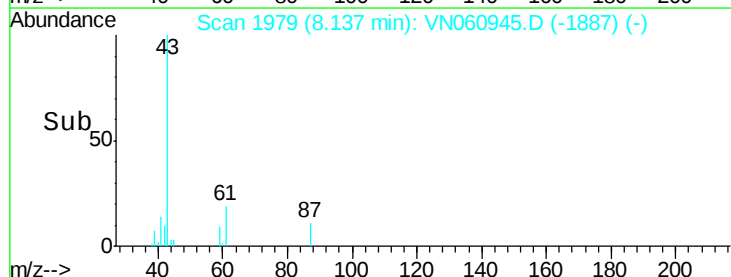
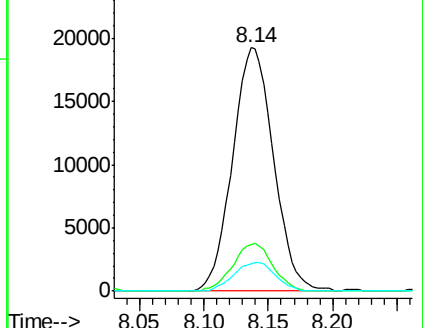
87 11.9 9.8 14.8

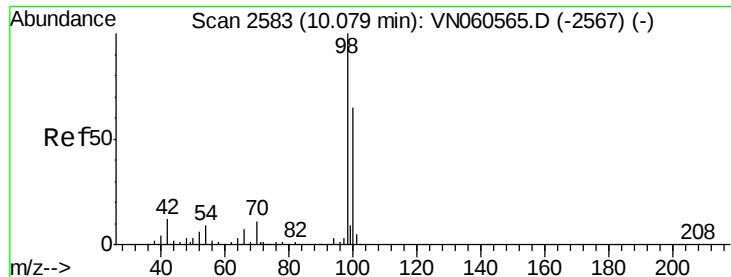


Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 61.00 (60.70 to 61.70): VNO

Ion 87.00 (86.70 to 87.70): VNO





#50

Toluene-d8

Concen: 50.685 ug/l

RT: 10.08 min Scan# 2582

Delta R.T. -0.00 min

Lab File: VN060945.D

Acq: 14 Apr 2020 19:38

Instrument :

MSVOA_N

ClientSampleId :

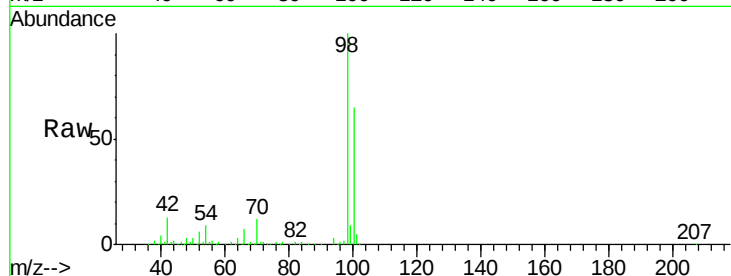
TP-12-B

Tot Ion: 98 Resp: 319132

Ion Ratio Lower Upper

98 100

100 64.4 51.8 77.8



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN

10.08

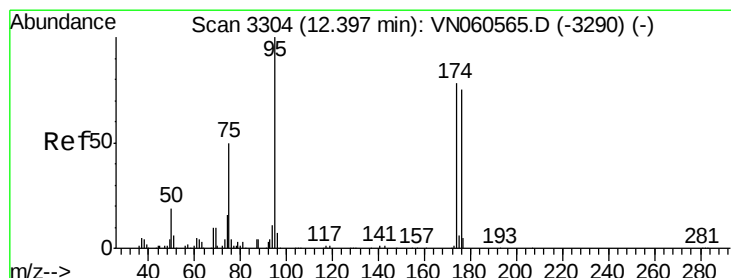
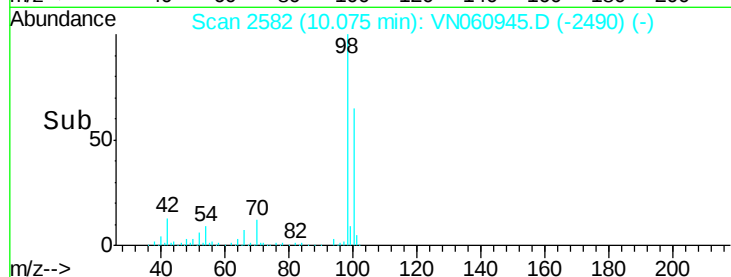
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 52.448 ug/l

RT: 12.39 min Scan# 3303

Delta R.T. -0.00 min

Lab File: VN060945.D

Acq: 14 Apr 2020 19:38

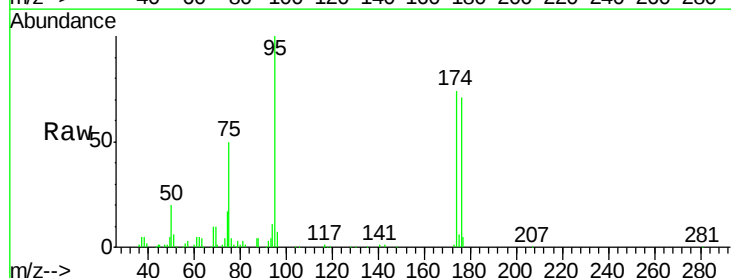
Tgt Ion: 95 Resp: 121027

Ion Ratio Lower Upper

95 100

174 75.7 0.0 157.6

176 73.5 0.0 150.6



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

100000

80000

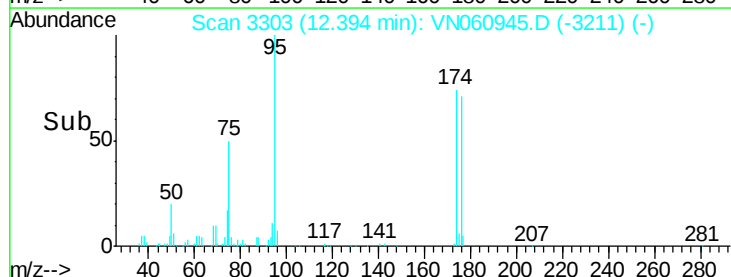
60000

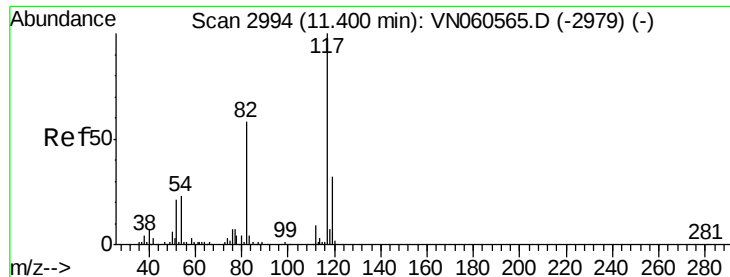
40000

20000

0

Time-->

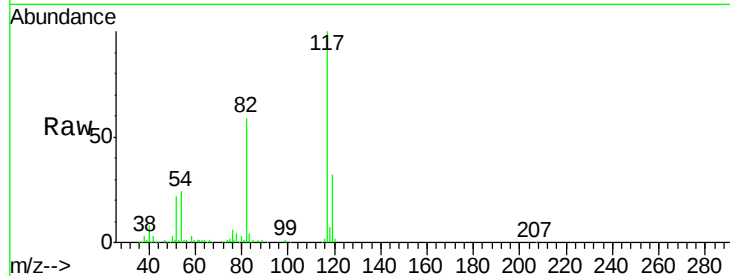




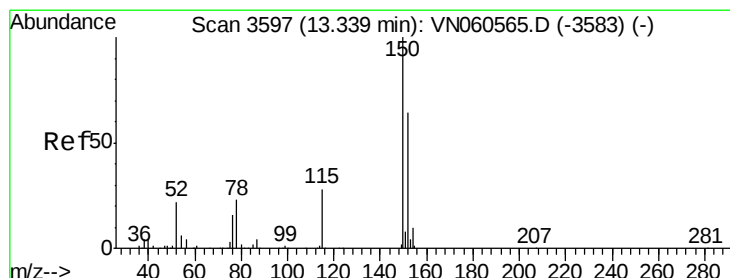
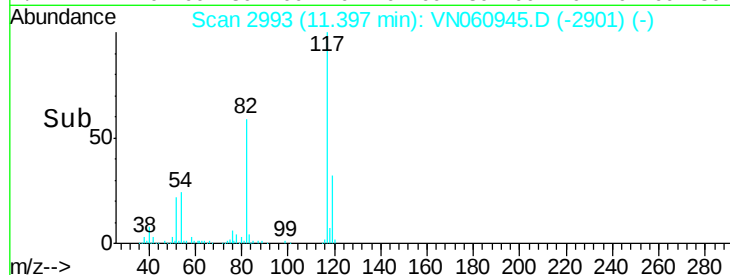
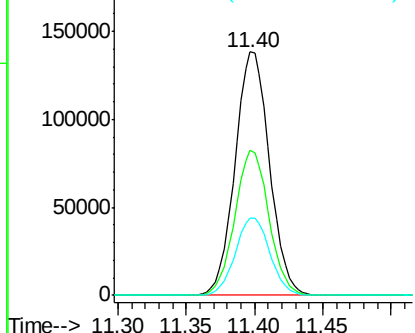
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2993
Delta R.T. -0.00 min
Lab File: VN060945.D
Acq: 14 Apr 2020 19:38

Instrument :
MSVOA_N
ClientSampleId :
TP-12-B

Tot Ion:117 Resp: 242048
Ion Ratio Lower Upper
117 100
82 59.4 46.7 70.1
119 31.9 25.5 38.3

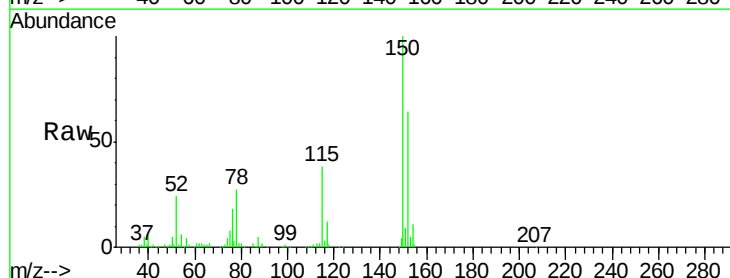


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. 0.00 min
Lab File: VN060945.D
Acq: 14 Apr 2020 19:38

Tgt Ion:152 Resp: 111676
Ion Ratio Lower Upper
152 100
115 59.6 30.2 90.6
150 155.6 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

