

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN040620\
 Data File : VN060854.D
 Acq On : 6 Apr 2020 16:20
 Operator : JC/MD
 Sample : L2129-44
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-3

Quant Time: Apr 07 08:16:01 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

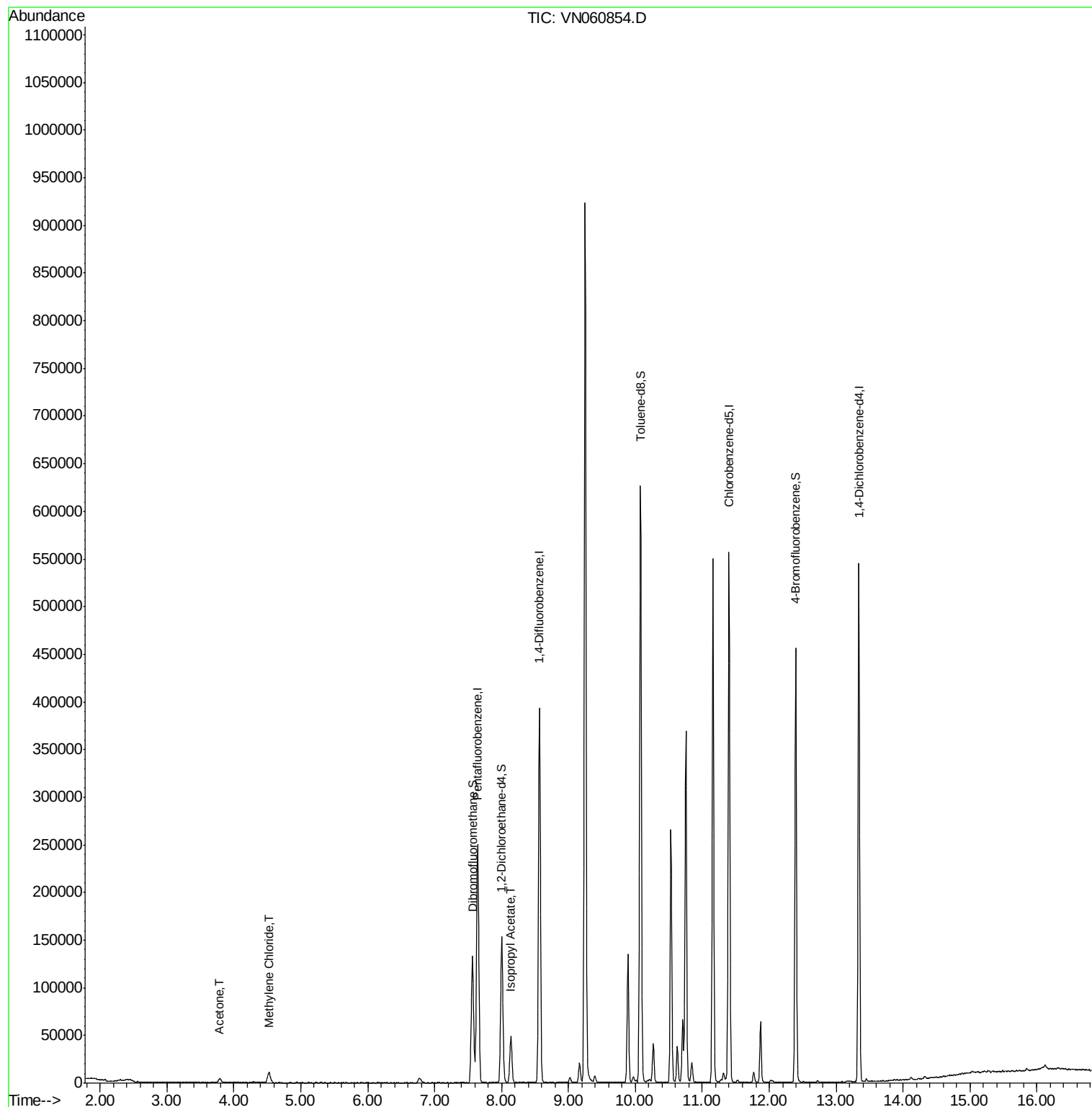
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	206922	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	347307	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	323053	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	143402	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	133153	46.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.76%	
35) Dibromofluoromethane	7.56	113	101825	48.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.98%	
50) Toluene-d8	10.08	98	427693	49.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.72%	
62) 4-Bromofluorobenzene	12.40	95	160153	50.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.88%	
Target Compounds						
16) Acetone	3.79	43	8221	8.170	ug/l	96
20) Methylene Chloride	4.53	84	8122	3.281	ug/l	94
43) Isopropyl Acetate	8.14	43	57540	9.601	ug/l #	91

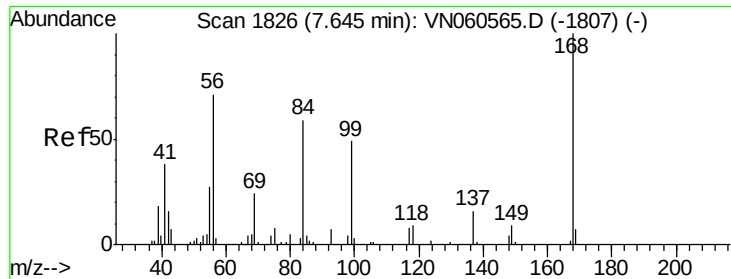
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Mar 18 08:49:09 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN060854.D

Acq: 6 Apr 2020 16:20

Instrument :

MSVOA_N

ClientSampled :

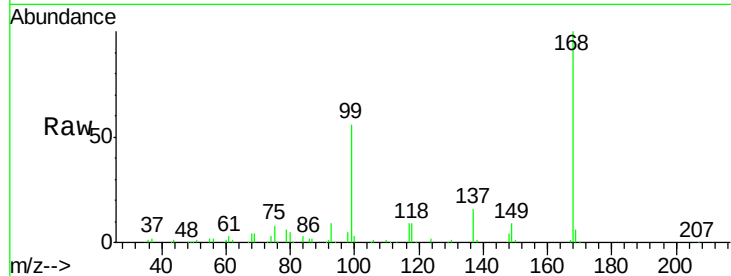
TP-3

Tot Ion:168 Resp: 206922

Ion Ratio Lower Upper

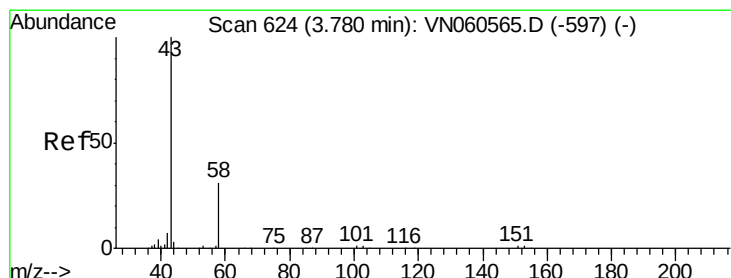
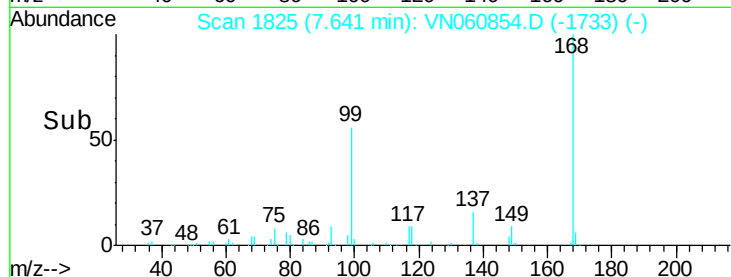
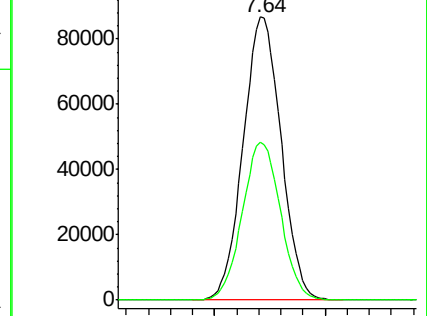
168 100

99 55.6 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: 8.170 ug/l

RT: 3.79 min Scan# 626

Delta R.T. 0.01 min

Lab File: VN060854.D

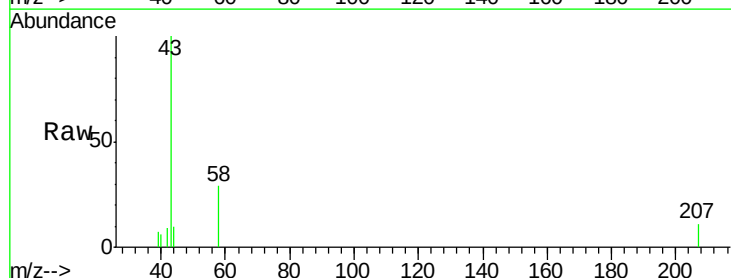
Acq: 6 Apr 2020 16:20

Tgt Ion: 43 Resp: 8221

Ion Ratio Lower Upper

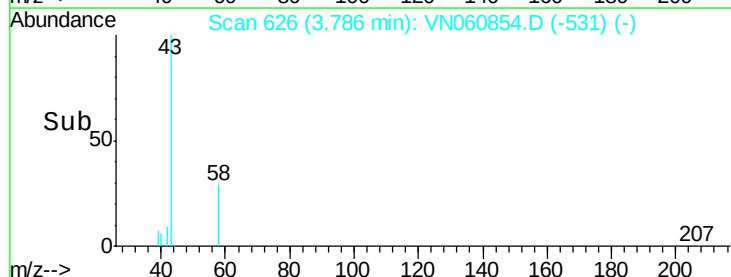
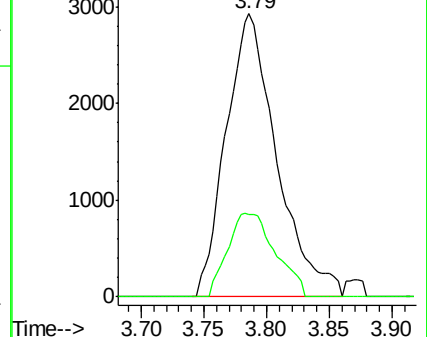
43 100

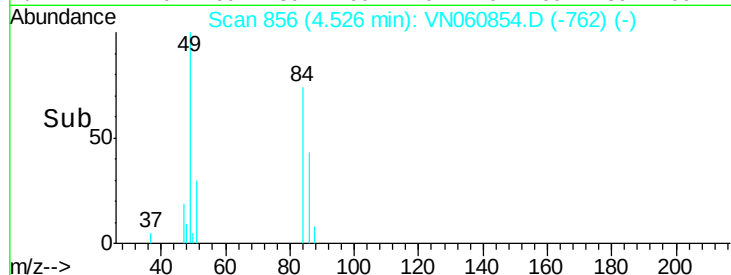
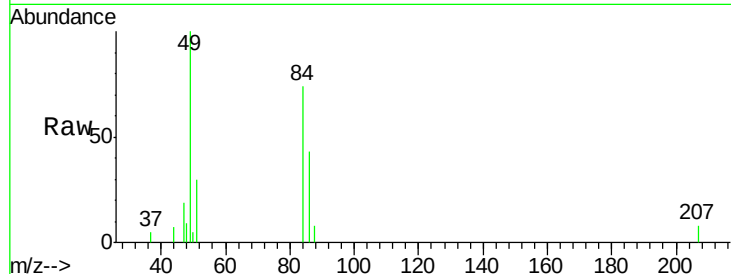
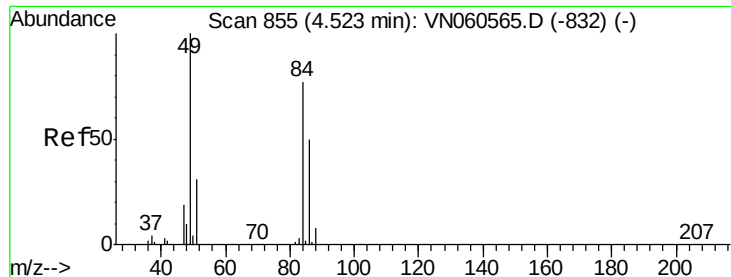
58 29.3 25.1 37.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

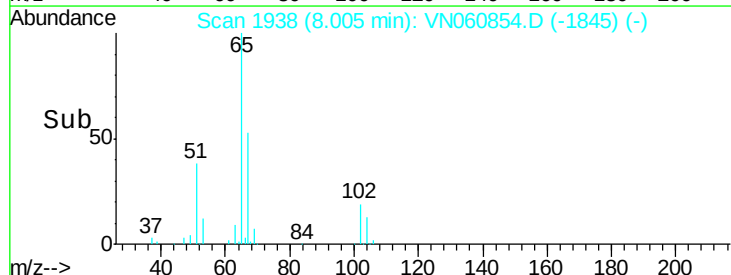
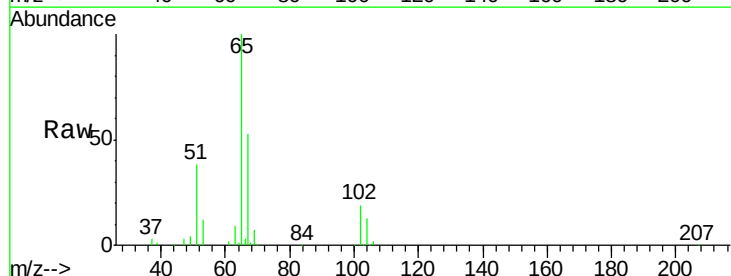
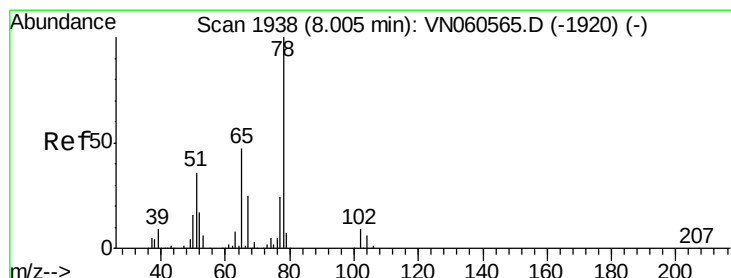
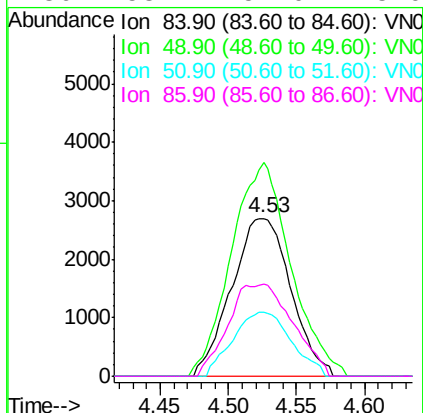




#20
Methylene Chloride
Concen: 3.281 ug/l
RT: 4.53 min Scan# 856
Delta R.T. 0.00 min
Lab File: VN060854.D
Acq: 6 Apr 2020 16:20

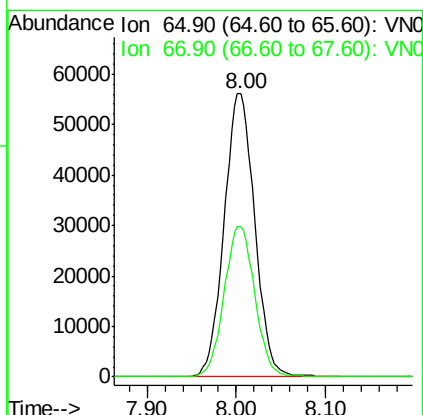
Instrument :
MSVOA_N
ClientSampled :
TP-3

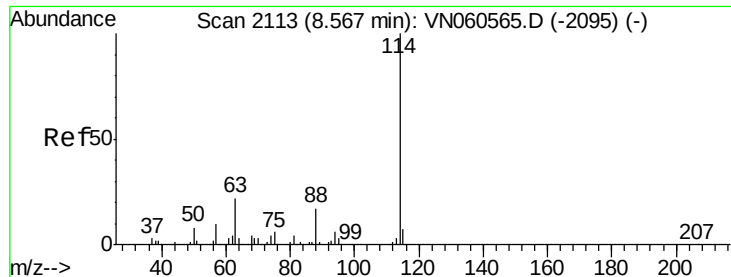
Tot Ion:	84	Resp:	8122
Ion	Ratio	Lower	Upper
84	100		
49	135.1	103.3	154.9
51	40.8	31.6	47.4
86	58.2	52.0	78.0



#33
1,2-Dichloroethane-d4
Concen: 46.876 ug/l
RT: 8.00 min Scan# 1938
Delta R.T. -0.00 min
Lab File: VN060854.D
Acq: 6 Apr 2020 16:20

Tgt Ion:	65	Resp:	133153
Ion	Ratio	Lower	Upper
65	100		
67	53.2	0.0	107.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2113

Delta R.T. -0.00 min

Lab File: VN060854.D

Acq: 6 Apr 2020 16:20

Instrument :

MSVOA_N

ClientSampleId :

TP-3

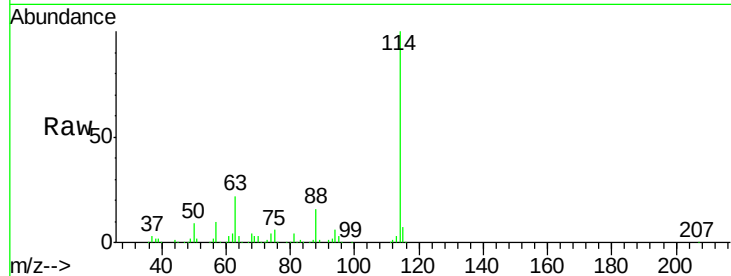
Tot Ion:114 Resp: 347307

Ion Ratio Lower Upper

114 100

63 22.4 0.0 43.8

88 16.3 0.0 33.0



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

200000

150000

100000

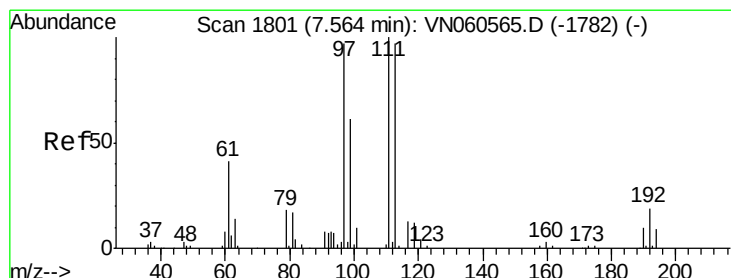
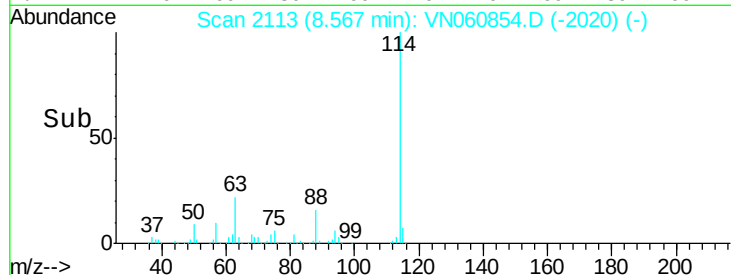
50000

0

8.57

8.50 8.60 8.70

Time-->



#35

Dibromofluoromethane

Concen: 48.487 ug/l

RT: 7.56 min Scan# 1801

Delta R.T. -0.00 min

Lab File: VN060854.D

Acq: 6 Apr 2020 16:20

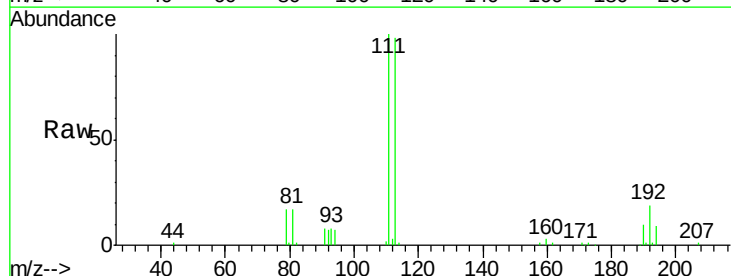
Tgt Ion:113 Resp: 101825

Ion Ratio Lower Upper

113 100

111 102.3 82.9 124.3

192 19.7 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

50000

40000

30000

20000

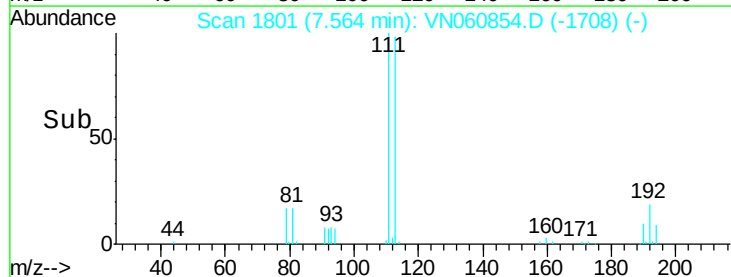
10000

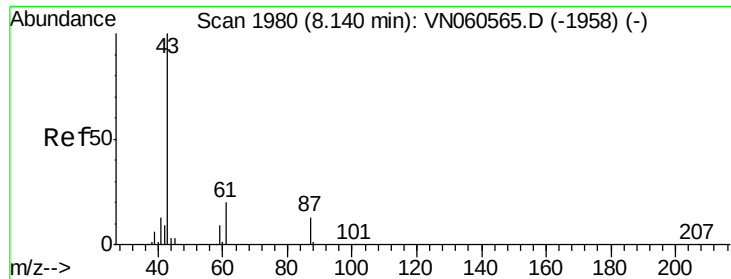
0

7.56

7.45 7.50 7.55 7.60 7.65

Time-->





#43

Isopropyl Acetate

Concen: 9.601 ug/l

RT: 8.14 min Scan# 1980

Delta R.T. -0.00 min

Lab File: VN060854.D

Acq: 6 Apr 2020 16:20

Instrument :

MSVOA_N

ClientSampleId :

TP-3

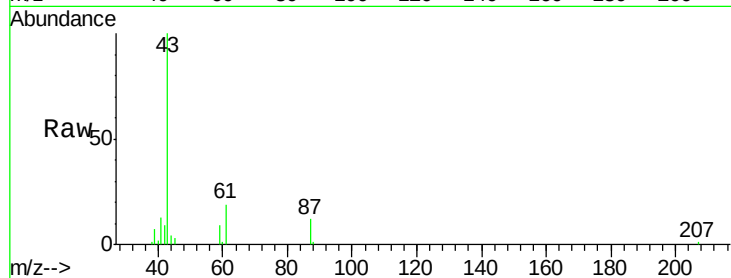
Tot Ion: 43 Resp: 57540

Ion Ratio Lower Upper

43 100

61 19.5 20.7 31.1#

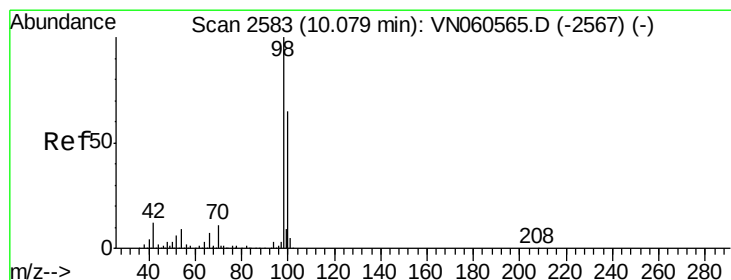
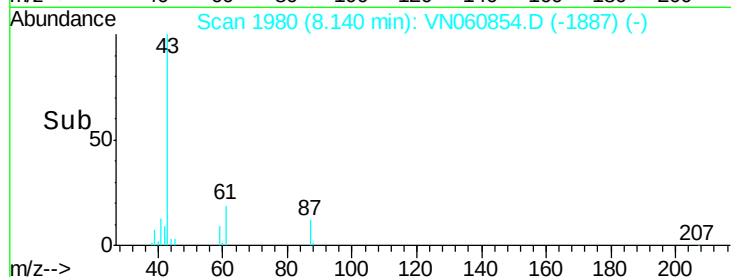
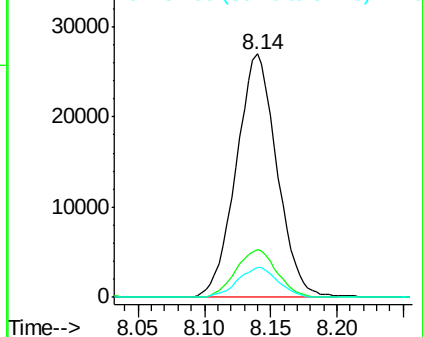
87 12.2 9.8 14.8



Abundance Ion 43.00 (42.70 to 43.70): VN060854.D (-1887) (-)

Ion 61.00 (60.70 to 61.70): VN060854.D (-1887) (-)

Ion 87.00 (86.70 to 87.70): VN060854.D (-1887) (-)



#50

Toluene-d8

Concen: 49.860 ug/l

RT: 10.08 min Scan# 2582

Delta R.T. -0.00 min

Lab File: VN060854.D

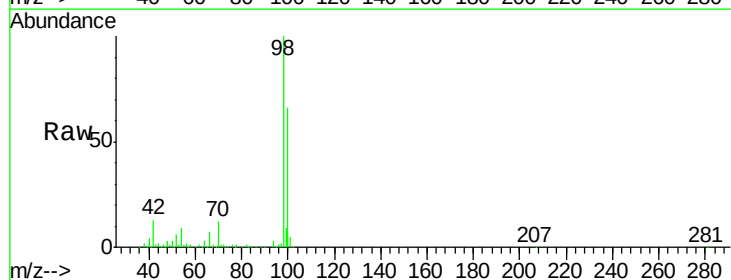
Acq: 6 Apr 2020 16:20

Tgt Ion: 98 Resp: 427693

Ion Ratio Lower Upper

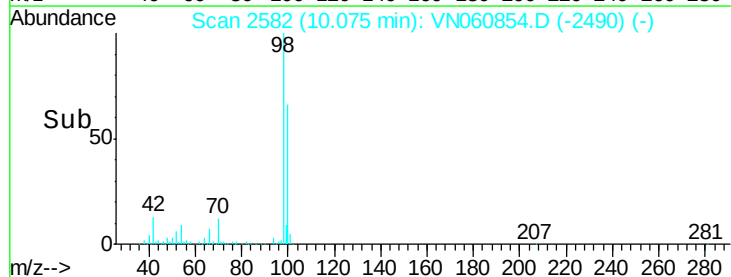
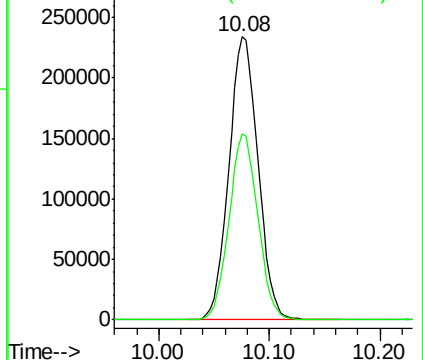
98 100

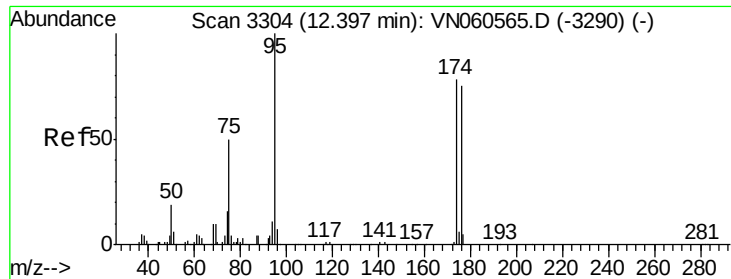
100 65.3 51.8 77.8



Abundance Ion 98.00 (97.70 to 98.70): VN060854.D (-2490) (-)

Ion 100.00 (99.70 to 100.70): VN060854.D (-2490) (-)

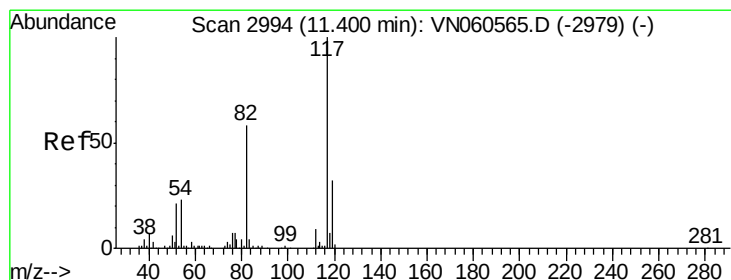
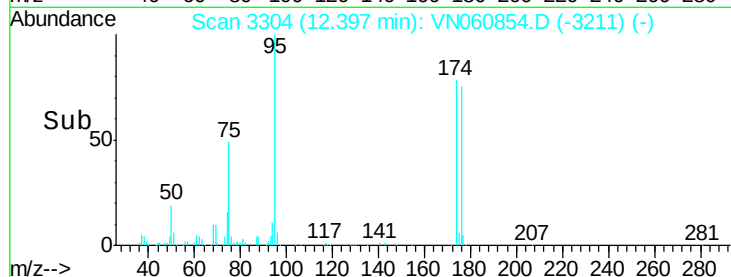
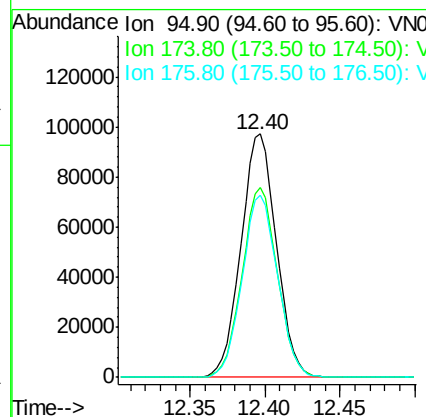
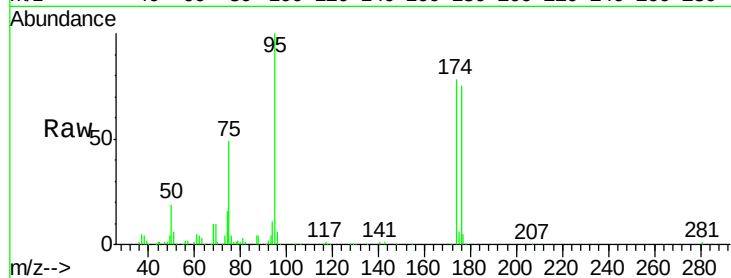




#62
4-Bromofluorobenzene
Concen: 50.944 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. -0.00 min
Lab File: VN060854.D
Acq: 6 Apr 2020 16:20

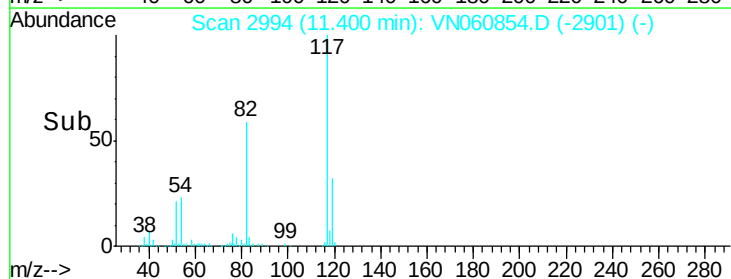
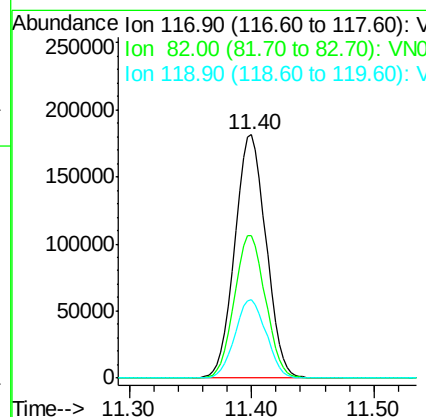
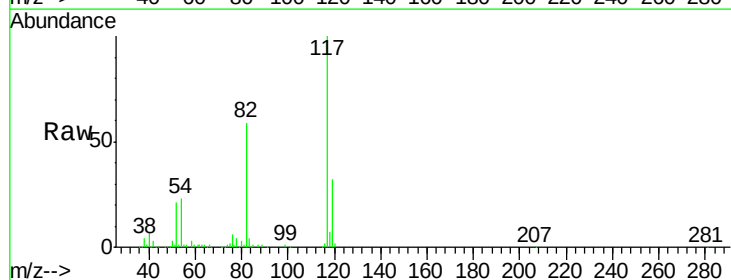
Instrument :
MSVOA_N
ClientSampled :
TP-3

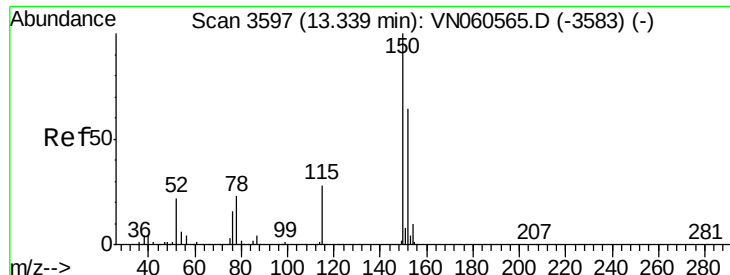
Tot Ion: 95 Resp: 160153
Ion Ratio Lower Upper
95 100
174 77.7 0.0 157.6
176 75.0 0.0 150.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. -0.00 min
Lab File: VN060854.D
Acq: 6 Apr 2020 16:20

Tgt Ion: 117 Resp: 323053
Ion Ratio Lower Upper
117 100
82 58.6 46.7 70.1
119 32.0 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: VN060854.D

Acq: 6 Apr 2020 16:20

Instrument :

MSVOA_N

ClientSampleId :

TP-3

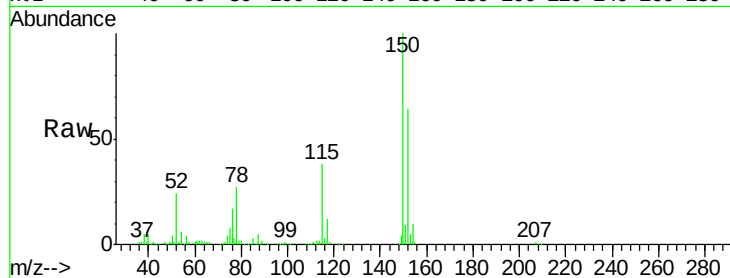
Tot Ion:152 Resp: 143402

Ion Ratio Lower Upper

152 100

115 59.9 30.2 90.6

150 156.0 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

