

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN051719\
 Data File : VN055653.D
 Acq On : 18 May 2019 9:14
 Operator : JC/SP
 Sample : K2896-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-20-S

Quant Time: May 20 03:42:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N051719W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 17 23:54:12 2019
 Response via : Initial Calibration

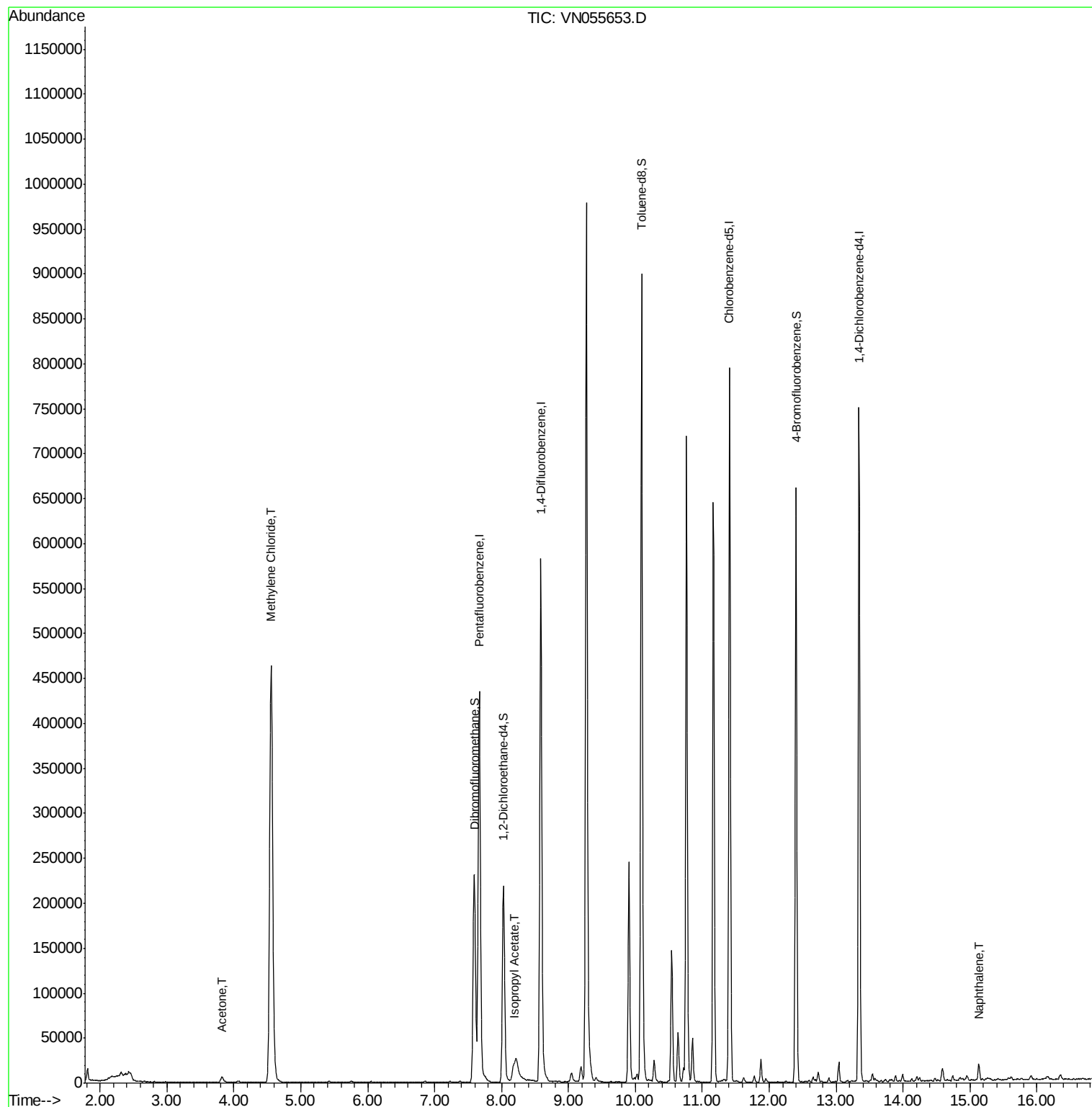
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	417671	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	592347	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	508828	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	219539	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	192678	42.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.16%	
35) Dibromofluoromethane	7.59	113	183582	48.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.58%	
50) Toluene-d8	10.09	98	683440	48.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.08%	
62) 4-Bromofluorobenzene	12.40	95	227875	46.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.76%	
Target Compounds						
16) Acetone	3.82	43	10763	5.760	ug/l #	88
20) Methylene Chloride	4.56	84	387355	90.840	ug/l	98
43) Isopropyl Acetate	8.18	43	18078	2.181	ug/l #	83
95) Naphthalene	15.13	128	17672	3.258	ug/l	98

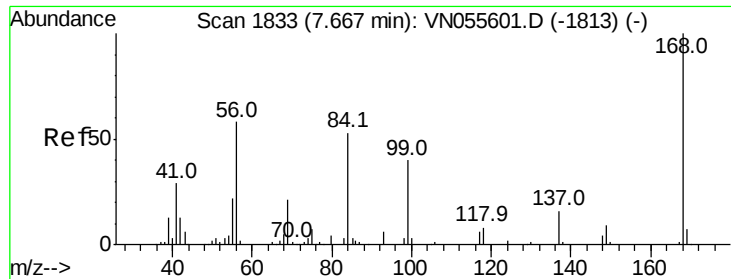
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN051719\
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Acq On : 18 May 2019 9:14
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MSVOA_N
ClientSampled :
TP-20-S

Quant Time: May 20 03:42:36 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N051719W.M
Quant Title : SW846 8260
QLast Update : Fri May 17 23:54:12 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN055653.D

Acq: 18 May 2019 9:14

Instrument :

MSVOA_N

ClientSampleId :

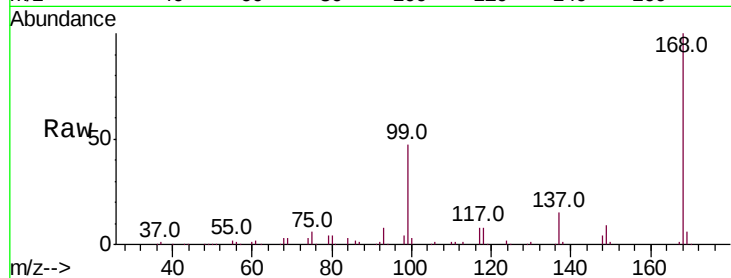
TP-20-S

Tot Ion:168 Resp: 417671

Ion Ratio Lower Upper

168 100

99 47.3 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): VN055601.D (-1813) (-)

Ion 98.90 (98.60 to 99.60): VN055601.D (-1813) (-)

7.67

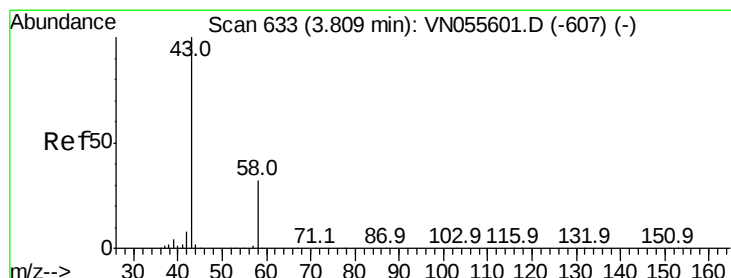
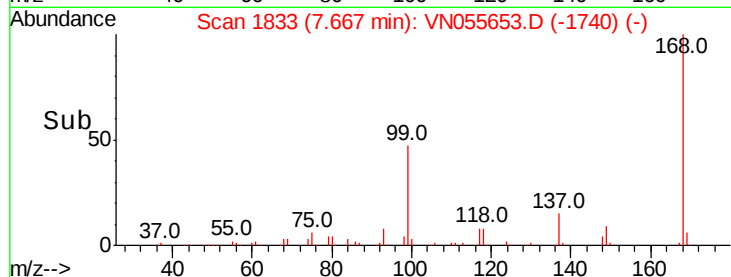
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 5.760 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN055653.D

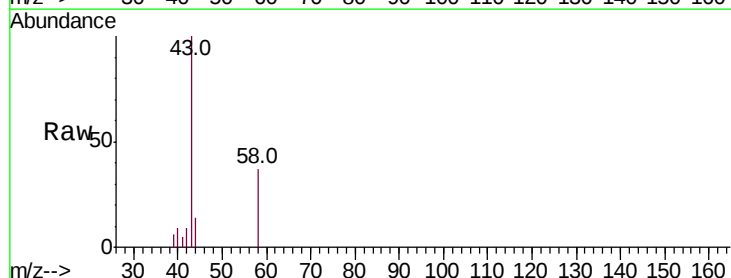
Acq: 18 May 2019 9:14

Tgt Ion: 43 Resp: 10763

Ion Ratio Lower Upper

43 100

58 39.1 26.0 39.0#



Abundance Ion 43.00 (42.70 to 43.70): VN055601.D (-607) (-)

Ion 58.00 (57.70 to 58.70): VN055601.D (-607) (-)

3.82

4000

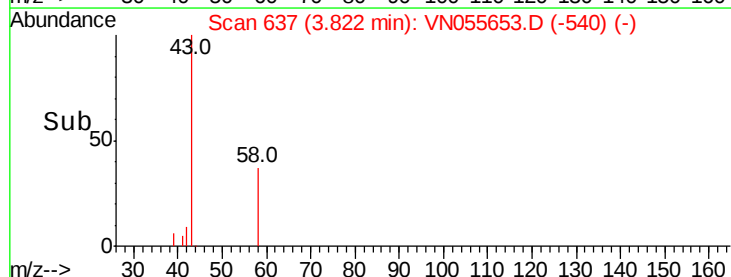
3000

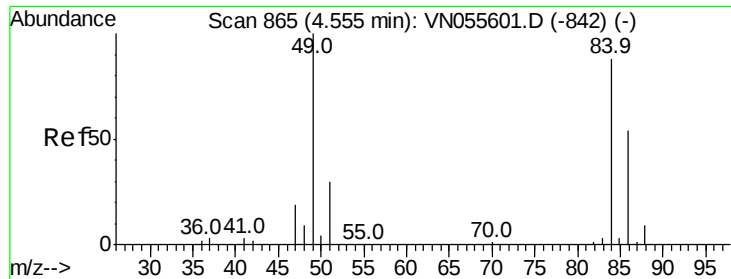
2000

1000

0

Time-->





#20

Methvlene Chloride

Concen: 90.840 ug/l

RT: 4.56 min Scan# 866

Delta R.T. 0.00 min

Lab File: VN055653.D

Acq: 18 May 2019 9:14

Instrument :

MSVOA_N

ClientSampled :

TP-20-S

Tot Ion: 84 Resp: 387355

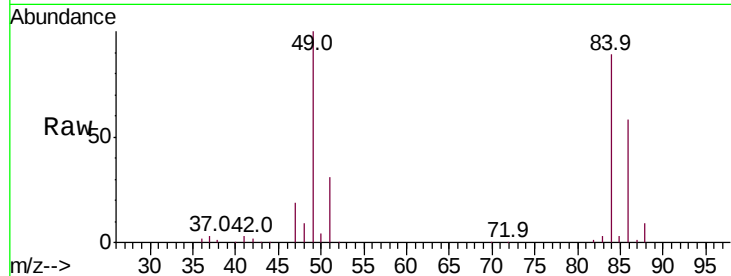
Ion Ratio Lower Upper

84 100

49 112.0 91.0 136.4

51 35.1 27.5 41.3

86 65.2 49.4 74.0

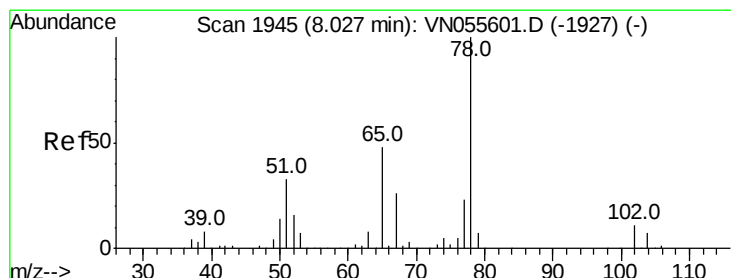
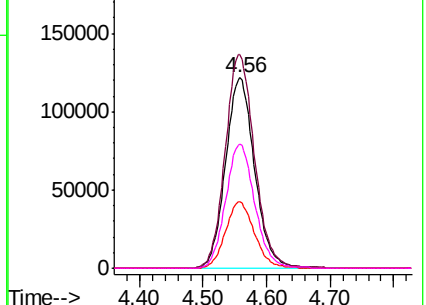
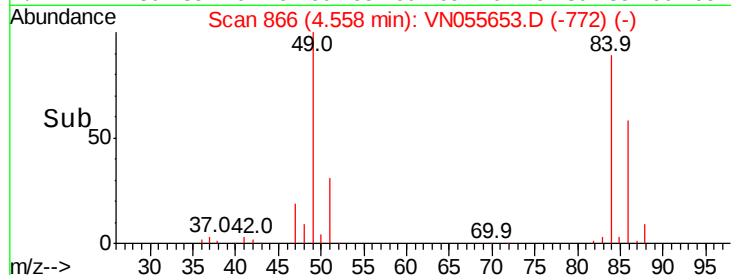


Abundance Ion 83.90 (83.60 to 84.60): VN0

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



#33

1,2-Dichloroethane-d4

Concen: 42.083 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN055653.D

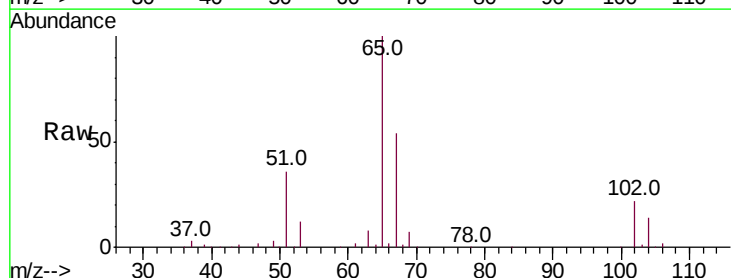
Acq: 18 May 2019 9:14

Tgt Ion: 65 Resp: 192678

Ion Ratio Lower Upper

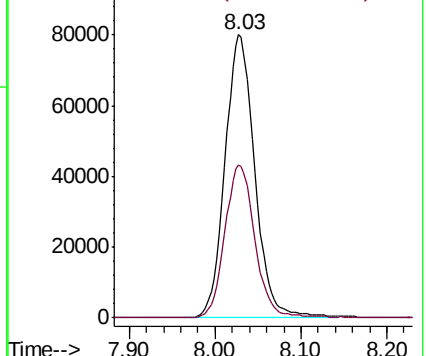
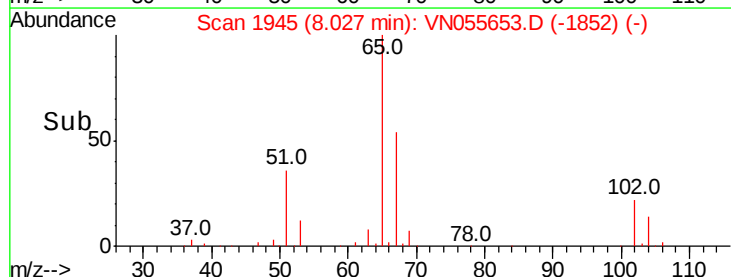
65 100

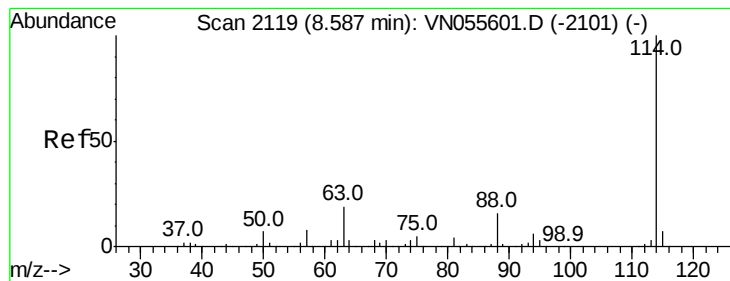
67 54.6 0.0 108.6



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN055653.D

Acq: 18 May 2019 9:14

Instrument :

MSVOA_N

ClientSampleId :

TP-20-S

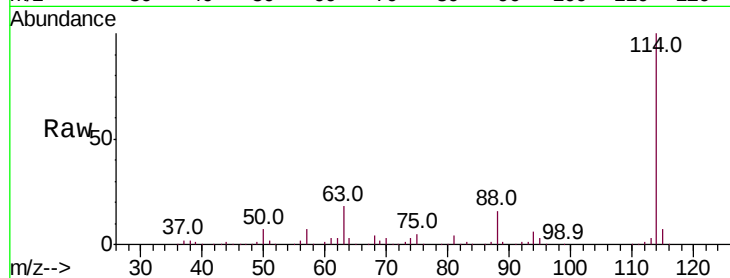
Tot Ion:114 Resp: 592347

Ion Ratio Lower Upper

114 100

63 18.3 0.0 38.2

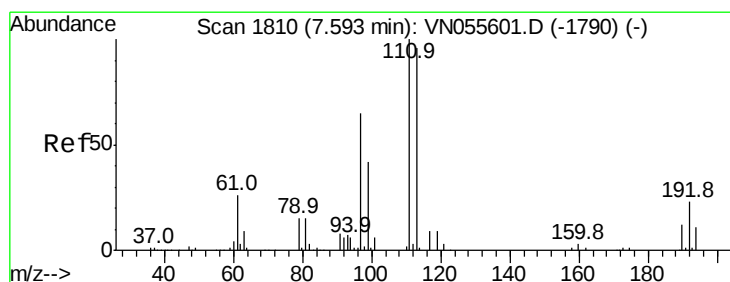
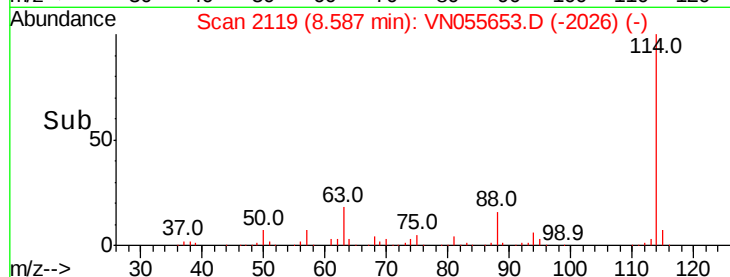
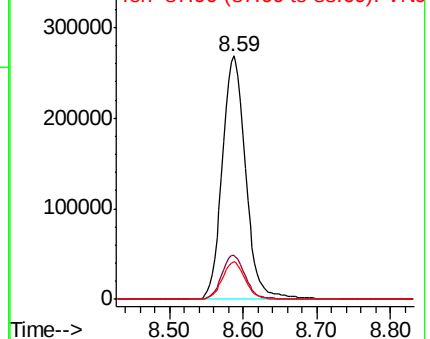
88 15.5 0.0 31.0



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



#35

Dibromofluoromethane

Concen: 48.788 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN055653.D

Acq: 18 May 2019 9:14

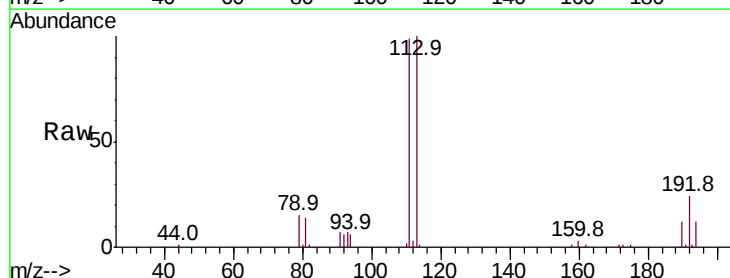
Tgt Ion:113 Resp: 183582

Ion Ratio Lower Upper

113 100

111 101.1 82.5 123.7

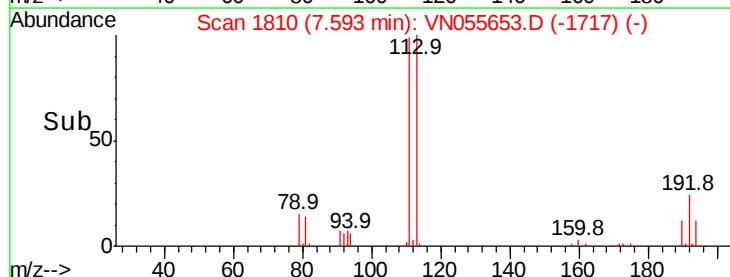
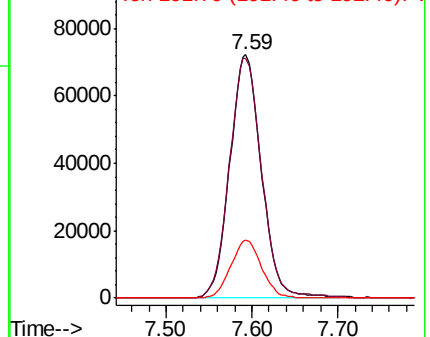
192 23.4 18.7 28.1

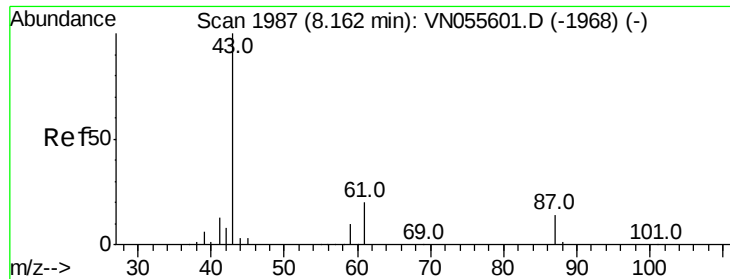


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 2.181 ug/l

RT: 8.18 min Scan# 1993

Delta R.T. 0.02 min

Lab File: VN055653.D

Acq: 18 May 2019 9:14

Instrument :

MSVOA_N

ClientSampleId :

TP-20-S

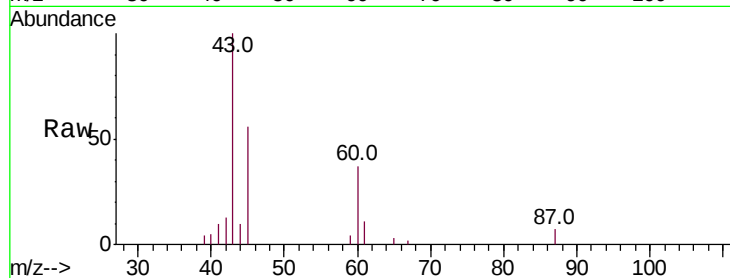
Tot Ion: 43 Resp: 18078

Ion Ratio Lower Upper

43 100

61 17.0 22.1 33.1#

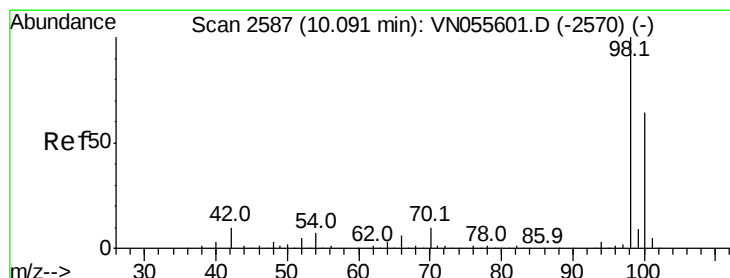
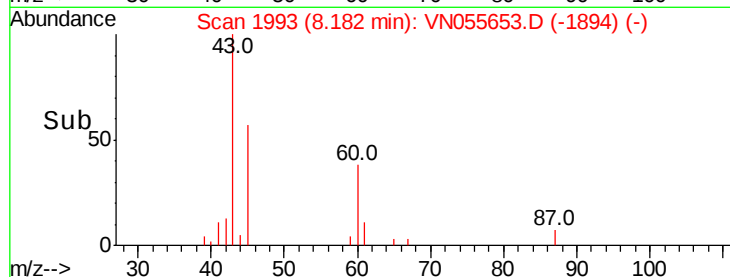
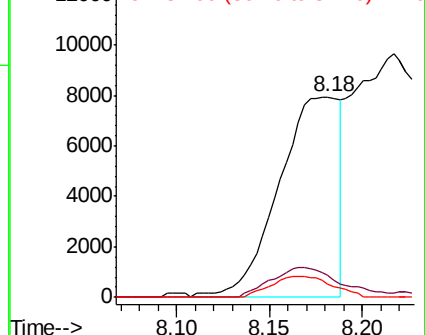
87 10.4 11.8 17.6#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#50

Toluene-d8

Concen: 48.035 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055653.D

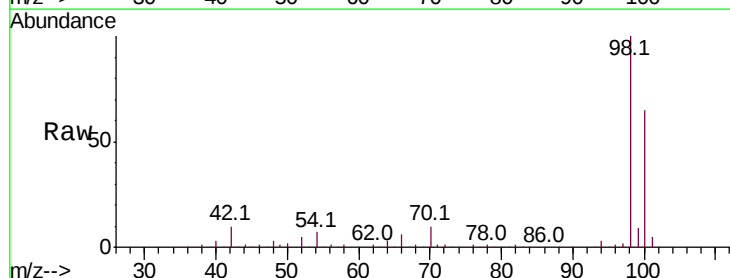
Acq: 18 May 2019 9:14

Tgt Ion: 98 Resp: 683440

Ion Ratio Lower Upper

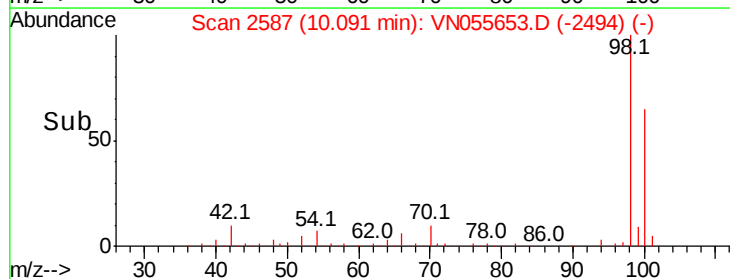
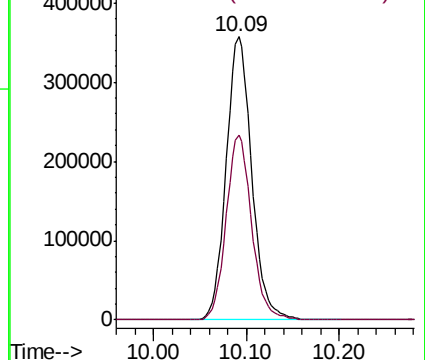
98 100

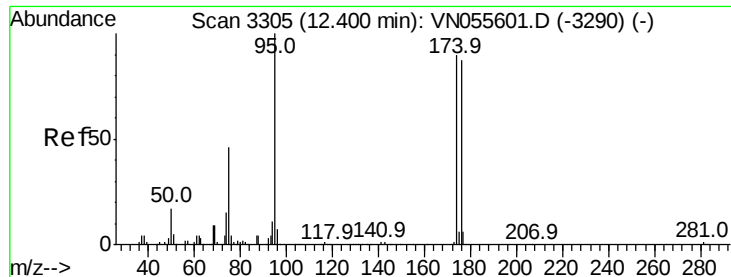
100 64.9 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0

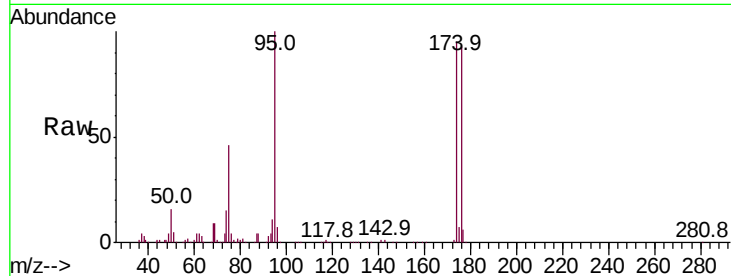




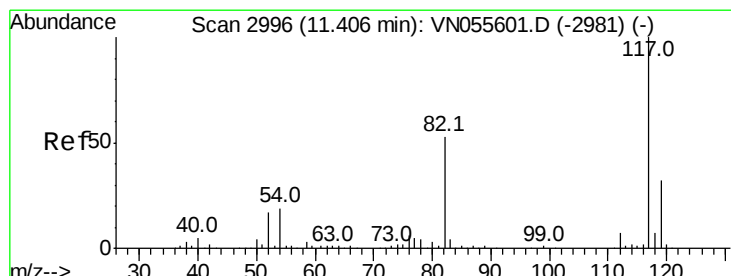
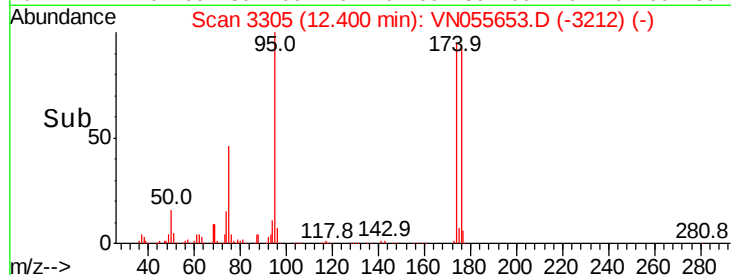
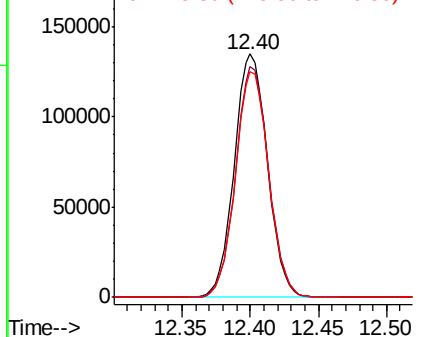
#62
4-Bromofluorobenzene
Concen: 46.381 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN055653.D
Acq: 18 May 2019 9:14

Instrument :
MSVOA_N
ClientSampleId :
TP-20-S

Tot Ion: 95 Resp: 227875
Ion Ratio Lower Upper
95 100
174 94.1 0.0 180.6
176 92.6 0.0 177.4

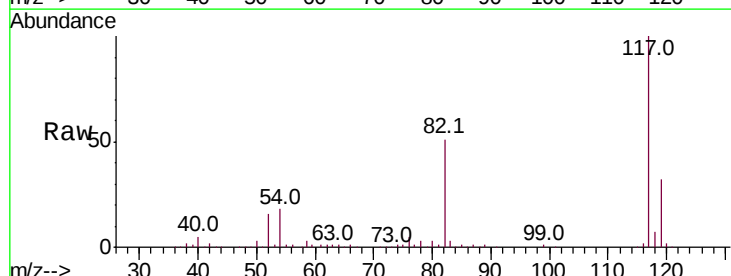


Abundance Ion 94.90 (94.60 to 95.60): VN055601.D (-3290) (-)
Ion 173.80 (173.50 to 174.50): VN055601.D (-3290) (-)
Ion 175.80 (175.50 to 176.50): VN055601.D (-3290) (-)

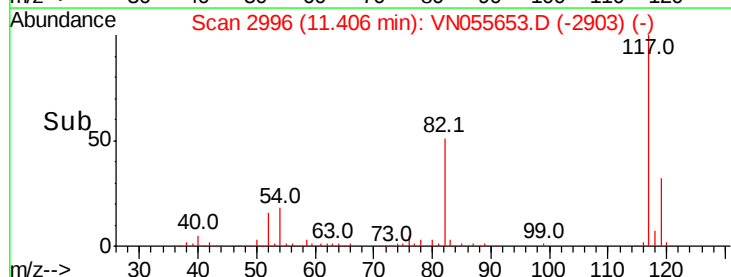
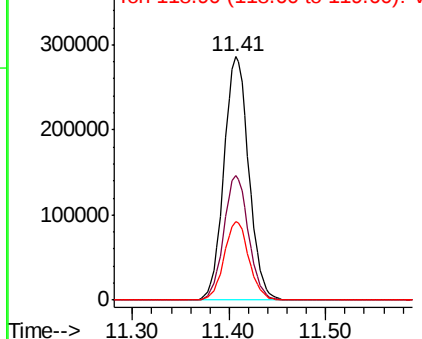


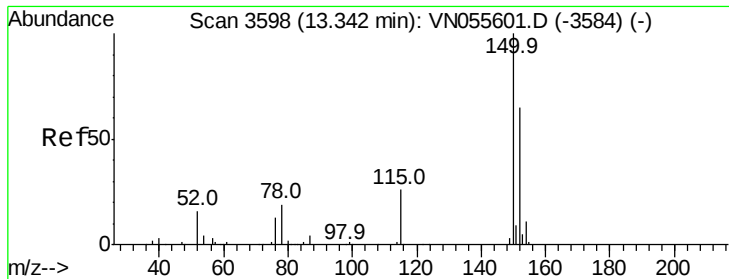
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055653.D
Acq: 18 May 2019 9:14

Tgt Ion: 117 Resp: 508828
Ion Ratio Lower Upper
117 100
82 51.1 42.3 63.5
119 32.1 25.4 38.2



Abundance Ion 116.90 (116.60 to 117.60): VN055601.D (-2981) (-)
Ion 82.00 (81.70 to 82.70): VN055601.D (-2981) (-)
Ion 118.90 (118.60 to 119.60): VN055601.D (-2981) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN055653.D

Acq: 18 May 2019 9:14

Instrument :

MSVOA_N

ClientSampled :

TP-20-S

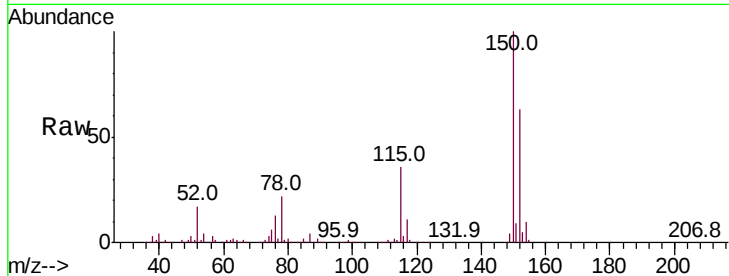
Tot Ion:152 Resp: 219539

Ion Ratio Lower Upper

152 100

115 55.7 28.1 84.2

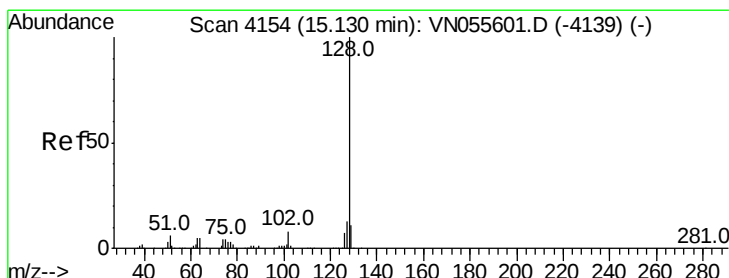
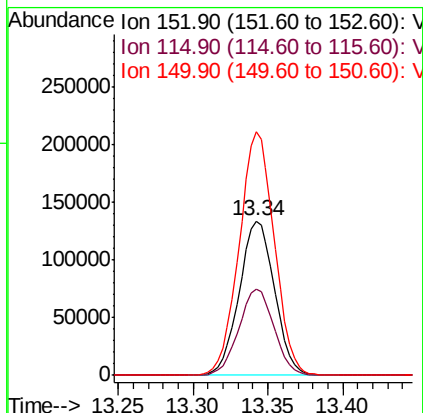
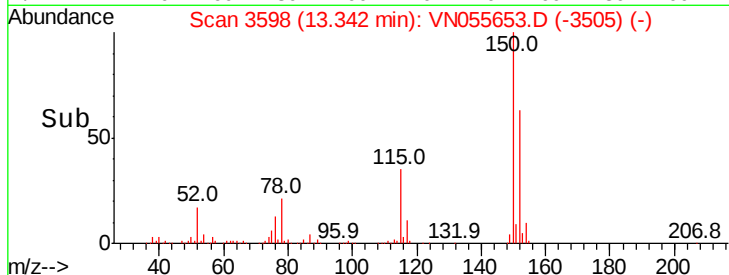
150 156.6 0.0 348.0



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



#95

Naphthalene

Concen: 3.258 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN055653.D

Acq: 18 May 2019 9:14

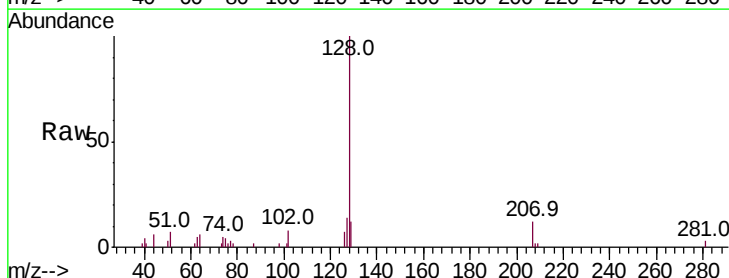
Tgt Ion:128 Resp: 17672

Ion Ratio Lower Upper

128 100

127 12.0 10.2 15.4

129 11.7 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

