

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN051719\
 Data File : VN055641.D
 Acq On : 18 May 2019 4:33
 Operator : JC/SP
 Sample : K2903-05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-17A_R2

Quant Time: May 18 06:12:27 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

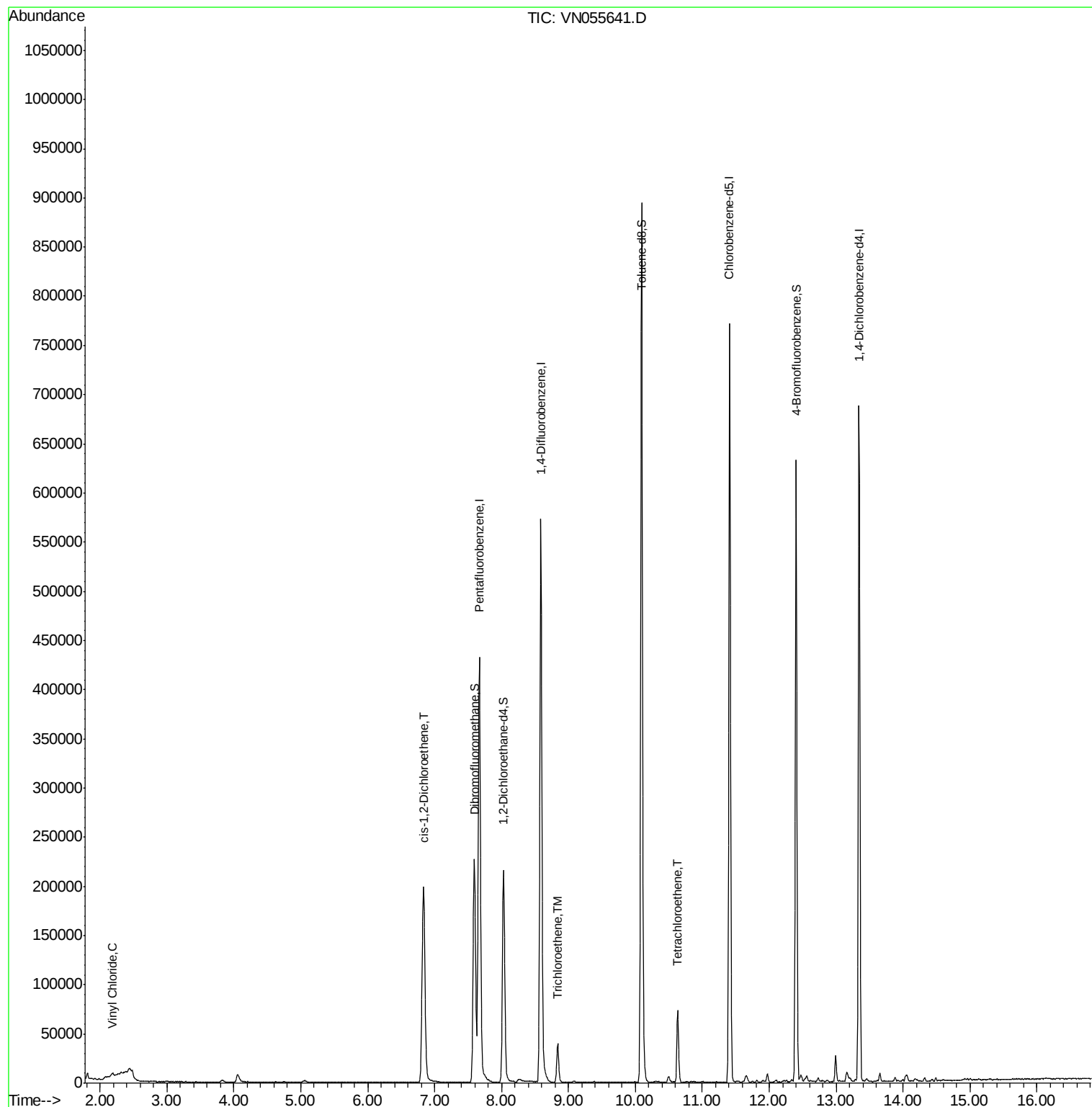
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	412787	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	586988	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	494488	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	202169	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	190732	42.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.30%	
35) Dibromofluoromethane	7.59	113	180866	48.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.02%	
50) Toluene-d8	10.09	98	673665	47.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.56%	
62) 4-Bromofluorobenzene	12.40	95	219565	45.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.20%	
Target Compounds						
4) Vinyl Chloride	2.18	62	2212	0.482	ug/l	97
27) cis-1,2-Dichloroethene	6.83	96	147760	31.597	ug/l	88
44) Trichloroethene	8.84	130	16774	3.862	ug/l	99
64) Tetrachloroethene	10.63	164	19400	4.974	ug/l	98

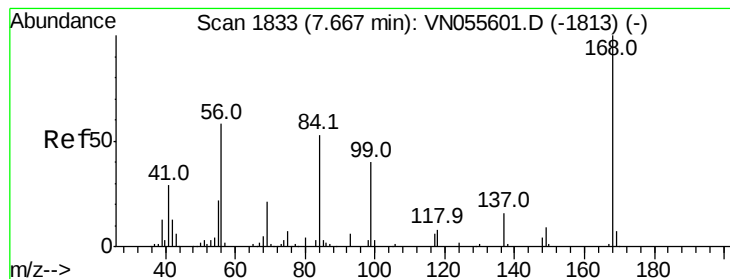
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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# 1834

Delta R.T. 0.00 min

Lab File: VN055641.D

Acq: 18 May 2019 4:33

Instrument :

MSVOA_N

ClientSampleId :

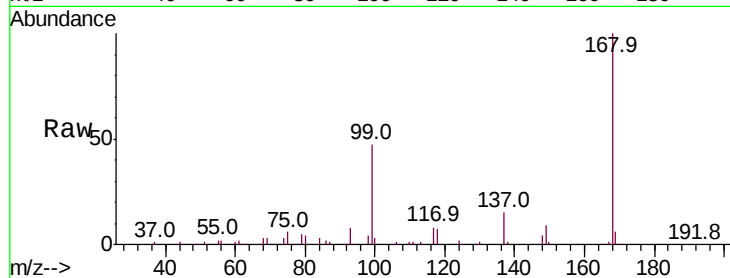
MW-17A_R2

Tot Ion:168 Resp: 412787

Ion Ratio Lower Upper

168 100

99 47.2 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

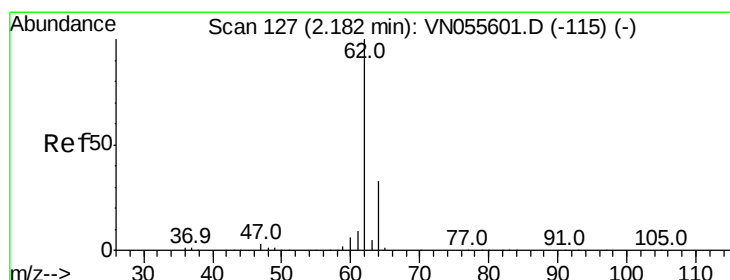
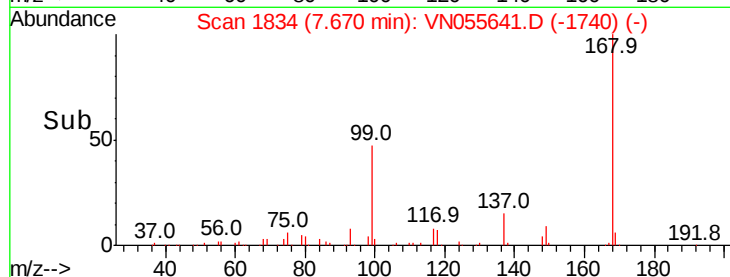
150000

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 0.482 ug/l

RT: 2.18 min Scan# 128

Delta R.T. 0.00 min

Lab File: VN055641.D

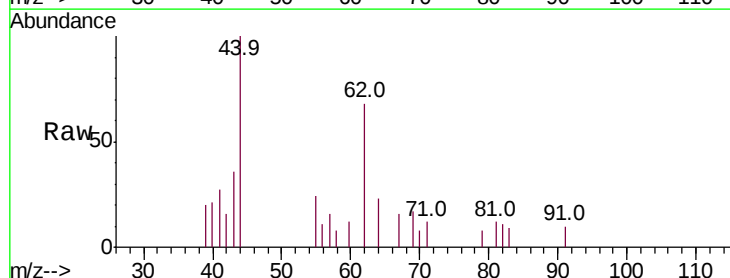
Acq: 18 May 2019 4:33

Tgt Ion: 62 Resp: 2212

Ion Ratio Lower Upper

62 100

64 34.4 26.2 39.4



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO

2.18

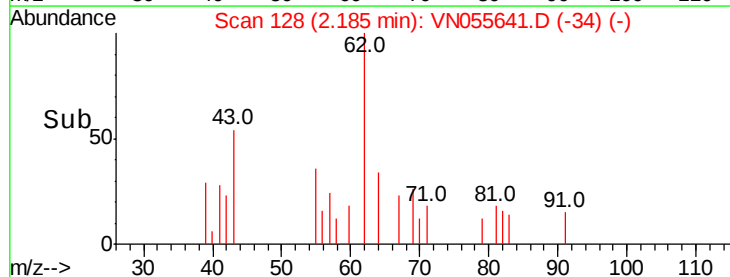
1500

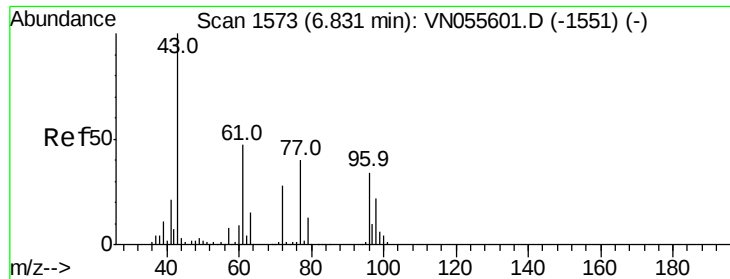
1000

500

0

Time-->





#27

cis-1,2-Dichloroethene

Concen: 31.597 ug/l

RT: 6.83 min Scan# 1574

Delta R.T. 0.00 min

Lab File: VN055641.D

Acq: 18 May 2019 4:33

Instrument :

MSVOA_N

ClientSampleId :

MW-17A_R2

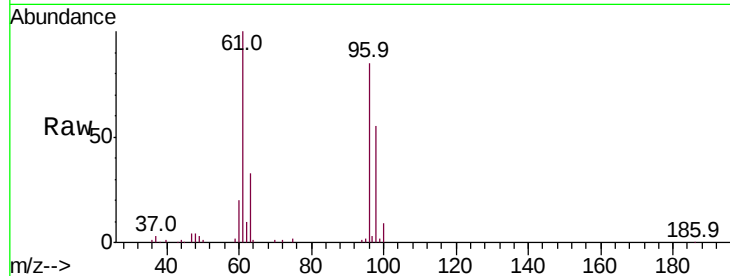
Tot Ion: 96 Resp: 147760

Ion Ratio Lower Upper

96 100

61 118.6 0.0 279.0

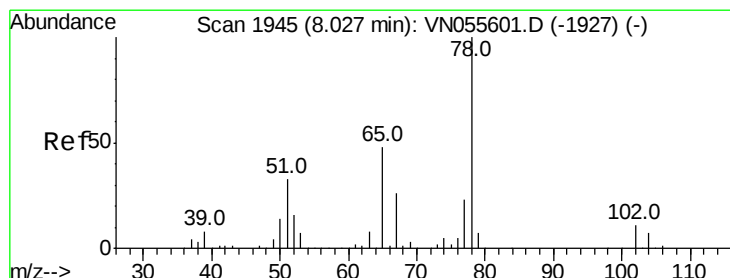
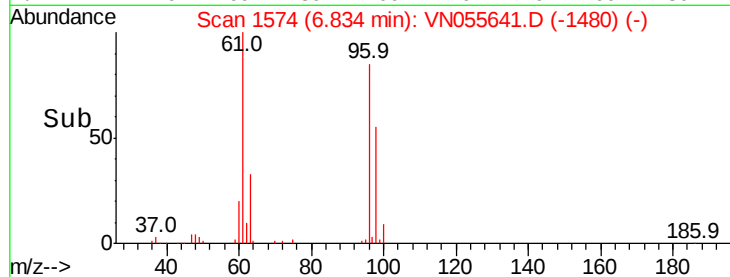
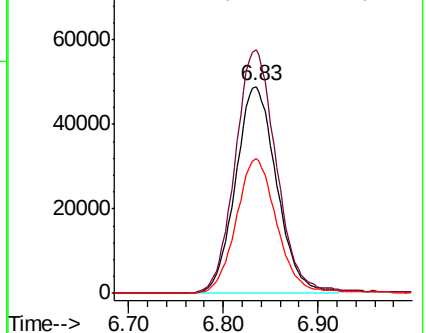
98 64.5 0.0 131.6



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#33

1,2-Dichloroethane-d4

Concen: 42.151 ug/l

RT: 8.03 min Scan# 1946

Delta R.T. 0.00 min

Lab File: VN055641.D

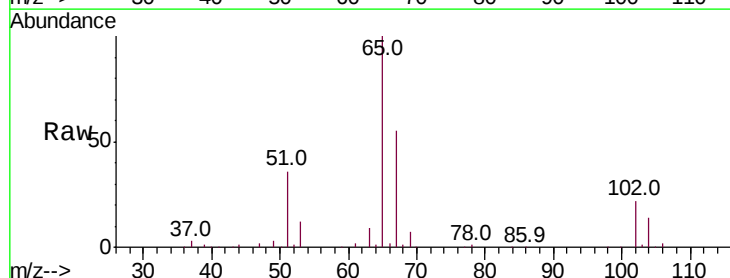
Acq: 18 May 2019 4:33

Tgt Ion: 65 Resp: 190732

Ion Ratio Lower Upper

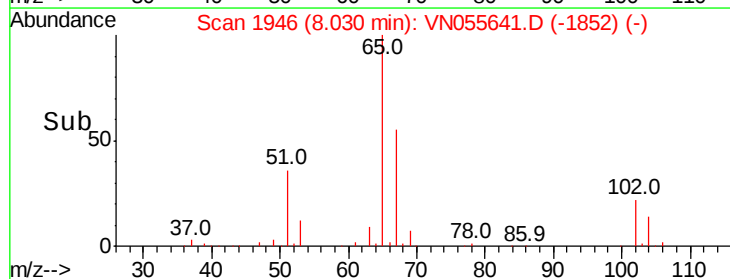
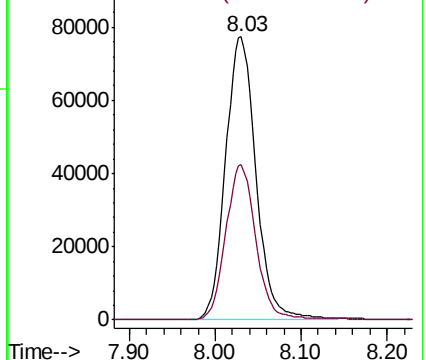
65 100

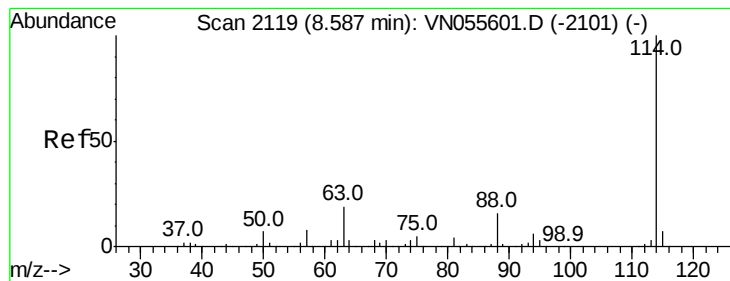
67 54.2 0.0 108.6



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: VN055641.D

Acq: 18 May 2019 4:33

Instrument :

MSVOA_N

ClientSampleId :

MW-17A_R2

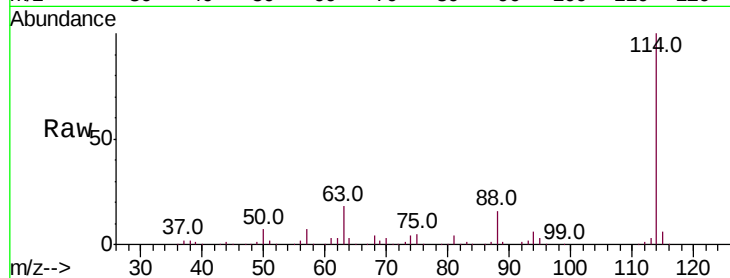
Tot Ion:114 Resp: 586988

Ion Ratio Lower Upper

114 100

63 18.4 0.0 38.2

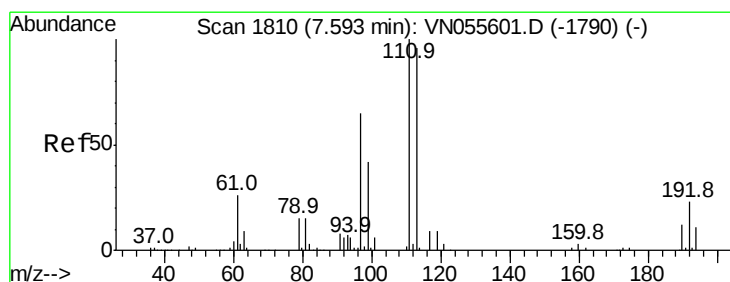
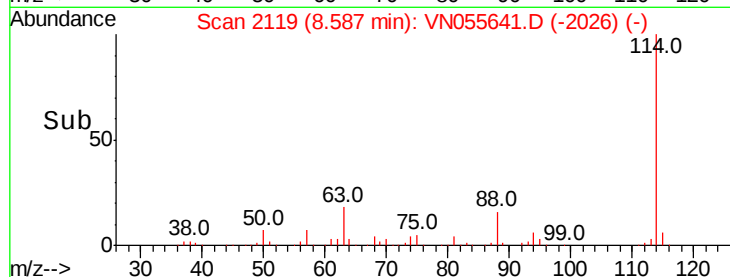
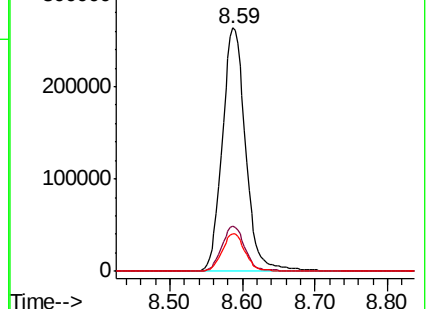
88 15.5 0.0 31.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0



#35

Dibromofluoromethane

Concen: 48.505 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VN055641.D

Acq: 18 May 2019 4:33

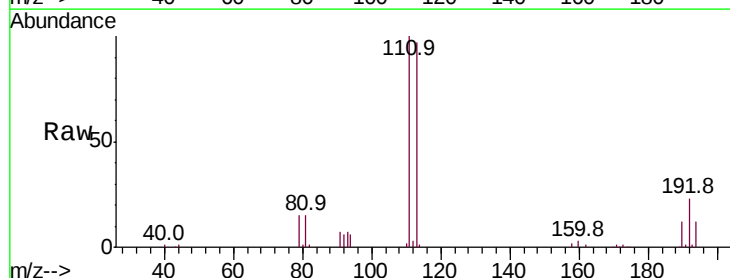
Tgt Ion:113 Resp: 180866

Ion Ratio Lower Upper

113 100

111 101.9 82.5 123.7

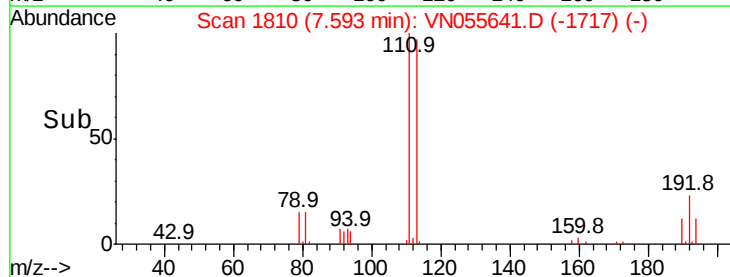
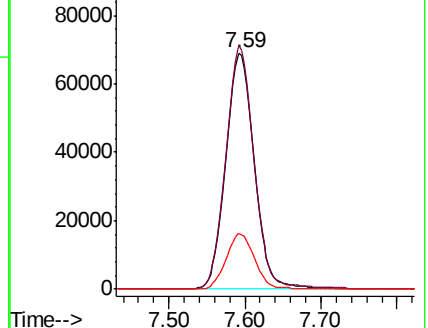
192 23.3 18.7 28.1

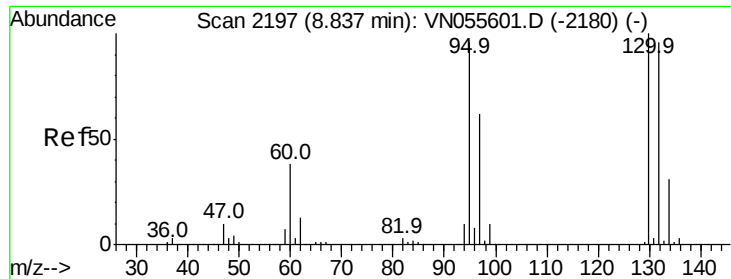


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 3.862 ug/l

RT: 8.84 min Scan# 2197

Delta R.T. -0.00 min

Lab File: VN055641.D

Acq: 18 May 2019 4:33

Instrument :

MSVOA_N

ClientSampleId :

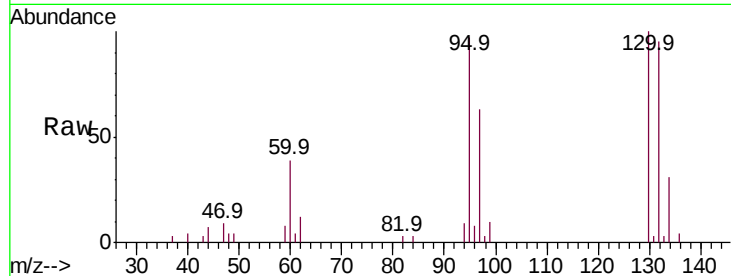
MW-17A_R2

Tot Ion:130 Resp: 16774

Ion Ratio Lower Upper

130 100

95 96.9 0.0 191.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN

8.84

8000

6000

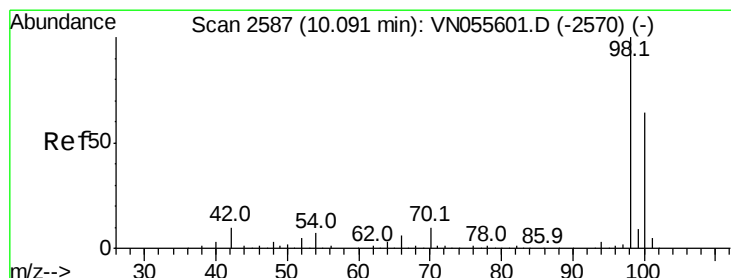
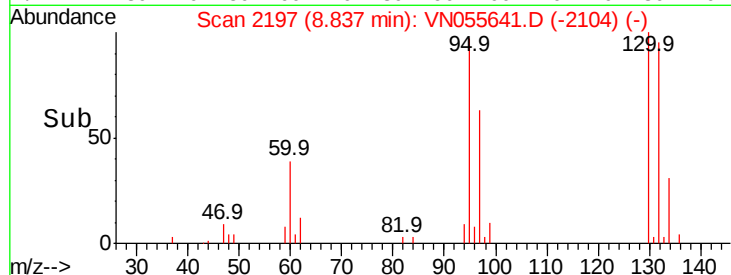
4000

2000

0

Time-->

8.75 8.80 8.85 8.90



#50

Toluene-d8

Concen: 47.781 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN055641.D

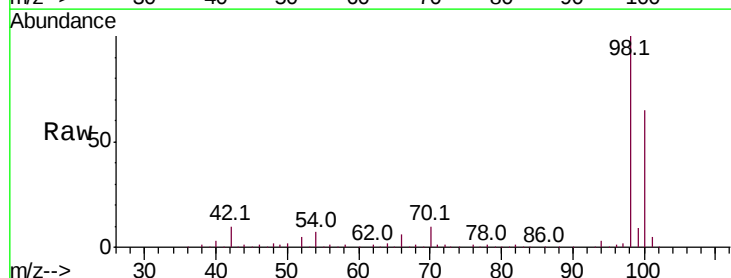
Acq: 18 May 2019 4:33

Tgt Ion: 98 Resp: 673665

Ion Ratio Lower Upper

98 100

100 64.9 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN

Ion 100.00 (99.70 to 100.70): VN

10.09

400000

300000

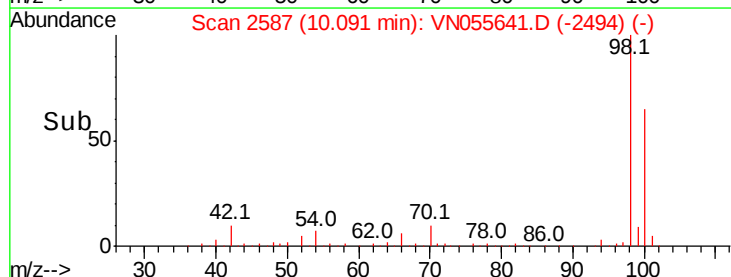
200000

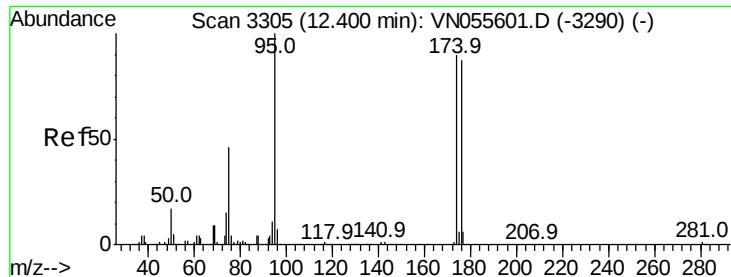
100000

0

Time-->

10.00 10.10 10.20

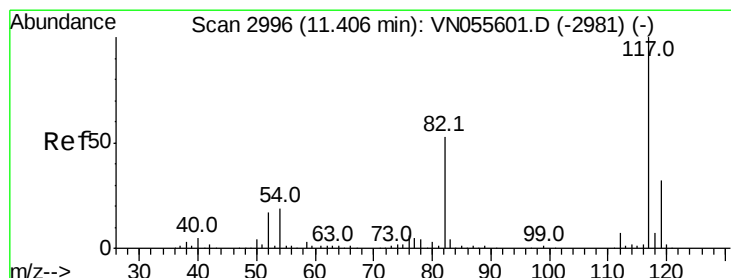
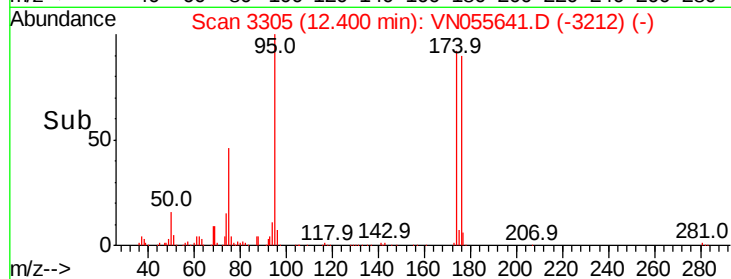
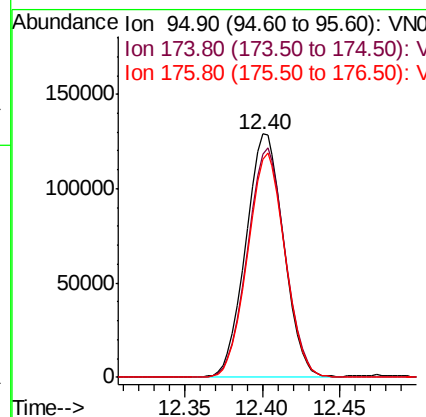
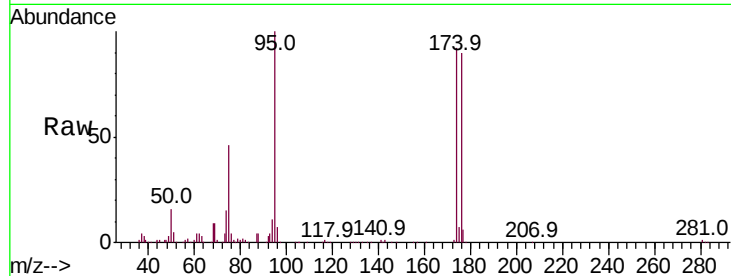




#62
4-Bromofluorobenzene
Concen: 45.098 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN055641.D
Acq: 18 May 2019 4:33

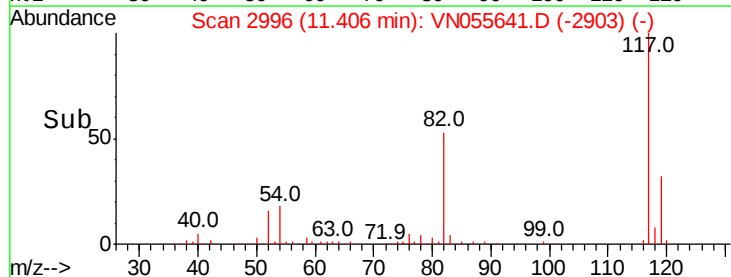
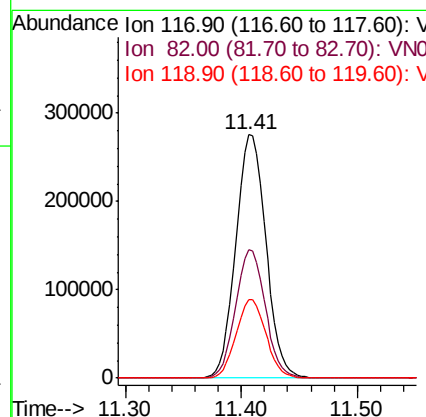
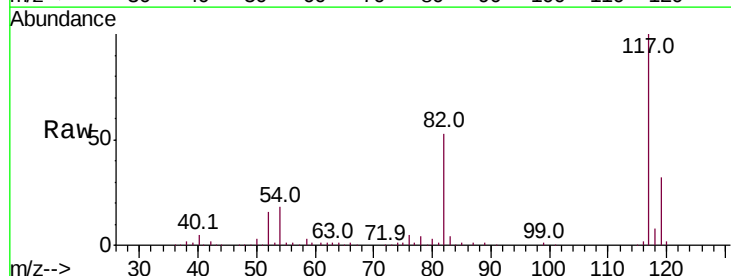
Instrument :
MSVOA_N
ClientSampleId :
MW-17A_R2

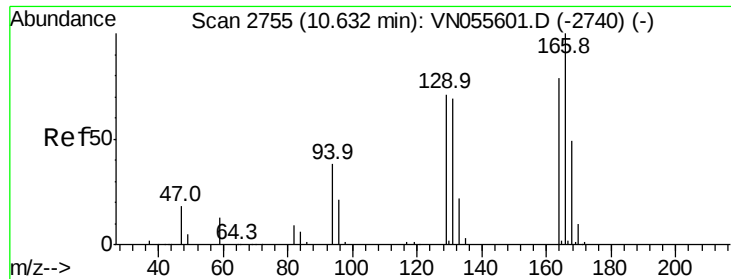
Tot Ion: 95 Resp: 219565
Ion Ratio Lower Upper
95 100
174 93.9 0.0 180.6
176 91.2 0.0 177.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN055641.D
Acq: 18 May 2019 4:33

Tgt Ion: 117 Resp: 494488
Ion Ratio Lower Upper
117 100
82 52.8 42.3 63.5
119 32.2 25.4 38.2





#64

Tetrachloroethene

Concen: 4.974 ug/l

RT: 10.63 min Scan# 2755

Delta R.T. -0.00 min

Lab File: VN055641.D

Acq: 18 May 2019 4:33

Instrument :

MSVOA_N

ClientSampled :

MW-17A_R2

Tot Ion:164 Resp: 19400

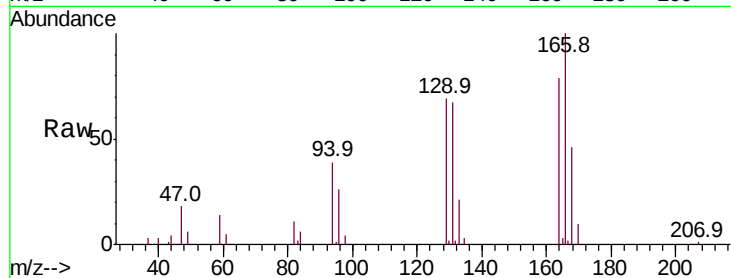
Ion Ratio Lower Upper

164 100

166 125.9 101.0 151.6

129 86.6 71.7 107.5

131 84.3 69.6 104.4

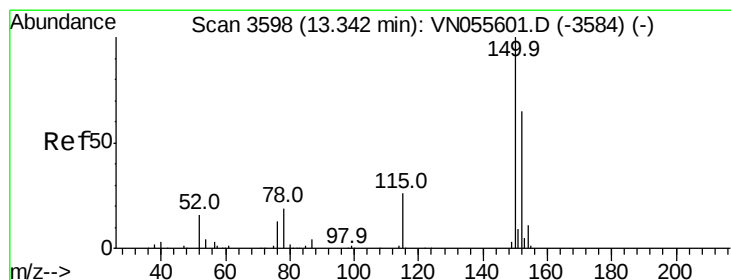
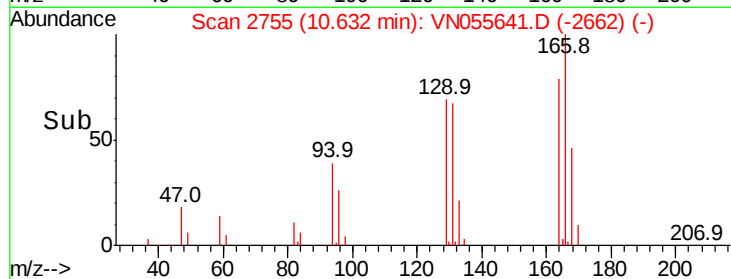
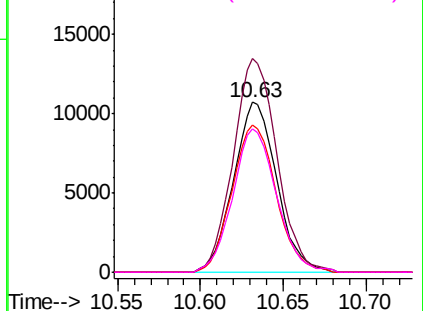


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN055641.D

Acq: 18 May 2019 4:33

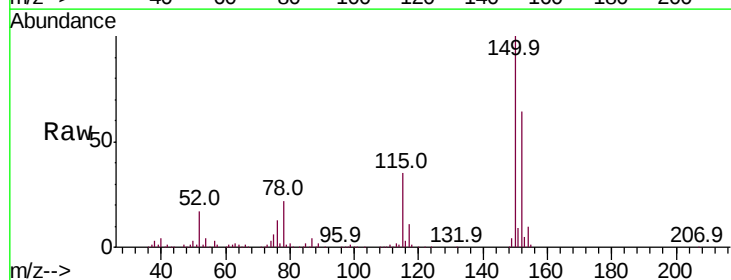
Tgt Ion:152 Resp: 202169

Ion Ratio Lower Upper

152 100

115 55.1 28.1 84.2

150 155.8 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

