

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN051719\
 Data File : VN055642.D
 Acq On : 18 May 2019 4:56
 Operator : JC/SP
 Sample : K2903-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DUP3-190516

Quant Time: May 18 06:15:17 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

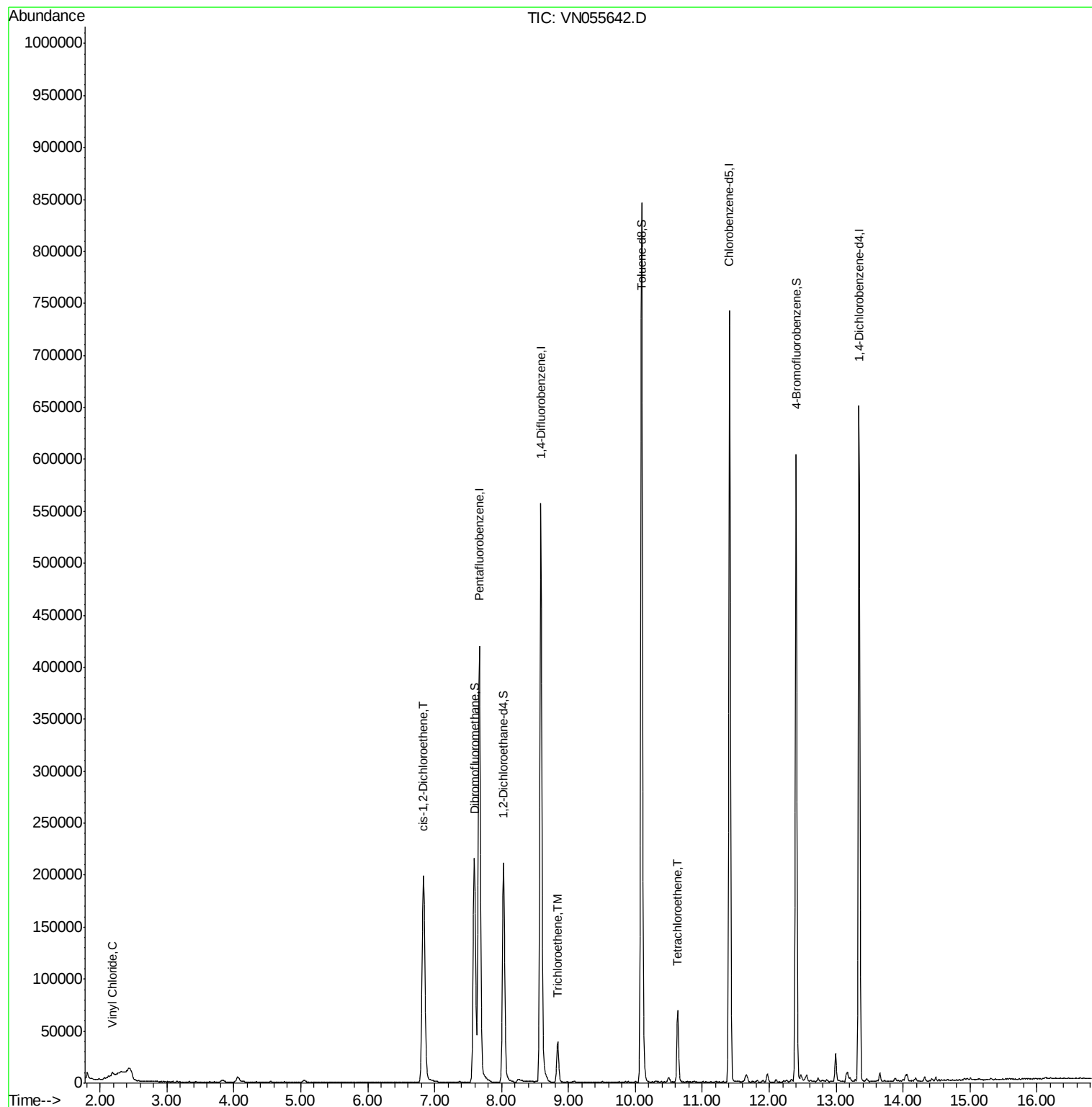
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	400187	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	564996	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	477613	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	192194	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	186137	42.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.86%	
35) Dibromofluoromethane	7.59	113	173513	48.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.68%	
50) Toluene-d8	10.09	98	650291	47.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.84%	
62) 4-Bromofluorobenzene	12.40	95	209969	44.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.62%	
Target Compounds						
4) Vinyl Chloride	2.19	62	2228	0.501	ug/l	98
27) cis-1,2-Dichloroethene	6.83	96	148280	32.707	ug/l	88
44) Trichloroethene	8.84	130	16803	4.019	ug/l	96
64) Tetrachloroethene	10.63	164	18934	5.026	ug/l	96

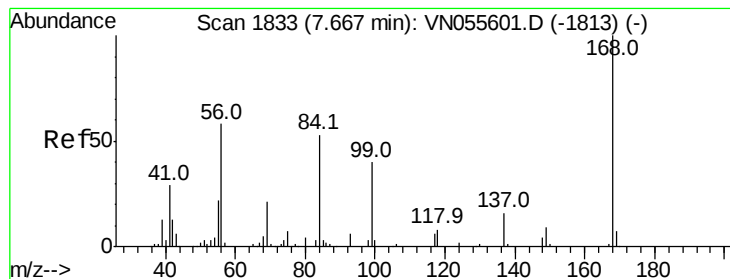
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN051719\
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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: VN055642.D

Acq: 18 May 2019 4:56

Instrument :

MSVOA_N

ClientSampleId :

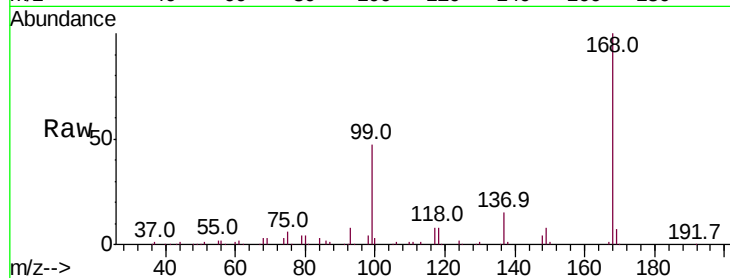
DUP3-190516

Tot Ion:168 Resp: 400187

Ion Ratio Lower Upper

168 100

99 47.4 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

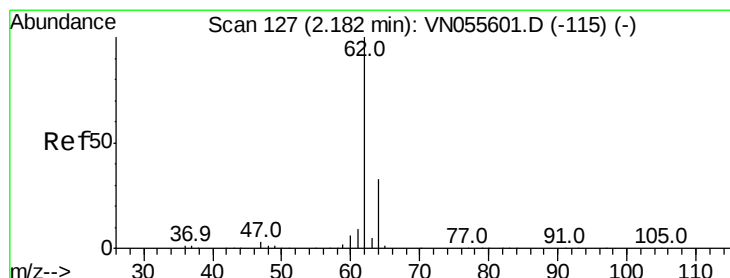
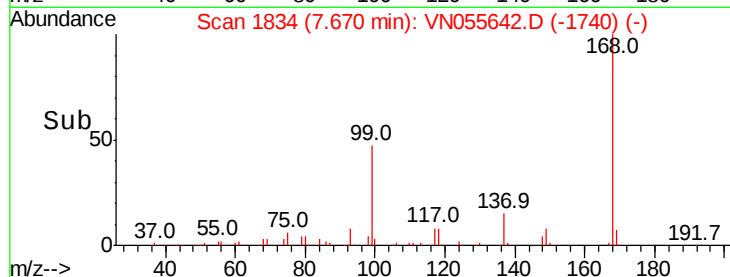
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80 7.90



#4

Vinyl Chloride

Concen: 0.501 ug/l

RT: 2.19 min Scan# 128

Delta R.T. 0.00 min

Lab File: VN055642.D

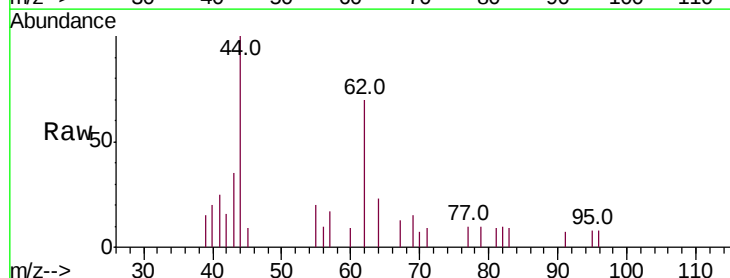
Acq: 18 May 2019 4:56

Tgt Ion: 62 Resp: 2228

Ion Ratio Lower Upper

62 100

64 33.7 26.2 39.4



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO

2.19

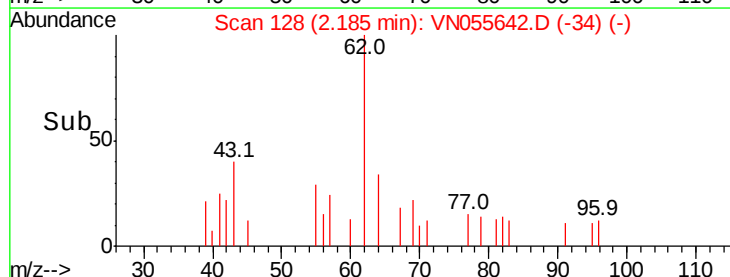
1500

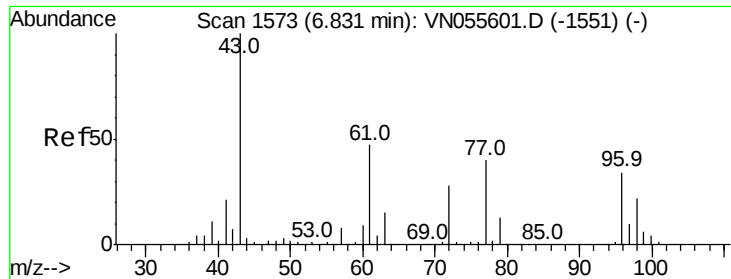
1000

500

0

Time--> 2.15 2.20





#27

cis-1,2-Dichloroethene

Concen: 32.707 ug/l

RT: 6.83 min Scan# 1574

Delta R.T. 0.00 min

Lab File: VN055642.D

Acq: 18 May 2019 4:56

Instrument :

MSVOA_N

ClientSampleId :

DUP3-190516

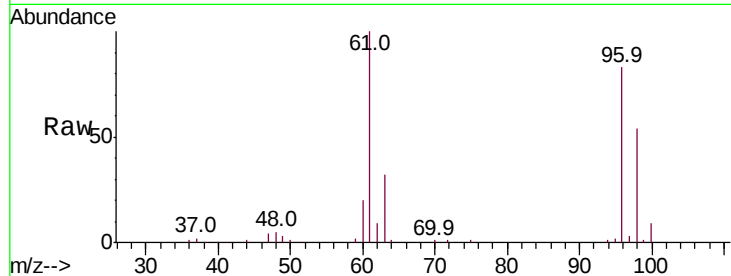
Tot Ion: 96 Resp: 148280

Ion	Ratio	Lower	Upper
96	100		
61	119.8	0.0	279.0
98	64.2	0.0	131.6

96 100

61 119.8 0.0 279.0

98 64.2 0.0 131.6

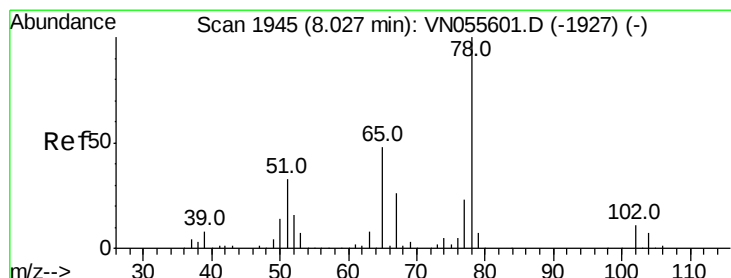
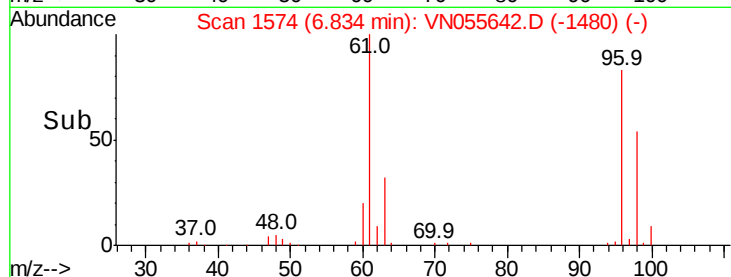
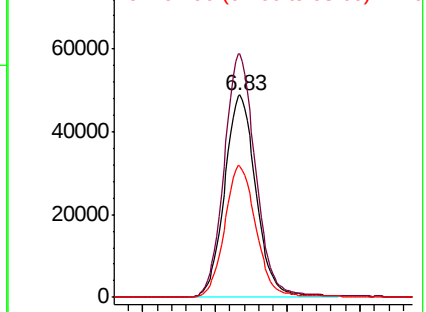


Abundance

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: 42.431 ug/l

RT: 8.03 min Scan# 1946

Delta R.T. 0.00 min

Lab File: VN055642.D

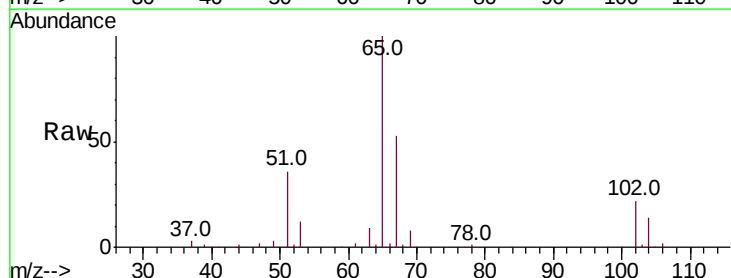
Acq: 18 May 2019 4:56

Tgt Ion: 65 Resp: 186137

Ion	Ratio	Lower	Upper
65	100		
67	53.3	0.0	108.6

65 100

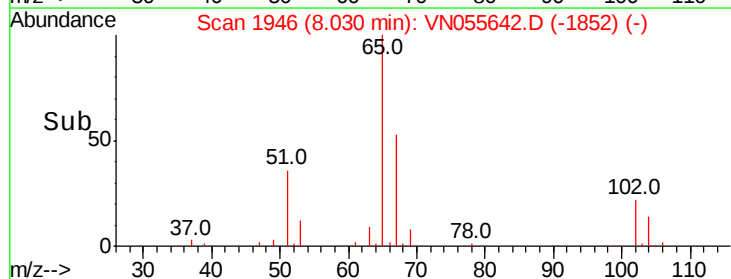
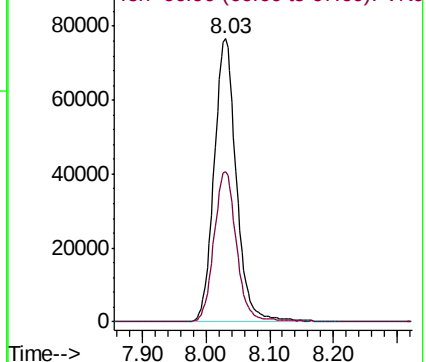
67 53.3 0.0 108.6

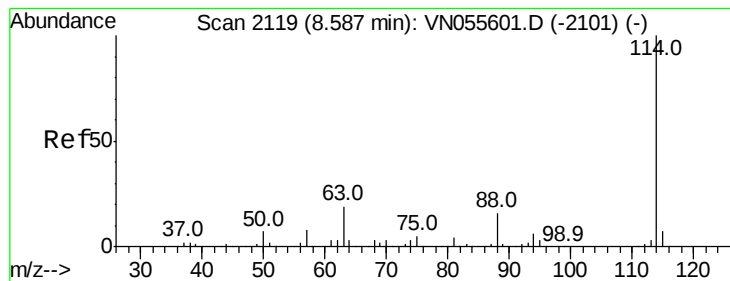


Abundance

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: VN055642.D

Acq: 18 May 2019 4:56

Instrument :

MSVOA_N

ClientSampleId :

DUP3-190516

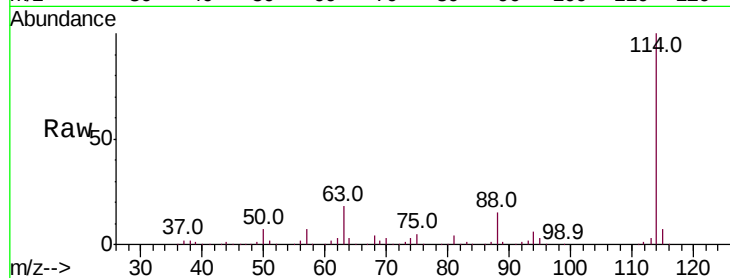
Tot Ion:114 Resp: 564996

Ion Ratio Lower Upper

114 100

63 18.3 0.0 38.2

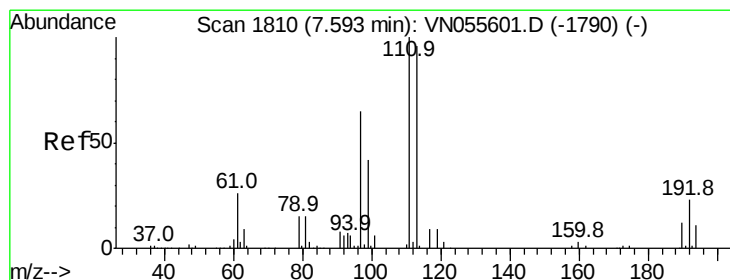
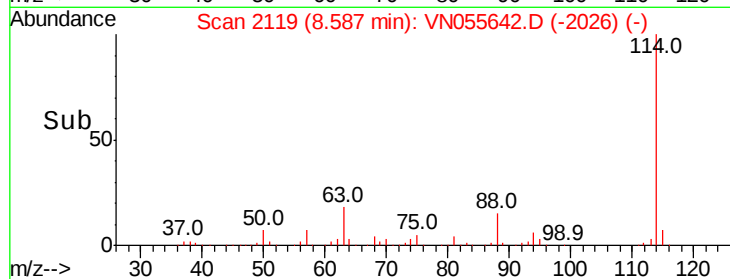
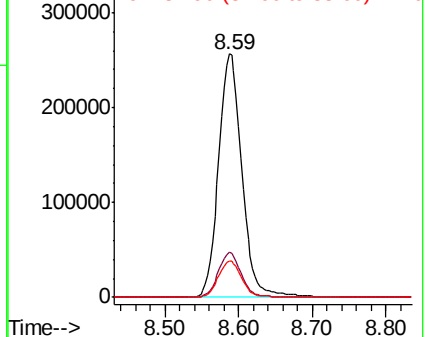
88 15.0 0.0 31.0



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: 48.344 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN055642.D

Acq: 18 May 2019 4:56

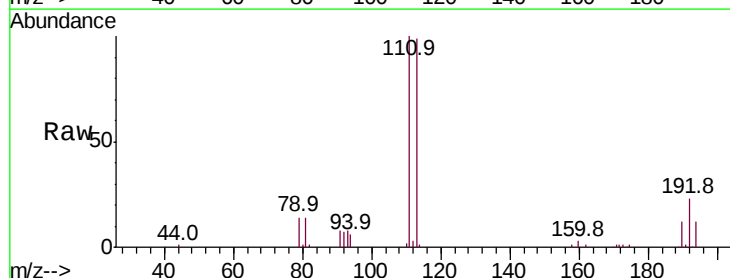
Tgt Ion:113 Resp: 173513

Ion Ratio Lower Upper

113 100

111 101.3 82.5 123.7

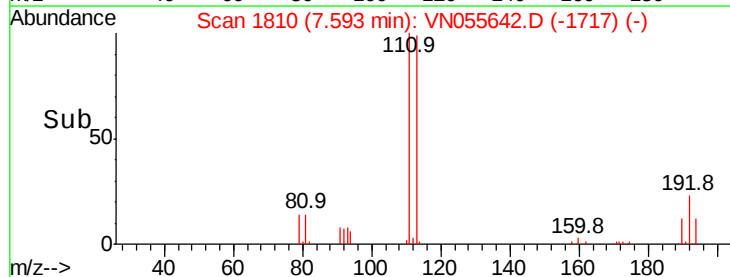
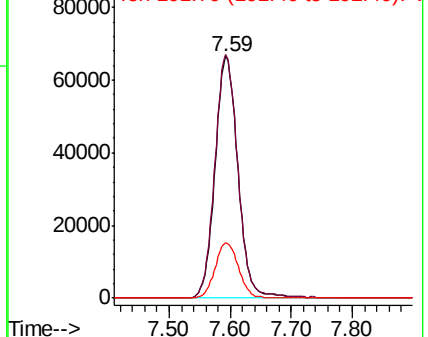
192 23.3 18.7 28.1

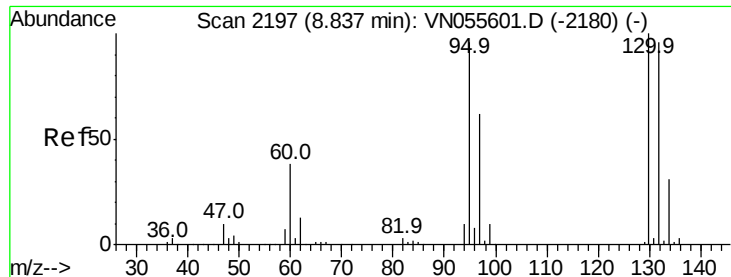


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 4.019 ug/l

RT: 8.84 min Scan# 2197

Delta R.T. 0.00 min

Lab File: VN055642.D

Acq: 18 May 2019 4:56

Instrument :

MSVOA_N

ClientSampleId :

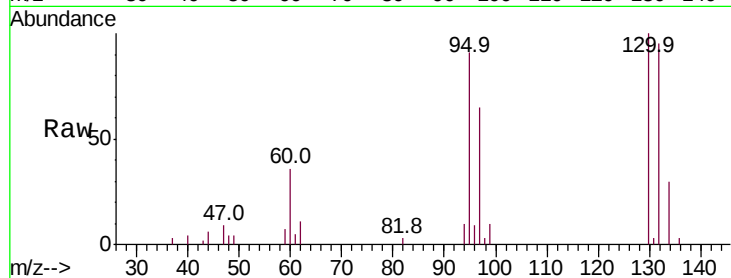
DUP3-190516

Tot Ion:130 Resp: 16803

Ion Ratio Lower Upper

130 100

95 91.4 0.0 191.0



Abundance Ion 129.80 (129.50 to 130.50): VN055601.D (-2180) (-)

Ion 94.90 (94.60 to 95.60): VN055601.D (-2180) (-)

8.84

8000

6000

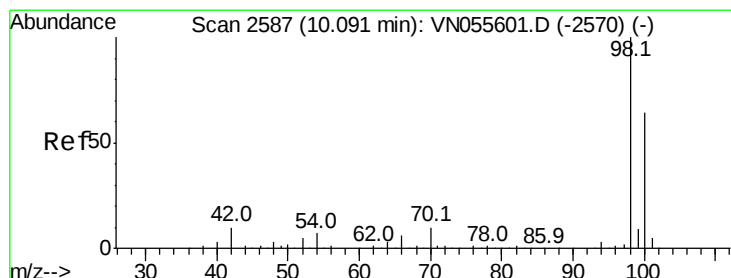
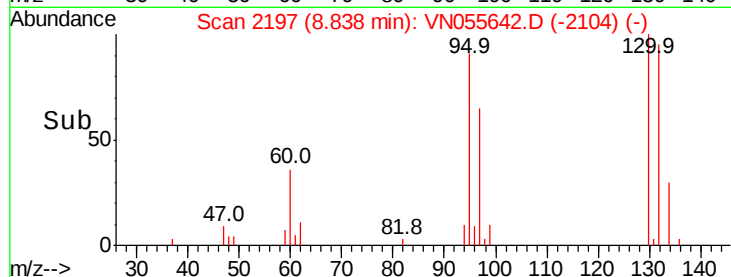
4000

2000

0

8.75 8.80 8.85 8.90

Time-->



#50

Toluene-d8

Concen: 47.918 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055642.D

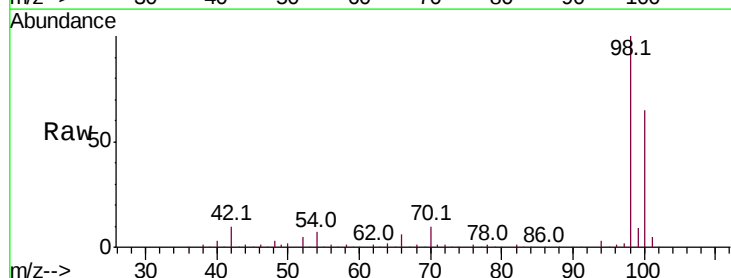
Acq: 18 May 2019 4:56

Tgt Ion: 98 Resp: 650291

Ion Ratio Lower Upper

98 100

100 64.8 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN055601.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN055601.D (-2570) (-)

10.09

400000

300000

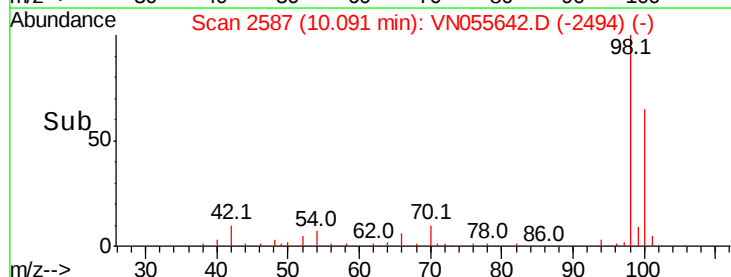
200000

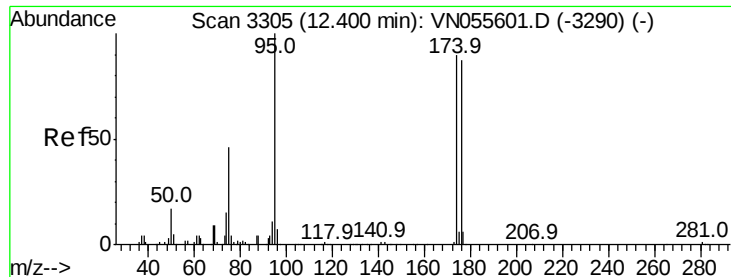
100000

0

10.00 10.10 10.20

Time-->

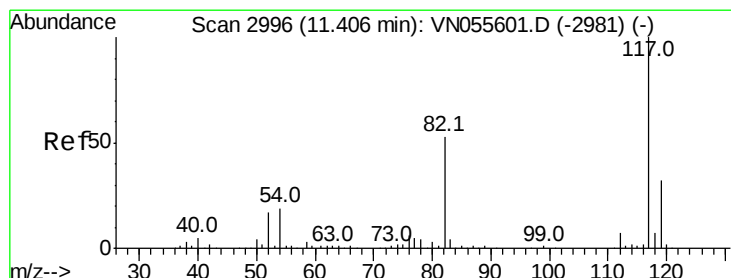
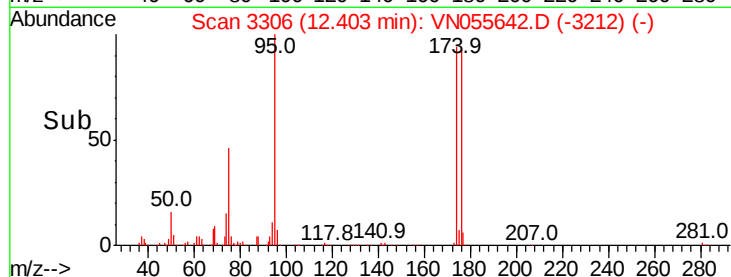
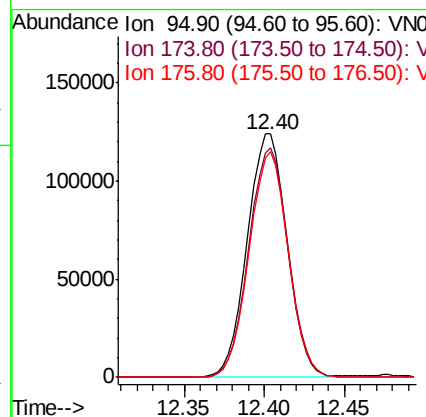
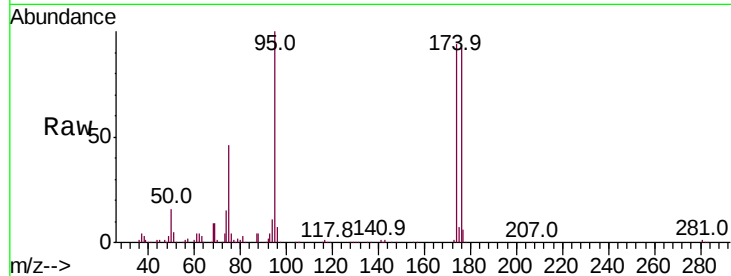




#62
4-Bromofluorobenzene
Concen: 44.806 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN055642.D
Acq: 18 May 2019 4:56

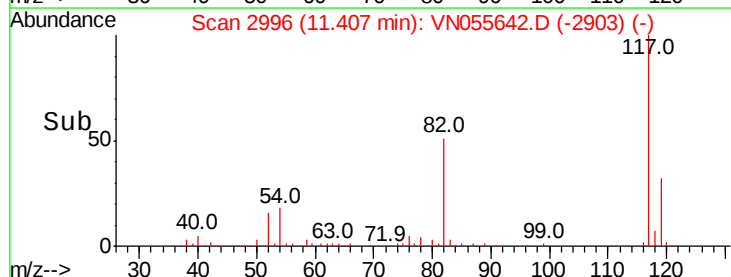
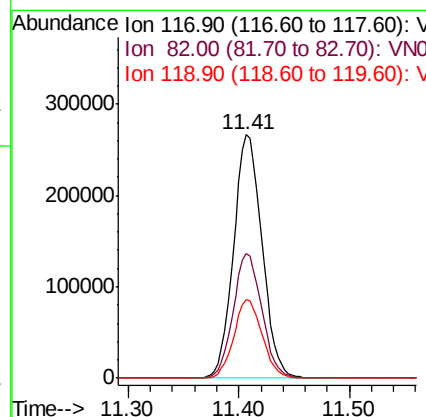
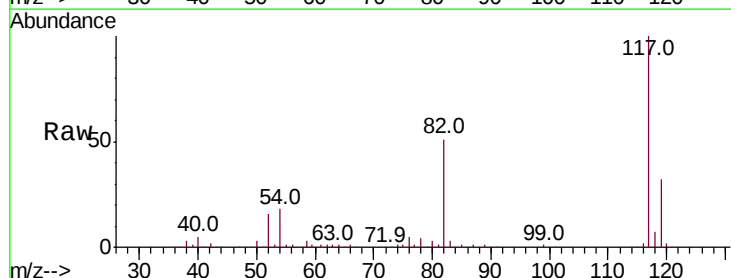
Instrument :
MSVOA_N
ClientSampleId :
DUP3-190516

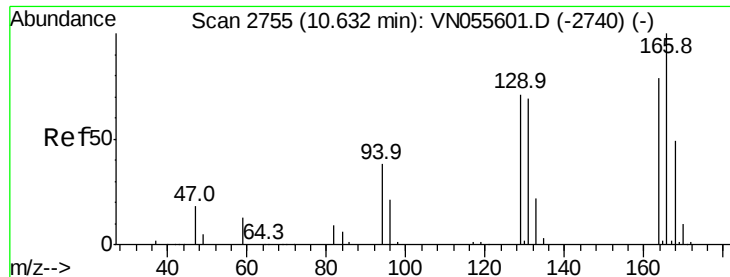
Tot Ion: 95 Resp: 209969
Ion Ratio Lower Upper
95 100
174 94.0 0.0 180.6
176 91.4 0.0 177.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055642.D
Acq: 18 May 2019 4:56

Tgt Ion: 117 Resp: 477613
Ion Ratio Lower Upper
117 100
82 51.3 42.3 63.5
119 32.0 25.4 38.2





#64

Tetrachloroethene

Concen: 5.026 ug/l

RT: 10.63 min Scan# 2755

Delta R.T. 0.00 min

Lab File: VN055642.D

Acq: 18 May 2019 4:56

Instrument :

MSVOA_N

ClientSampleId :

DUP3-190516

Tot Ion:164 Resp: 18934

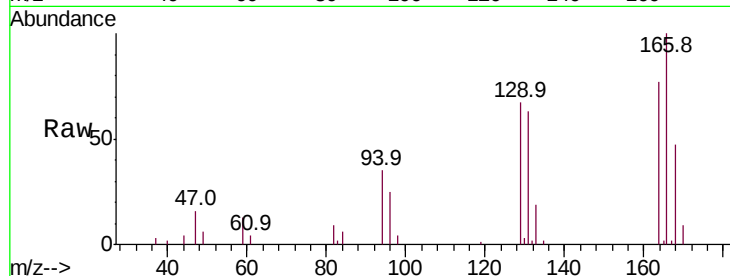
Ion Ratio Lower Upper

164 100

166 129.8 101.0 151.6

129 86.4 71.7 107.5

131 82.2 69.6 104.4

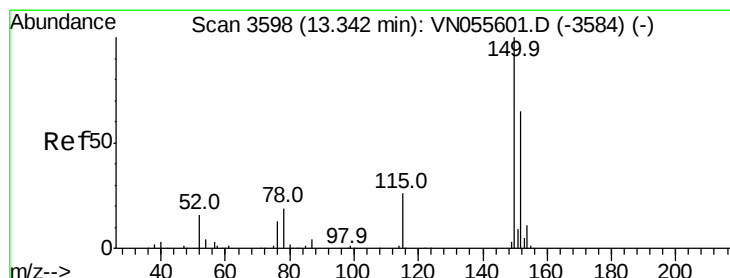
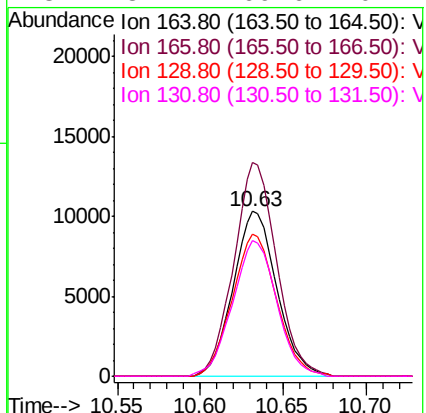
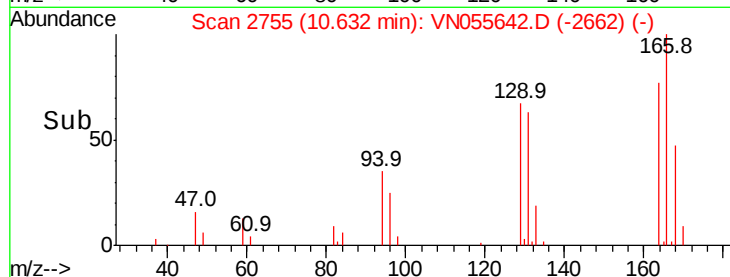


Abundance Ion 163.80 (163.50 to 164.50): V

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: VN055642.D

Acq: 18 May 2019 4:56

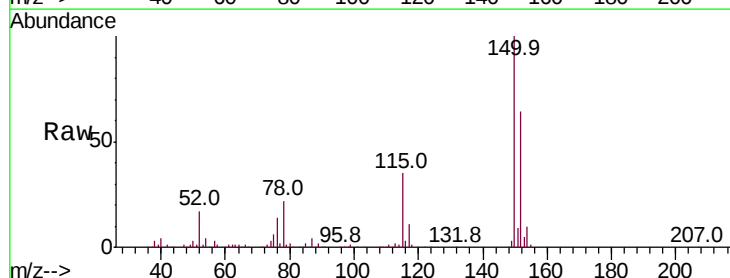
Tgt Ion:152 Resp: 192194

Ion Ratio Lower Upper

152 100

115 55.2 28.1 84.2

150 157.3 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

