

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052819\
 Data File : VN055852.D
 Acq On : 28 May 2019 14:56
 Operator : JC/SP
 Sample : K3037-02DL 100X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW6-R1-2DL

Quant Time: May 29 05:51:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052319W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 24 06:41:54 2019
 Response via : Initial Calibration

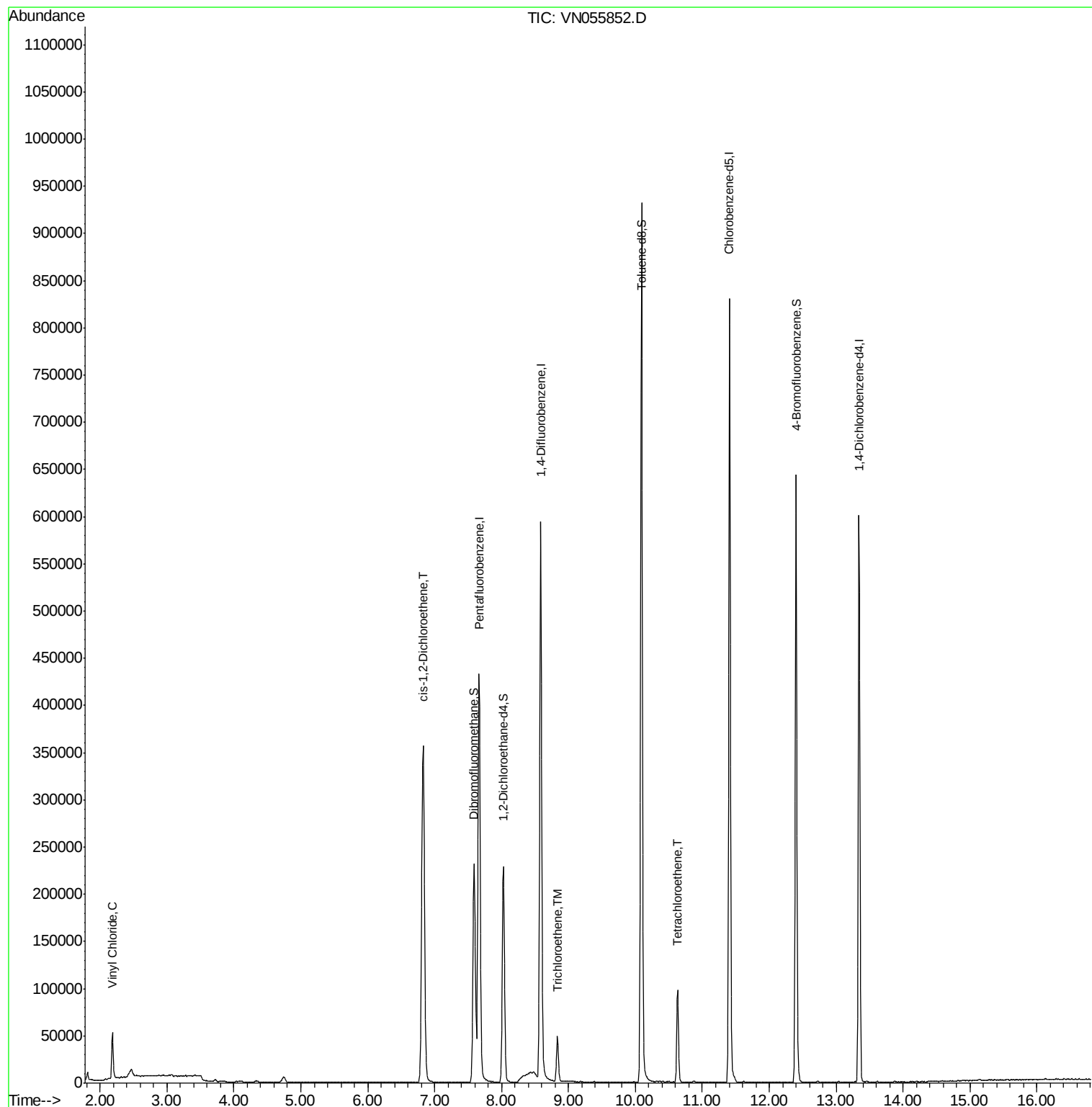
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	407773	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	584798	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	533544	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	185243	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	194518	46.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.38%	
35) Dibromofluoromethane	7.59	113	175527	47.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.94%	
50) Toluene-d8	10.09	98	697032	49.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.30%	
62) 4-Bromofluorobenzene	12.40	95	223153	45.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.78%	
Target Compounds						
4) Vinyl Chloride	2.18	62	45919	11.197	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	255817	58.852	ug/l	89
44) Trichloroethene	8.83	130	19827	4.630	ug/l	99
64) Tetrachloroethene	10.63	164	26051	5.789	ug/l	97

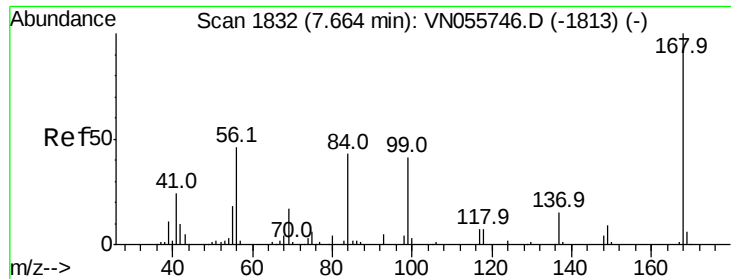
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri May 24 06:41:54 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN055852.D

Acq: 28 May 2019 14:56

Instrument :

MSVOA_N

ClientSampleId :

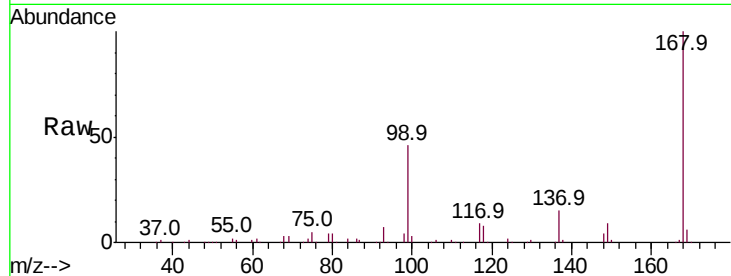
MW6-R1-2DL

Tot Ion:168 Resp: 407773

Ion Ratio Lower Upper

168 100

99 46.2 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.66

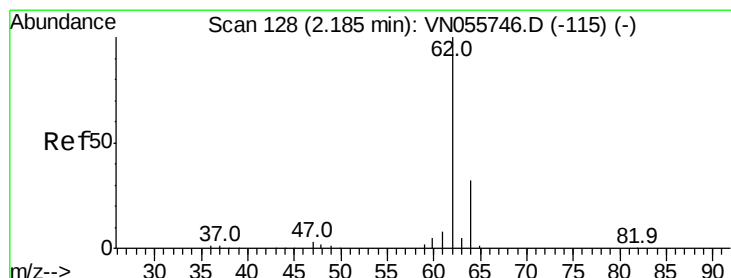
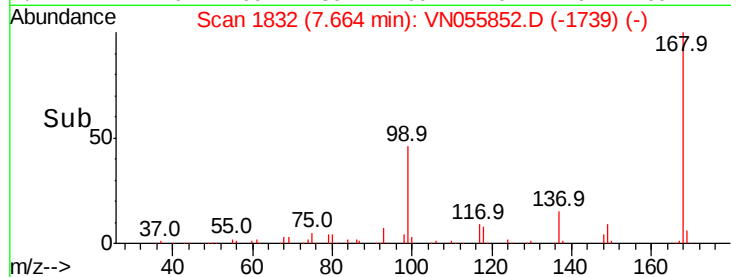
150000

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 11.197 ug/l

RT: 2.18 min Scan# 128

Delta R.T. 0.00 min

Lab File: VN055852.D

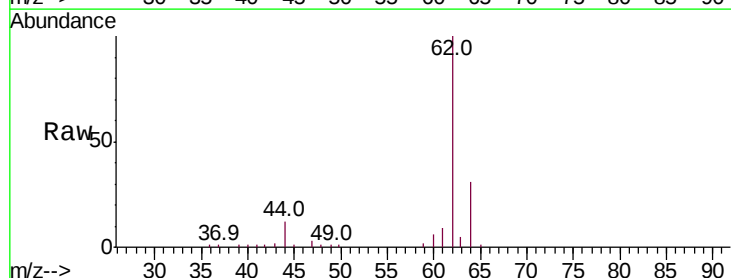
Acq: 28 May 2019 14:56

Tgt Ion: 62 Resp: 45919

Ion Ratio Lower Upper

62 100

64 31.3 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0

2.18

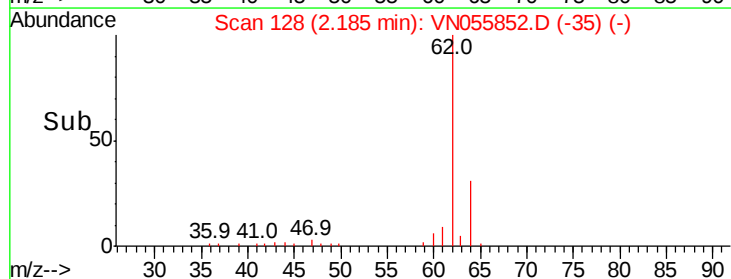
30000

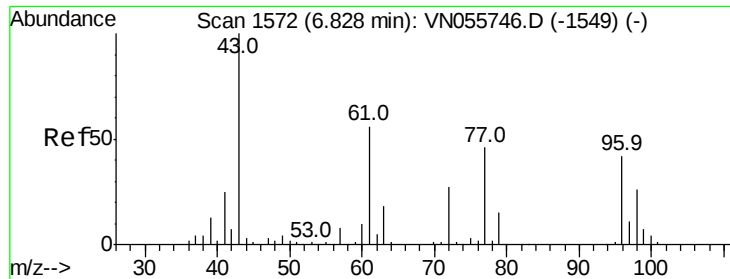
20000

10000

0

Time-->





#27

cis-1,2-Dichloroethene

Concen: 58.852 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. 0.00 min

Lab File: VN055852.D

Acq: 28 May 2019 14:56

Instrument :

MSVOA_N

ClientSampleId :

MW6-R1-2DL

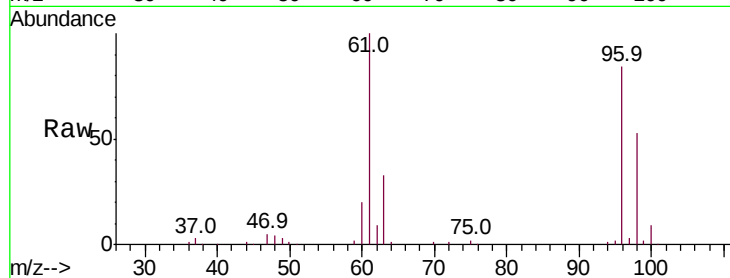
Tot Ion: 96 Resp: 255817

Ion Ratio Lower Upper

96 100

61 118.9 0.0 275.8

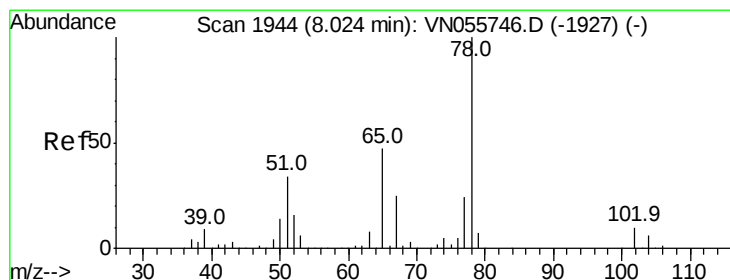
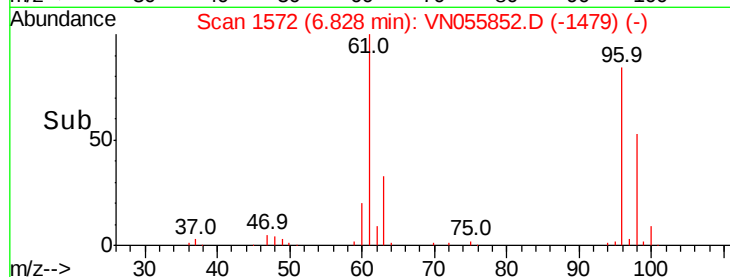
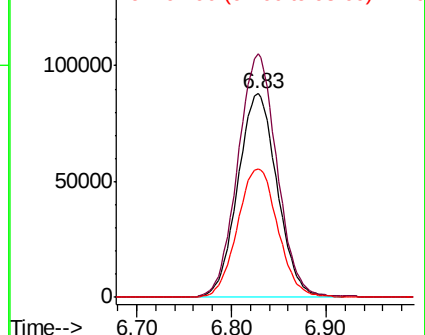
98 64.6 0.0 128.4



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: 46.191 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN055852.D

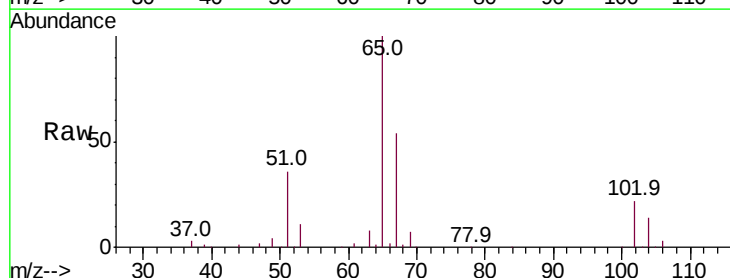
Acq: 28 May 2019 14:56

Tgt Ion: 65 Resp: 194518

Ion Ratio Lower Upper

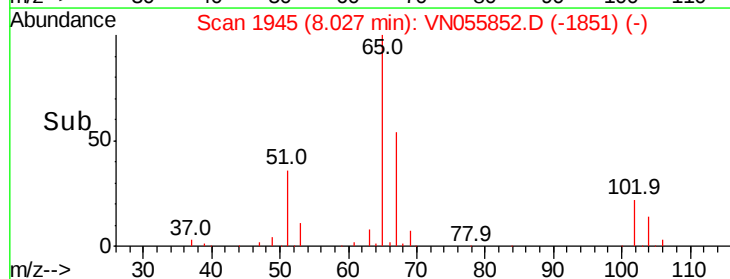
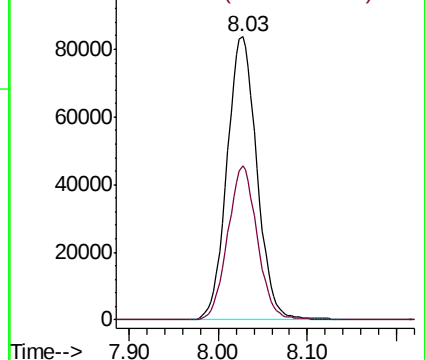
65 100

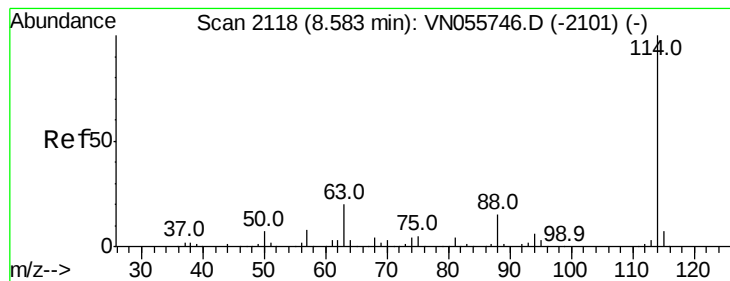
67 53.7 0.0 109.2



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: VN055852.D

Acq: 28 May 2019 14:56

Instrument :

MSVOA_N

ClientSampleId :

MW6-R1-2DL

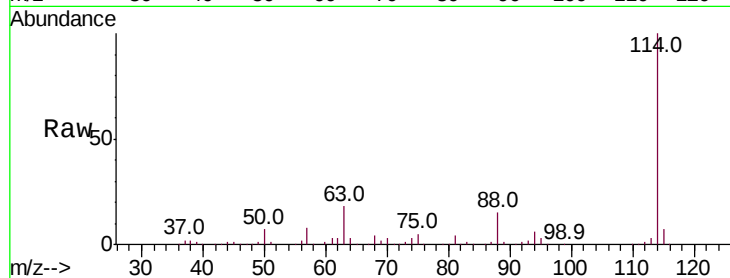
Tot Ion:114 Resp: 584798

Ion Ratio Lower Upper

114 100

63 18.4 0.0 39.2

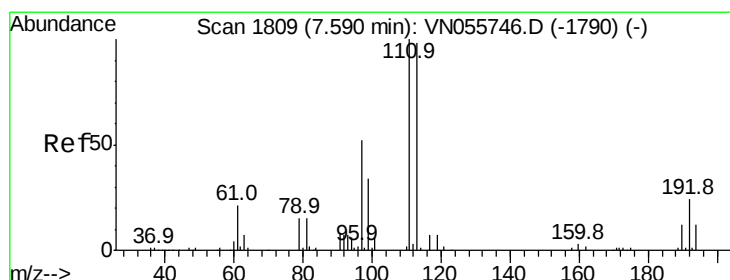
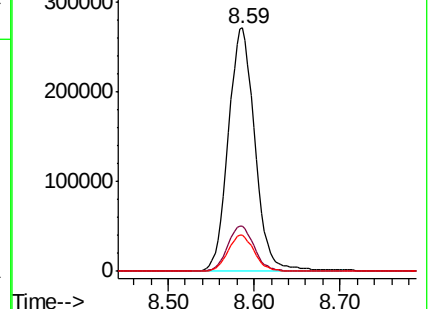
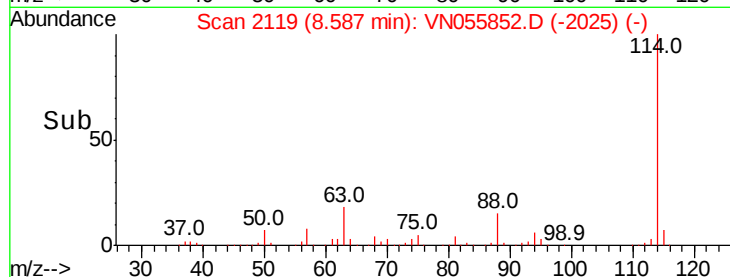
88 14.9 0.0 31.0



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: 47.474 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN055852.D

Acq: 28 May 2019 14:56

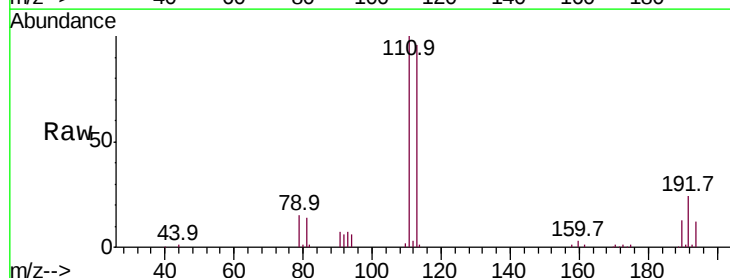
Tgt Ion:113 Resp: 175527

Ion Ratio Lower Upper

113 100

111 102.6 81.9 122.9

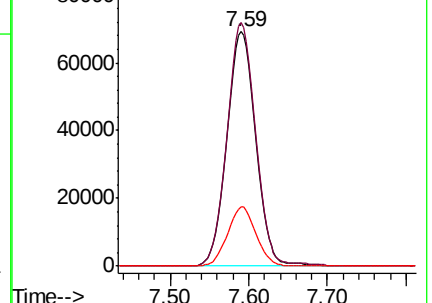
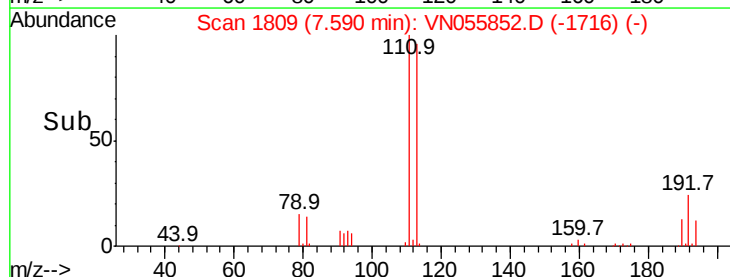
192 24.6 19.5 29.3

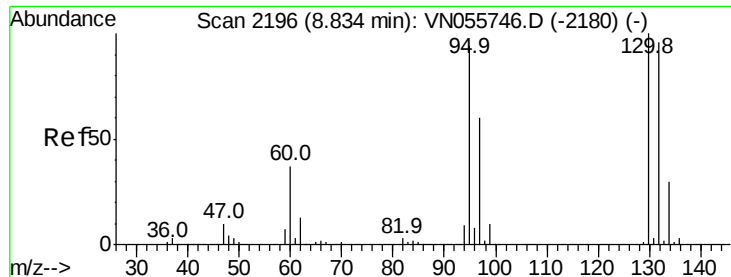


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 4.630 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN055852.D

Acq: 28 May 2019 14:56

Instrument :

MSVOA_N

ClientSampled :

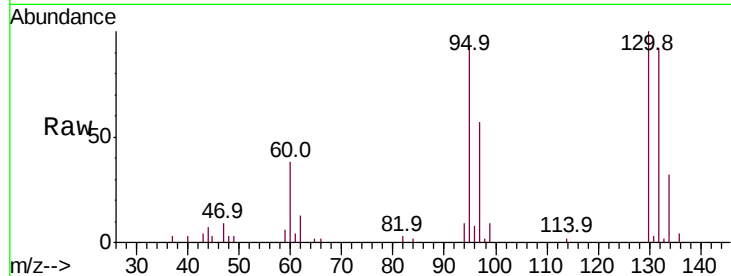
MW6-R1-2DL

Tot Ion:130 Resp: 19827

Ion Ratio Lower Upper

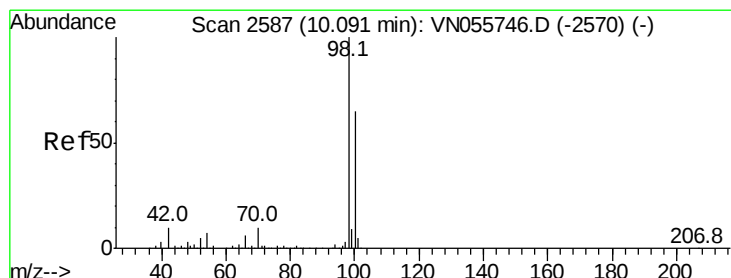
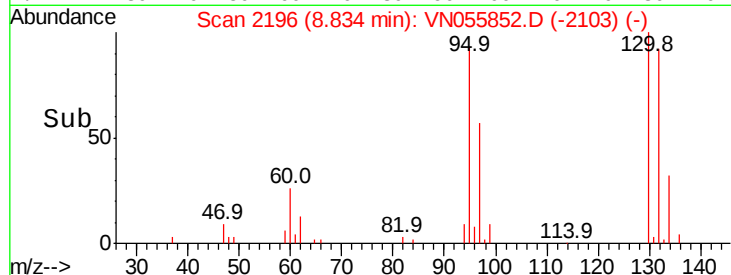
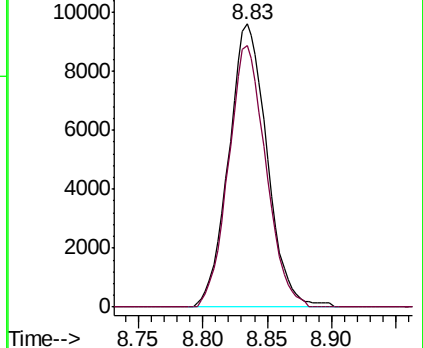
130 100

95 92.6 0.0 188.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN



#50

Toluene-d8

Concen: 49.148 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055852.D

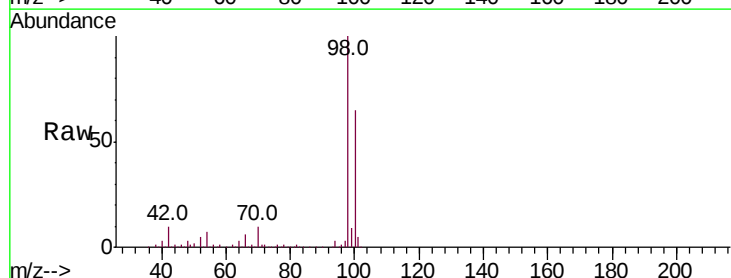
Acq: 28 May 2019 14:56

Tgt Ion: 98 Resp: 697032

Ion Ratio Lower Upper

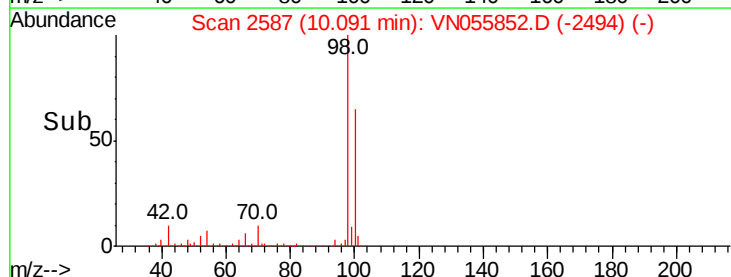
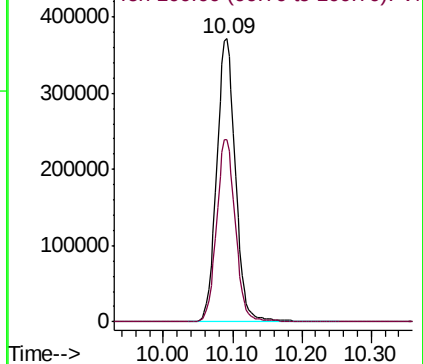
98 100

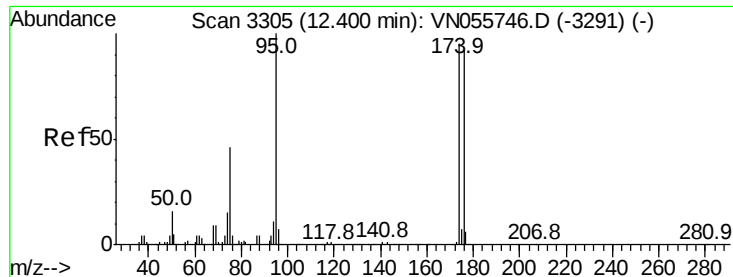
100 64.6 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN

Ion 100.00 (99.70 to 100.70): VN

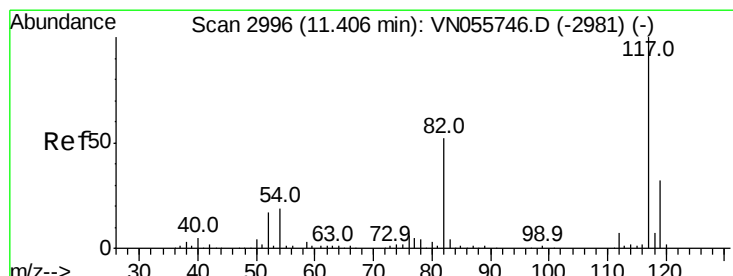
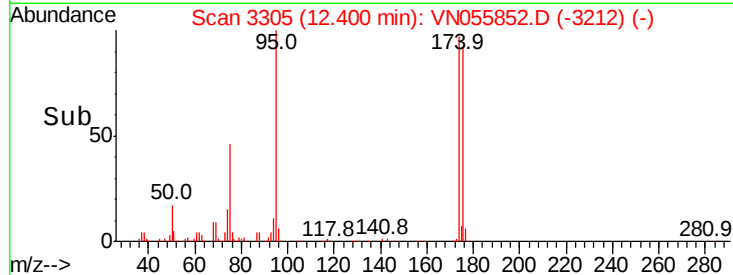
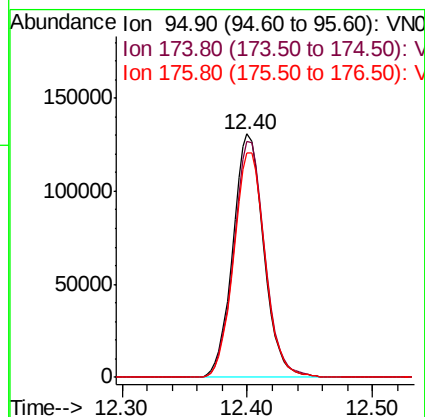
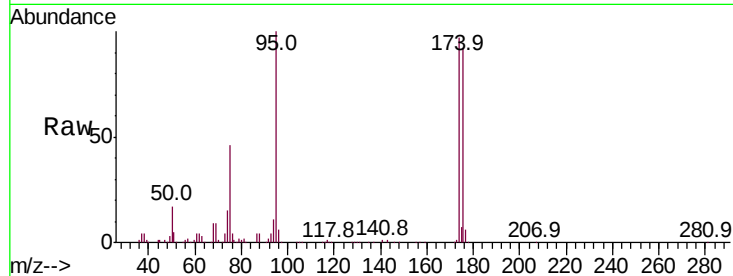




#62
4-Bromofluorobenzene
Concen: 45.888 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN055852.D
Acq: 28 May 2019 14:56

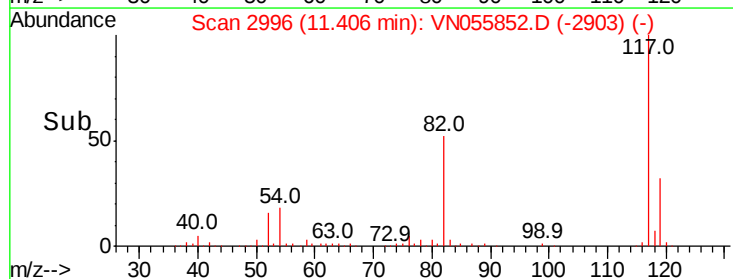
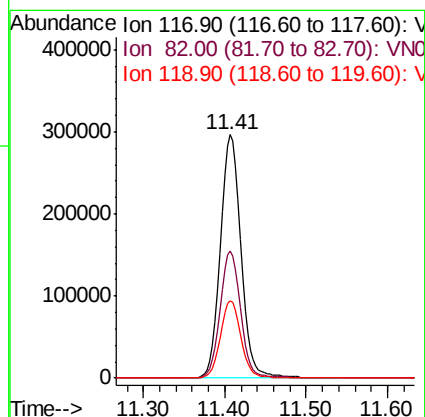
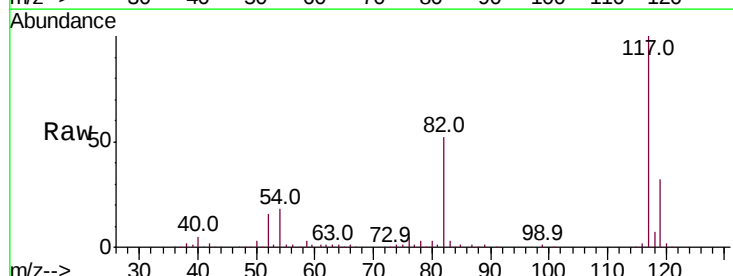
Instrument :
MSVOA_N
ClientSampleId :
MW6-R1-2DL

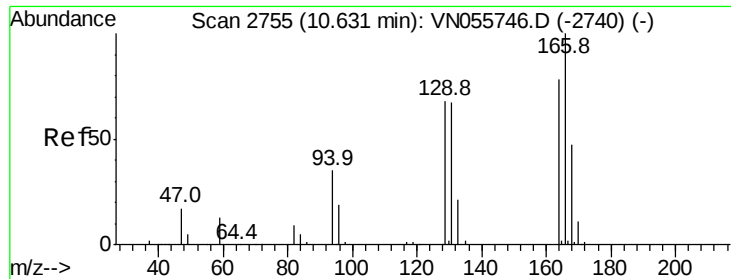
Tot Ion: 95 Resp: 223153
Ion Ratio Lower Upper
95 100
174 97.9 0.0 191.0
176 94.1 0.0 185.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055852.D
Acq: 28 May 2019 14:56

Tgt Ion: 117 Resp: 533544
Ion Ratio Lower Upper
117 100
82 52.2 41.8 62.8
119 31.8 25.4 38.0





#64

Tetrachloroethene

Concen: 5.789 ug/l

RT: 10.63 min Scan# 2755

Delta R.T. 0.00 min

Lab File: VN055852.D

Acq: 28 May 2019 14:56

Instrument :

MSVOA_N

ClientSampleId :

MW6-R1-2DL

Tot Ion:164 Resp: 26051

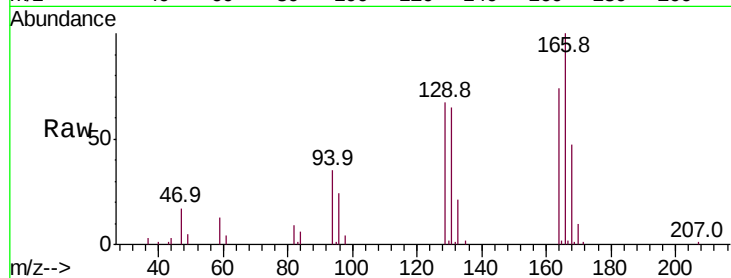
Ion Ratio Lower Upper

164 100

166 134.3 103.0 154.6

129 90.4 70.6 105.8

131 86.7 68.6 102.8

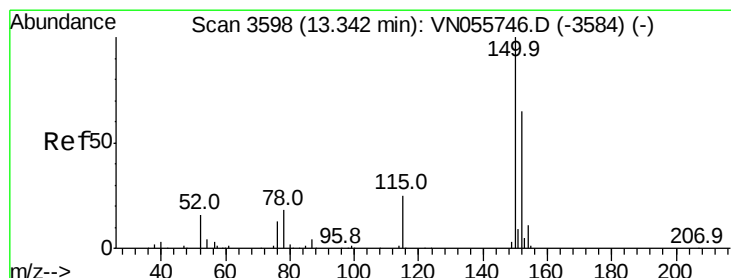
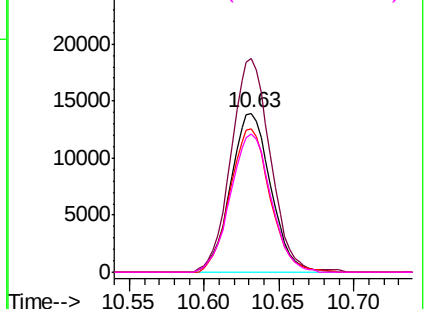
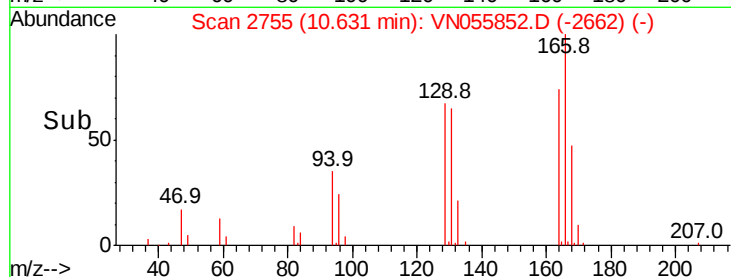


Abundance Ion 163.80 (163.50 to 164.50): V

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: VN055852.D

Acq: 28 May 2019 14:56

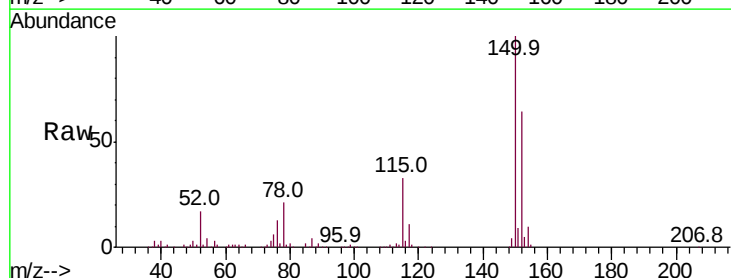
Tgt Ion:152 Resp: 185243

Ion Ratio Lower Upper

152 100

115 52.9 27.0 81.0

150 156.7 0.0 343.2



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

