

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060819\
 Data File : VN056113.D
 Acq On : 7 Jun 2019 21:25
 Operator : JC/SP
 Sample : K3203-06DL 20X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LF015MW100-190604DL

Quant Time: Jun 08 06:53:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N060419W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 11:02:09 2019
 Response via : Initial Calibration

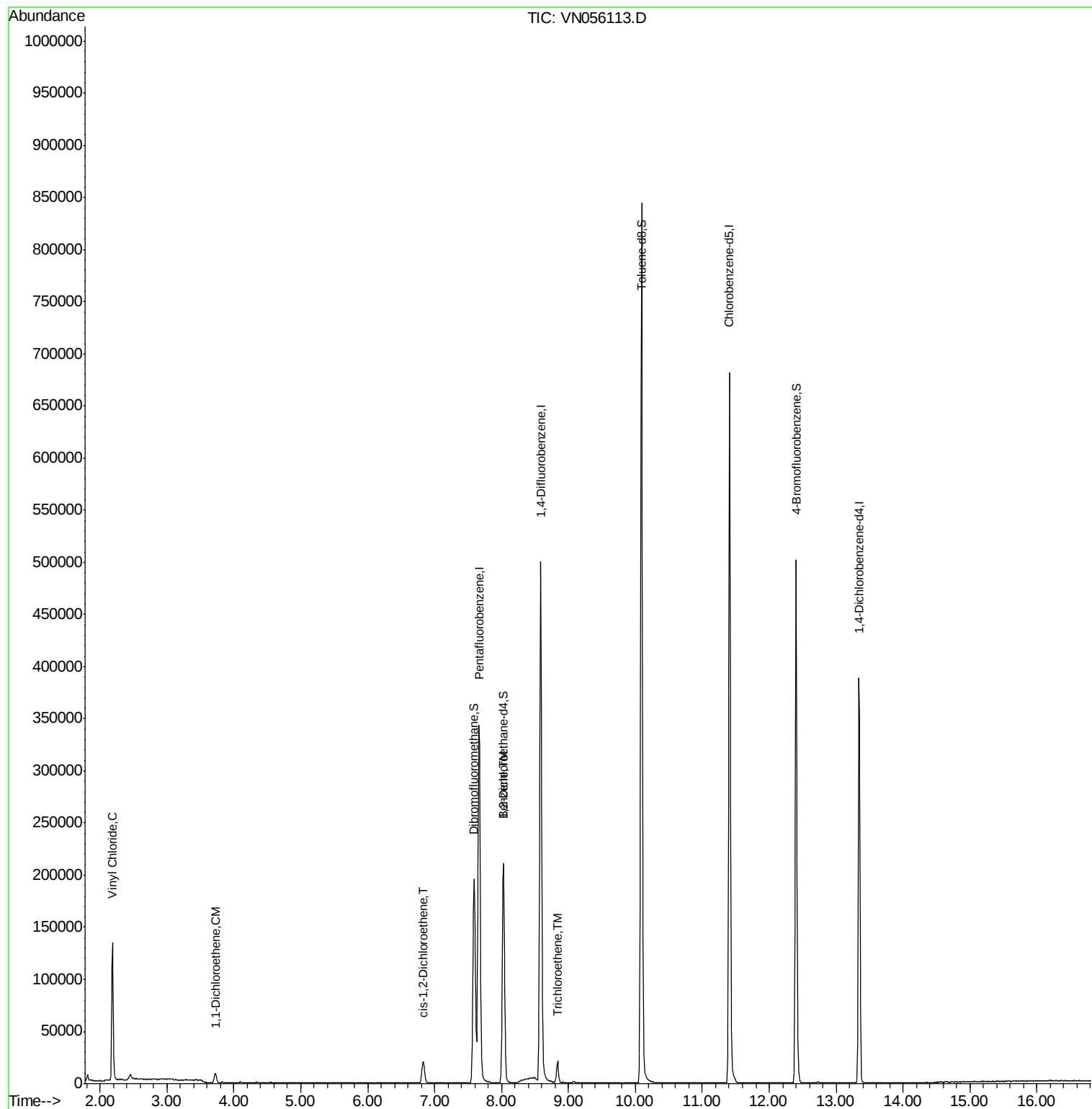
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	330474	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	496508	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	446713	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	122787	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	173734	52.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.90%	
35) Dibromofluoromethane	7.59	113	152777	50.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.30%	
50) Toluene-d8	10.09	98	628098	53.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.16%	
62) 4-Bromofluorobenzene	12.40	95	179442	45.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.02%	
Target Compounds						
4) Vinyl Chloride	2.18	62	123594	34.394	ug/l	99
12) 1,1-Dichloroethene	3.73	96	5190	1.871	ug/l	89
27) cis-1,2-Dichloroethene	6.83	96	14967	4.283	ug/l	89
40) Benzene	8.04	78	5946	0.459	ug/l	91
44) Trichloroethene	8.83	130	8611	2.311	ug/l	95

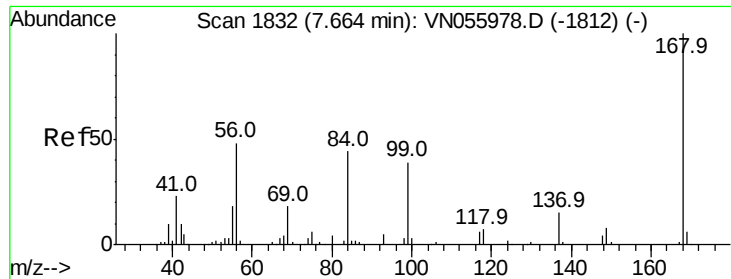
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN056113.D

Acq: 7 Jun 2019 21:25

Instrument :

MSVOA_N

ClientSampleId :

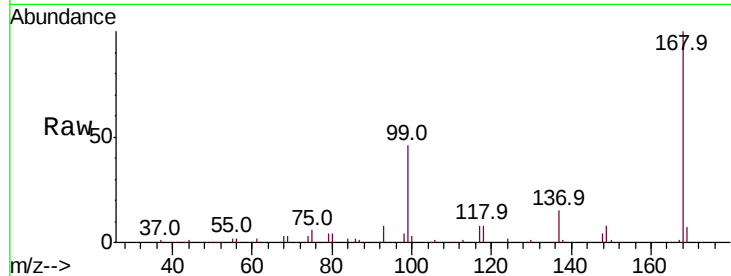
LF015MW100-190604DL

Tot Ion:168 Resp: 330474

Ion Ratio Lower Upper

168 100

99 45.9 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.66

150000

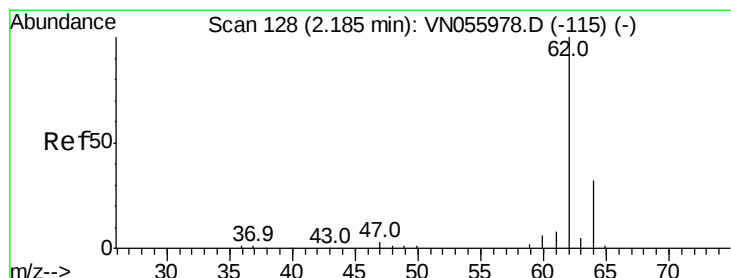
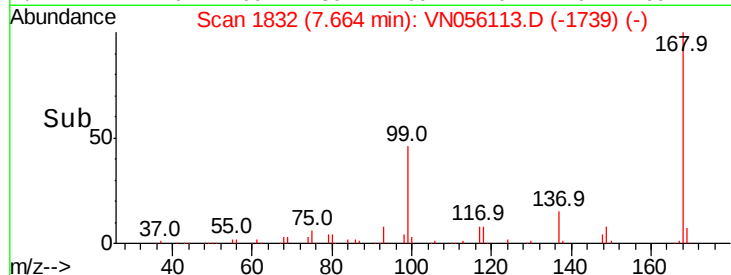
100000

50000

0

7.50 7.60 7.70 7.80

Time-->



#4

Vinyl Chloride

Concen: 34.394 ug/l

RT: 2.18 min Scan# 128

Delta R.T. 0.00 min

Lab File: VN056113.D

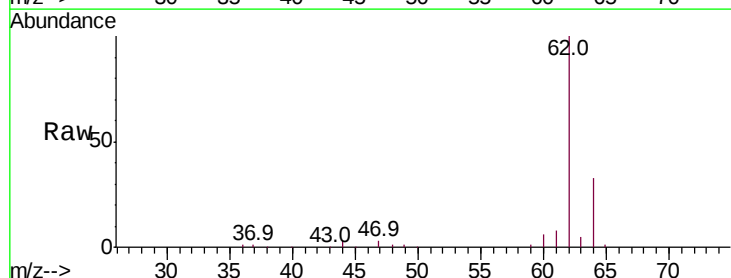
Acq: 7 Jun 2019 21:25

Tgt Ion: 62 Resp: 123594

Ion Ratio Lower Upper

62 100

64 32.7 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VN

Ion 63.90 (63.60 to 64.60): VN

2.18

80000

60000

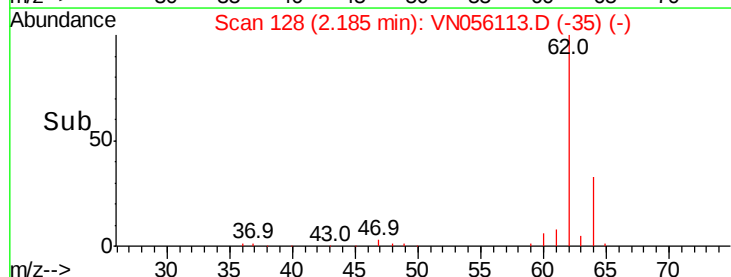
40000

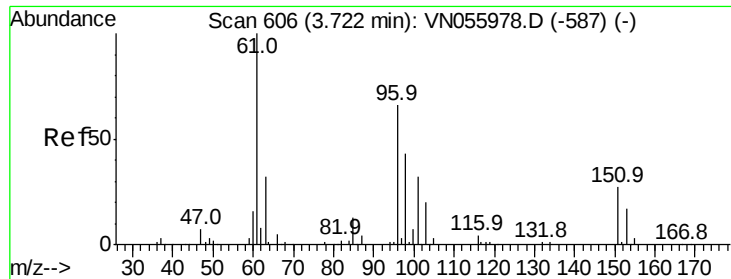
20000

0

2.10 2.15 2.20 2.25 2.30

Time-->





#12

1,1-Dichloroethene

Concen: 1.871 ug/l

RT: 3.73 min Scan# 607

Delta R.T. 0.00 min

Lab File: VN056113.D

Acq: 7 Jun 2019 21:25

Instrument :

MSVOA_N

ClientSampleId :

LF015MW100-190604DL

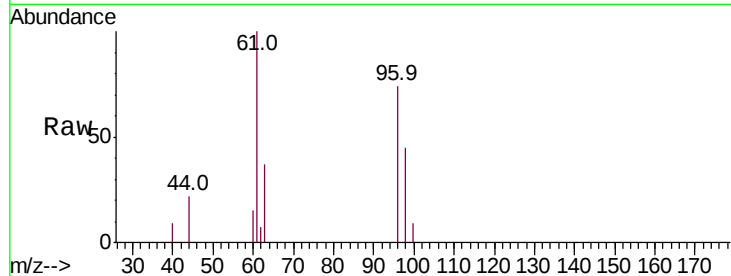
Tot Ion: 96 Resp: 5190

Ion Ratio Lower Upper

96 100

61 136.0 123.2 184.8

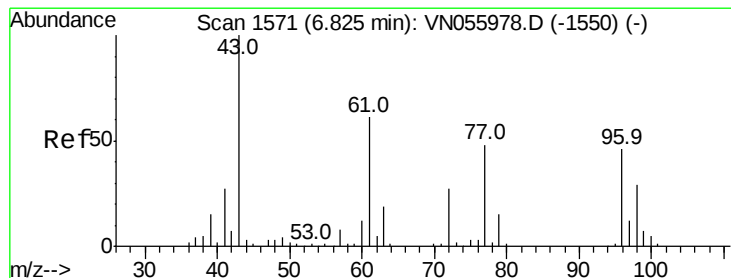
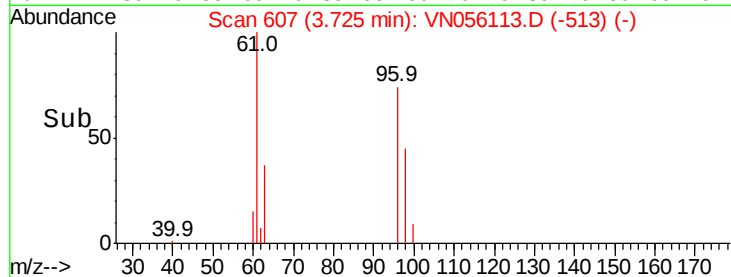
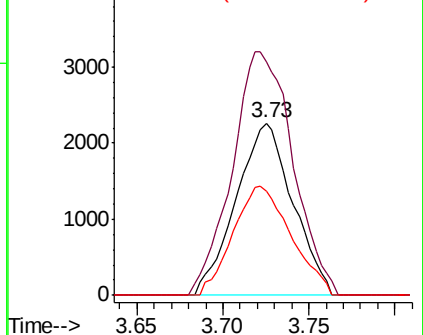
98 60.7 50.4 75.6



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



#27

cis-1,2-Dichloroethene

Concen: 4.283 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. 0.01 min

Lab File: VN056113.D

Acq: 7 Jun 2019 21:25

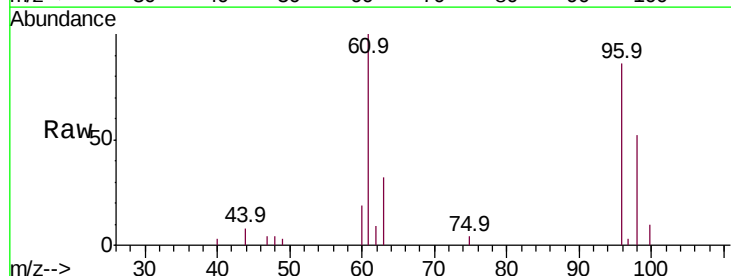
Tgt Ion: 96 Resp: 14967

Ion Ratio Lower Upper

96 100

61 119.5 0.0 275.8

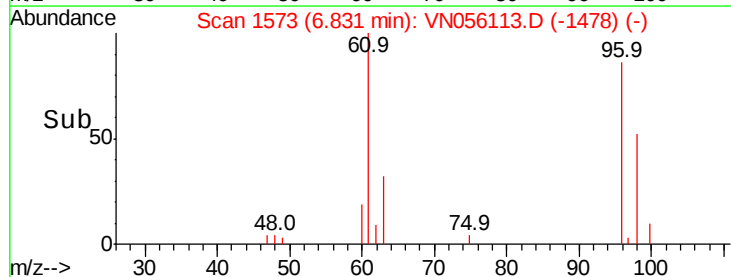
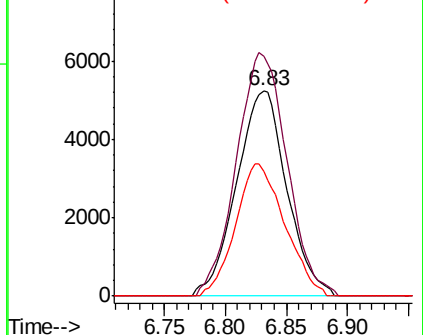
98 62.9 0.0 128.4

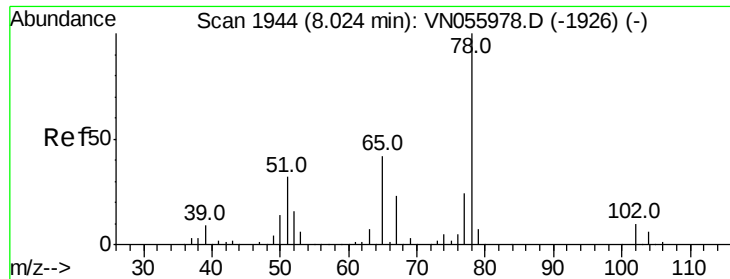


Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

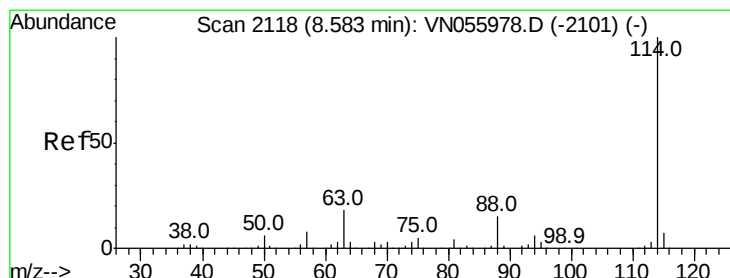
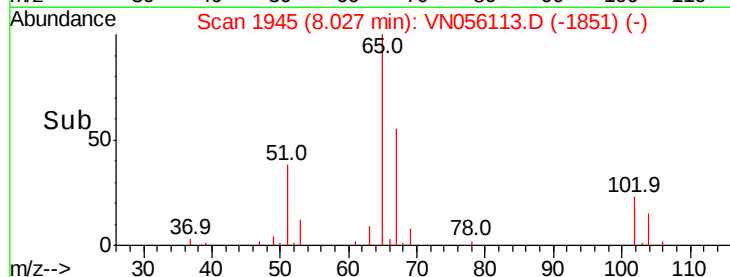
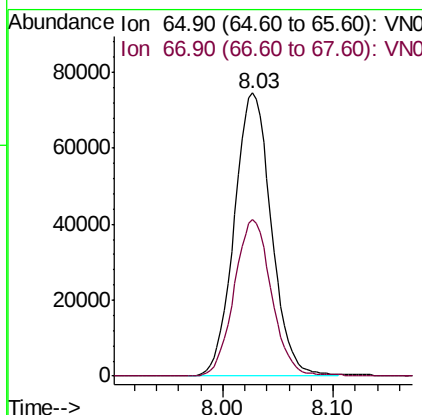
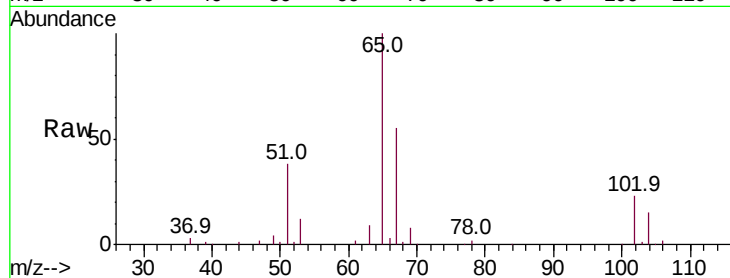




#33
 1,2-Dichloroethane-d4
 Concen: 52.946 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN056113.D
 Acq: 7 Jun 2019 21:25

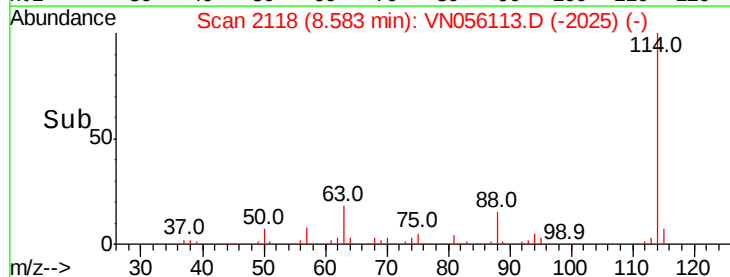
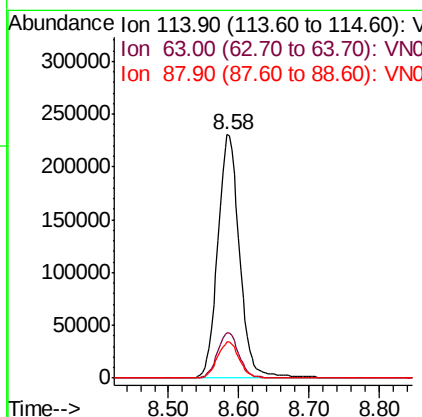
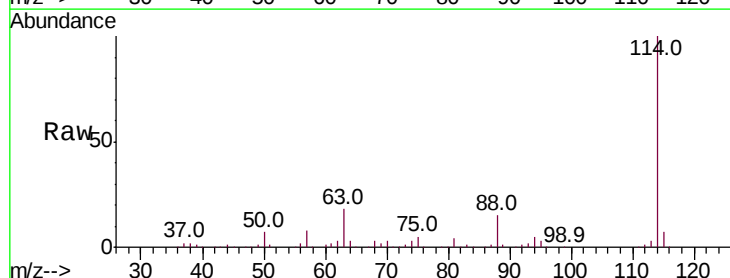
Instrument :
 MSVOA_N
 ClientSampleId :
 LF015MW100-190604DL

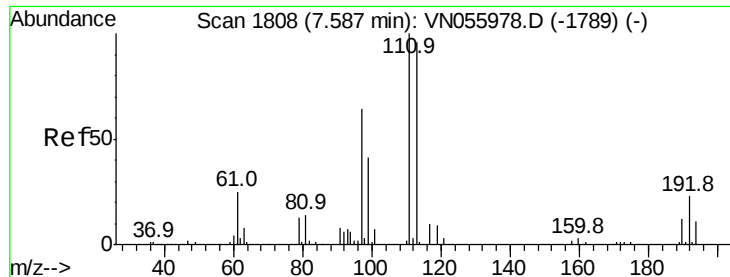
Tot Ion: 65 Resp: 173734
 Ion Ratio Lower Upper
 65 100
 67 55.6 0.0 109.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN056113.D
 Acq: 7 Jun 2019 21:25

Tgt Ion: 114 Resp: 496508
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 39.2
 88 14.7 0.0 31.0

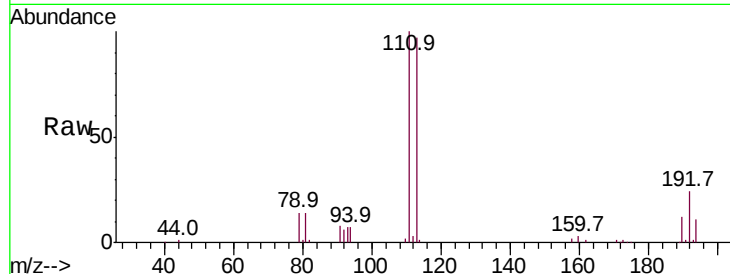




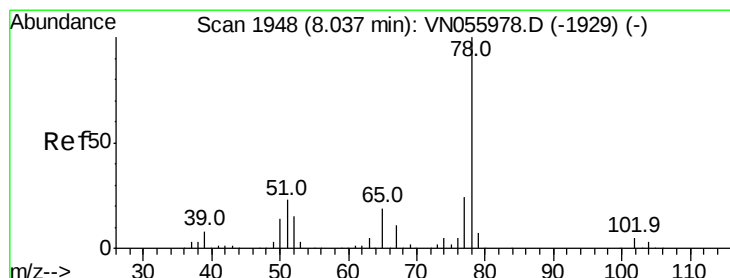
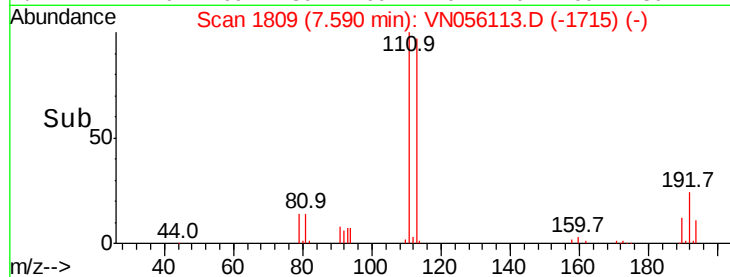
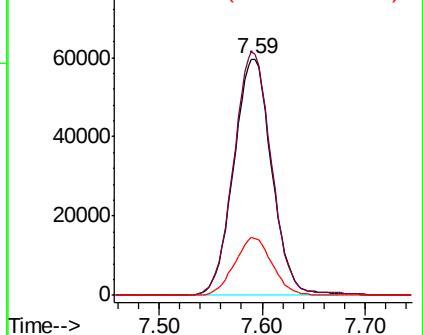
#35
 Dibromofluoromethane
 Concen: 50.153 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN056113.D
 Acq: 7 Jun 2019 21:25

Instrument :
 MSVOA_N
 ClientSampleId :
 LF015MW100-190604DL

Tot Ion:113 Resp: 152777
 Ion Ratio Lower Upper
 113 100
 111 102.2 81.9 122.9
 192 24.1 19.5 29.3

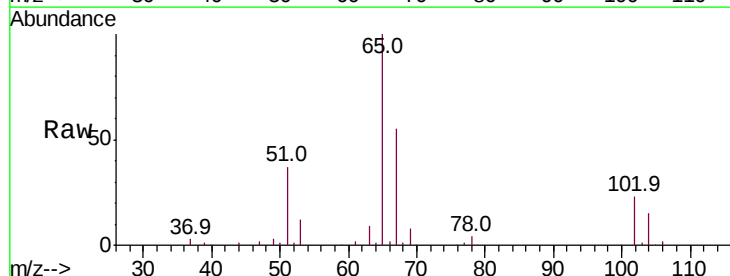


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

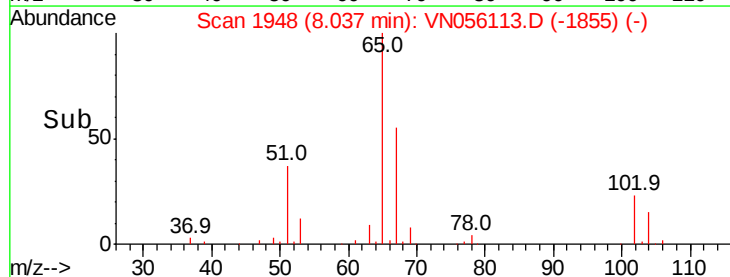
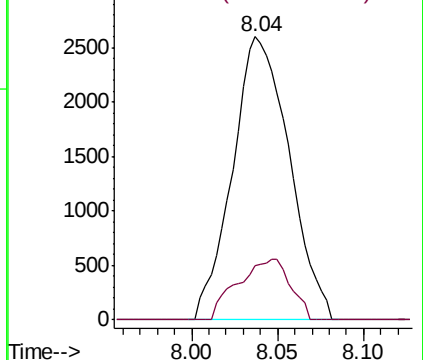


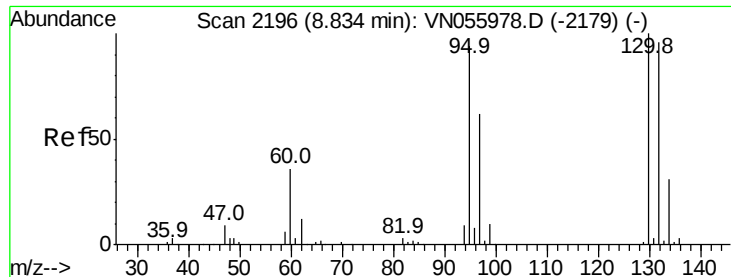
#40
 Benzene
 Concen: 0.459 ug/l
 RT: 8.04 min Scan# 1948
 Delta R.T. 0.00 min
 Lab File: VN056113.D
 Acq: 7 Jun 2019 21:25

Tgt Ion: 78 Resp: 5946
 Ion Ratio Lower Upper
 78 100
 77 19.2 18.8 28.2



Abundance Ion 78.00 (77.70 to 78.70): VN0
 Ion 77.00 (76.70 to 77.70): VN0





#44

Trichloroethene

Concen: 2.311 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN056113.D

Acq: 7 Jun 2019 21:25

Instrument :

MSVOA_N

ClientSampleId :

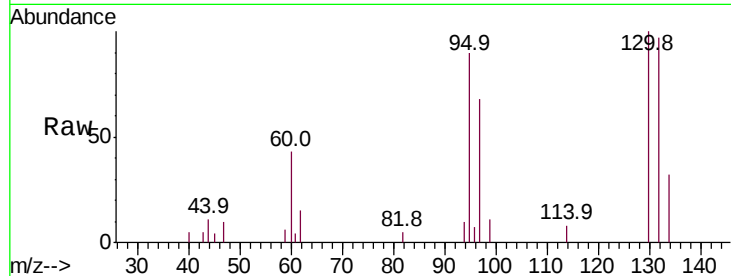
LF015MW100-190604DL

Tot Ion:130 Resp: 8611

Ion Ratio Lower Upper

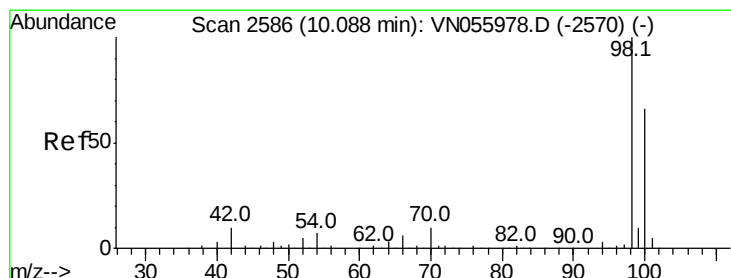
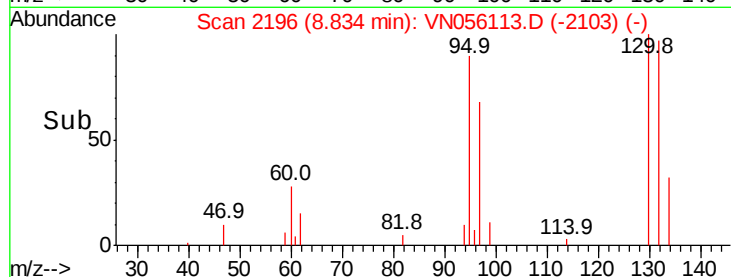
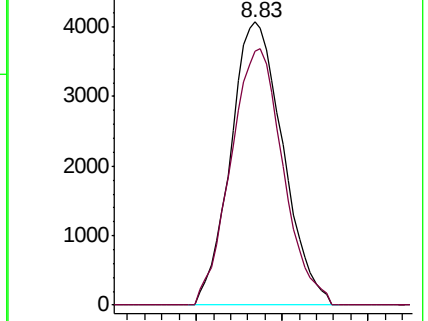
130 100

95 89.6 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: 53.583 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN056113.D

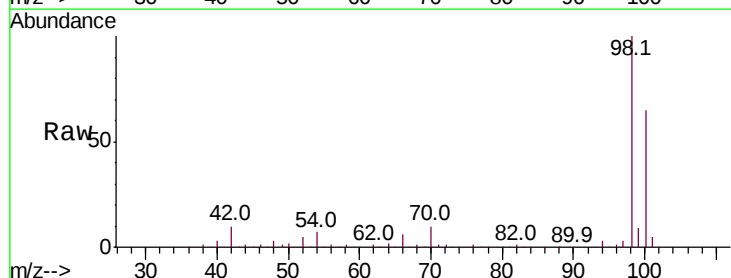
Acq: 7 Jun 2019 21:25

Tgt Ion: 98 Resp: 628098

Ion Ratio Lower Upper

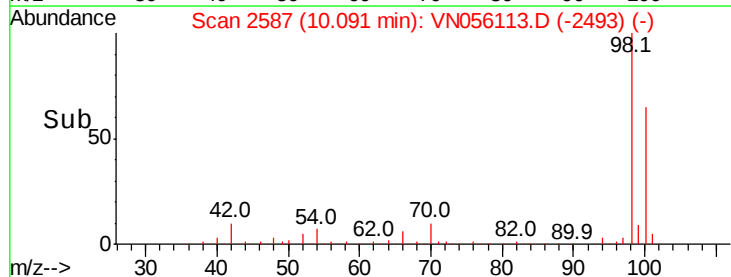
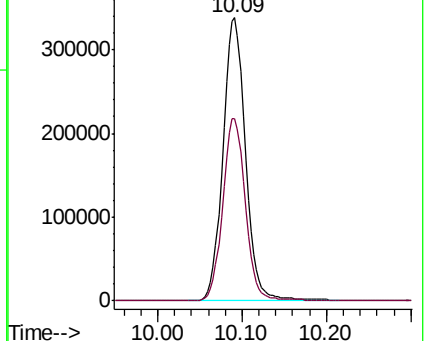
98 100

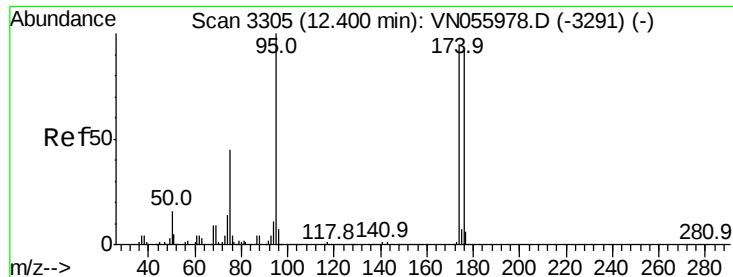
100 64.9 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN

Ion 100.00 (99.70 to 100.70): VN





#62

4-Bromofluorobenzene

Concen: 45.014 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN056113.D

Acq: 7 Jun 2019 21:25

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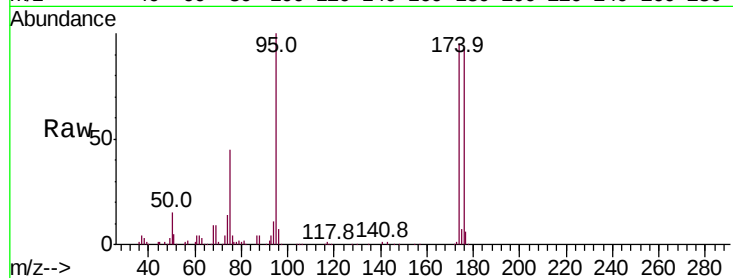
Tot Ion: 95 Resp: 179442

Ion Ratio Lower Upper

95 100

174 96.7 0.0 191.0

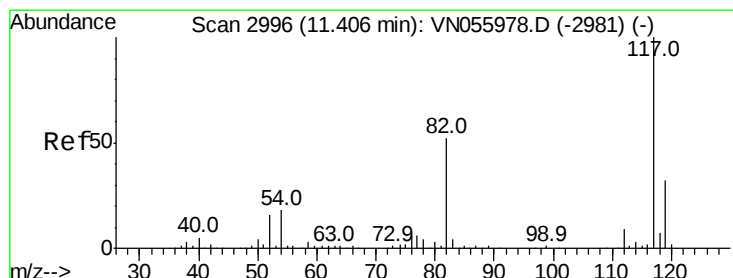
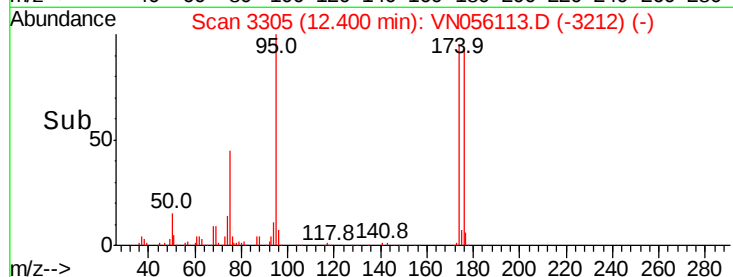
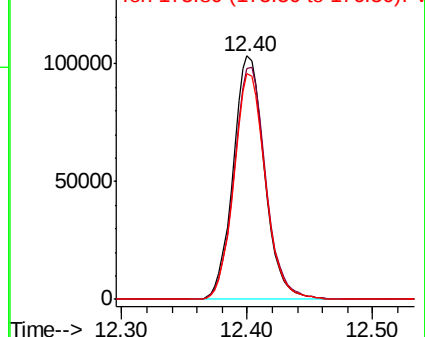
176 93.0 0.0 185.2



Abundance Ion 94.90 (94.60 to 95.60): VN055978.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN055978.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN055978.D (-3291) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN056113.D

Acq: 7 Jun 2019 21:25

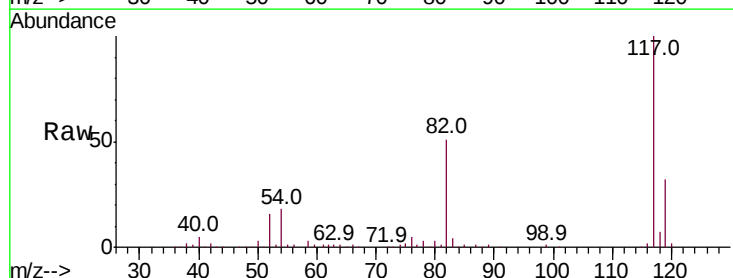
Tgt Ion: 117 Resp: 446713

Ion Ratio Lower Upper

117 100

82 51.5 41.8 62.8

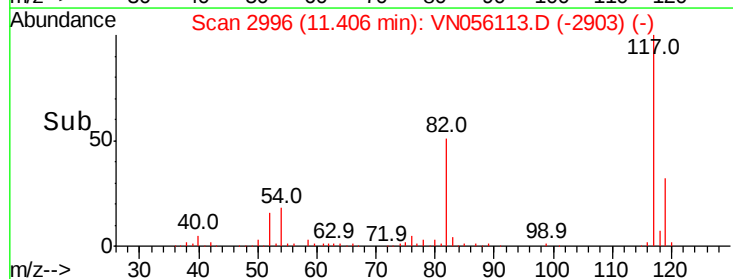
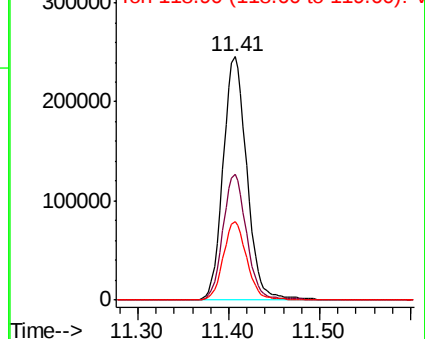
119 32.3 25.4 38.0

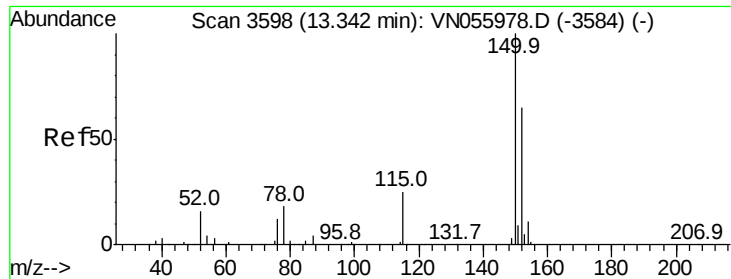


Abundance Ion 116.90 (116.60 to 117.60): VN055978.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN055978.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN055978.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: VN056113.D

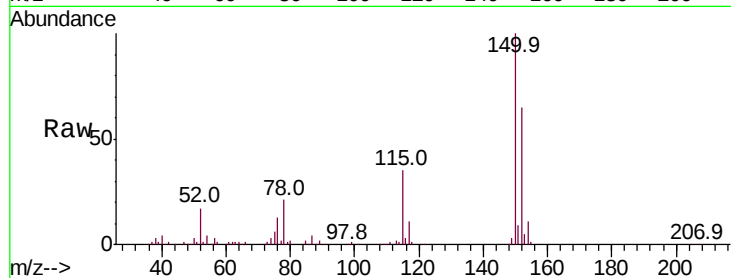
Acq: 7 Jun 2019 21:25

Instrument :

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ClientSampleId :

LF015MW100-190604DL



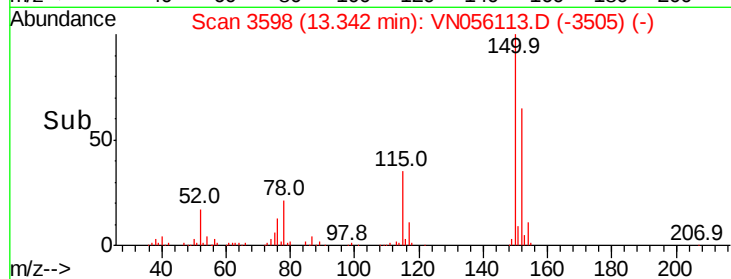
Tot Ion:152 Resp: 122787

Ion Ratio Lower Upper

152 100

115 52.8 27.0 81.0

150 155.8 0.0 343.2



Abundance Ion 151.90 (151.60 to 152.60): V

150000 Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

