

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060719\
 Data File : VN056053.D
 Acq On : 6 Jun 2019 18:17
 Operator : JC/SP
 Sample : K3203-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LF015MW001-190604

Quant Time: Jun 07 06:30:51 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

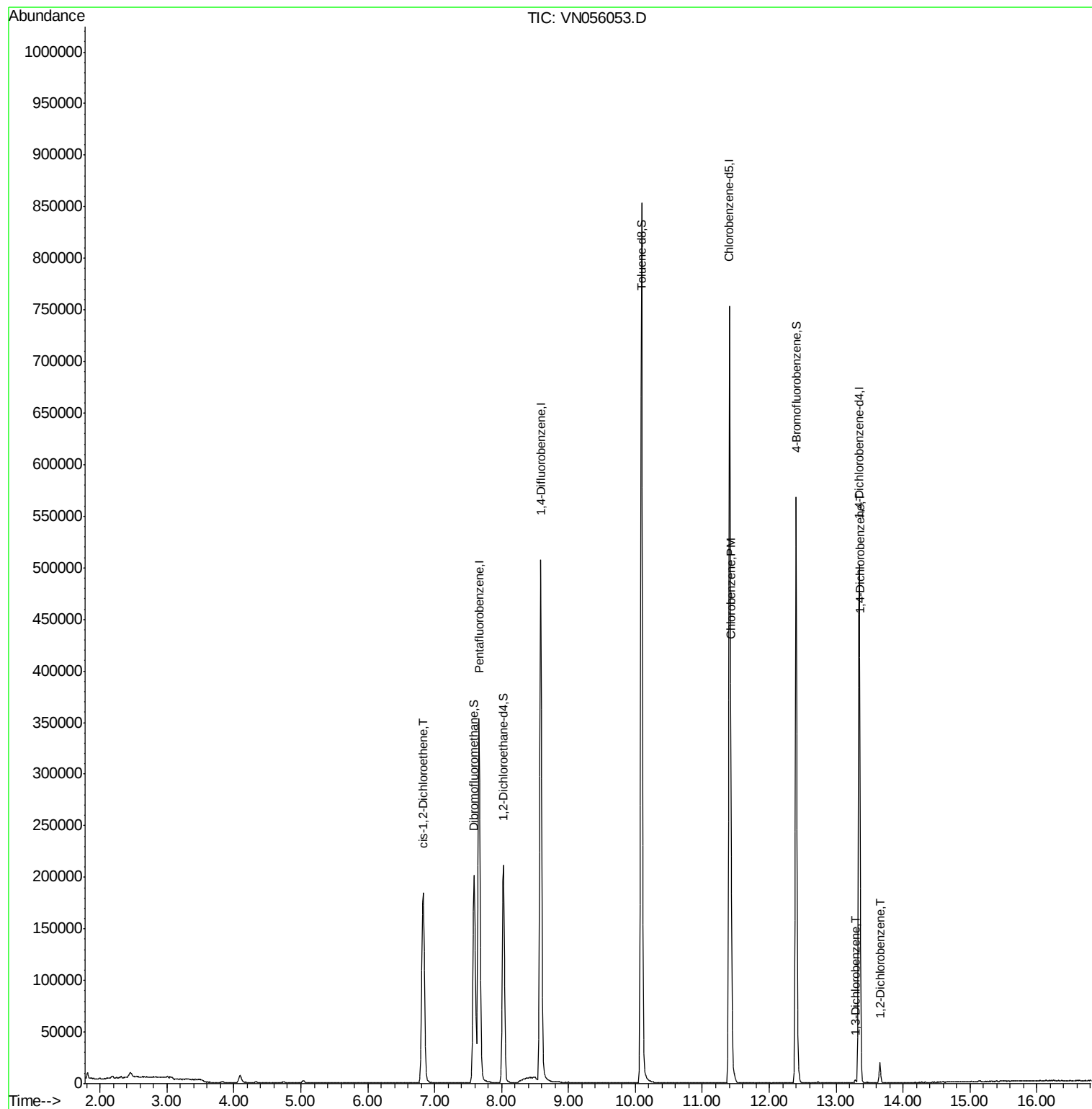
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	337207	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	504453	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	473589	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	152843	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	177278	52.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.90%	
35) Dibromofluoromethane	7.59	113	156402	50.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.06%	
50) Toluene-d8	10.09	98	641017	53.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.64%	
62) 4-Bromofluorobenzene	12.40	95	201089	49.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.30%	
Target Compounds						
27) cis-1,2-Dichloroethene	6.83	96	132798	37.247	ug/l	89
65) Chlorobenzene	11.43	112	81814	8.680	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	1734	0.342	ug/l	93
88) 1,4-Dichlorobenzene	13.36	146	19029	3.906	ug/l	93
91) 1,2-Dichlorobenzene	13.65	146	10104	1.976	ug/l	99

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN056053.D

Acq: 6 Jun 2019 18:17

Instrument :

MSVOA_N

ClientSampleId :

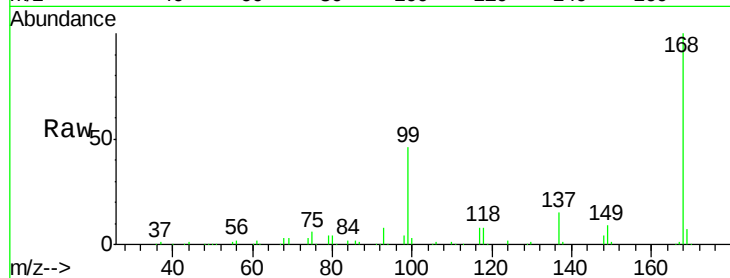
LF015MW001-190604

Tot Ion:168 Resp: 337207

Ion Ratio Lower Upper

168 100

99 46.1 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.66

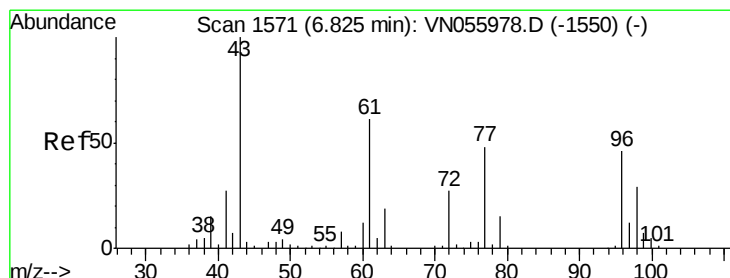
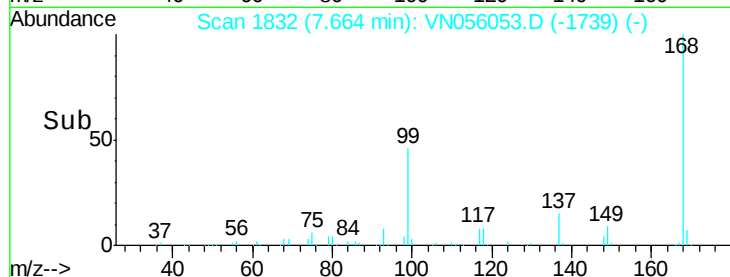
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80



#27

cis-1,2-Dichloroethene

Concen: 37.247 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. 0.00 min

Lab File: VN056053.D

Acq: 6 Jun 2019 18:17

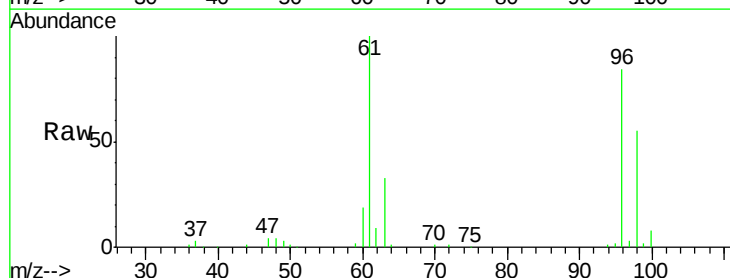
Tgt Ion: 96 Resp: 132798

Ion Ratio Lower Upper

96 100

61 119.0 0.0 275.8

98 64.4 0.0 128.4



Abundance Ion 95.90 (95.60 to 96.60): VNO

Ion 60.90 (60.60 to 61.60): VNO

Ion 97.90 (97.60 to 98.60): VNO

6.83

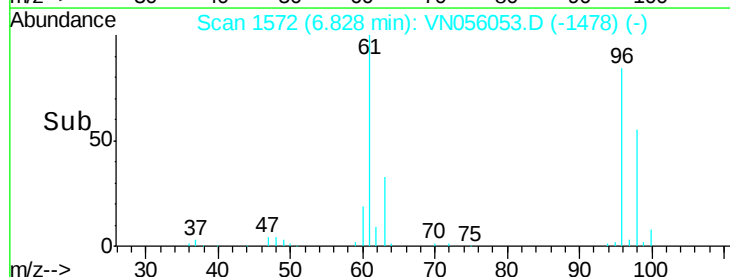
60000

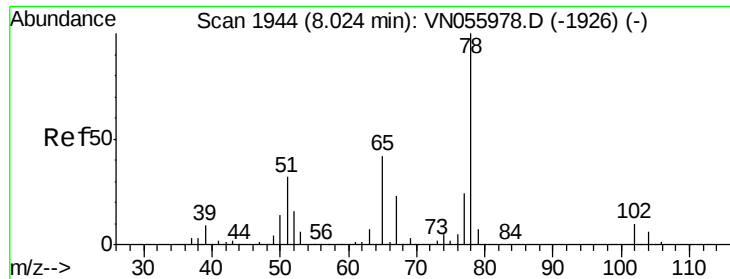
40000

20000

0

Time--> 6.70 6.80 6.90

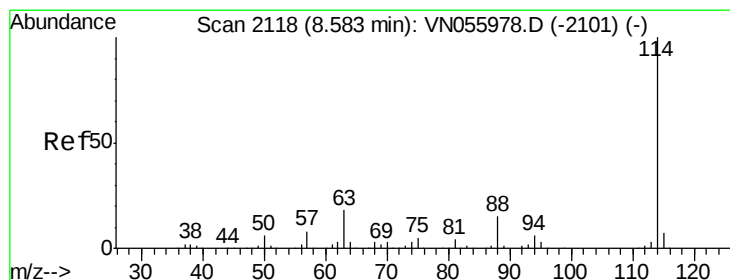
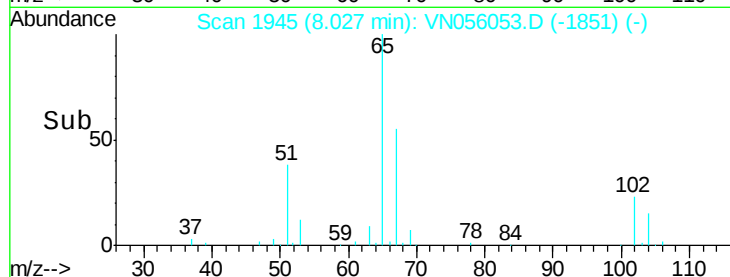
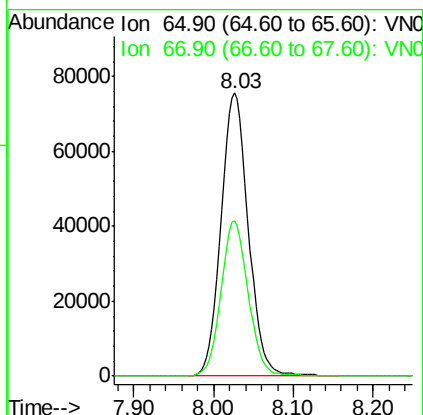
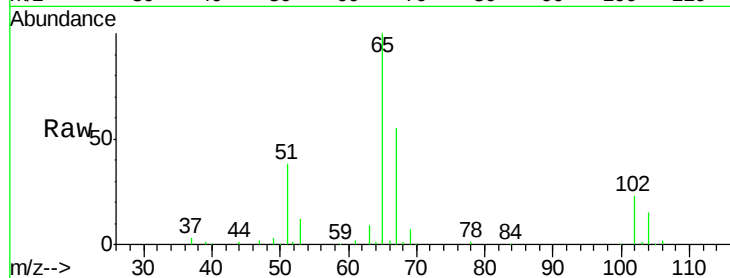




#33
 1,2-Dichloroethane-d4
 Concen: 52.948 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN056053.D
 Acq: 6 Jun 2019 18:17

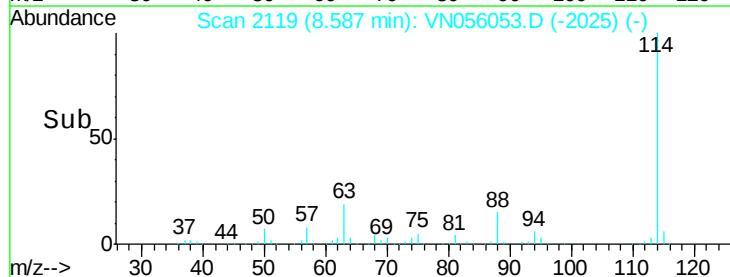
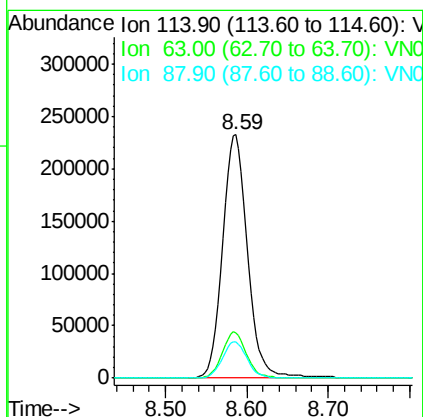
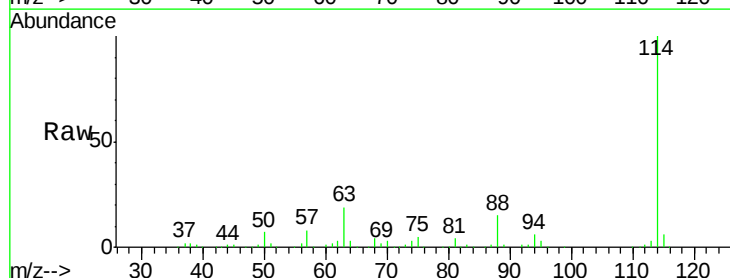
Instrument :
 MSVOA_N
 ClientSampleId :
 LF015MW001-190604

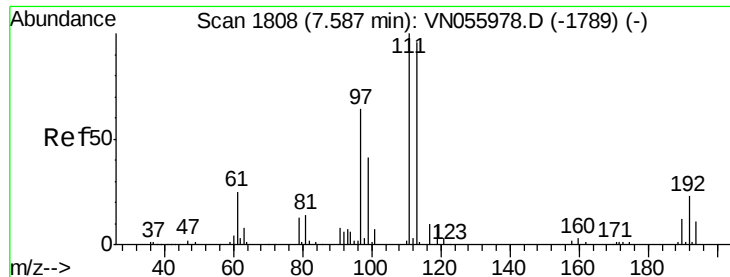
Tot Ion: 65 Resp: 177278
 Ion Ratio Lower Upper
 65 100
 67 54.8 0.0 109.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN056053.D
 Acq: 6 Jun 2019 18:17

Tgt Ion: 114 Resp: 504453
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 39.2
 88 14.9 0.0 31.0

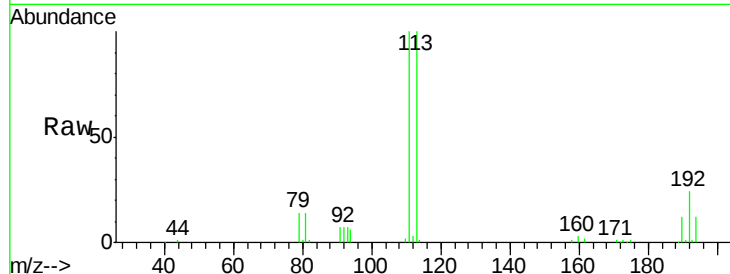




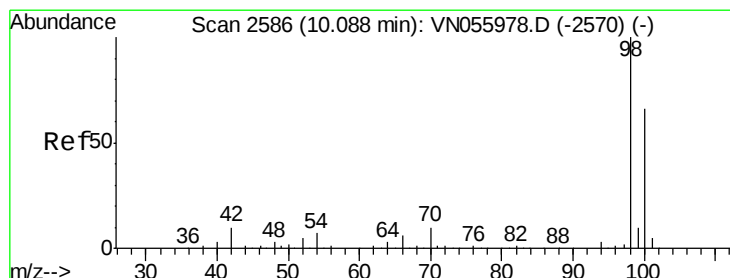
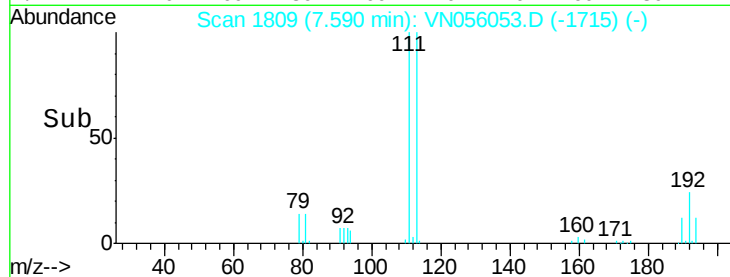
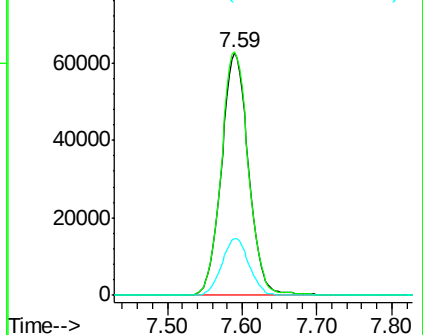
#35
 Dibromofluoromethane
 Concen: 50.534 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN056053.D
 Acq: 6 Jun 2019 18:17

Instrument :
 MSVOA_N
 ClientSampleId :
 LF015MW001-190604

Tot Ion:113 Resp: 156402
 Ion Ratio Lower Upper
 113 100
 111 101.6 81.9 122.9
 192 23.6 19.5 29.3

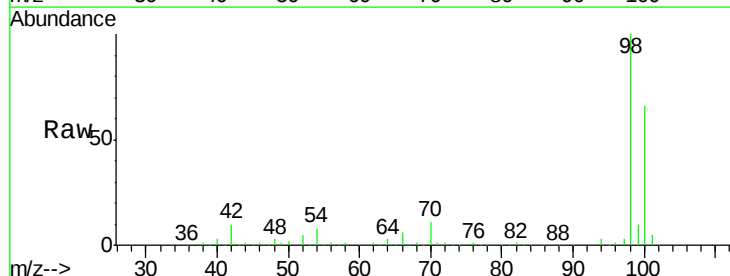


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

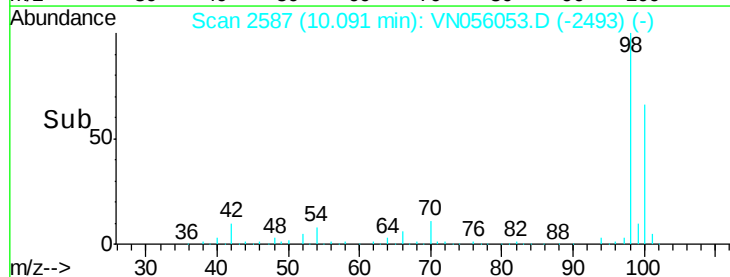
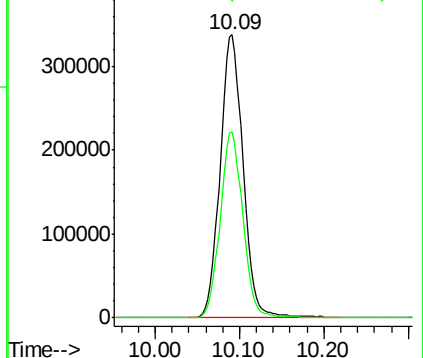


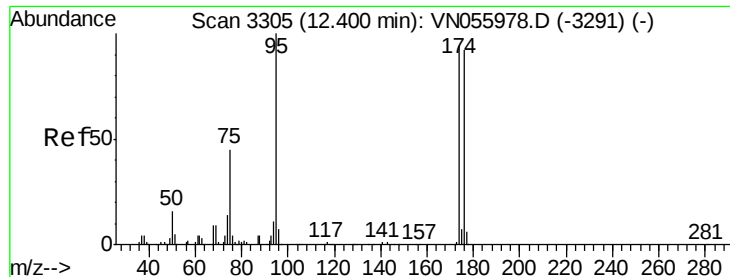
#50
 Toluene-d8
 Concen: 53.824 ug/l
 RT: 10.09 min Scan# 2587
 Delta R.T. 0.00 min
 Lab File: VN056053.D
 Acq: 6 Jun 2019 18:17

Tgt Ion: 98 Resp: 641017
 Ion Ratio Lower Upper
 98 100
 100 65.1 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: 49.650 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN056053.D

Acq: 6 Jun 2019 18:17

Instrument :

MSVOA_N

ClientSampleId :

LF015MW001-190604

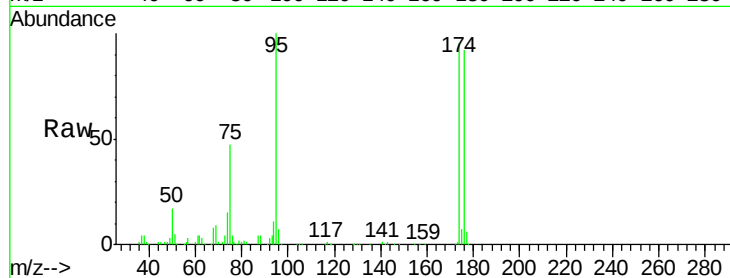
Tot Ion: 95 Resp: 201089

Ion Ratio Lower Upper

95 100

174 95.1 0.0 191.0

176 92.3 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) (-)

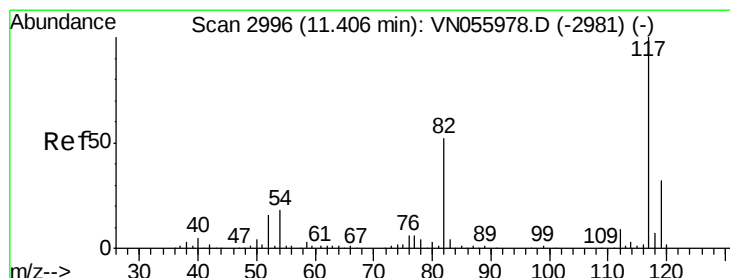
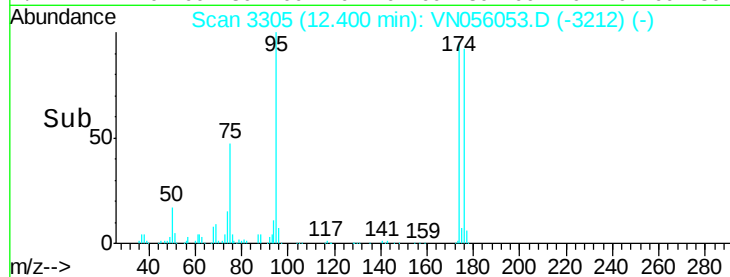
12.40

100000

50000

0

Time--> 12.30 12.40 12.50



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN056053.D

Acq: 6 Jun 2019 18:17

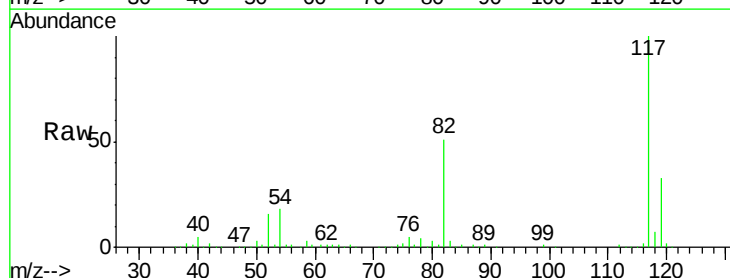
Tgt Ion: 117 Resp: 473589

Ion Ratio Lower Upper

117 100

82 51.3 41.8 62.8

119 32.5 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) (-)

11.41

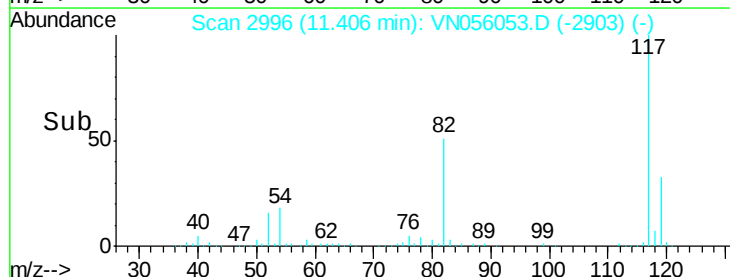
300000

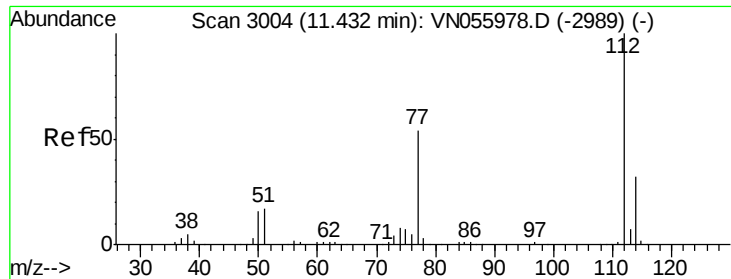
200000

100000

0

Time--> 11.30 11.40 11.50

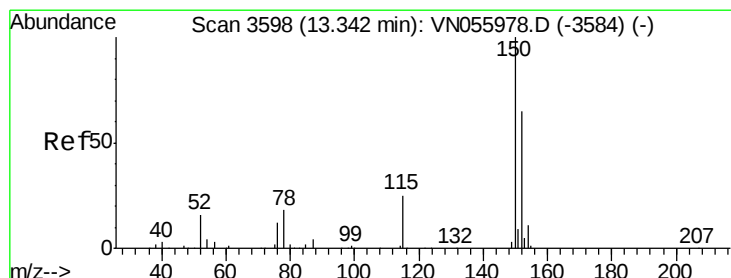
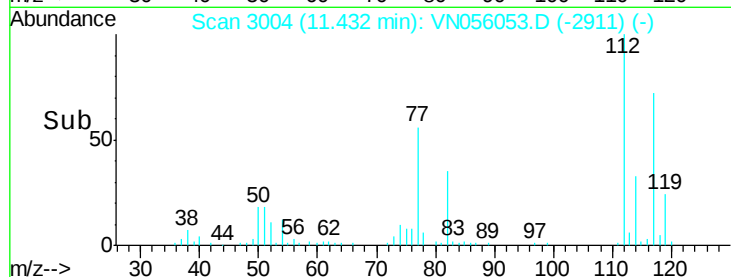
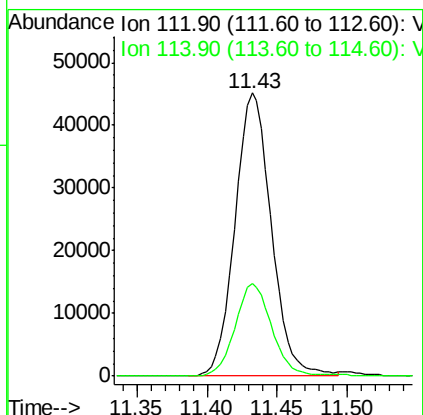
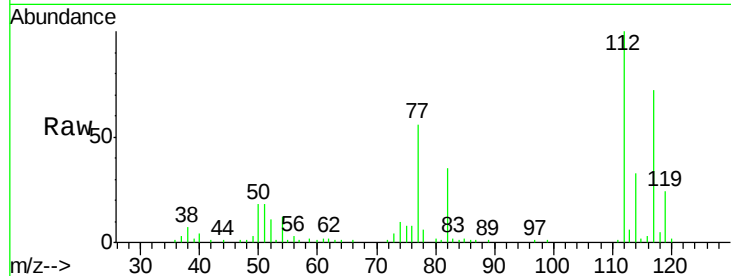




#65
Chlorobenzene
Concen: 8.680 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. -0.00 min
Lab File: VN056053.D
Acq: 6 Jun 2019 18:17

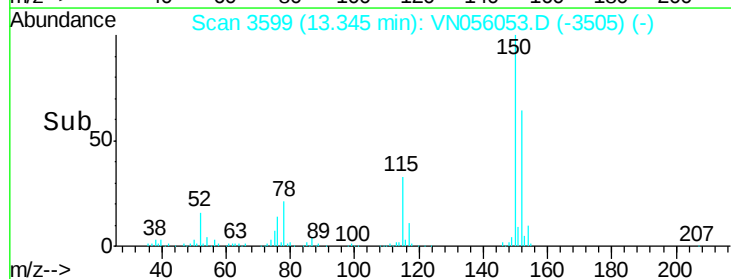
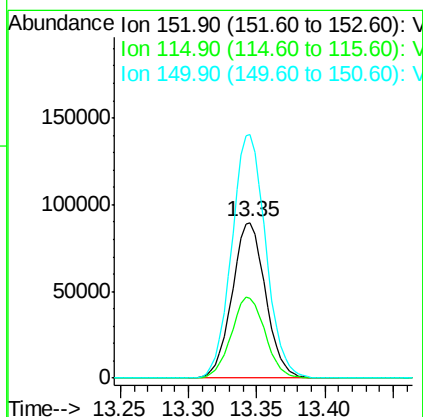
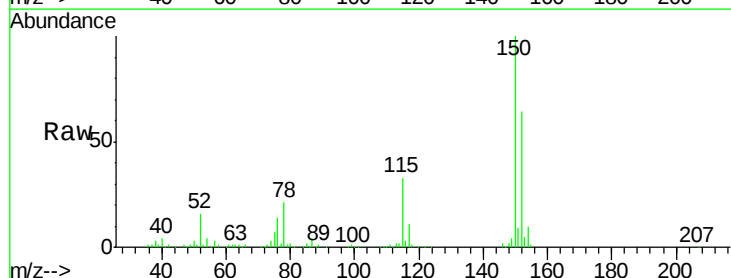
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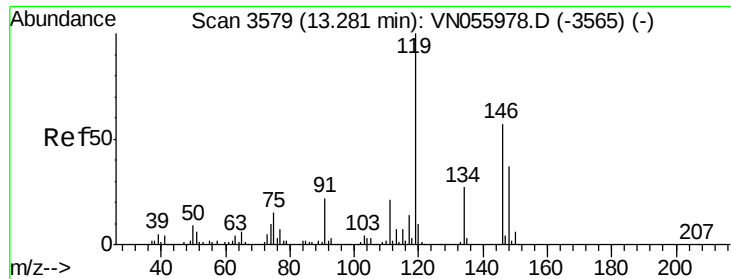
Tot Ion:112 Resp: 81814
Ion Ratio Lower Upper
112 100
114 32.7 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN056053.D
Acq: 6 Jun 2019 18:17

Tgt Ion:152 Resp: 152843
Ion Ratio Lower Upper
152 100
115 52.7 27.0 81.0
150 159.1 0.0 343.2

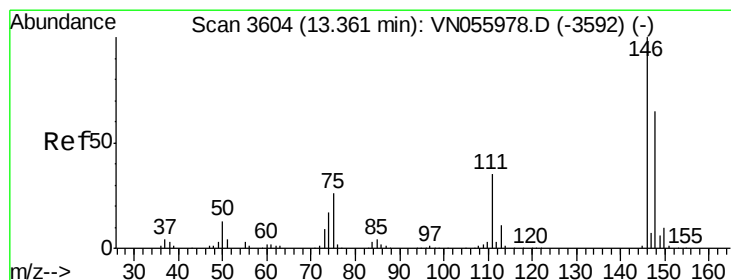
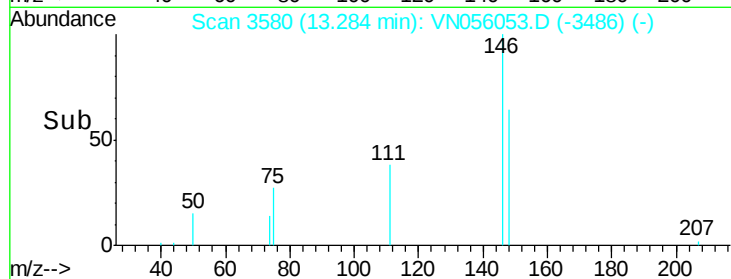
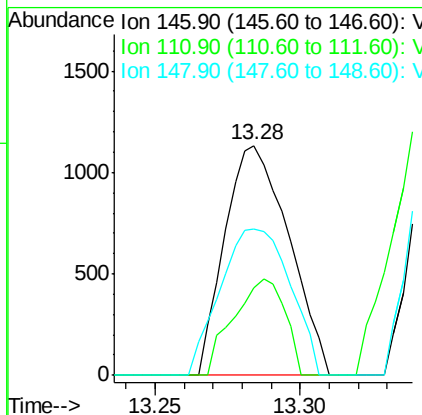
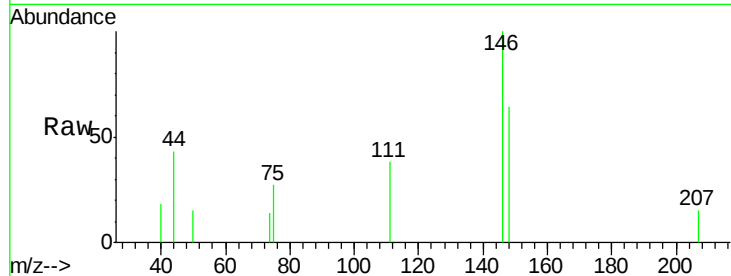




#87
 1,3-Dichlorobenzene
 Concen: 0.342 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. 0.00 min
 Lab File: VN056053.D
 Acq: 6 Jun 2019 18:17

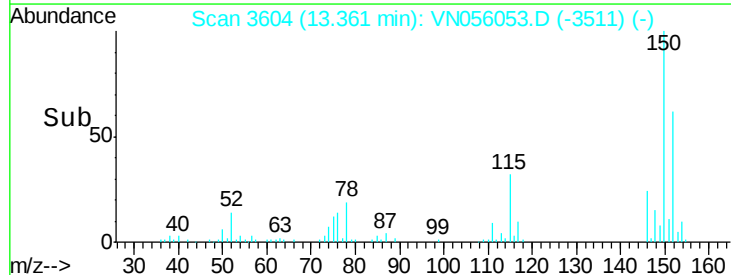
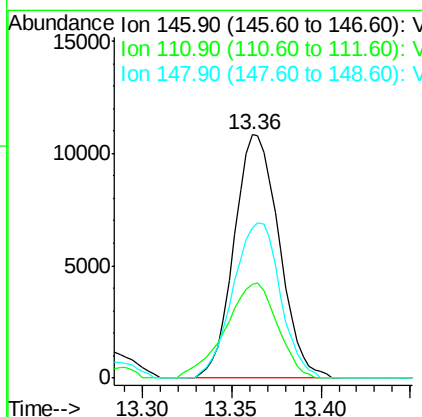
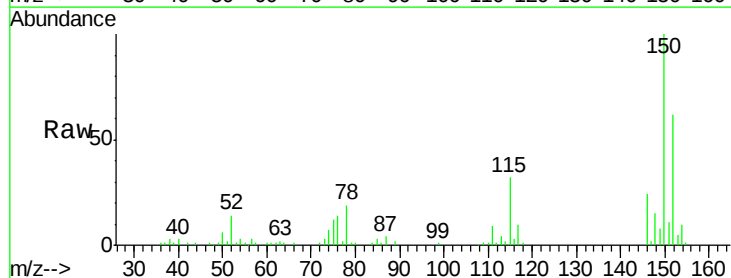
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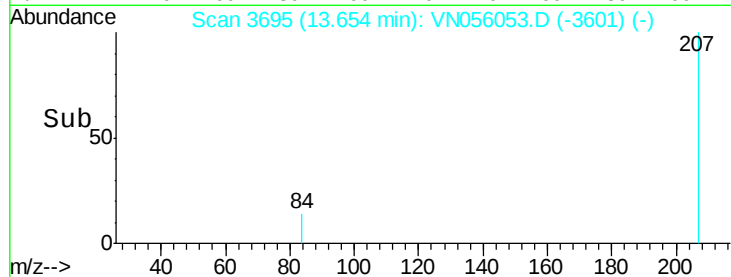
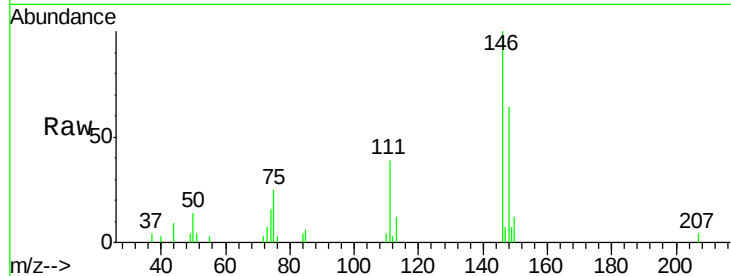
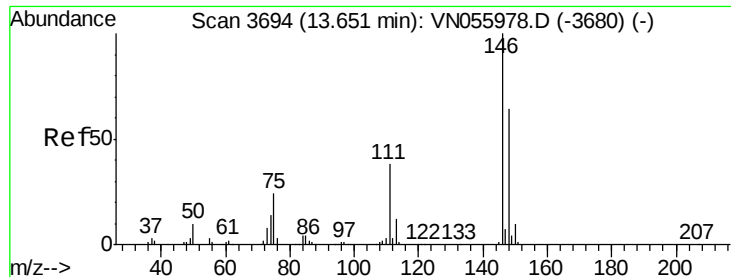
Tot Ion:146 Resp: 1734
 Ion Ratio Lower Upper
 146 100
 111 33.6 18.5 55.5
 148 69.8 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 3.906 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. -0.00 min
 Lab File: VN056053.D
 Acq: 6 Jun 2019 18:17

Tgt Ion:146 Resp: 19029
 Ion Ratio Lower Upper
 146 100
 111 44.9 18.1 54.4
 148 66.9 32.1 96.5





#91

1,2-Dichlorobenzene

Concen: 1.976 ug/l

RT: 13.65 min Scan# 3695

Delta R.T. 0.00 min

Lab File: VN056053.D

Acq: 6 Jun 2019 18:17

Instrument :

MSVOA_N

ClientSampleId :

LF015MW001-190604

Tot Ion:146 Resp: 10104

Ion Ratio Lower Upper

146 100

111 37.7 19.1 57.5

148 64.9 31.9 95.9

