

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060819\
 Data File : VN056115.D
 Acq On : 7 Jun 2019 22:15
 Operator : JC/SP
 Sample : K3203-09DL 100X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LF015MW045-190604DL

Quant Time: Jun 08 06:58:17 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

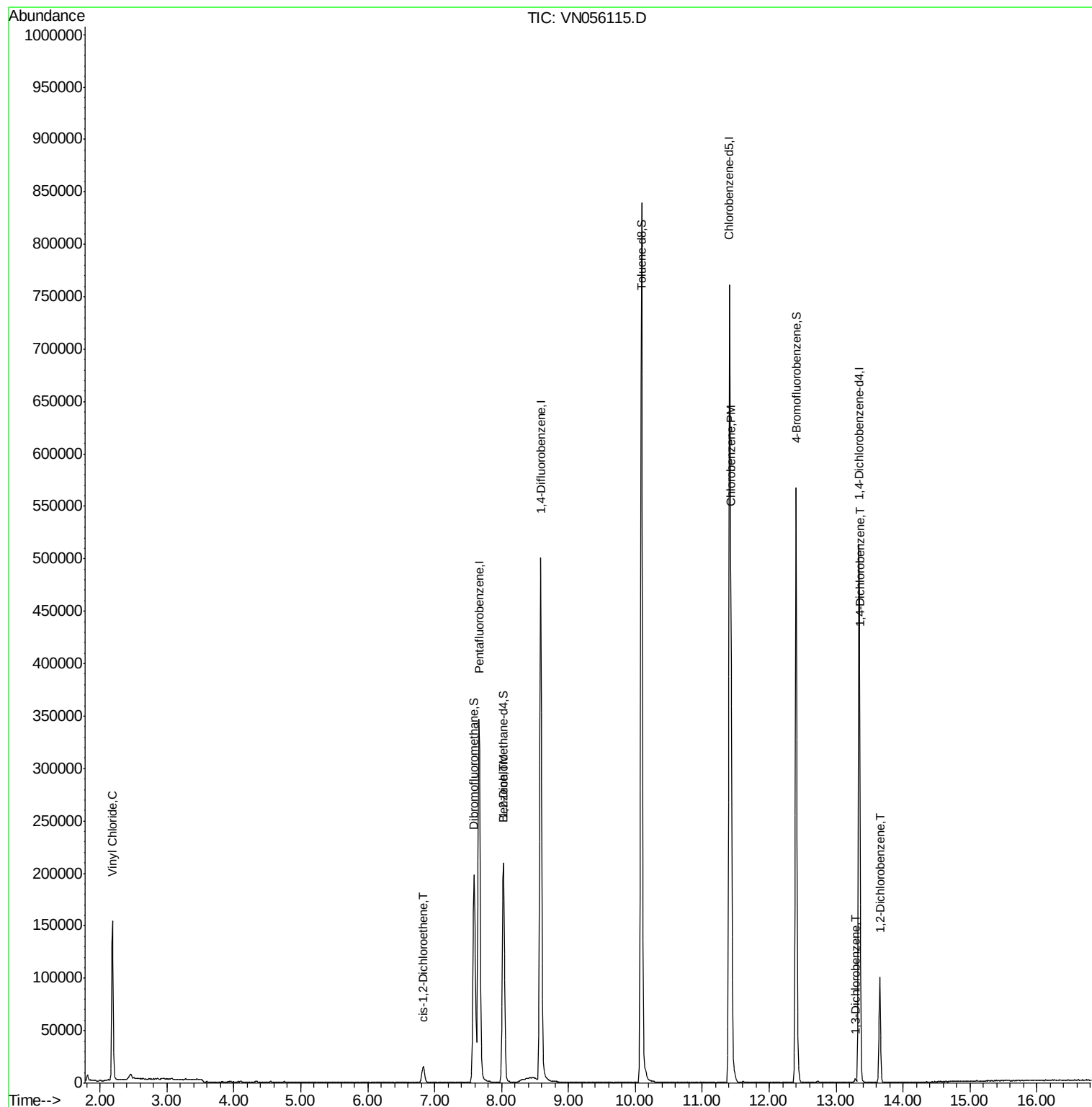
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	331549	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	498789	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	476058	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	155323	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	171608	52.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.26%	
35) Dibromofluoromethane	7.59	113	151505	49.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.02%	
50) Toluene-d8	10.09	98	629632	53.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.94%	
62) 4-Bromofluorobenzene	12.40	95	200162	49.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.96%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.18	62	143145	39.706	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	11561	3.298	ug/l	75
40) Benzene	8.04	78	11907	0.914	ug/l	93
65) Chlorobenzene	11.43	112	195780	20.664	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	2100	0.408	ug/l	97
88) 1,4-Dichlorobenzene	13.36	146	16523	3.337	ug/l	95
91) 1,2-Dichlorobenzene	13.65	146	48351	9.305	ug/l	99

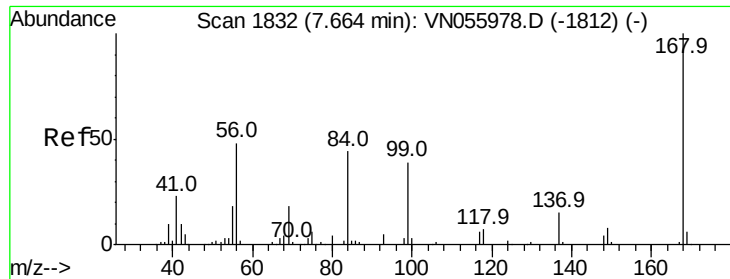
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jun 04 11:02:09 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: VN056115.D

Acq: 7 Jun 2019 22:15

Instrument :

MSVOA_N

ClientSampleId :

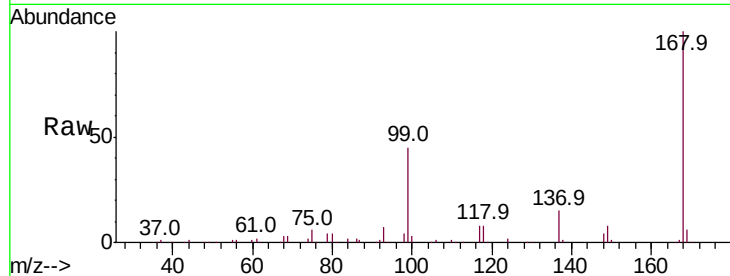
LF015MW045-190604DL

Tot Ion:168 Resp: 331549

Ion Ratio Lower Upper

168 100

99 45.2 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): VN055978.D (-1812) (-)

Ion 98.90 (98.60 to 99.60): VN055978.D (-1812) (-)

7.66

150000

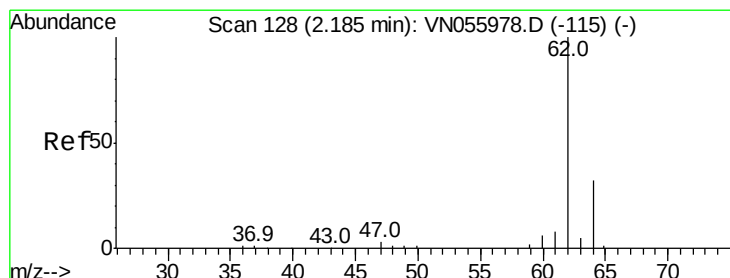
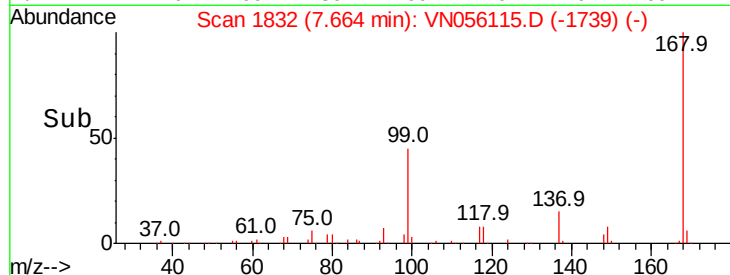
100000

50000

0

7.50 7.60 7.70 7.80

Time-->



#4

Vinyl Chloride

Concen: 39.706 ug/l

RT: 2.18 min Scan# 128

Delta R.T. -0.00 min

Lab File: VN056115.D

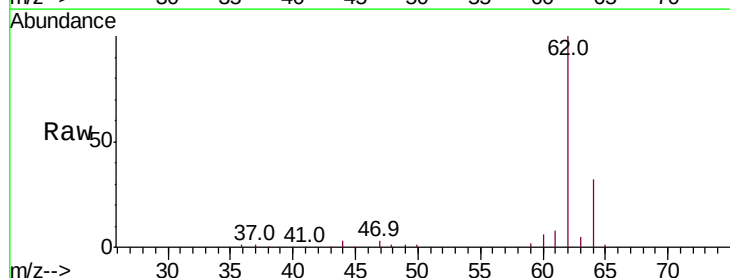
Acq: 7 Jun 2019 22:15

Tgt Ion: 62 Resp: 143145

Ion Ratio Lower Upper

62 100

64 32.0 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VN055978.D (-115) (-)

Ion 63.90 (63.60 to 64.60): VN055978.D (-115) (-)

2.18

100000

80000

60000

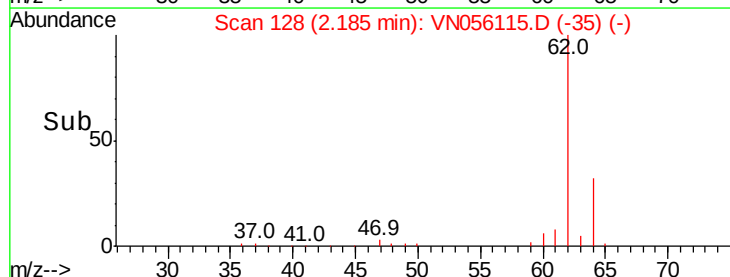
40000

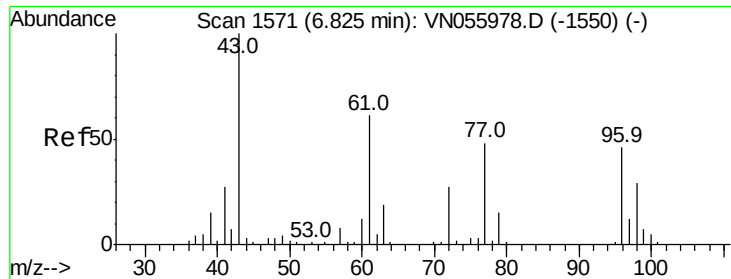
20000

0

2.10 2.15 2.20 2.25 2.30

Time-->





#27

cis-1,2-Dichloroethene

Concen: 3.298 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. 0.00 min

Lab File: VN056115.D

Acq: 7 Jun 2019 22:15

Instrument :

MSVOA_N

ClientSampleId :

LF015MW045-190604DL

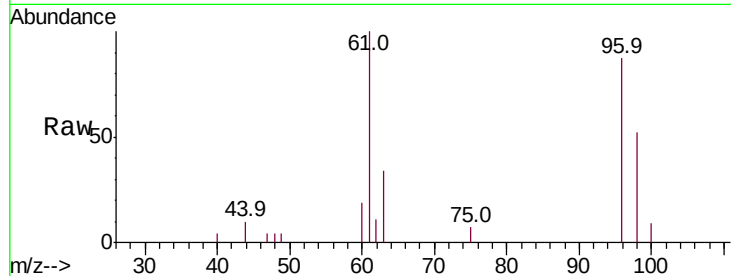
Tot Ion: 96 Resp: 11561

Ion Ratio Lower Upper

96 100

61 115.1 0.0 275.8

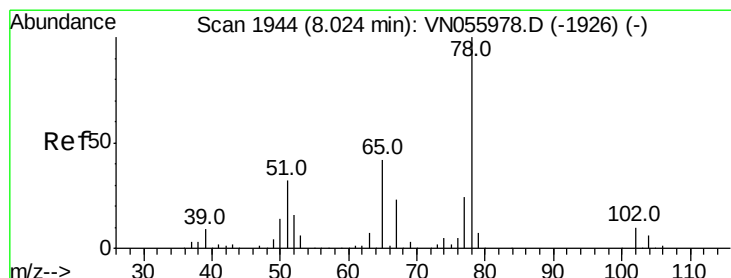
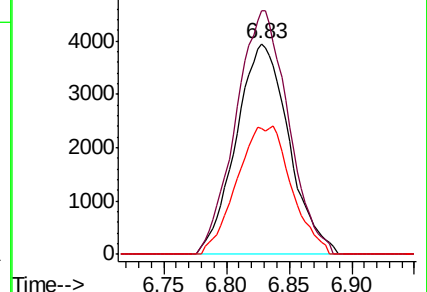
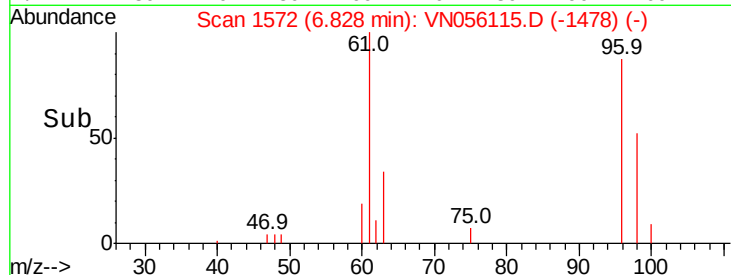
98 34.4 0.0 128.4



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: 52.129 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN056115.D

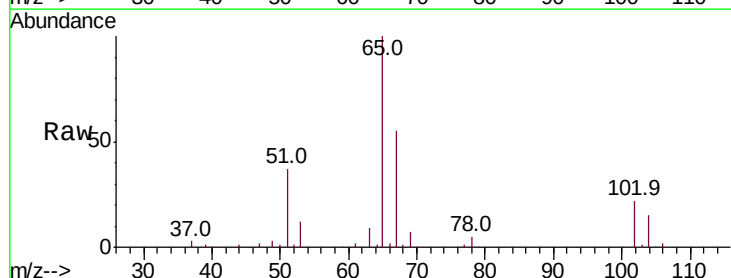
Acq: 7 Jun 2019 22:15

Tgt Ion: 65 Resp: 171608

Ion Ratio Lower Upper

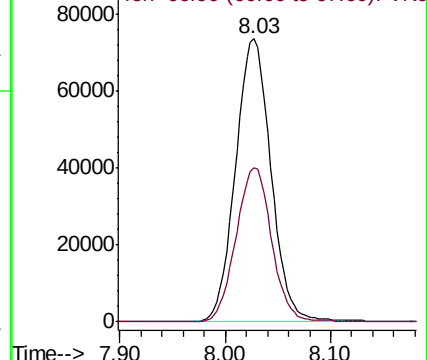
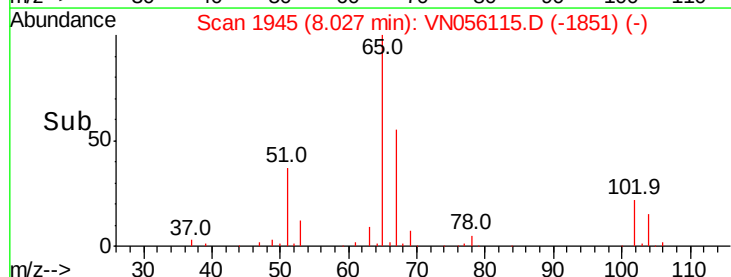
65 100

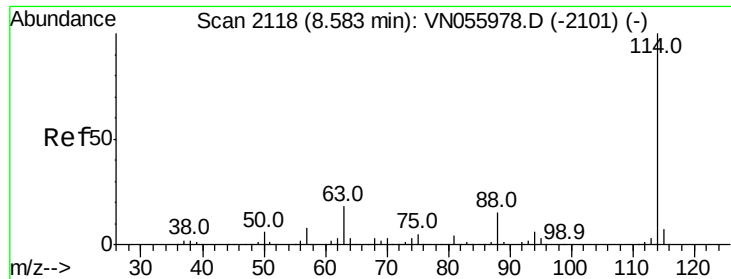
67 55.0 0.0 109.2



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

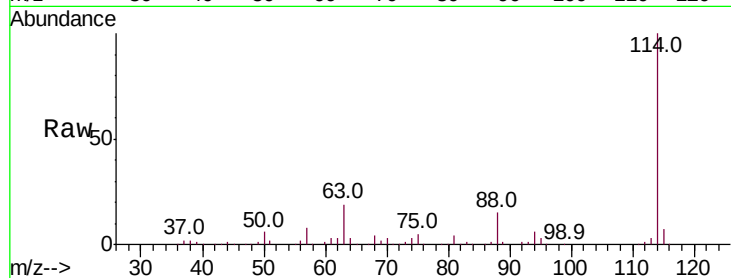




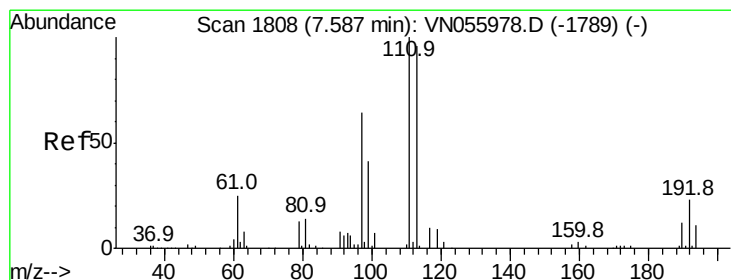
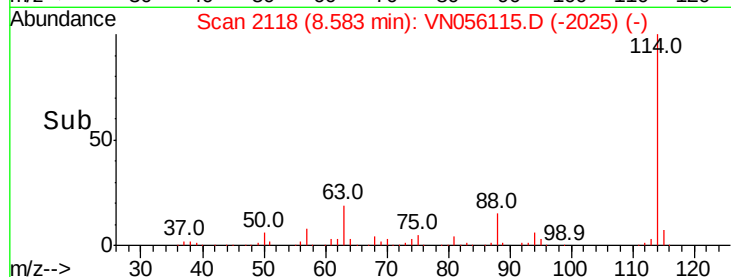
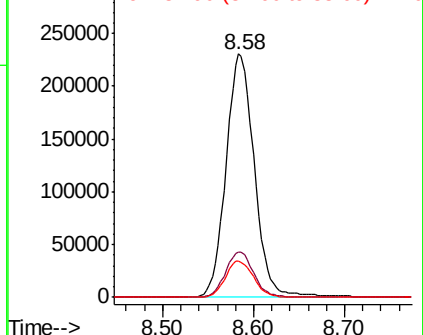
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN056115.D
 Acq: 7 Jun 2019 22:15

Instrument :
 MSVOA_N
 ClientSampleId :
 LF015MW045-190604DL

Tot Ion:114 Resp: 498789
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 39.2
 88 15.0 0.0 31.0

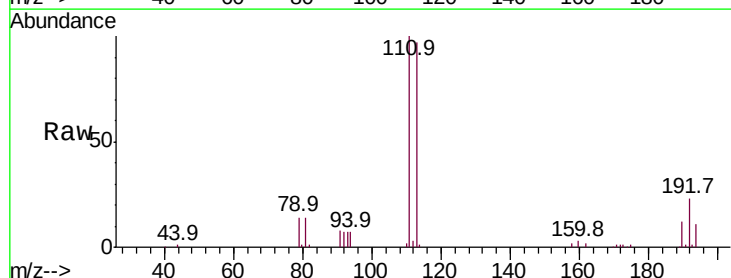


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

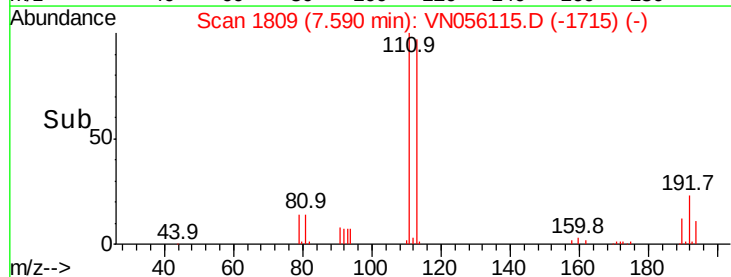
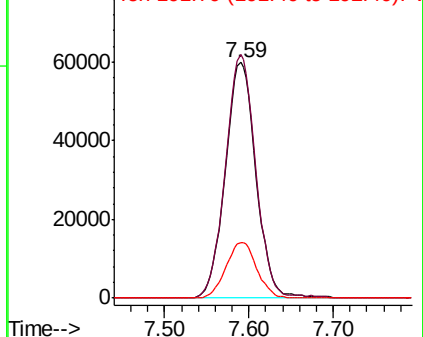


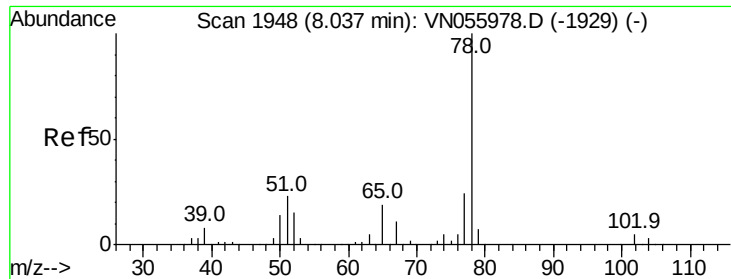
#35
 Dibromofluoromethane
 Concen: 49.508 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN056115.D
 Acq: 7 Jun 2019 22:15

Tgt Ion:113 Resp: 151505
 Ion Ratio Lower Upper
 113 100
 111 101.9 81.9 122.9
 192 23.7 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: 0.914 ug/l

RT: 8.04 min Scan# 1949

Delta R.T. 0.00 min

Lab File: VN056115.D

Acq: 7 Jun 2019 22:15

Instrument :

MSVOA_N

ClientSampleId :

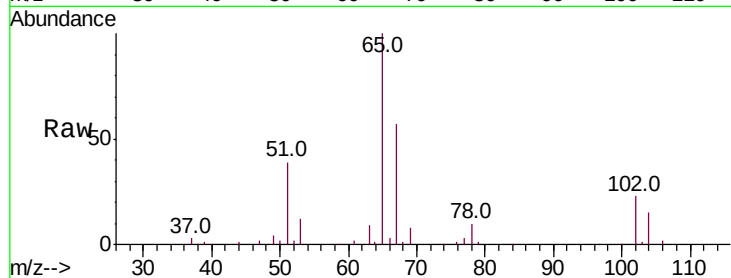
LF015MW045-190604DL

Tot Ion: 78 Resp: 11907

Ion Ratio Lower Upper

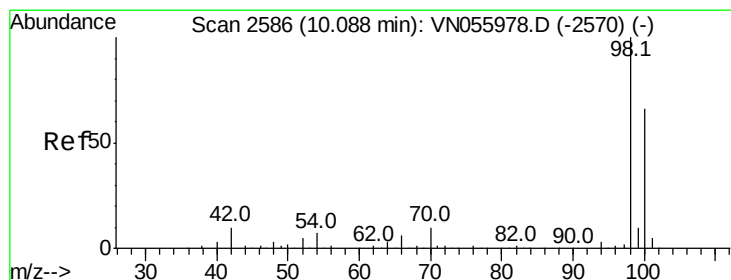
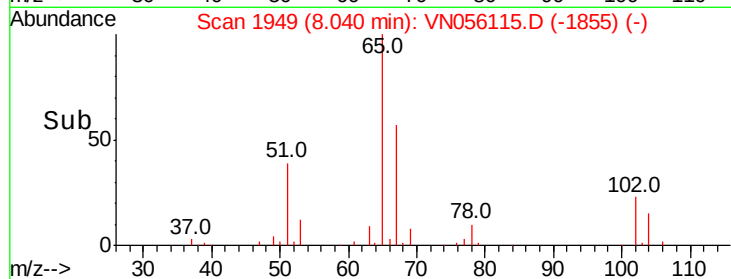
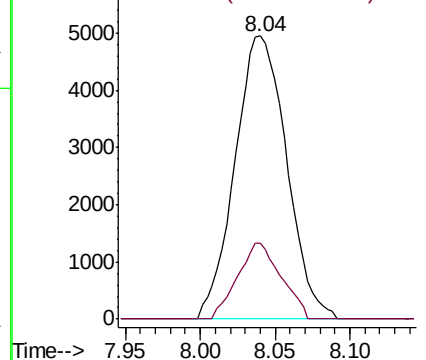
78 100

77 27.1 18.8 28.2



Abundance Ion 78.00 (77.70 to 78.70): VN0

Ion 77.00 (76.70 to 77.70): VN0



#50

Toluene-d8

Concen: 53.468 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN056115.D

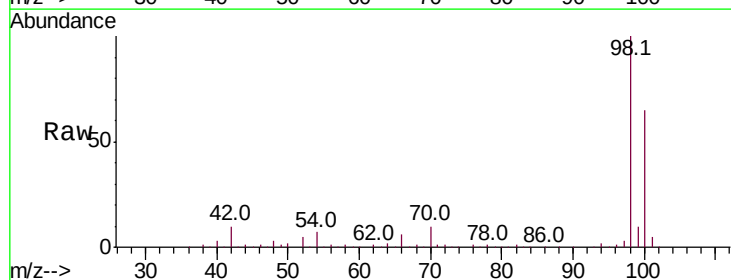
Acq: 7 Jun 2019 22:15

Tgt Ion: 98 Resp: 629632

Ion Ratio Lower Upper

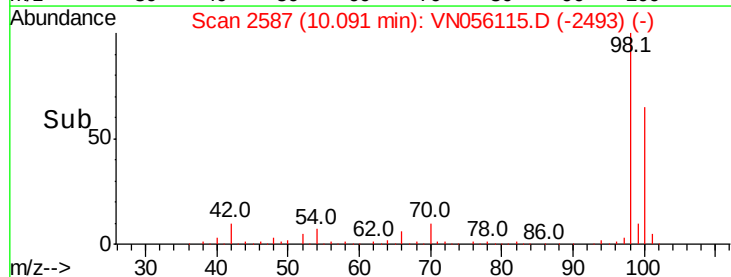
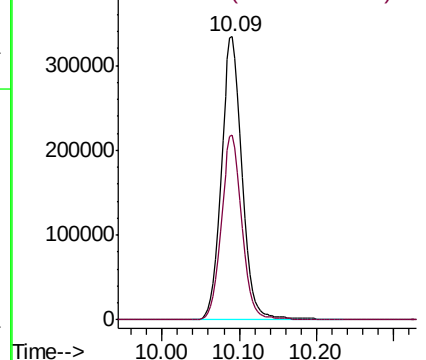
98 100

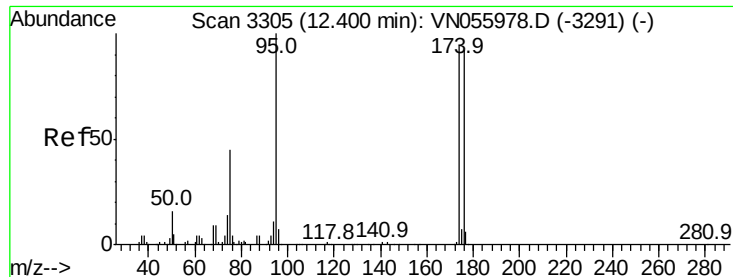
100 65.0 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 49.982 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN056115.D

Acq: 7 Jun 2019 22:15

Instrument :

MSVOA_N

ClientSampleId :

LF015MW045-190604DL

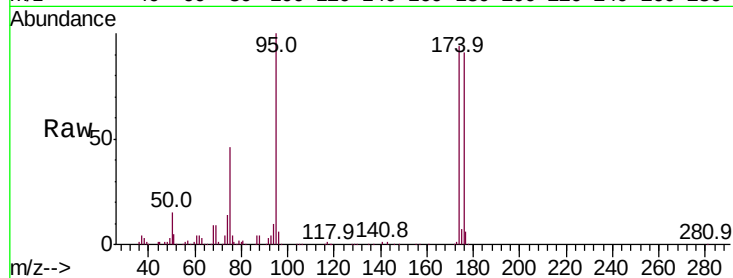
Tot Ion: 95 Resp: 200162

Ion Ratio Lower Upper

95 100

174 96.3 0.0 191.0

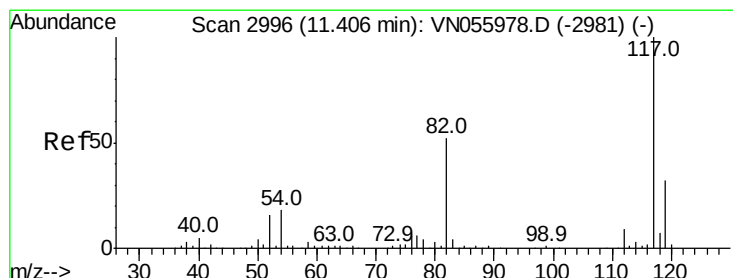
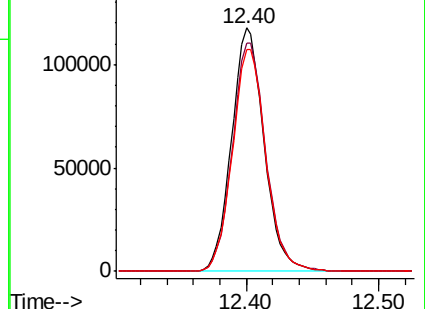
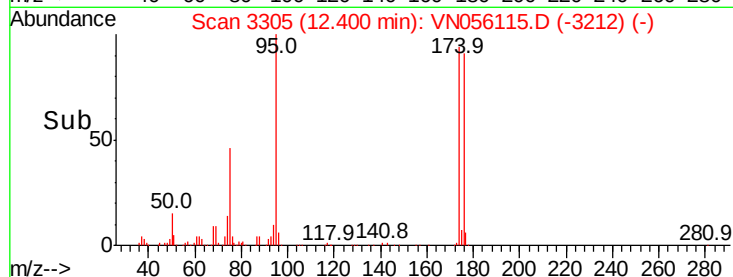
176 93.8 0.0 185.2



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: VN056115.D

Acq: 7 Jun 2019 22:15

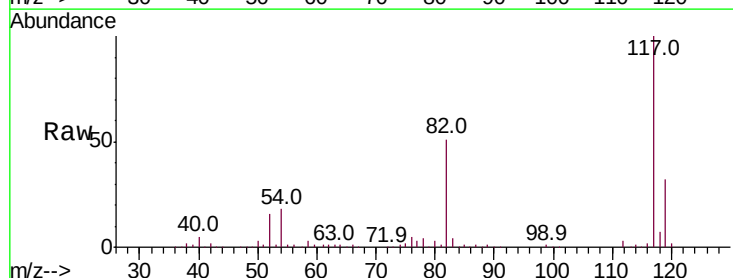
Tgt Ion: 117 Resp: 476058

Ion Ratio Lower Upper

117 100

82 51.0 41.8 62.8

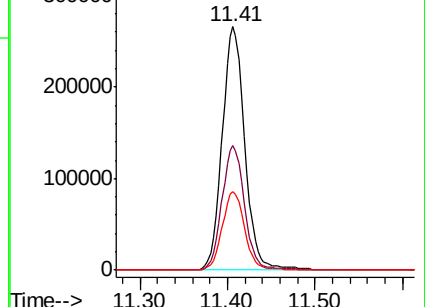
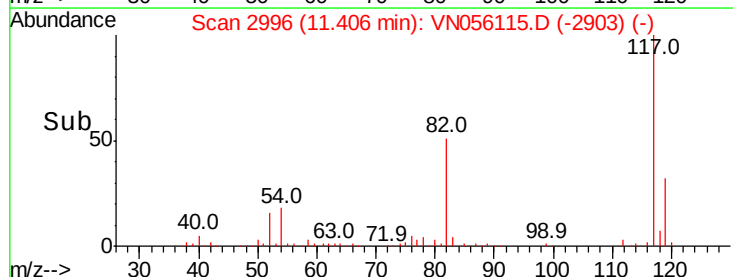
119 32.4 25.4 38.0

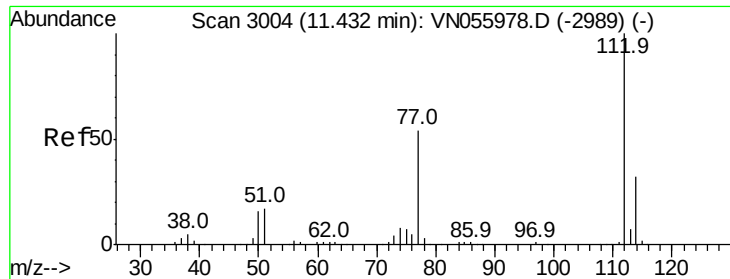


Abundance Ion 116.90 (116.60 to 117.60): VN055978.D (-2981) (-)

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

Ion 118.90 (118.60 to 119.60): VN055978.D (-2981) (-)

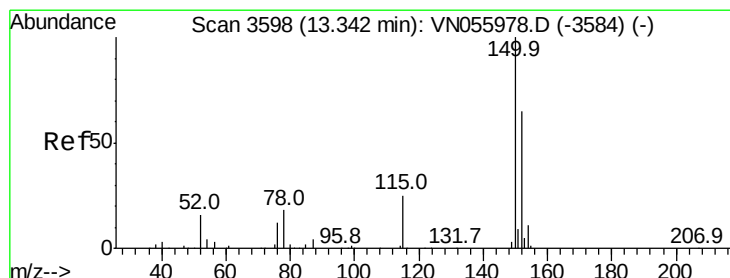
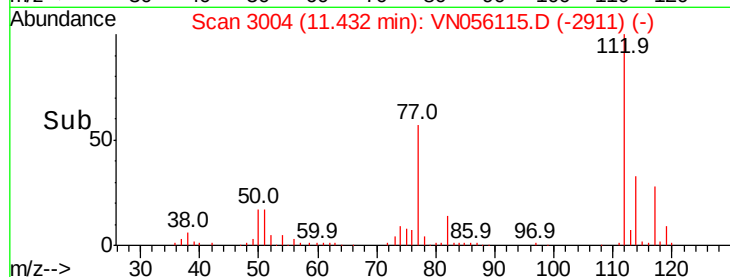
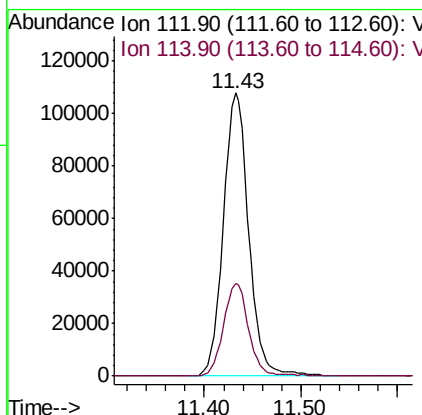
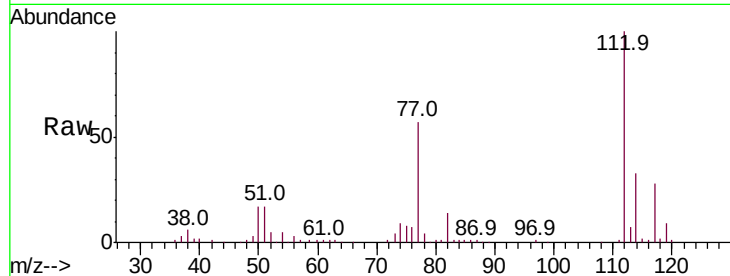




#65
 Chlorobenzene
 Concen: 20.664 ug/l
 RT: 11.43 min Scan# 3004
 Delta R.T. 0.00 min
 Lab File: VN056115.D
 Acq: 7 Jun 2019 22:15

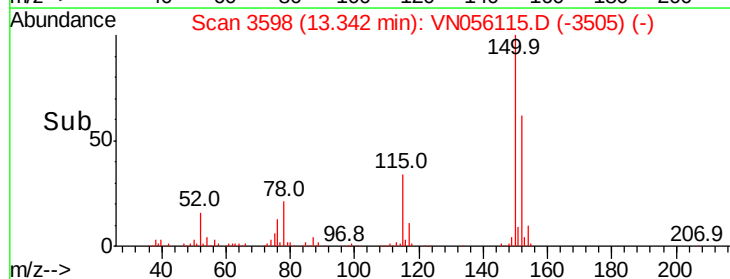
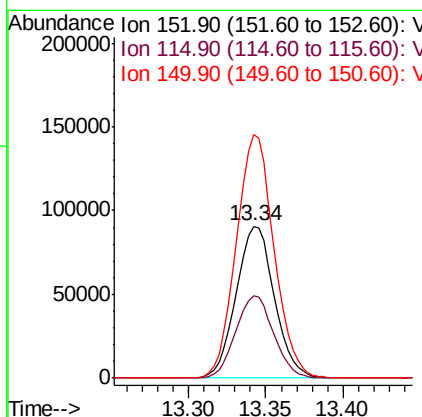
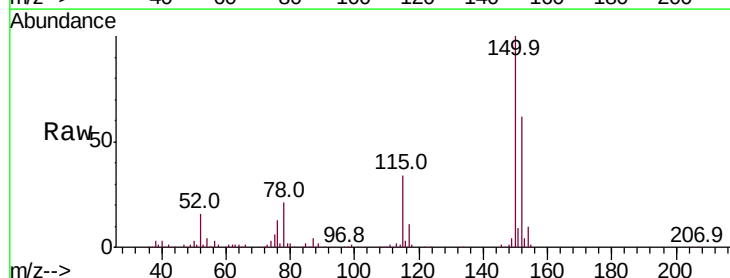
Instrument :
 MSVOA_N
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 LF015MW045-190604DL

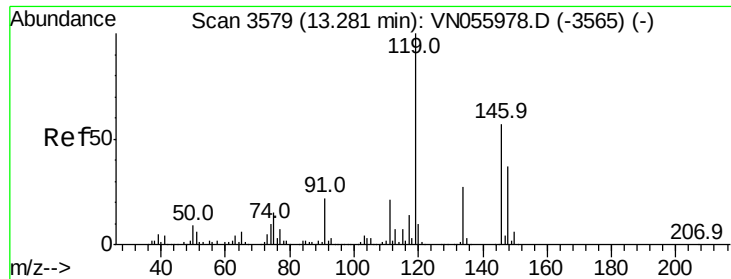
Tot Ion:112 Resp: 195780
 Ion Ratio Lower Upper
 112 100
 114 32.8 26.2 39.4



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.34 min Scan# 3598
 Delta R.T. 0.00 min
 Lab File: VN056115.D
 Acq: 7 Jun 2019 22:15

Tgt Ion:152 Resp: 155323
 Ion Ratio Lower Upper
 152 100
 115 53.8 27.0 81.0
 150 158.6 0.0 343.2





#87

1,3-Dichlorobenzene

Concen: 0.408 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. 0.00 min

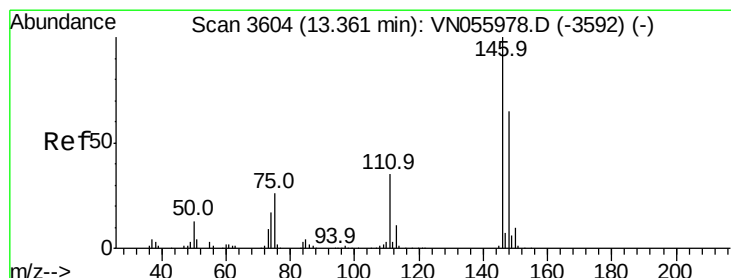
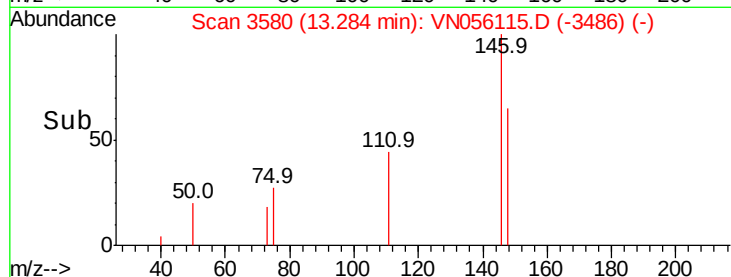
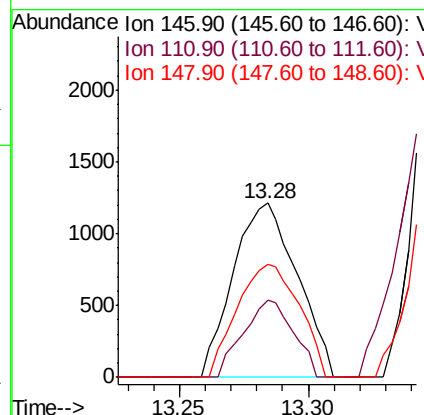
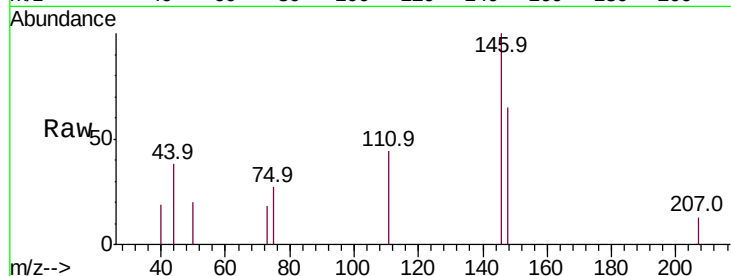
Lab File: VN056115.D

Acq: 7 Jun 2019 22:15

Instrument :
MSVOA_N
ClientSampleId :
LF015MW045-190604DL

Tot Ion:146 Resp: 2100

Ion	Ratio	Lower	Upper
146	100		
111	34.6	18.5	55.5
148	62.8	32.0	96.2



#88

1,4-Dichlorobenzene

Concen: 3.337 ug/l

RT: 13.36 min Scan# 3604

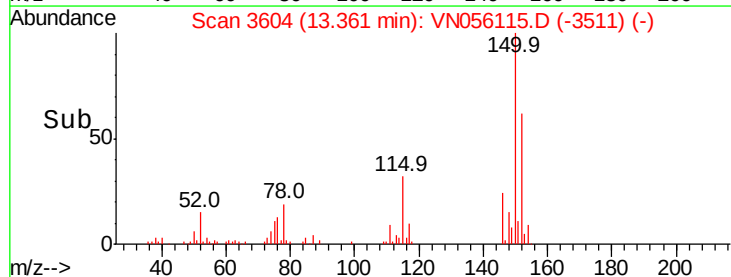
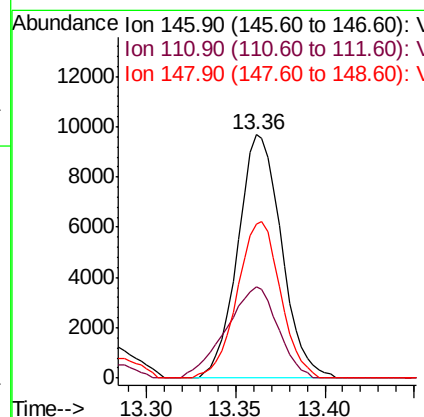
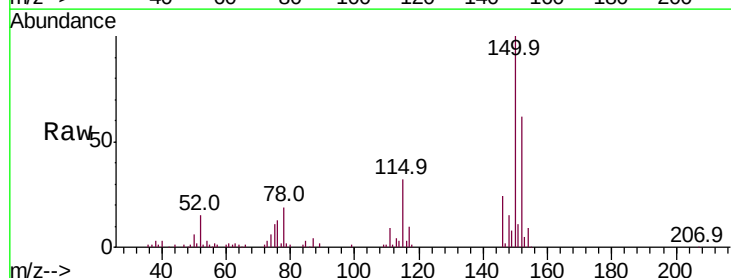
Delta R.T. 0.00 min

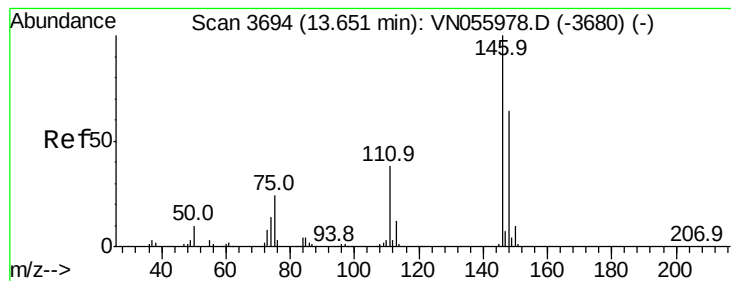
Lab File: VN056115.D

Acq: 7 Jun 2019 22:15

Tgt Ion:146 Resp: 16523

Ion	Ratio	Lower	Upper
146	100		
111	44.0	18.1	54.4
148	63.6	32.1	96.5





#91

1,2-Dichlorobenzene

Concen: 9.305 ug/l

RT: 13.65 min Scan# 3695

Delta R.T. 0.00 min

Lab File: VN056115.D

Acq: 7 Jun 2019 22:15

Instrument :

MSVOA_N

ClientSampleId :

LF015MW045-190604DL

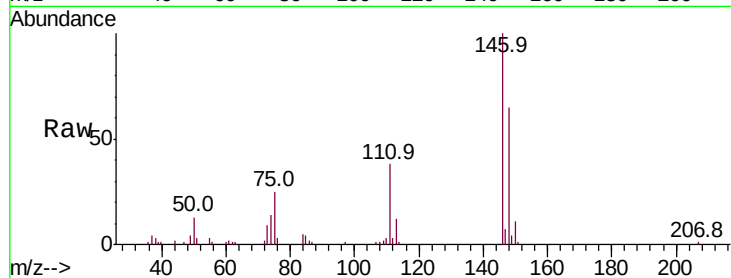
Tot Ion:146 Resp: 48351

Ion Ratio Lower Upper

146 100

111 37.1 19.1 57.5

148 64.0 31.9 95.9



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

