

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN080919\
 Data File : VN057148.D
 Acq On : 9 Aug 2019 15:50
 Operator : JC/SP
 Sample : K4262-02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-9R 080719

Quant Time: Aug 10 02:13:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080719W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 08 06:49:25 2019
 Response via : Initial Calibration

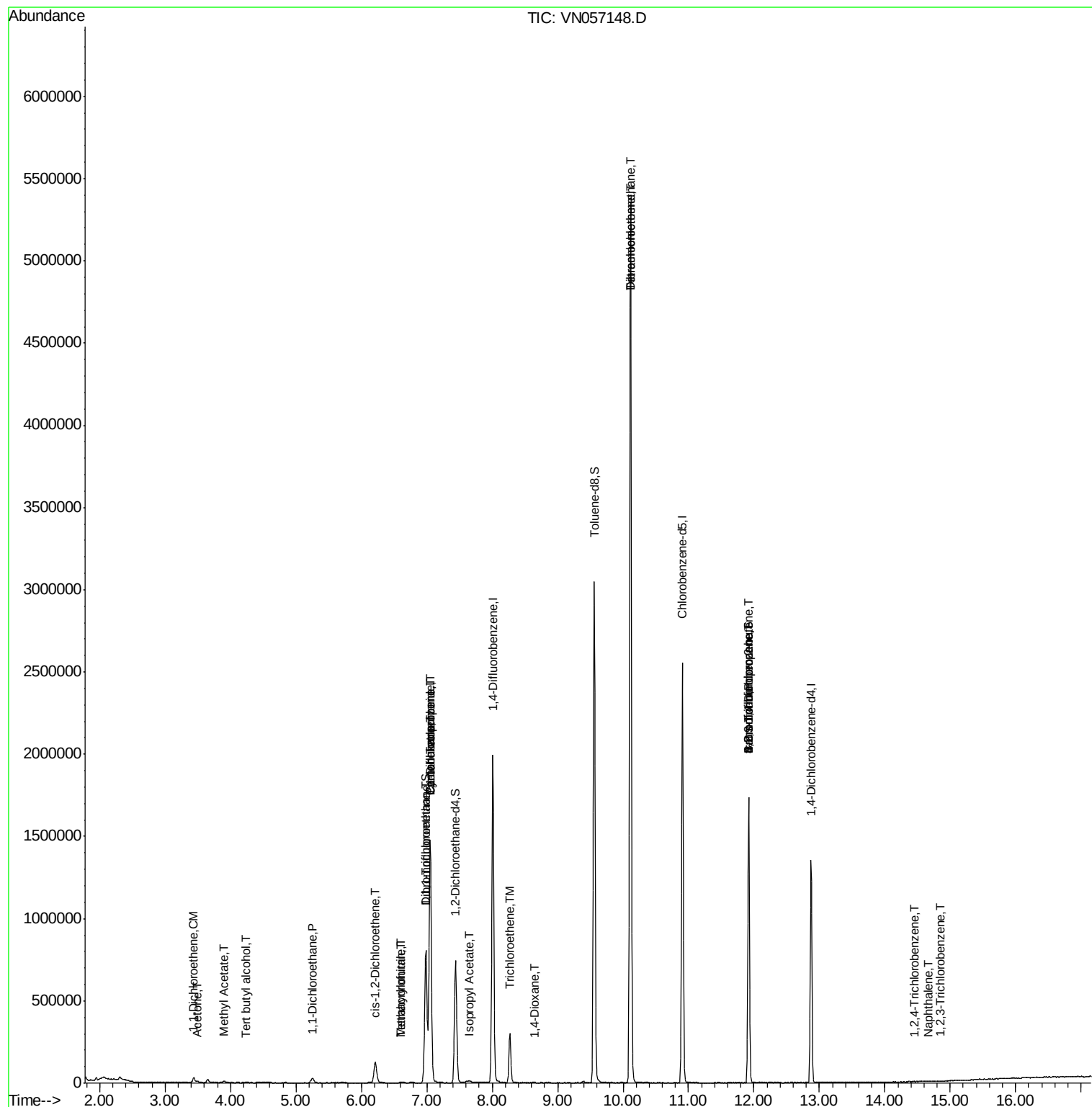
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	1421037	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.01	114	1991338	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.91	117	1659948	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.87	152	405728	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	656966	44.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.90%	
35) Dibromofluoromethane	6.99	113	602066	48.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.36%	
50) Toluene-d8	9.56	98	2304886	48.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.42%	
62) 4-Bromofluorobenzene	11.92	95	598540	38.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.72%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.23	59	1873	0.901	ug/l #	73
12) 1,1-Dichloroethene	3.44	96	17033	1.409	ug/l	92
16) Acetone	3.48	43	4312	0.977	ug/l	95
18) Methyl Acetate	3.91	43	18379	0.750	ug/l	99
24) 1,1-Dichloroethane	5.25	63	45167	1.917	ug/l	93
27) cis-1,2-Dichloroethene	6.21	96	94793	6.282	ug/l	92
29) Tetrahydrofuran	6.61	42	3612	0.795	ug/l #	65
31) Cyclohexane	7.05	56	19964	0.942	ug/l #	1
32) 1,1,1-Trichloroethane	6.98	97	60700	2.967	ug/l	96
36) 1,1-Dichloropropene	7.05	75	83950	5.120	ug/l #	49
37) Ethyl Acetate	6.28	43	64	Below Cal	#	70
38) Carbon Tetrachloride	7.05	117	119255	6.979	ug/l #	16
41) Methacrylonitrile	6.61	41	1854	0.270	ug/l #	31
43) Isopropyl Acetate	7.64	43	18638	0.808	ug/l #	51
44) Trichloroethene	8.27	130	124007	8.528	ug/l	94
49) 1,4-Dioxane	8.65	88	1310	5.914	ug/l #	93
60) Dibromochloromethane	10.11	129	1160277	87.200	ug/l #	11
64) Tetrachloroethene	10.11	164	1407221	101.937	ug/l	98
71) Bromoform	11.92	173	4067	0.445	ug/l #	1
73) Isopropylbenzene	11.77	105	31	Below Cal	#	48
75) 1,1,2,2-Tetrachloroethane	12.03	83	67	Below Cal	#	25
76) 1,2,3-Trichloropropane	11.92	75	279520	34.371	ug/l #	100
79) 2-Chlorotoluene	12.20	91	69	Below Cal	#	39
81) trans-1,4-Dichloro-2-buten	11.92	75	279520	101.297	ug/l #	14
83) tert-Butylbenzene	12.52	119	29	Below Cal	#	48
90) Hexachloroethane	13.40	117	29	Below Cal	#	1
93) 1,2,4-Trichlorobenzene	14.45	180	329	5.979	ug/l #	57
94) Hexachlorobutadiene	14.56	225	155	Below Cal	#	48
95) Naphthalene	14.67	128	396	2.840	ug/l #	79
96) 1,2,3-Trichlorobenzene	14.84	180	299	5.765	ug/l #	62

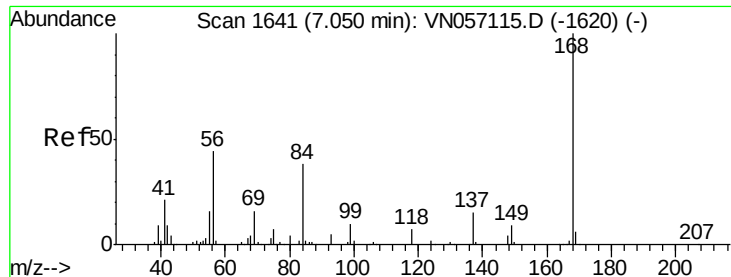
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 1642

Delta R.T. 0.00 min

Lab File: VN057148.D

Acq: 9 Aug 2019 15:50

Instrument :

MSVOA_N

ClientSampleId :

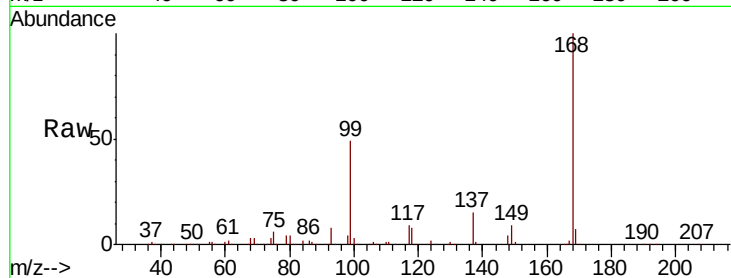
MW-9R 080719

Tgt Ion:168 Resp: 1421037

Ion Ratio Lower Upper

168 100

99 48.3 38.6 57.8



Abundance Ion 167.90 (167.60 to 168.60): VN057115.D (-1620) (-)

Ion 98.90 (98.60 to 99.60): VN057115.D (-1620) (-)

7.05

600000

500000

400000

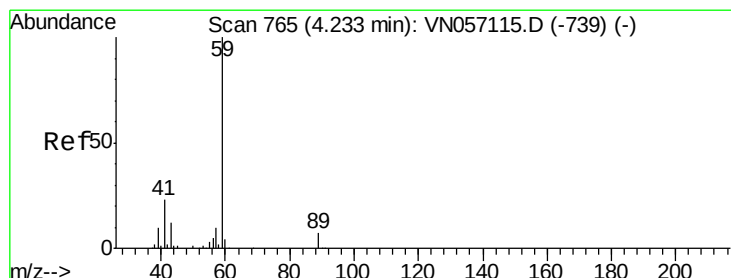
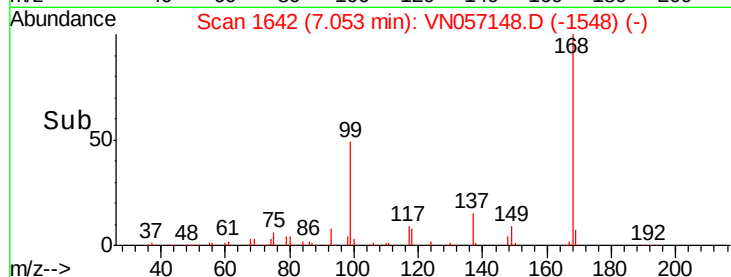
300000

200000

100000

0

Time--> 6.90 7.00 7.10



#11

Tert butyl alcohol

Concen: 0.901 ug/l

RT: 4.23 min Scan# 765

Delta R.T. -0.00 min

Lab File: VN057148.D

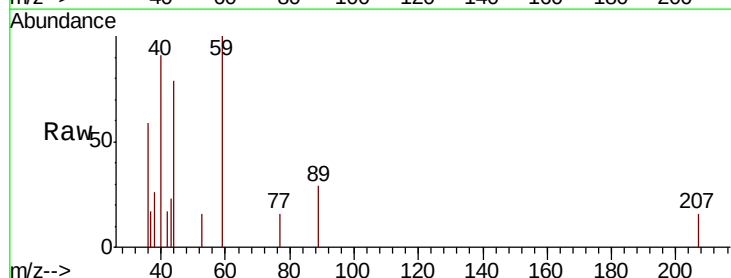
Acq: 9 Aug 2019 15:50

Tgt Ion: 59 Resp: 1873

Ion Ratio Lower Upper

59 100

57 0.0 7.9 11.9#



Abundance Ion 59.00 (58.70 to 59.70): VN057115.D (-739) (-)

Ion 57.00 (56.70 to 57.70): VN057115.D (-739) (-)

4.23

1000

800

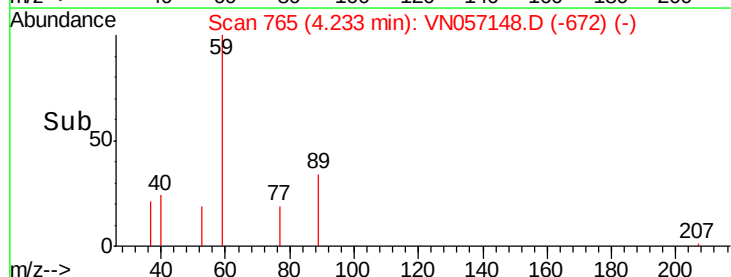
600

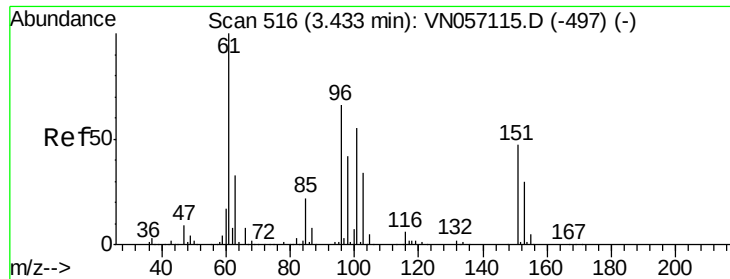
400

200

0

Time--> 4.20 4.22 4.24 4.26 4.28

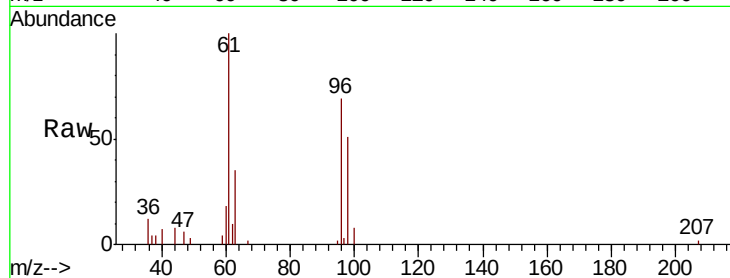




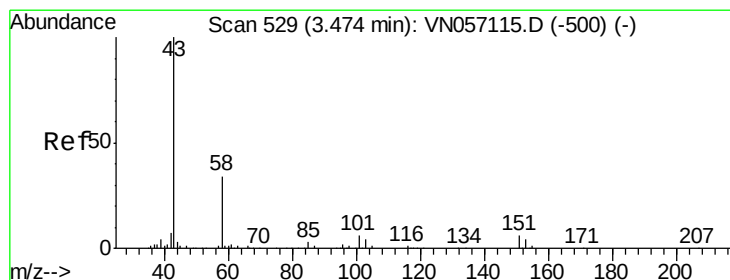
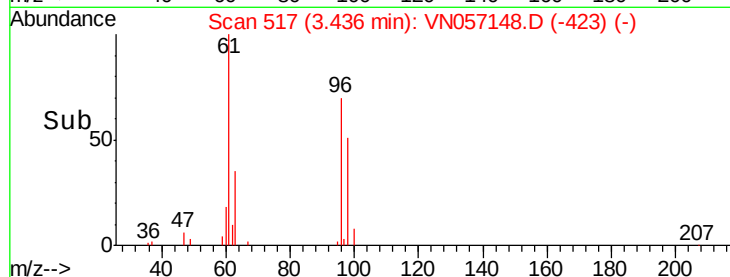
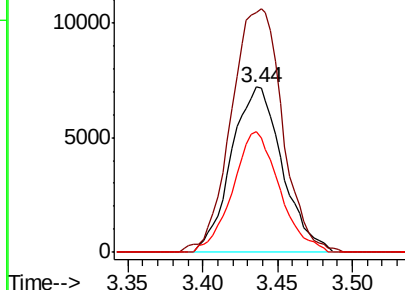
#12
 1,1-Dichloroethene
 Concen: 1.409 ug/l
 RT: 3.44 min Scan# 517
 Delta R.T. 0.00 min
 Lab File: VN057148.D
 Acq: 9 Aug 2019 15:50

Instrument :
 MSVOA_N
 ClientSampled :
 MW-9R 080719

Tgt Ion: 96 Resp: 17033
 Ion Ratio Lower Upper
 96 100
 61 142.7 121.0 181.6
 98 73.2 50.8 76.2

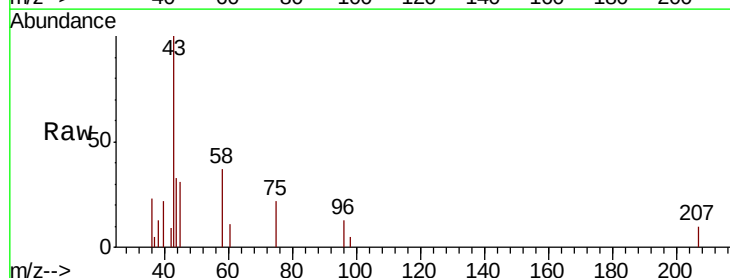


Abundance Ion 95.90 (95.60 to 96.60): VN0
 Ion 60.90 (60.60 to 61.60): VN0
 Ion 97.90 (97.60 to 98.60): VN0

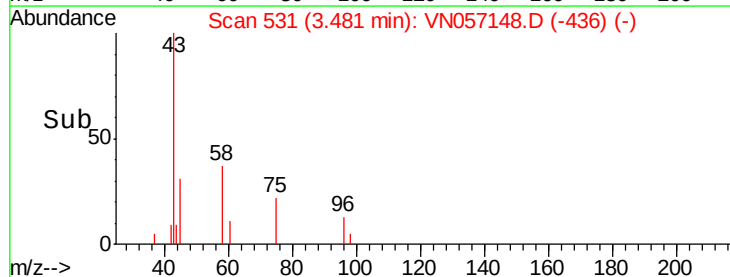
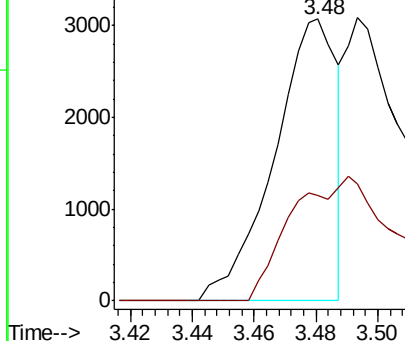


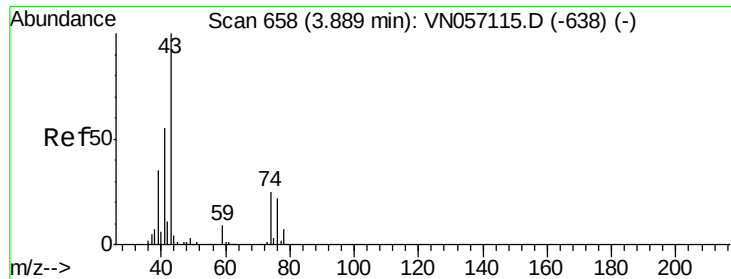
#16
 Acetone
 Concen: 0.977 ug/l
 RT: 3.48 min Scan# 531
 Delta R.T. 0.01 min
 Lab File: VN057148.D
 Acq: 9 Aug 2019 15:50

Tgt Ion: 43 Resp: 4312
 Ion Ratio Lower Upper
 43 100
 58 37.4 27.4 41.2



Abundance Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

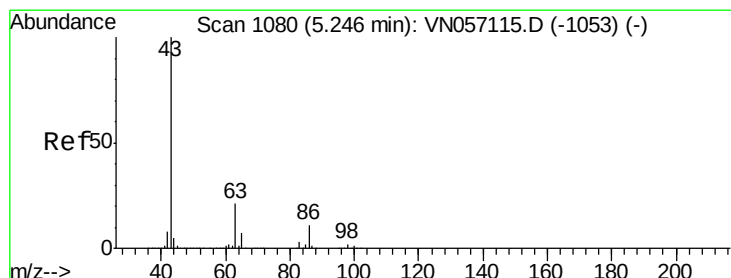
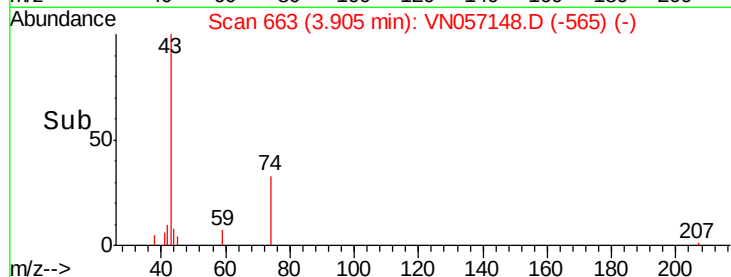
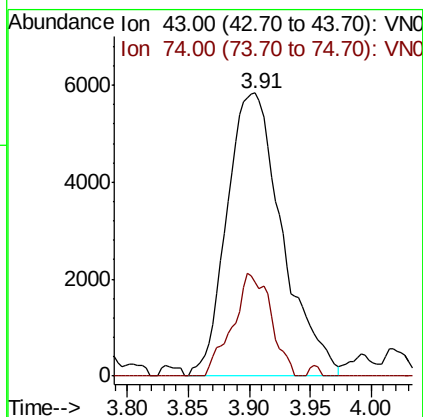
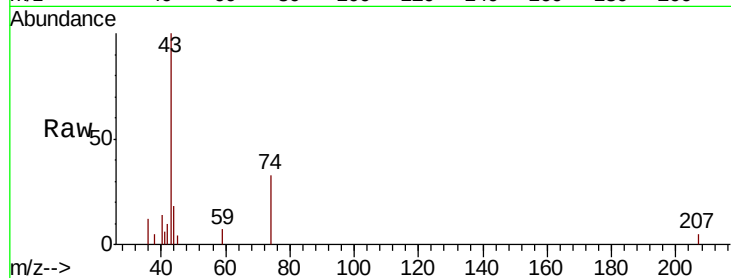




#18
Methyl Acetate
Concen: 0.750 ug/l
RT: 3.91 min Scan# 663
Delta R.T. 0.02 min
Lab File: VN057148.D
Acq: 9 Aug 2019 15:50

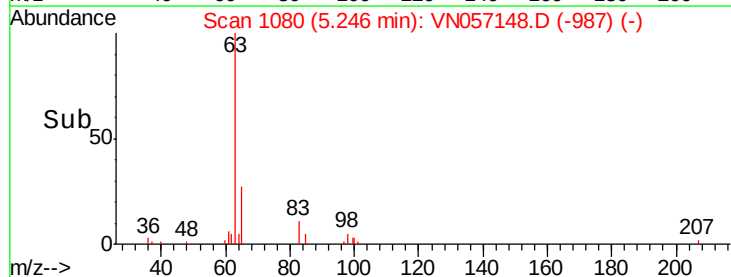
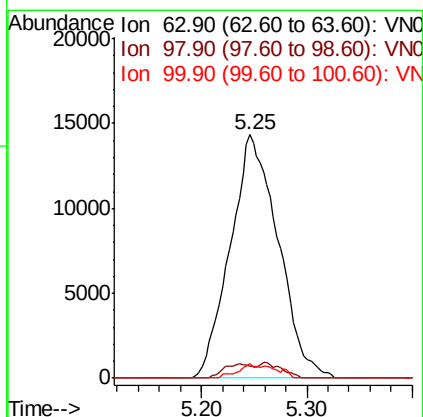
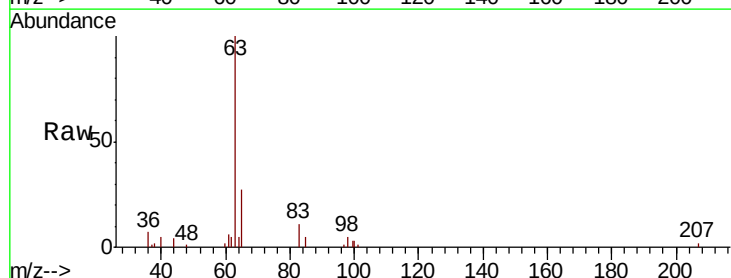
Instrument :
MSVOA_N
ClientSampleId :
MW-9R_080719

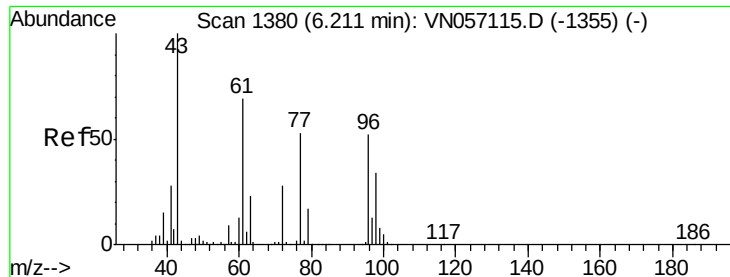
Tgt Ion: 43 Resp: 18379
Ion Ratio Lower Upper
43 100
74 25.0 20.2 30.4



#24
1,1-Dichloroethane
Concen: 1.917 ug/l
RT: 5.25 min Scan# 1080
Delta R.T. -0.00 min
Lab File: VN057148.D
Acq: 9 Aug 2019 15:50

Tgt Ion: 63 Resp: 45167
Ion Ratio Lower Upper
63 100
98 5.0 3.8 11.2
100 6.0 2.1 6.3





#27

cis-1,2-Dichloroethene

Concen: 6.282 ug/l

RT: 6.21 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VN057148.D

Acq: 9 Aug 2019 15:50

Instrument :

MSVOA_N

ClientSampleId :

MW-9R 080719

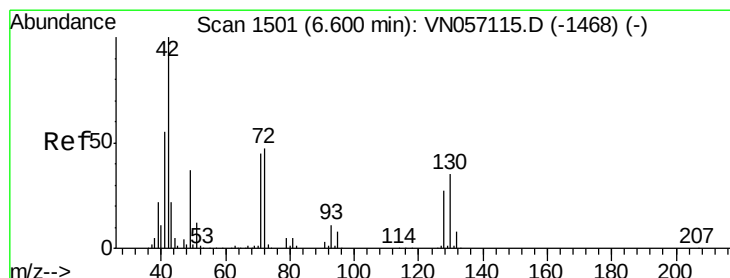
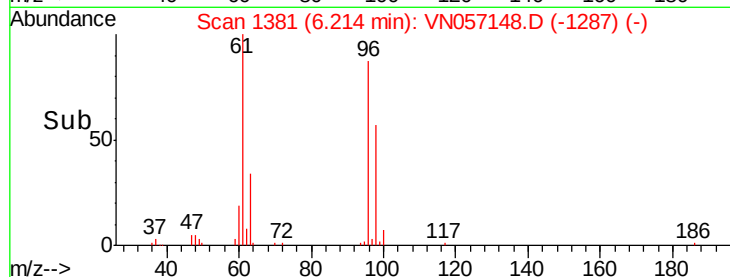
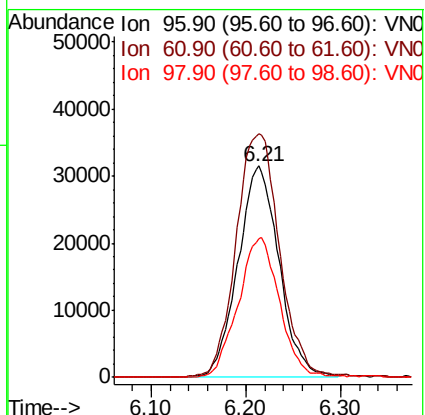
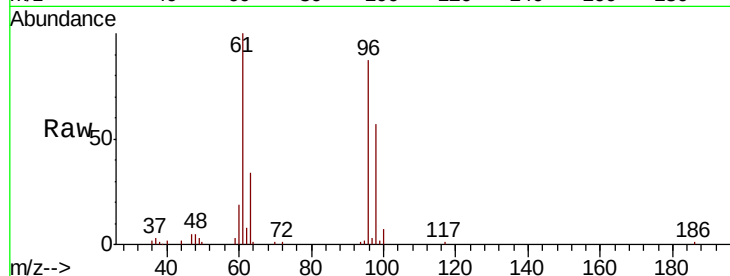
Tgt Ion: 96 Resp: 94793

Ion Ratio Lower Upper

96 100

61 122.7 0.0 273.4

98 66.2 0.0 130.4



#29

Tetrahydrofuran

Concen: 0.795 ug/l

RT: 6.61 min Scan# 1504

Delta R.T. 0.01 min

Lab File: VN057148.D

Acq: 9 Aug 2019 15:50

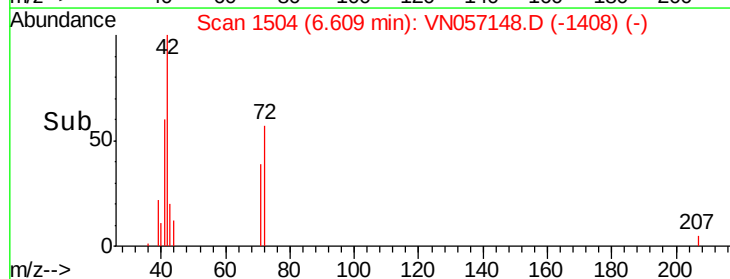
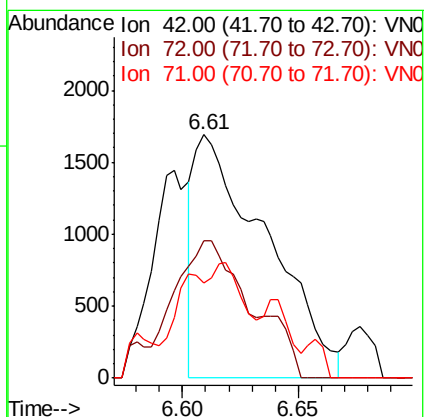
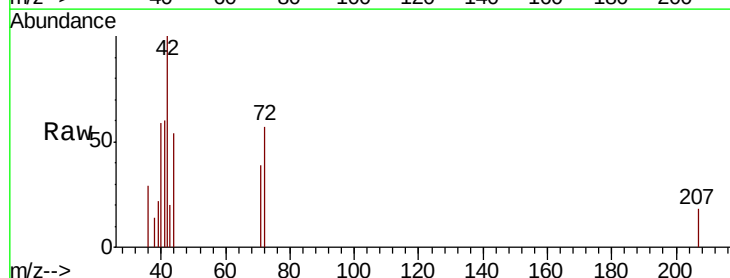
Tgt Ion: 42 Resp: 3612

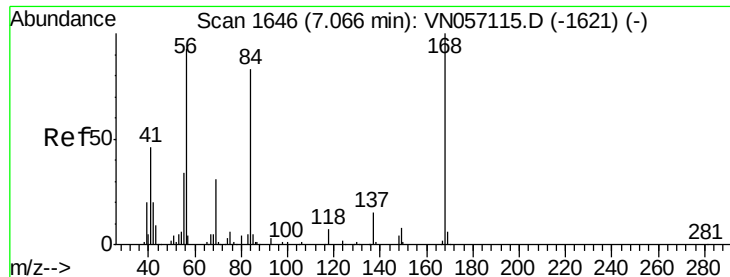
Ion Ratio Lower Upper

42 100

72 60.3 37.1 55.7#

71 11.1 34.8 52.2#

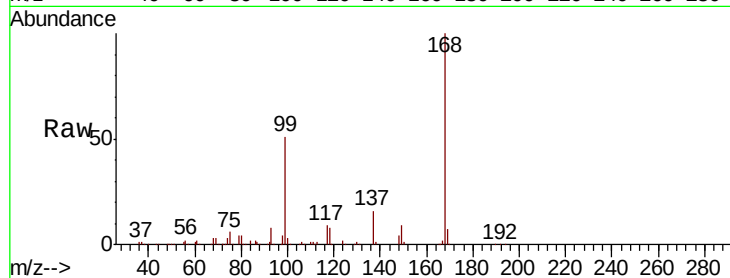




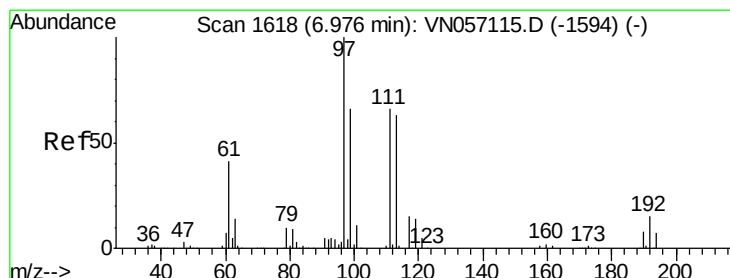
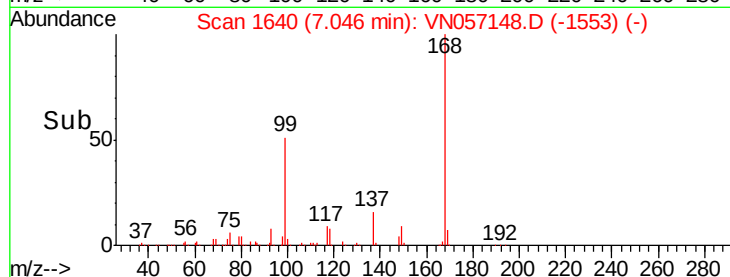
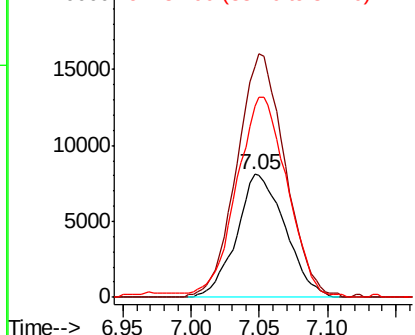
#31
Cyclohexane
Concen: 0.942 ug/l
RT: 7.05 min Scan# 1640
Delta R.T. -0.02 min
Lab File: VN057148.D
Acq: 9 Aug 2019 15:50

Instrument :
MSVOA_N
ClientSampleId :
MW-9R_080719

Tgt Ion: 56 Resp: 19964
Ion Ratio Lower Upper
56 100
69 186.0 26.9 40.3#
84 153.0 71.9 107.9#

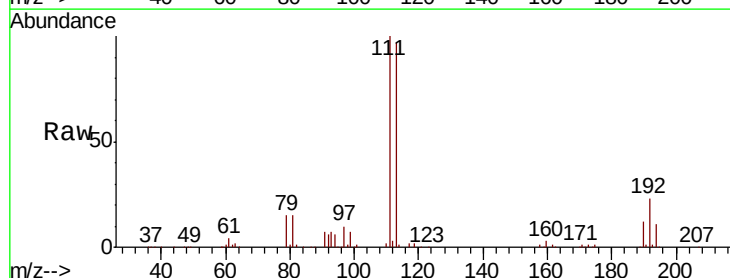


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

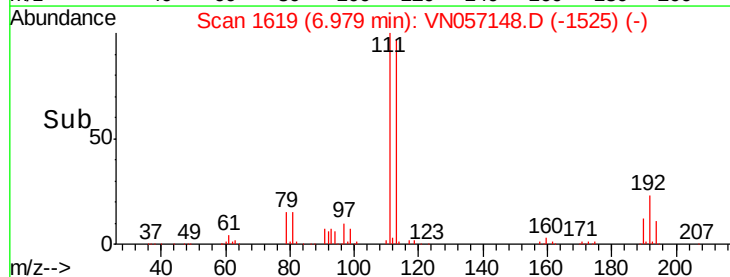
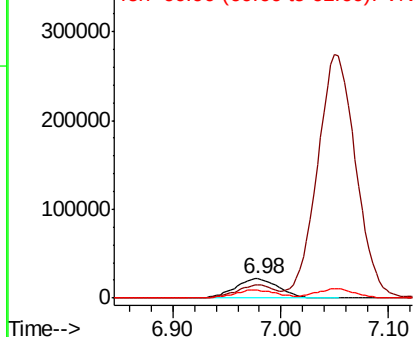


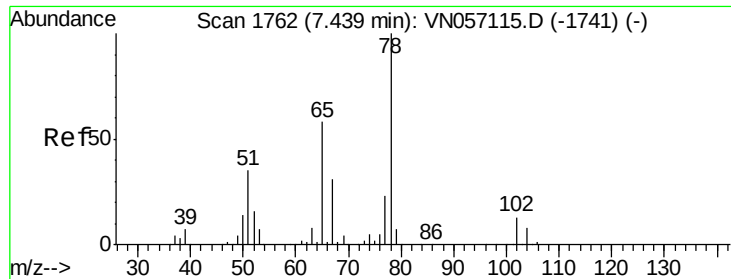
#32
1,1,1-Trichloroethane
Concen: 2.967 ug/l
RT: 6.98 min Scan# 1619
Delta R.T. 0.00 min
Lab File: VN057148.D
Acq: 9 Aug 2019 15:50

Tgt Ion: 97 Resp: 60700
Ion Ratio Lower Upper
97 100
99 60.2 51.8 77.6
61 41.5 32.7 49.1



Abundance Ion 96.90 (96.60 to 97.60): VN0
Ion 98.90 (98.60 to 99.60): VN0
Ion 60.90 (60.60 to 61.60): VN0

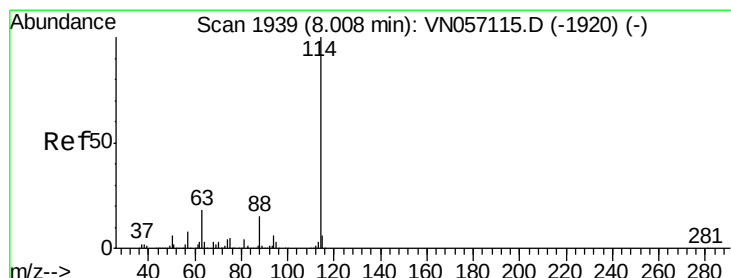
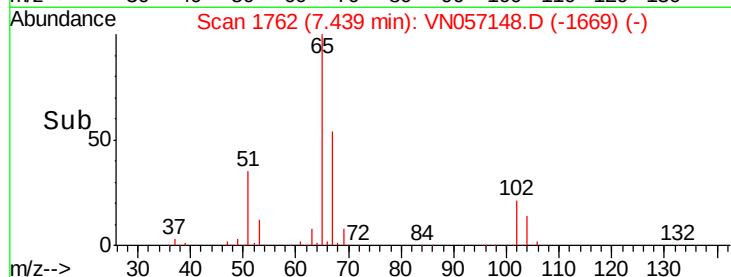
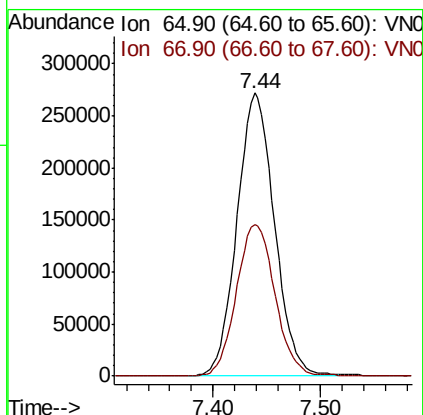
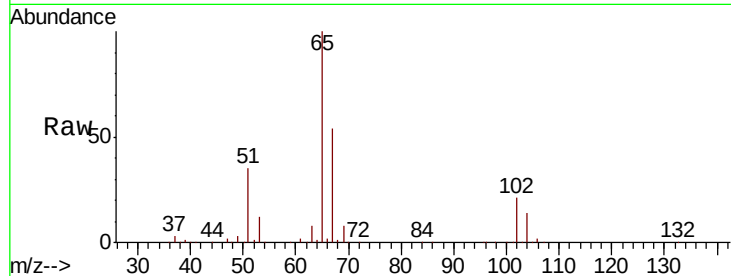




#33
 1,2-Dichloroethane-d4
 Concen: 44.954 ug/l
 RT: 7.44 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: VN057148.D
 Acq: 9 Aug 2019 15:50

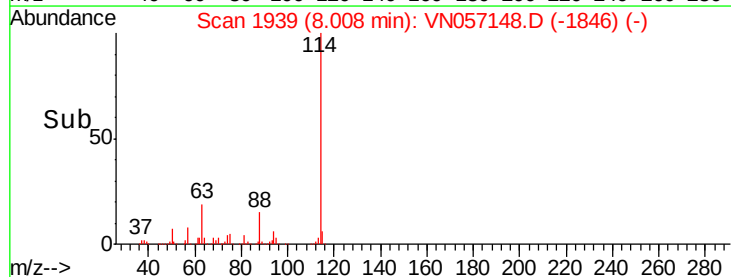
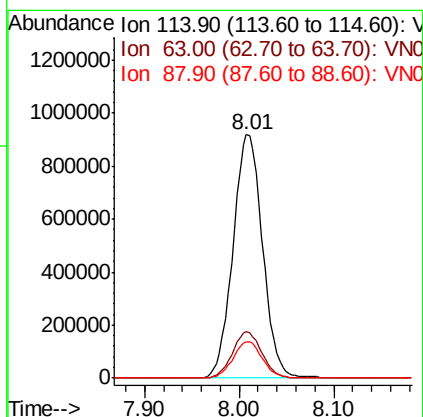
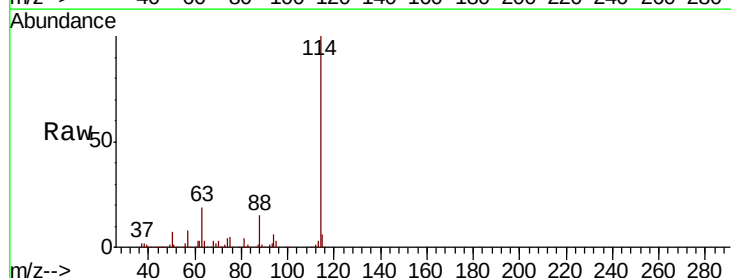
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-9R 080719

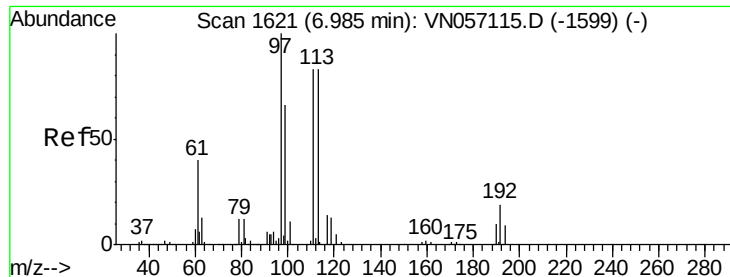
Tgt Ion: 65 Resp: 656966
 Ion Ratio Lower Upper
 65 100
 67 55.6 0.0 108.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.01 min Scan# 1939
 Delta R.T. -0.00 min
 Lab File: VN057148.D
 Acq: 9 Aug 2019 15:50

Tgt Ion: 114 Resp: 1991338
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 36.2
 88 15.1 0.0 30.0

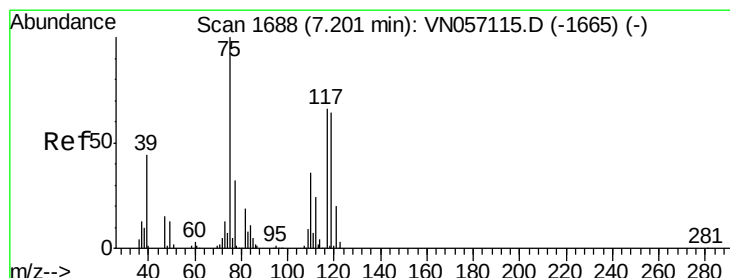
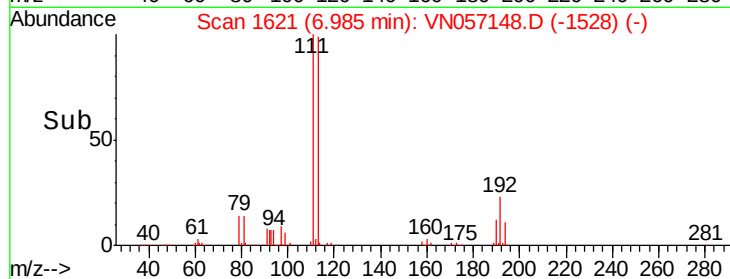
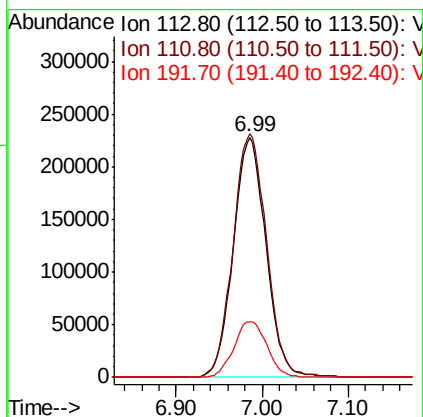
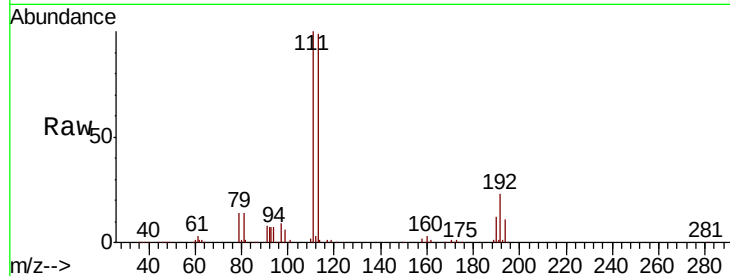




#35
 Dibromofluoromethane
 Concen: 48.181 ug/l
 RT: 6.99 min Scan# 1621
 Delta R.T. -0.00 min
 Lab File: VN057148.D
 Acq: 9 Aug 2019 15:50

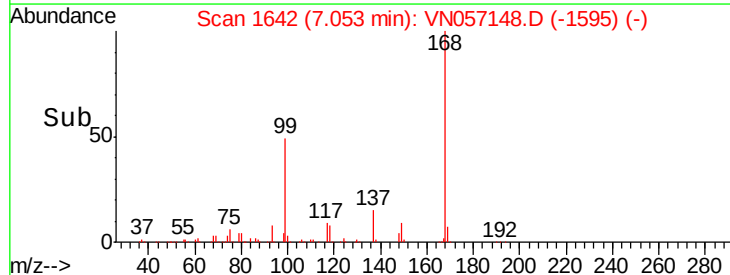
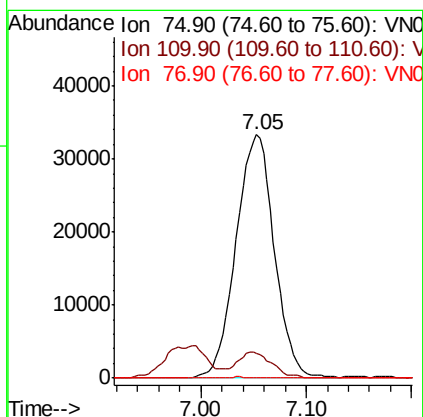
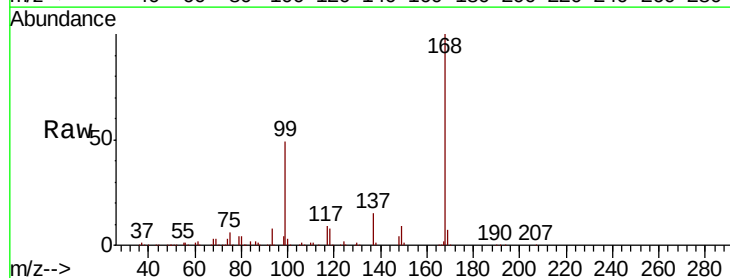
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-9R_080719

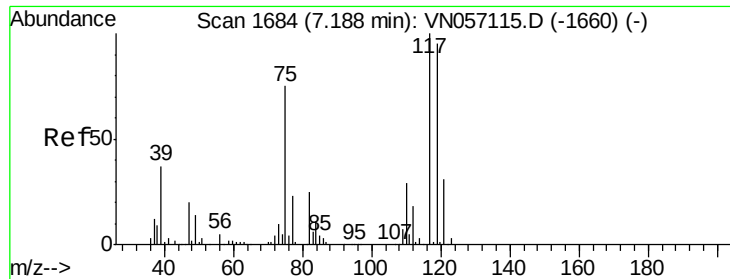
Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.0	81.3	121.9
192	23.6	19.0	28.4



#36
 1,1-Dichloropropene
 Concen: 5.120 ug/l
 RT: 7.05 min Scan# 1642
 Delta R.T. -0.15 min
 Lab File: VN057148.D
 Acq: 9 Aug 2019 15:50

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.7	18.7	56.1#
77	0.1	25.0	37.4#





#38

Carbon Tetrachloride

Concen: 6.979 ug/l

RT: 7.05 min Scan# 1641

Delta R.T. -0.14 min

Lab File: VN057148.D

Acq: 9 Aug 2019 15:50

Instrument :

MSVOA_N

ClientSampleId :

MW-9R 080719

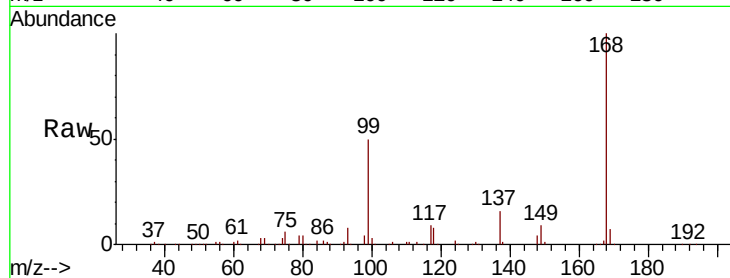
Tgt Ion:117 Resp: 119255

Ion Ratio Lower Upper

117 100

119 4.5 75.8 113.6#

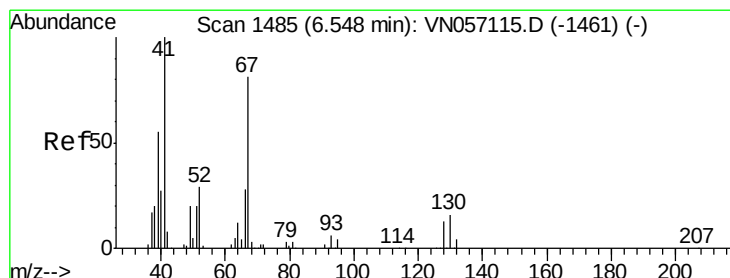
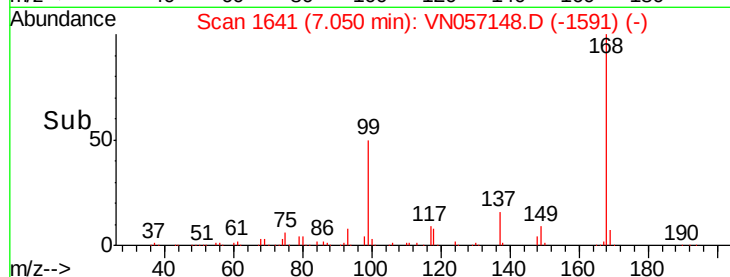
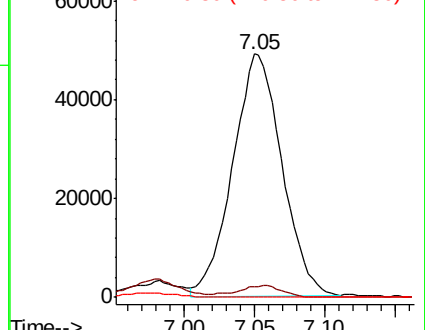
121 0.0 24.4 36.6#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#41

Methacrylonitrile

Concen: 0.270 ug/l

RT: 6.61 min Scan# 1503

Delta R.T. 0.06 min

Lab File: VN057148.D

Acq: 9 Aug 2019 15:50

Tgt Ion: 41 Resp: 1854

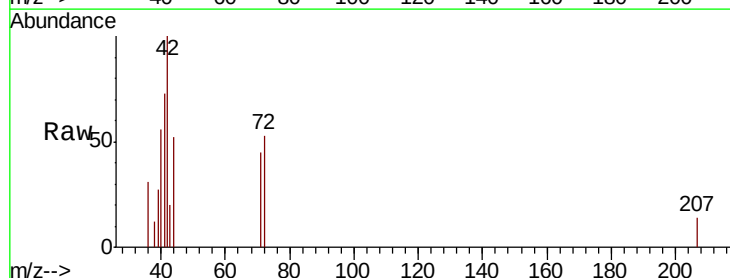
Ion Ratio Lower Upper

41 100

39 29.0 44.9 67.3#

67 0.0 69.1 103.7#

52 0.0 25.8 38.6#

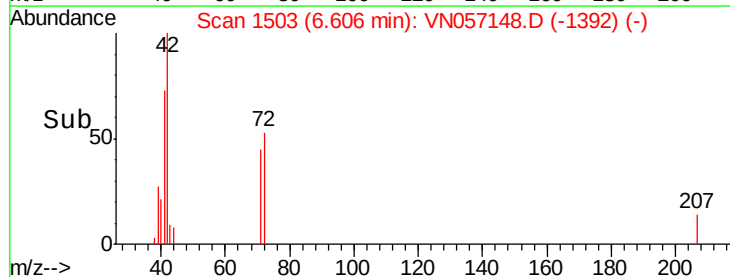
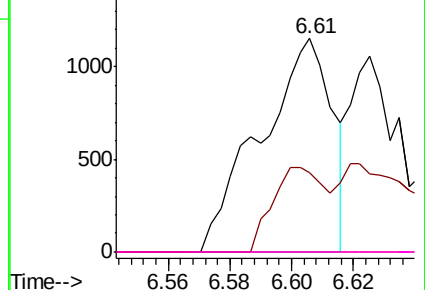


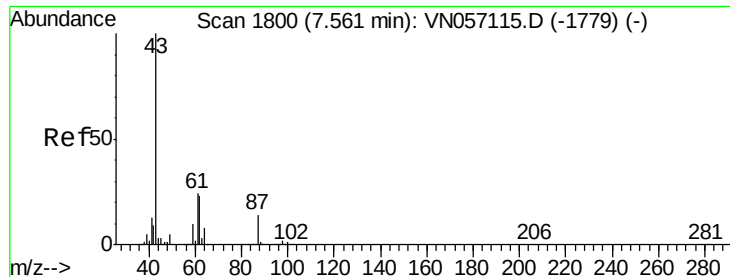
Abundance Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO

Ion 67.00 (66.70 to 67.70): VNO

Ion 52.00 (51.70 to 52.70): VNO





#43

Isopropyl Acetate

Concen: 0.808 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. 0.08 min

Lab File: VN057148.D

Acq: 9 Aug 2019 15:50

Instrument :

MSVOA_N

ClientSampleId :

MW-9R 080719

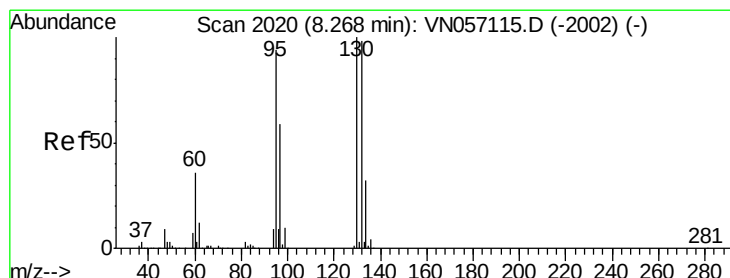
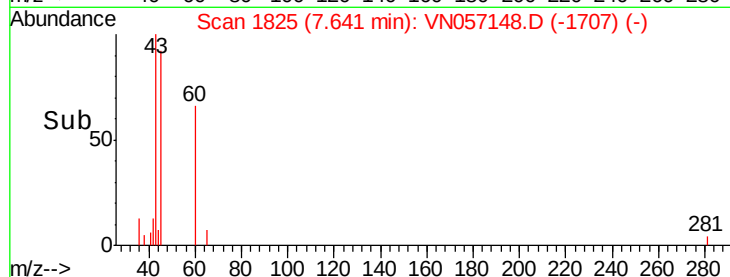
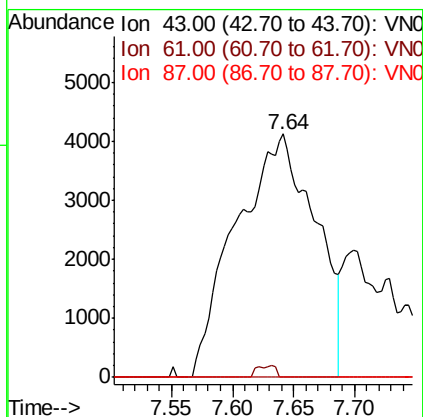
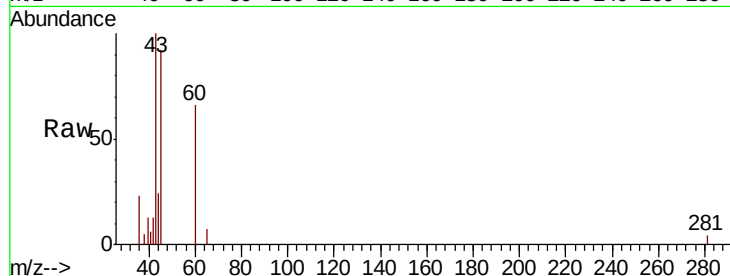
Tgt Ion: 43 Resp: 18638

Ion Ratio Lower Upper

43 100

61 0.0 24.2 36.2#

87 0.0 11.8 17.8#



#44

Trichloroethene

Concen: 8.528 ug/l

RT: 8.27 min Scan# 2021

Delta R.T. 0.00 min

Lab File: VN057148.D

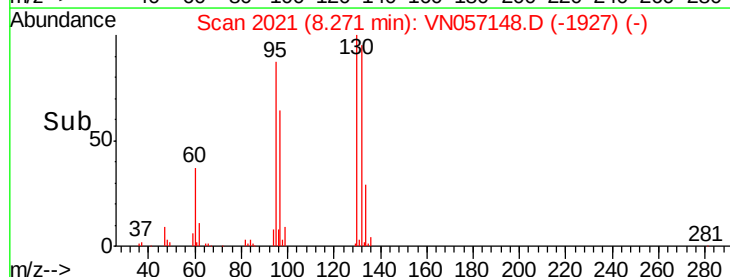
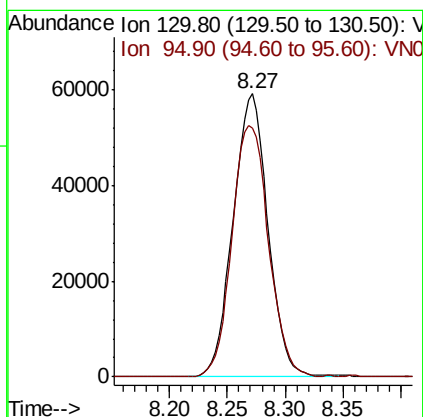
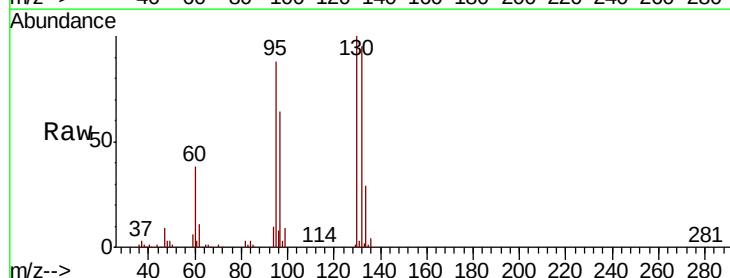
Acq: 9 Aug 2019 15:50

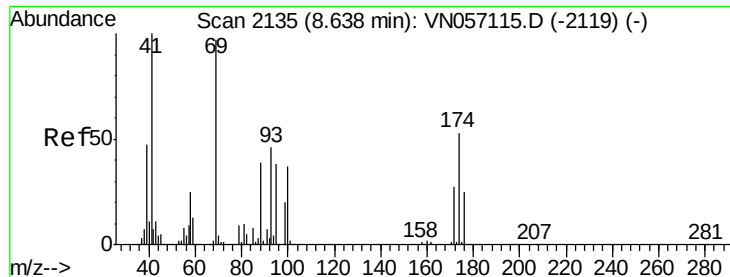
Tgt Ion: 130 Resp: 124007

Ion Ratio Lower Upper

130 100

95 88.1 0.0 187.4





#49

1,4-Dioxane

Concen: 5.914 ug/l

RT: 8.65 min Scan# 2138

Delta R.T. 0.01 min

Lab File: VN057148.D

Acq: 9 Aug 2019 15:50

Instrument :

MSVOA_N

ClientSampled :

MW-9R 080719

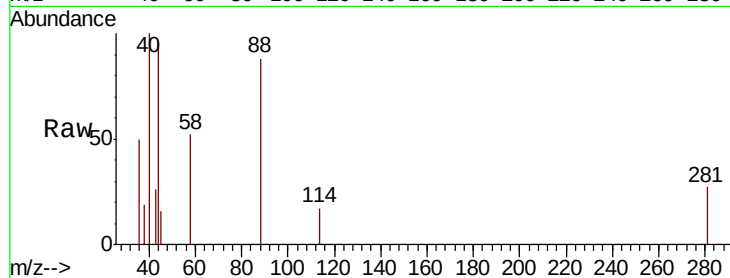
Tgt Ion: 88 Resp: 1310

Ion Ratio Lower Upper

88 100

43 21.0 21.7 32.5#

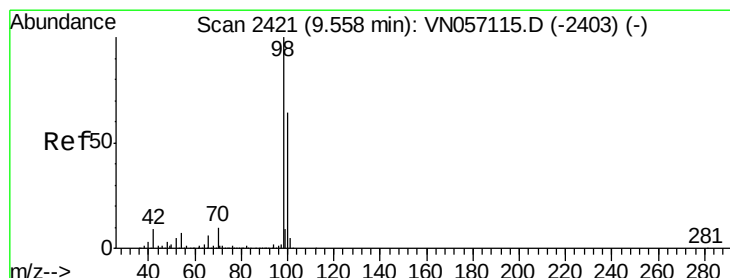
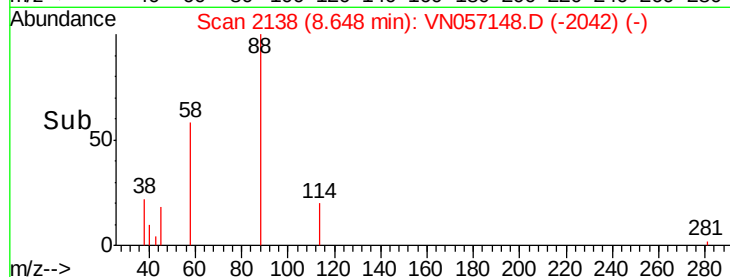
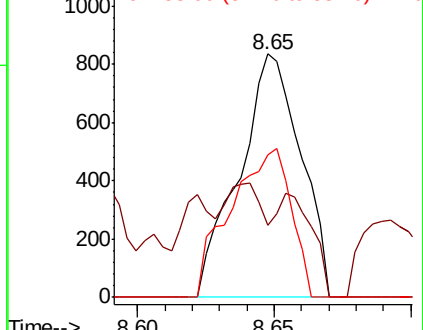
58 60.0 51.1 76.7



Abundance Ion 88.00 (87.70 to 88.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#50

Toluene-d8

Concen: 48.212 ug/l

RT: 9.56 min Scan# 2421

Delta R.T. -0.00 min

Lab File: VN057148.D

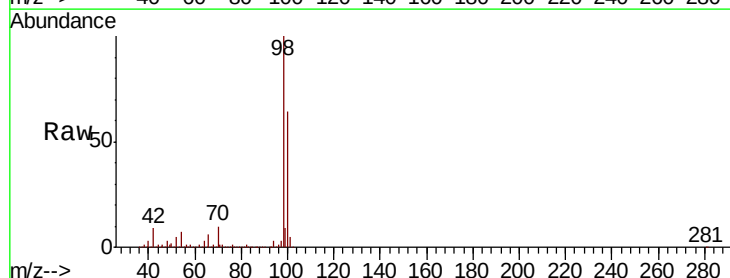
Acq: 9 Aug 2019 15:50

Tgt Ion: 98 Resp: 2304886

Ion Ratio Lower Upper

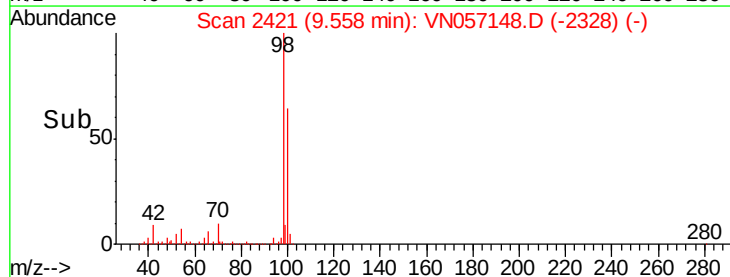
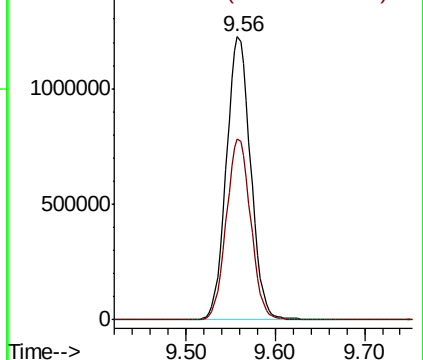
98 100

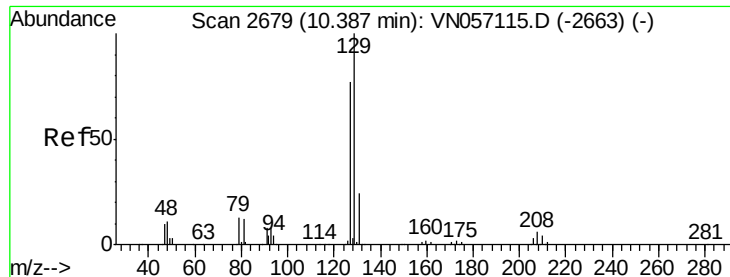
100 64.3 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#60

Dibromochloromethane

Concen: 87.200 ug/l

RT: 10.11 min Scan# 2594

Delta R.T. -0.27 min

Lab File: VN057148.D

Acq: 9 Aug 2019 15:50

Instrument :

MSVOA_N

ClientSampleId :

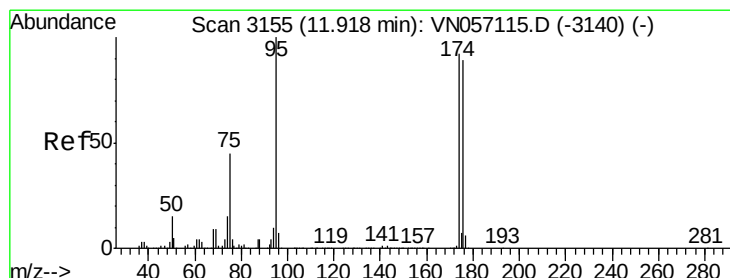
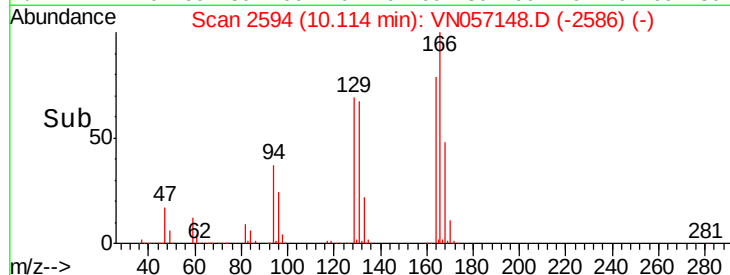
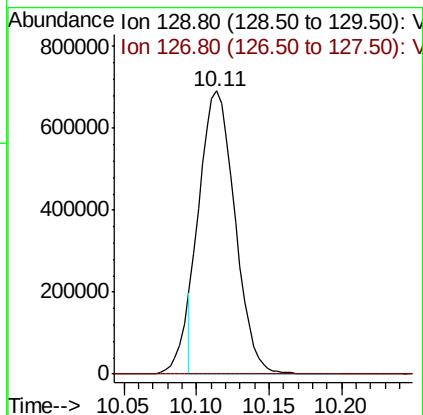
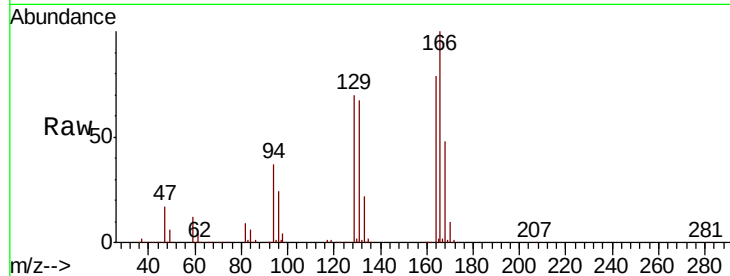
MW-9R 080719

Tgt Ion:129 Resp: 1160277

Ion Ratio Lower Upper

129 100

127 0.0 38.6 116.0#



#62

4-Bromofluorobenzene

Concen: 38.856 ug/l

RT: 11.92 min Scan# 3156

Delta R.T. 0.00 min

Lab File: VN057148.D

Acq: 9 Aug 2019 15:50

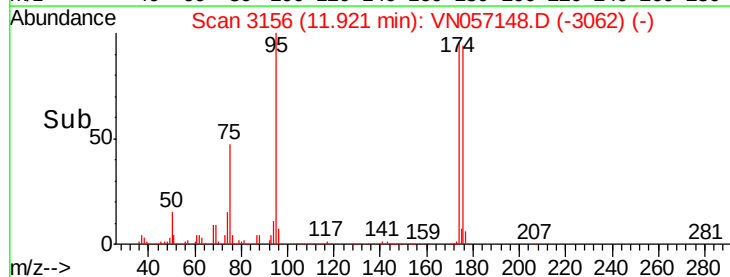
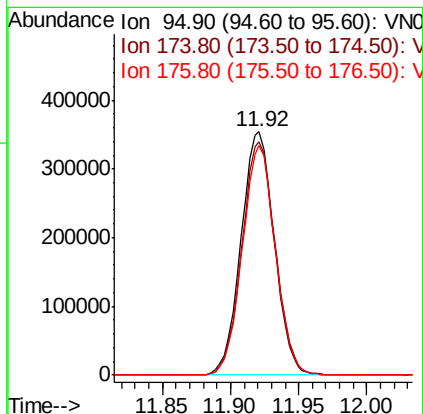
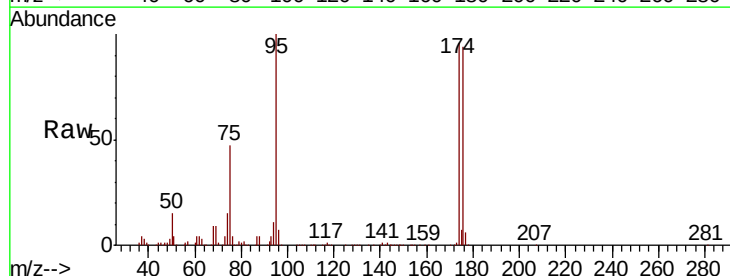
Tgt Ion: 95 Resp: 598540

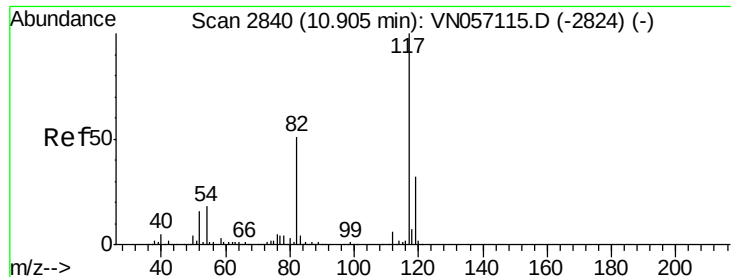
Ion Ratio Lower Upper

95 100

174 96.5 0.0 185.0

176 93.6 0.0 181.2

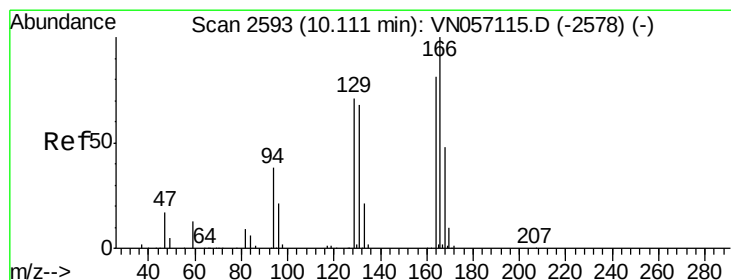
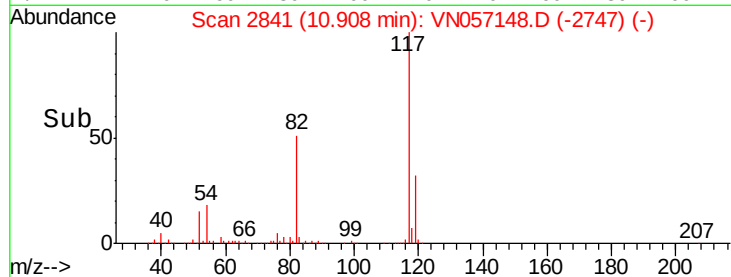
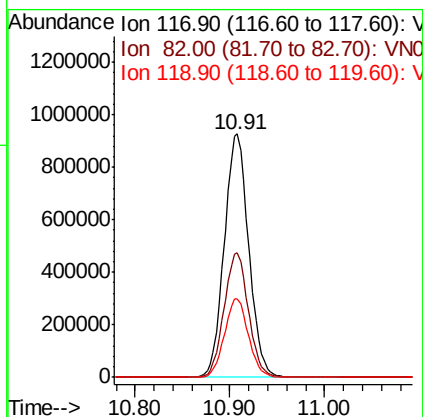
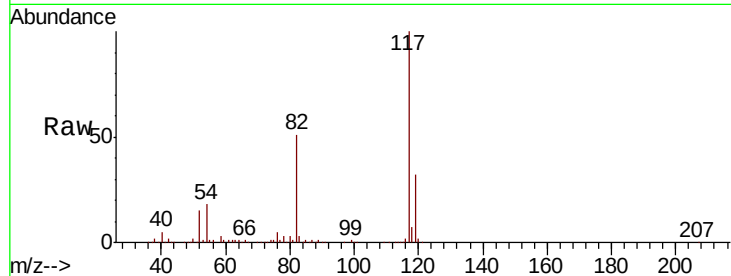




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.91 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VN057148.D
Acq: 9 Aug 2019 15:50

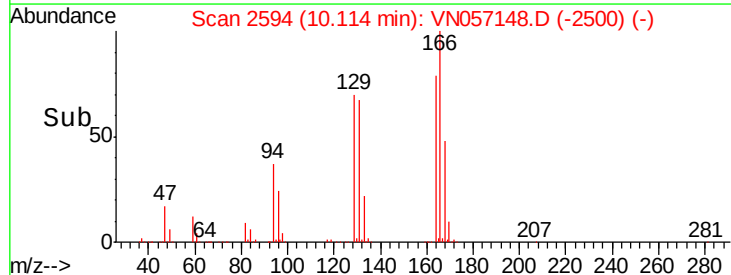
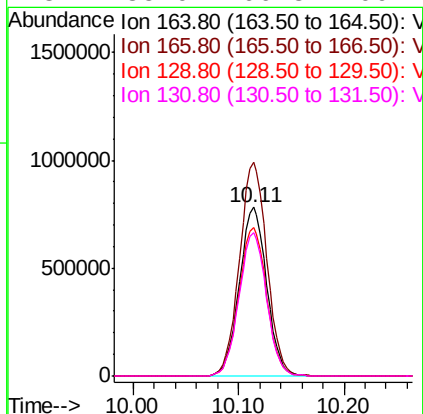
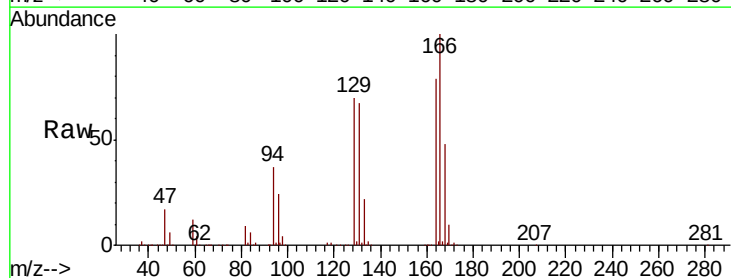
Instrument :
MSVOA_N
ClientSampleId :
MW-9R_080719

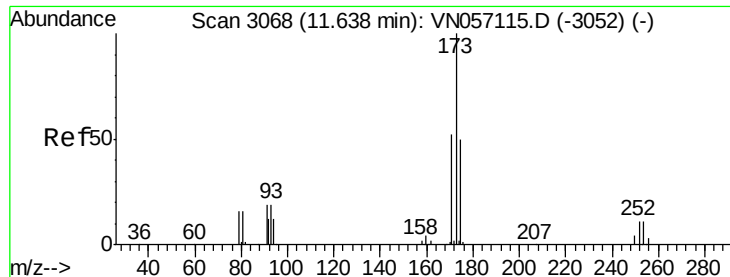
Tgt Ion:117 Resp: 1659948
Ion Ratio Lower Upper
117 100
82 50.9 40.8 61.2
119 32.3 25.7 38.5



#64
Tetrachloroethene
Concen: 101.937 ug/l
RT: 10.11 min Scan# 2594
Delta R.T. 0.00 min
Lab File: VN057148.D
Acq: 9 Aug 2019 15:50

Tgt Ion:164 Resp: 1407221
Ion Ratio Lower Upper
164 100
166 126.5 98.3 147.5
129 88.3 69.8 104.6
131 85.0 66.8 100.2





#71

Bromoform

Concen: 0.445 ug/l

RT: 11.92 min Scan# 3156

Delta R.T. 0.28 min

Lab File: VN057148.D

Acq: 9 Aug 2019 15:50

Instrument :

MSVOA_N

ClientSampleId :

MW-9R 080719

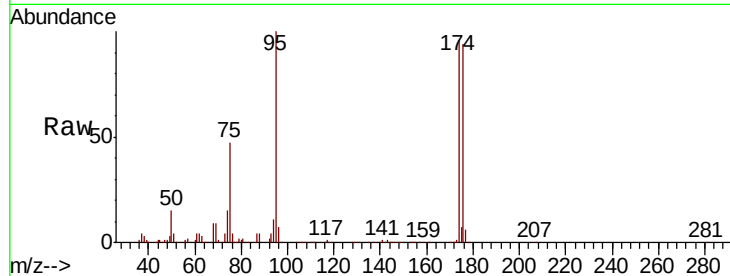
Tgt Ion:173 Resp: 4067

Ion Ratio Lower Upper

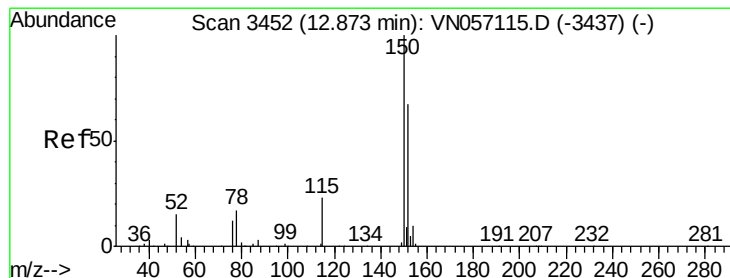
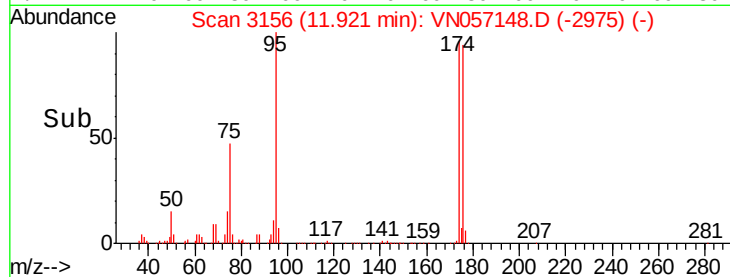
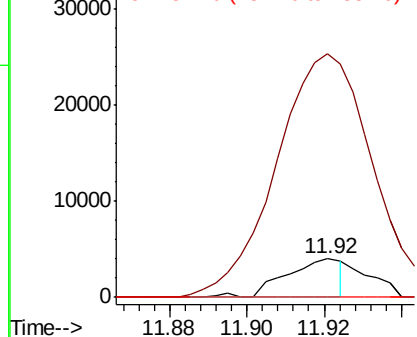
173 100

175 741.6 24.6 73.8#

254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.87 min Scan# 3452

Delta R.T. -0.00 min

Lab File: VN057148.D

Acq: 9 Aug 2019 15:50

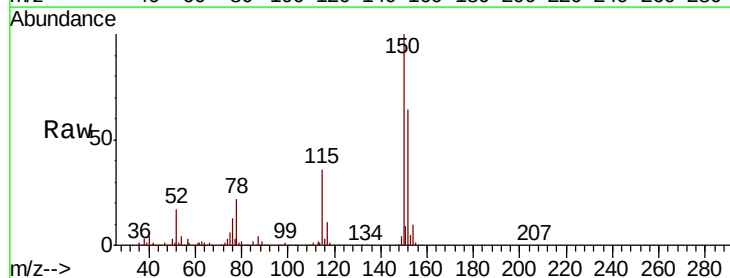
Tgt Ion:152 Resp: 405728

Ion Ratio Lower Upper

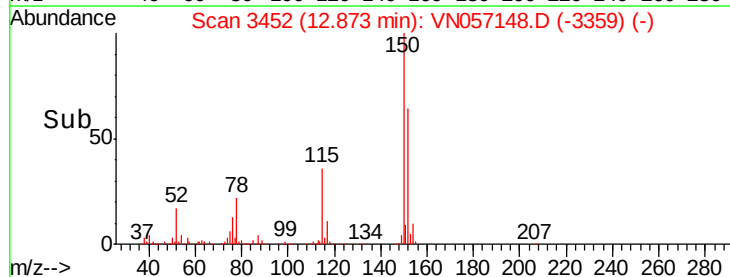
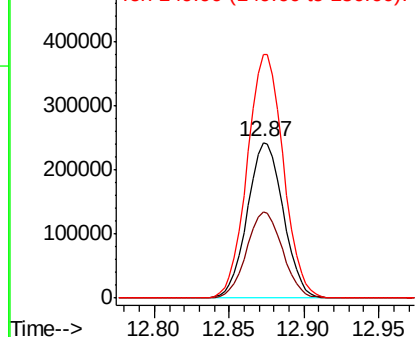
152 100

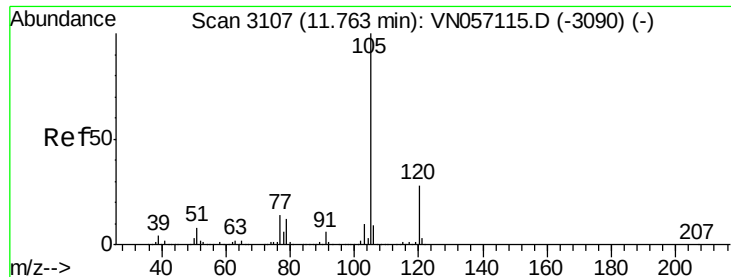
115 55.5 27.5 82.5

150 157.7 0.0 341.6



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





#73

Isopropylbenzene

Concen: Below Cal

RT: 11.77 min Scan# 3108

Delta R.T. 0.00 min

Lab File: VN057148.D

Acq: 9 Aug 2019 15:50

Instrument :

MSVOA_N

ClientSampleId :

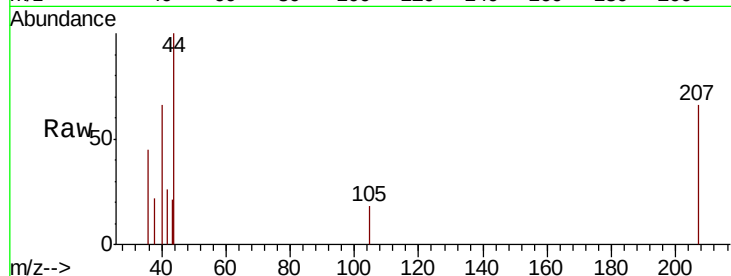
MW-9R 080719

Tgt Ion: 105 Resp: 31

Ion Ratio Lower Upper

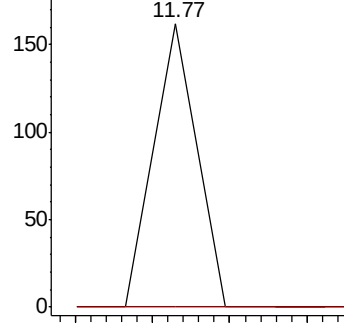
105 100

120 0.0 13.7 41.0#

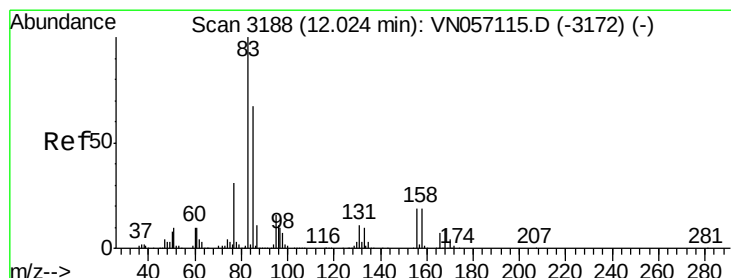
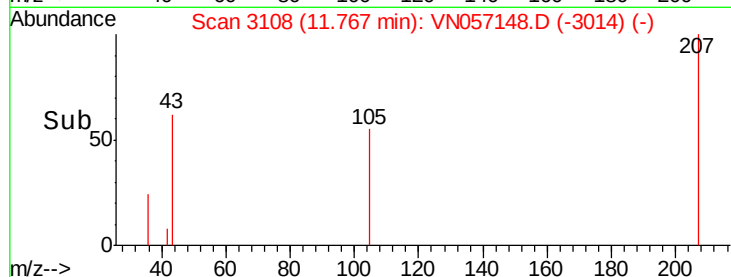


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



Time--> 11.76 11.77 11.77 11.78



#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.03 min Scan# 3189

Delta R.T. 0.00 min

Lab File: VN057148.D

Acq: 9 Aug 2019 15:50

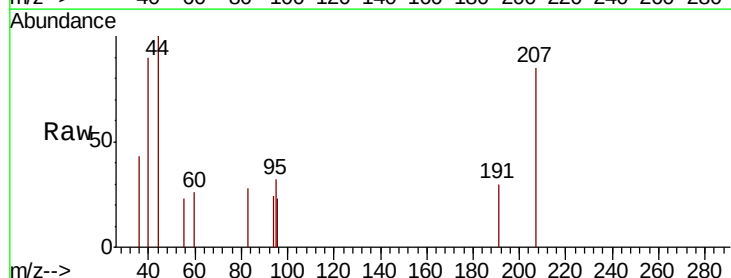
Tgt Ion: 83 Resp: 67

Ion Ratio Lower Upper

83 100

131 0.0 5.5 16.4#

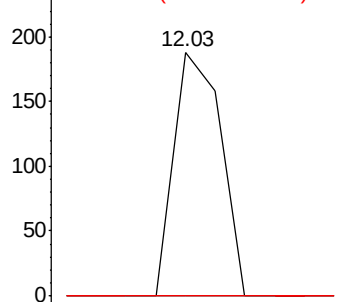
85 0.0 32.4 97.0#



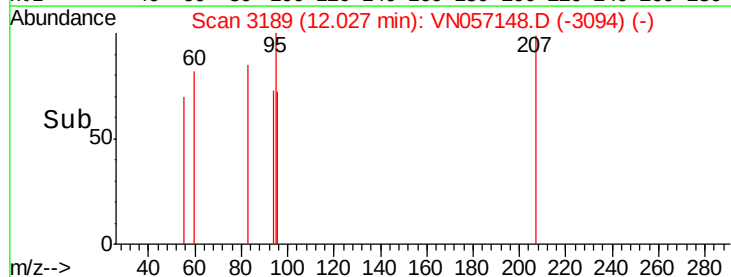
Abundance Ion 82.90 (82.60 to 83.60): V

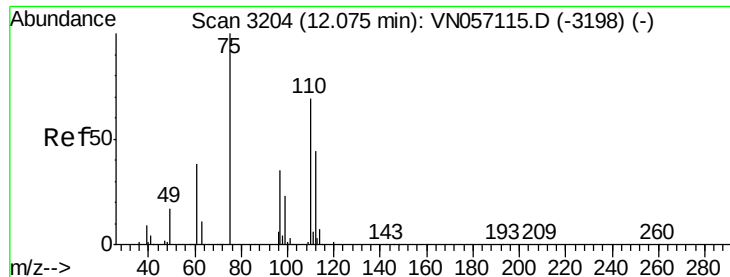
Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): V



Time--> 12.02 12.03 12.04





#76

1,2,3-Trichloropropane

Concen: 34.371 ug/l

RT: 11.92 min Scan# 3156

Delta R.T. -0.15 min

Lab File: VN057148.D

Acq: 9 Aug 2019 15:50

Instrument :

MSVOA_N

ClientSampleId :

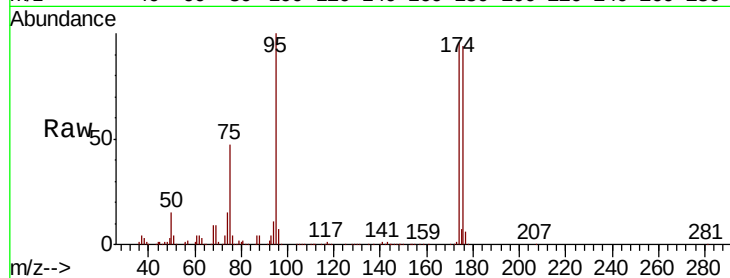
MW-9R 080719

Tgt Ion: 75 Resp: 279520

Ion Ratio Lower Upper

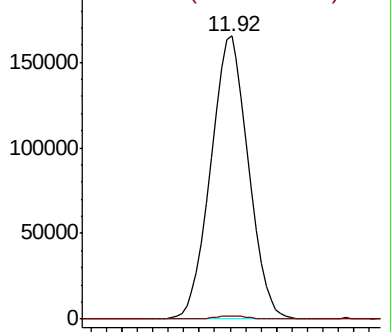
75 100

77 1.0 0.0 0.0#

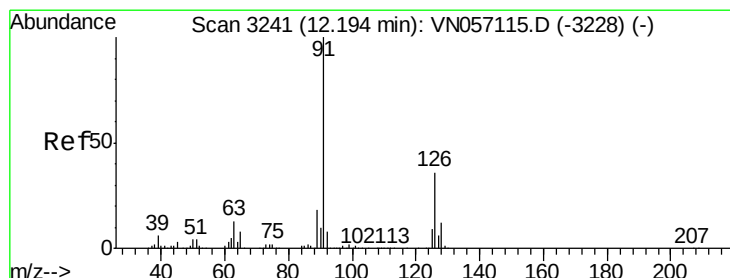
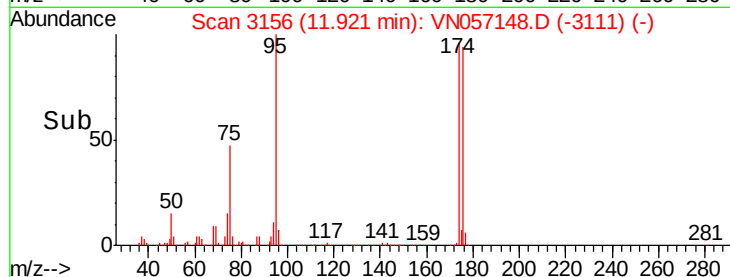


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0



Time-->



#79

2-Chlorotoluene

Concen: Below Cal

RT: 12.20 min Scan# 3243

Delta R.T. 0.01 min

Lab File: VN057148.D

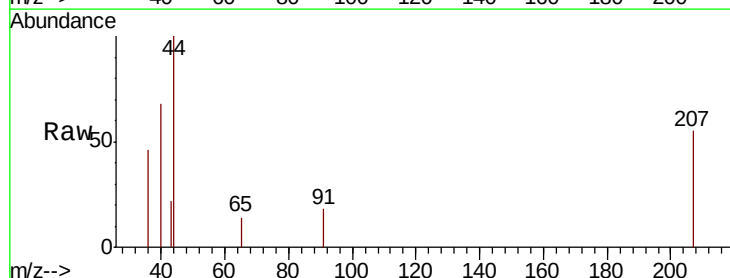
Acq: 9 Aug 2019 15:50

Tgt Ion: 91 Resp: 69

Ion Ratio Lower Upper

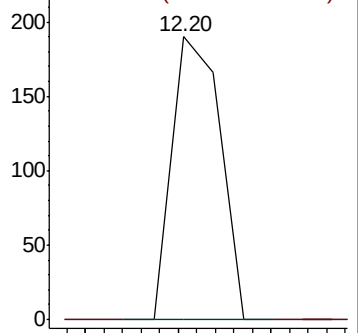
91 100

126 0.0 18.1 54.3#

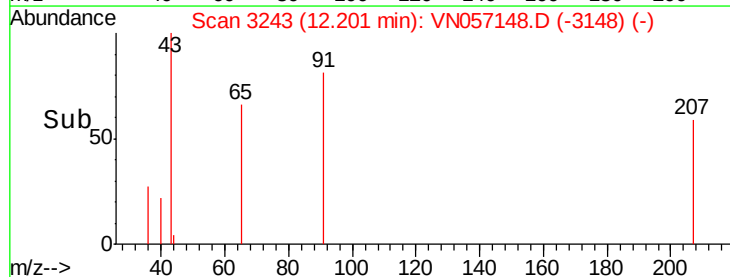


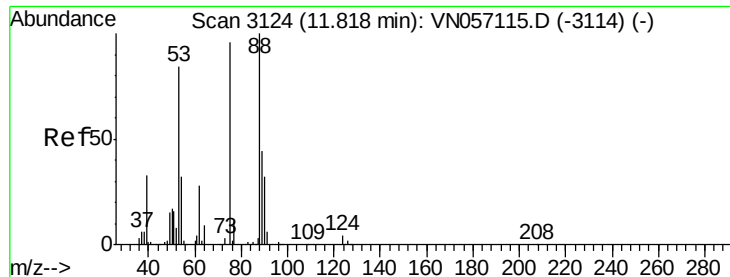
Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V



Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 101.297 ug/l

RT: 11.92 min Scan# 3156

Delta R.T. 0.10 min

Lab File: VN057148.D

Acq: 9 Aug 2019 15:50

Instrument :

MSVOA_N

ClientSampleId :

MW-9R 080719

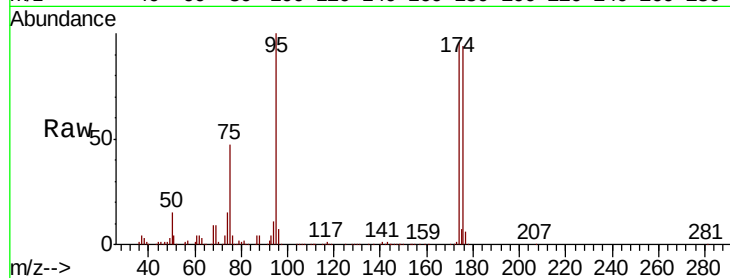
Tgt Ion: 75 Resp: 279520

Ion Ratio Lower Upper

75 100

53 0.0 70.6 106.0#

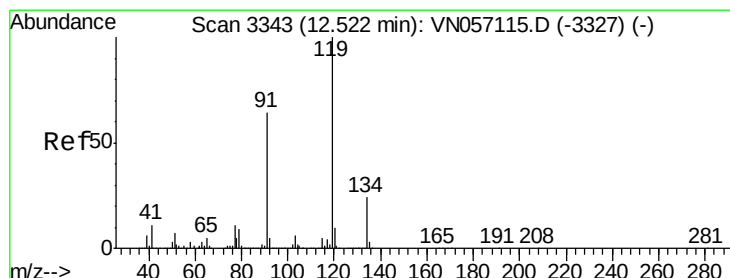
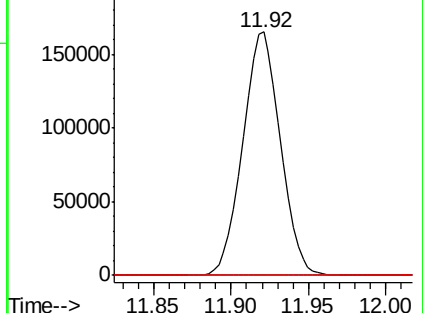
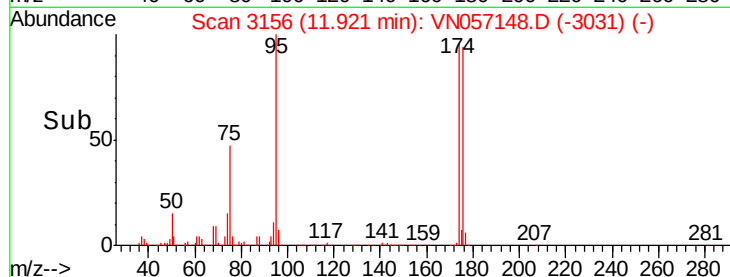
89 0.0 36.4 54.6#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#83

tert-Butylbenzene

Concen: Below Cal

RT: 12.52 min Scan# 3342

Delta R.T. -0.00 min

Lab File: VN057148.D

Acq: 9 Aug 2019 15:50

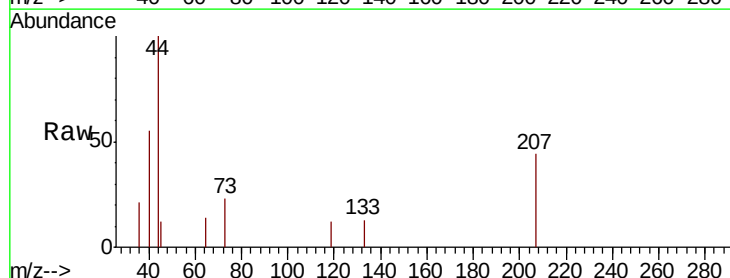
Tgt Ion: 119 Resp: 29

Ion Ratio Lower Upper

119 100

91 103.4 31.4 94.2#

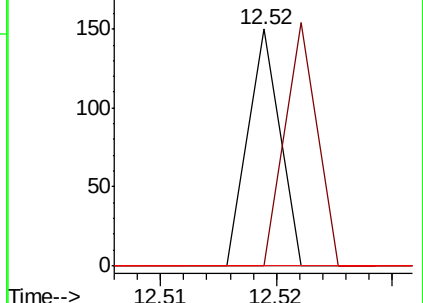
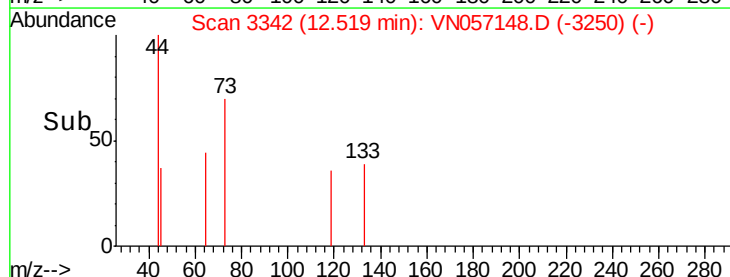
134 0.0 13.2 39.6#

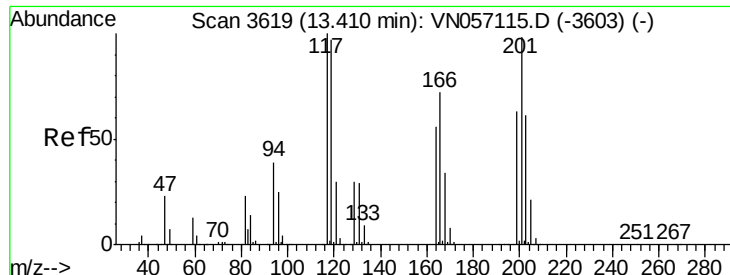


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VN0

Ion 134.00 (133.70 to 134.70): V





#90

Hexachloroethane

Concen: Below Cal

RT: 13.40 min Scan# 3617

Delta R.T. -0.01 min

Lab File: VN057148.D

Acq: 9 Aug 2019 15:50

Instrument :

MSVOA_N

ClientSampleId :

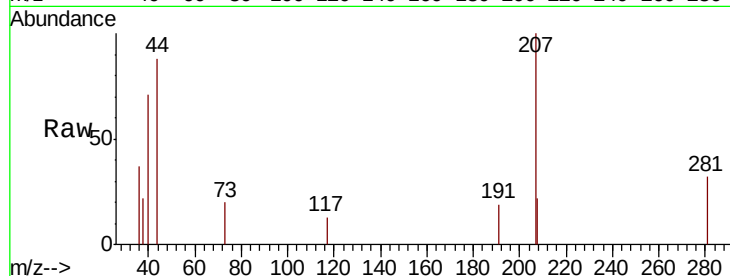
MW-9R 080719

Tgt Ion:117 Resp: 29

Ion Ratio Lower Upper

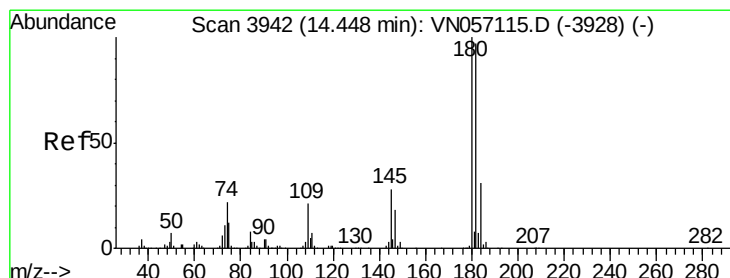
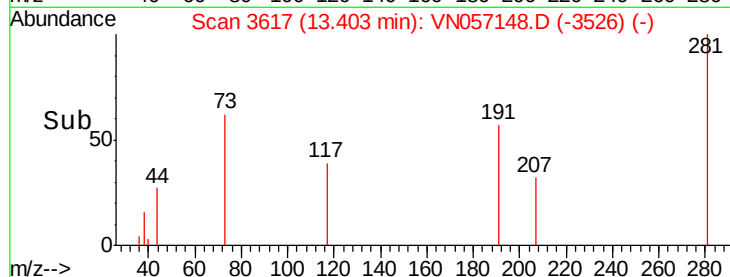
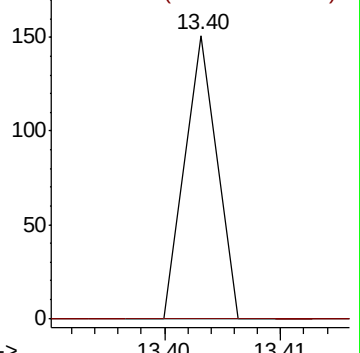
117 100

201 0.0 49.3 147.8#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#93

1,2,4-Trichlorobenzene

Concen: 5.979 ug/l

RT: 14.45 min Scan# 3944

Delta R.T. 0.01 min

Lab File: VN057148.D

Acq: 9 Aug 2019 15:50

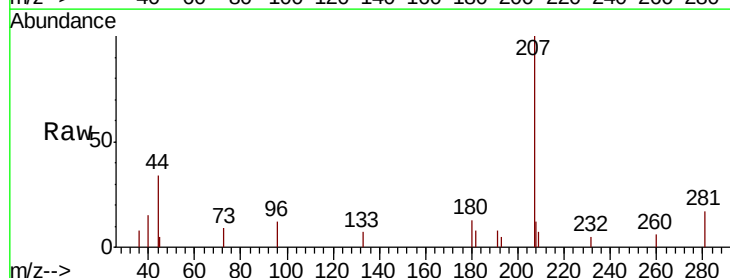
Tgt Ion:180 Resp: 329

Ion Ratio Lower Upper

180 100

182 56.5 47.5 142.6

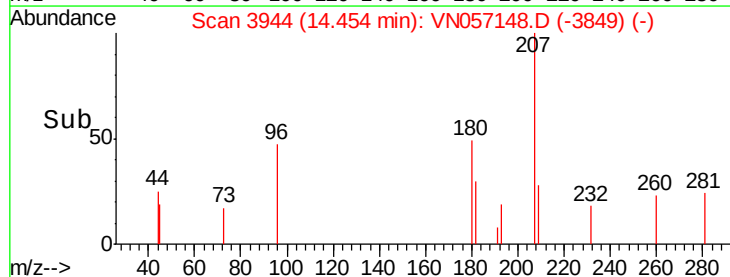
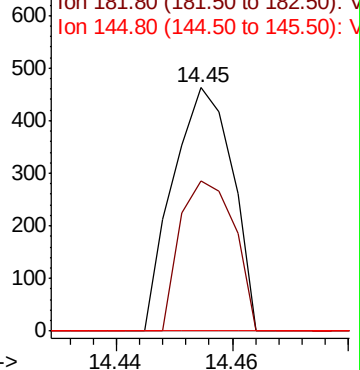
145 0.0 14.1 42.2#

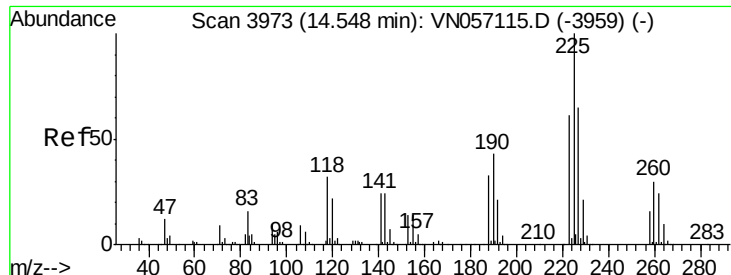


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#94

Hexachlorobutadiene

Concen: Below Cal

RT: 14.56 min Scan# 3976

Delta R.T. 0.01 min

Lab File: VN057148.D

Acq: 9 Aug 2019 15:50

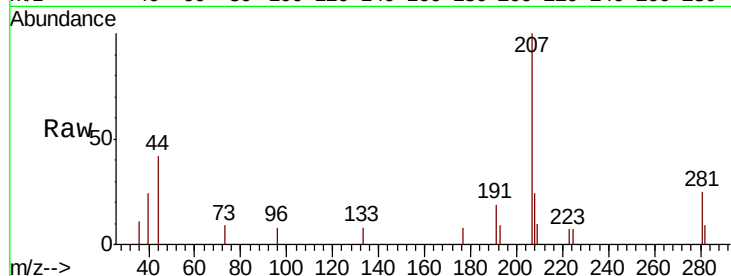
Instrument :

MSVOA_N

ClientSampleId :

MW-9R 080719

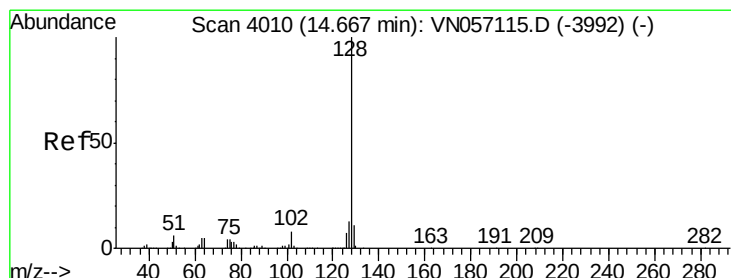
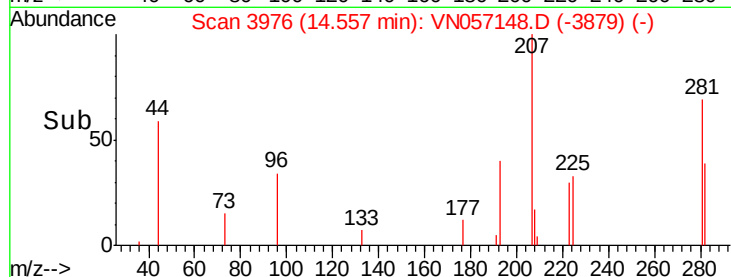
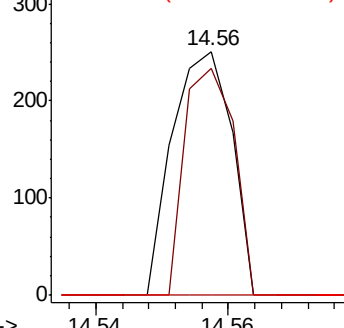
Tgt Ion:	225	Resp:	155
Ion	Ratio	Lower	Upper
225	100		
223	78.1	30.9	92.8
227	0.0	32.4	97.0#



Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 2.840 ug/l

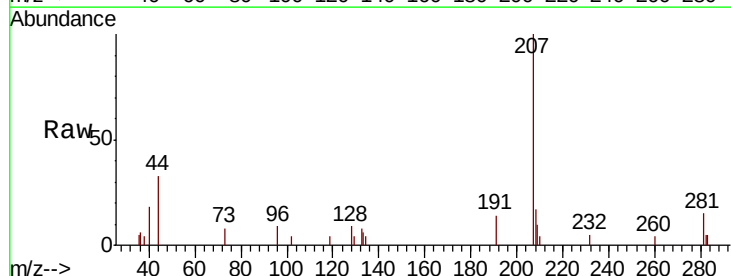
RT: 14.67 min Scan# 4011

Delta R.T. 0.00 min

Lab File: VN057148.D

Acq: 9 Aug 2019 15:50

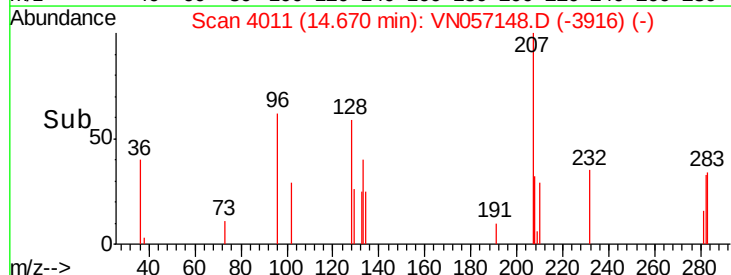
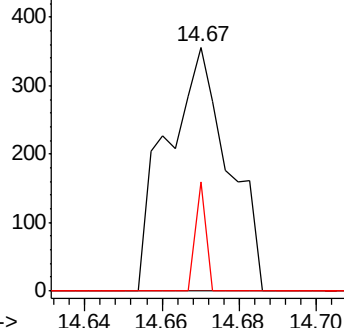
Tgt Ion:	128	Resp:	396
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.3	15.5#
129	7.8	8.8	13.2#

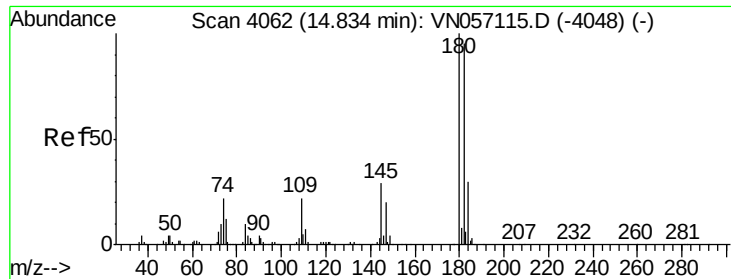


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 5.765 ug/l
 RT: 14.84 min Scan# 4064
 Delta R.T. 0.01 min
 Lab File: VN057148.D
 Acq: 9 Aug 2019 15:50

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-9R_080719

Tgt Ion	Ratio	Lower	Upper
180	100		
182	128.1	48.3	144.8
145	0.0	14.9	44.5#

