

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN081219\
 Data File : VN057213.D
 Acq On : 12 Aug 2019 14:24
 Operator : JC/SP
 Sample : K4262-02RE
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-9R 080719

Quant Time: Aug 13 01:43:38 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	1278569	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.01	114	1789773	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.91	117	1464874	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.88	152	363022	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.44	65	594342	45.20	ug/l	0.00
Spiked Amount			Recovery	=	90.40%	
35) Dibromofluoromethane	6.99	113	542067	48.26	ug/l	0.00
Spiked Amount			Recovery	=	96.52%	
50) Toluene-d8	9.56	98	2026743	47.17	ug/l	0.00
Spiked Amount			Recovery	=	94.34%	
62) 4-Bromofluorobenzene	11.92	95	530892	38.35	ug/l	0.00
Spiked Amount			Recovery	=	76.70%	

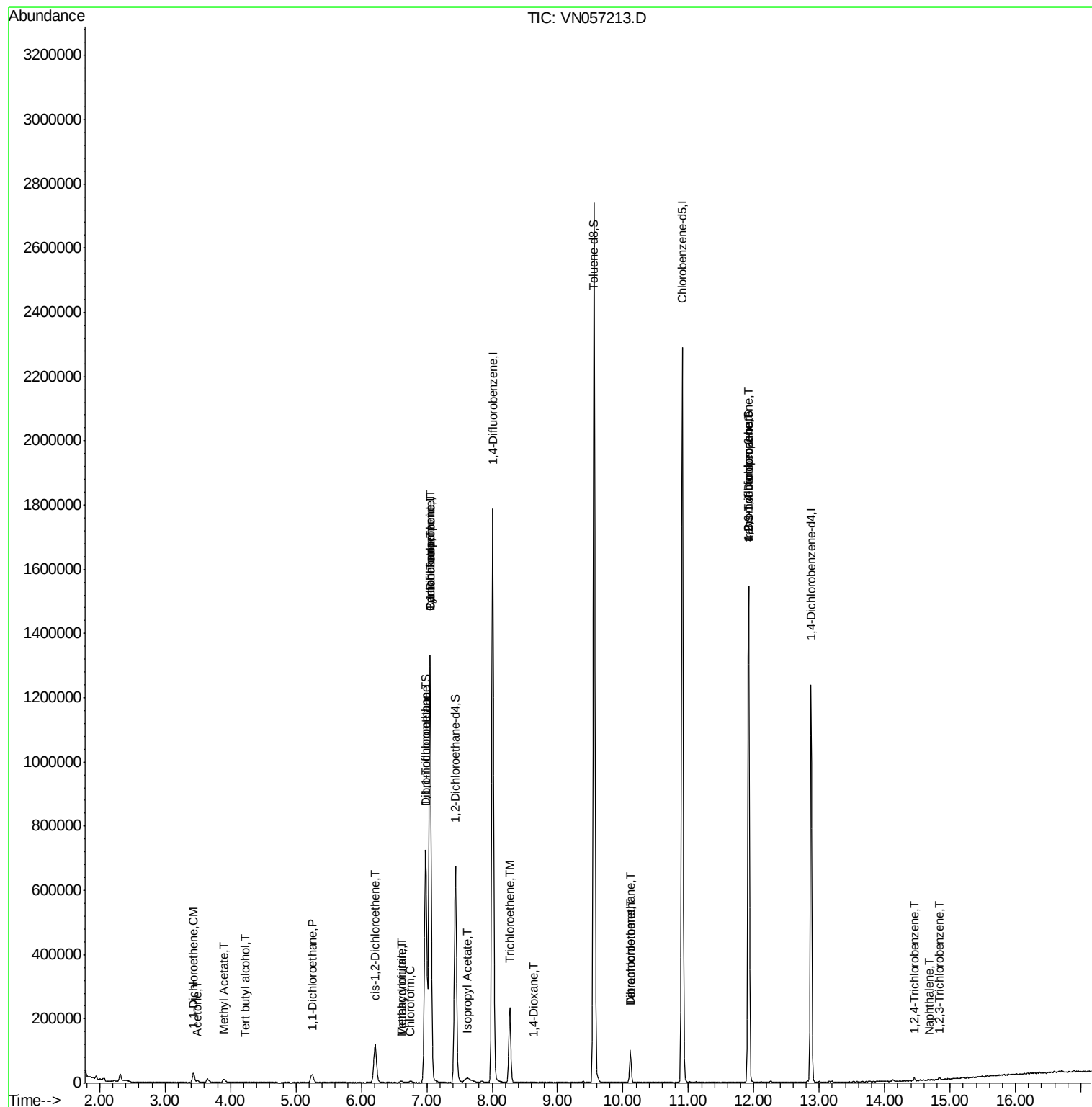
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.23	59	1393	0.744	ug/l #	85
12) 1,1-Dichloroethene	3.43	96	14658	1.347	ug/l	96
16) Acetone	3.49	43	6522	1.642	ug/l #	85
18) Methyl Acetate	3.90	43	19325	0.989	ug/l	99
24) 1,1-Dichloroethane	5.25	63	39933	1.884	ug/l	95
27) cis-1,2-Dichloroethene	6.21	96	84945	6.257	ug/l	93
29) Tetrahydrofuran	6.61	42	4387	1.073	ug/l #	91
30) Chloroform	6.75	83	5774	0.263	ug/l	92
31) Cyclohexane	7.05	56	17579	0.922	ug/l #	1
32) 1,1,1-Trichloroethane	6.98	97	57292	3.113	ug/l	95
36) 1,1-Dichloropropene	7.05	75	76720	5.206	ug/l #	48
37) Ethyl Acetate	6.28	43	108	Below Cal	#	70
38) Carbon Tetrachloride	7.05	117	108279	7.051	ug/l #	17
41) Methacrylonitrile	6.61	41	2468	0.400	ug/l #	30
43) Isopropyl Acetate	7.62	43	14926	0.720	ug/l #	51
44) Trichloroethene	8.27	130	96249	7.364	ug/l	97
49) 1,4-Dioxane	8.65	88	359	1.803	ug/l #	1
60) Dibromochloromethane	10.11	129	21706	1.815	ug/l #	11
64) Tetrachloroethene	10.11	164	26459	2.172	ug/l	94
73) Isopropylbenzene	11.77	105	493	Below Cal	#	72
75) 1,1,2,2-Tetrachloroethane	11.94	83	69	Below Cal	#	25
76) 1,2,3-Trichloropropane	11.92	75	241780	33.123	ug/l #	100
79) 2-Chlorotoluene	12.19	91	1085	Below Cal		95
81) trans-1,4-Dichloro-2-buten	11.92	75	241780	97.928	ug/l #	14
83) tert-Butylbenzene	12.51	119	306	Below Cal	#	31
93) 1,2,4-Trichlorobenzene	14.45	180	2460	6.342	ug/l	87
94) Hexachlorobutadiene	14.55	225	551	Below Cal	#	34
95) Naphthalene	14.67	128	2245	3.042	ug/l #	77
96) 1,2,3-Trichlorobenzene	14.83	180	3013	6.211	ug/l	99

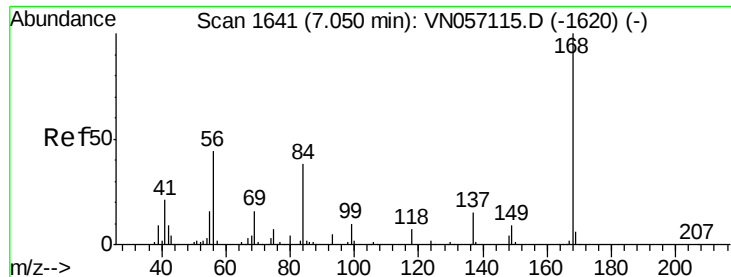
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VN057213.D

Acq: 12 Aug 2019 14:24

Instrument :

MSVOA_N

ClientSampleId :

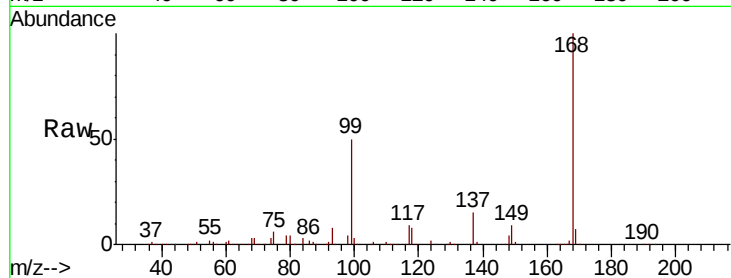
MW-9R 080719

Tgt Ion:168 Resp: 1278569

Ion Ratio Lower Upper

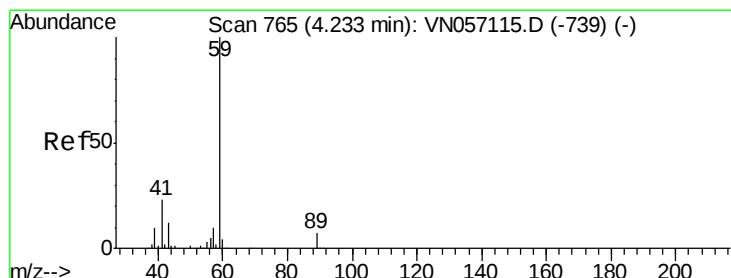
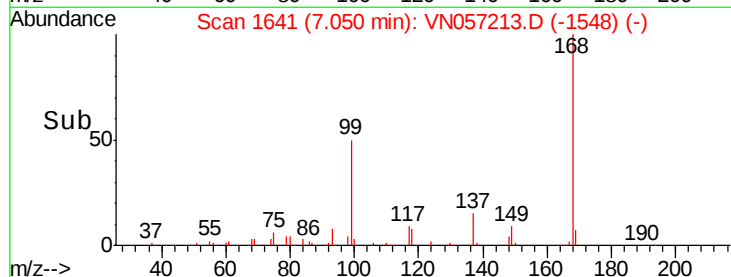
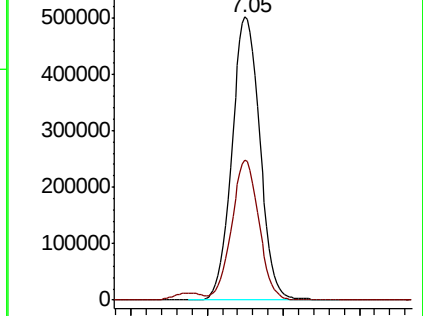
168 100

99 49.6 38.6 57.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#11

Tert butyl alcohol

Concen: 0.744 ug/l

RT: 4.23 min Scan# 764

Delta R.T. -0.00 min

Lab File: VN057213.D

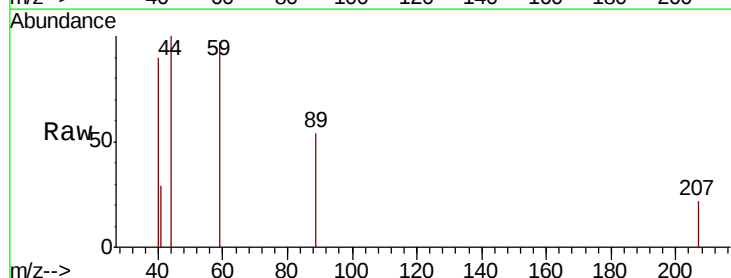
Acq: 12 Aug 2019 14:24

Tgt Ion: 59 Resp: 1393

Ion Ratio Lower Upper

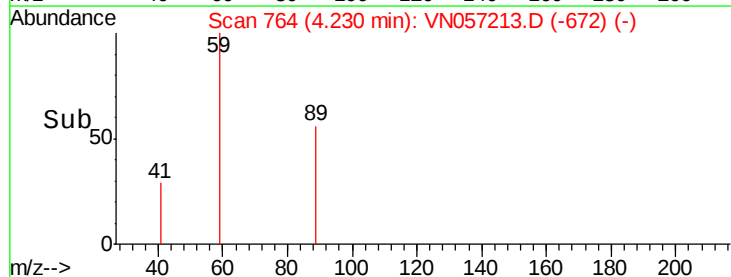
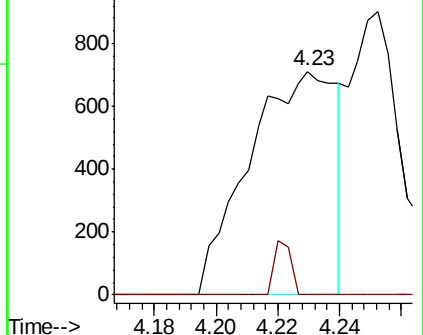
59 100

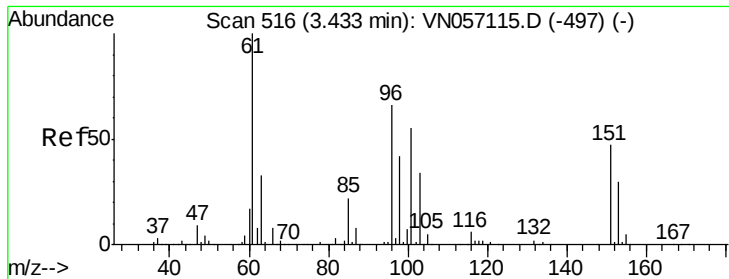
57 4.5 7.9 11.9#



Abundance Ion 59.00 (58.70 to 59.70): VNO

Ion 57.00 (56.70 to 57.70): VNO





#12

1,1-Dichloroethene

Concen: 1.347 ug/l

RT: 3.43 min Scan# 516

Delta R.T. -0.00 min

Lab File: VN057213.D

Acq: 12 Aug 2019 14:24

Instrument :

MSVOA_N

ClientSampleId :

MW-9R 080719

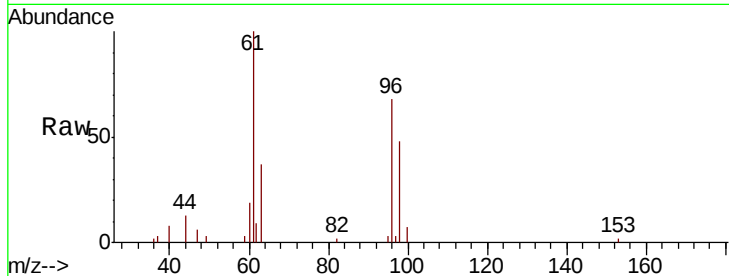
Tgt Ion: 96 Resp: 14658

Ion Ratio Lower Upper

96 100

61 148.1 121.0 181.6

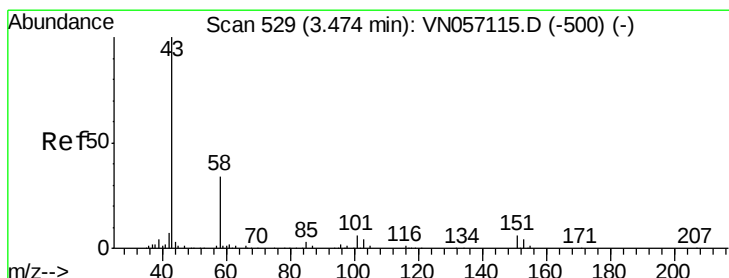
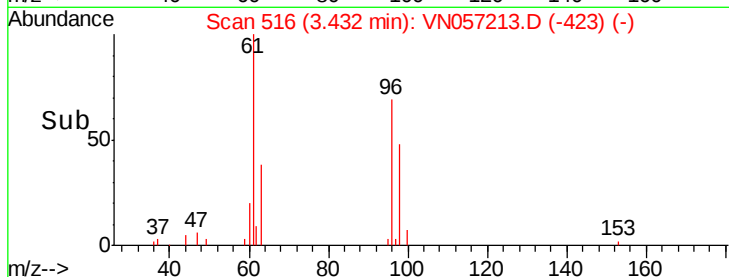
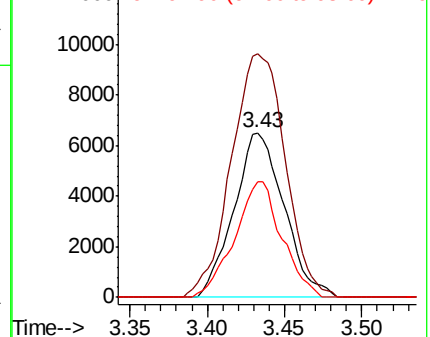
98 70.5 50.8 76.2



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: 1.642 ug/l

RT: 3.49 min Scan# 533

Delta R.T. 0.01 min

Lab File: VN057213.D

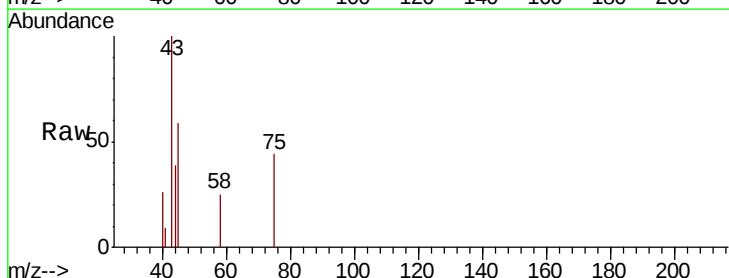
Acq: 12 Aug 2019 14:24

Tgt Ion: 43 Resp: 6522

Ion Ratio Lower Upper

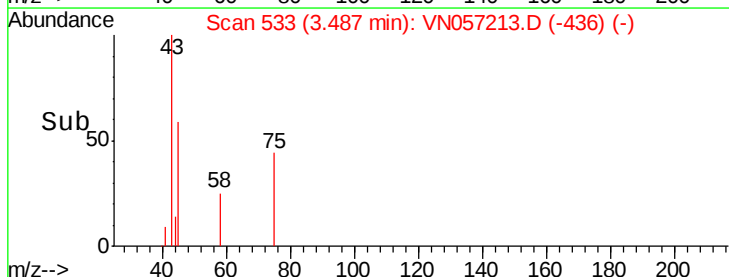
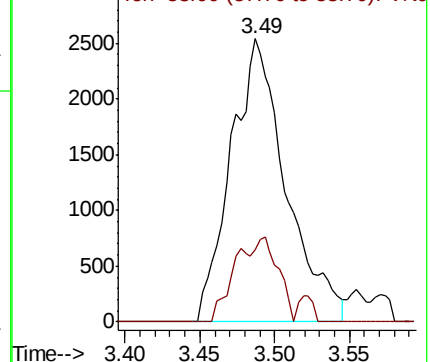
43 100

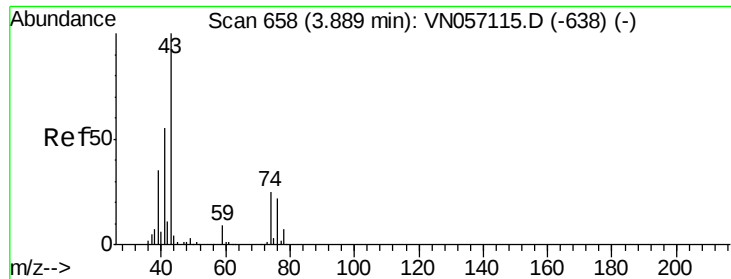
58 25.4 27.4 41.2#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

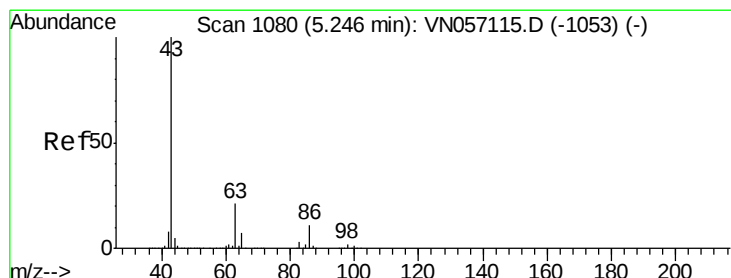
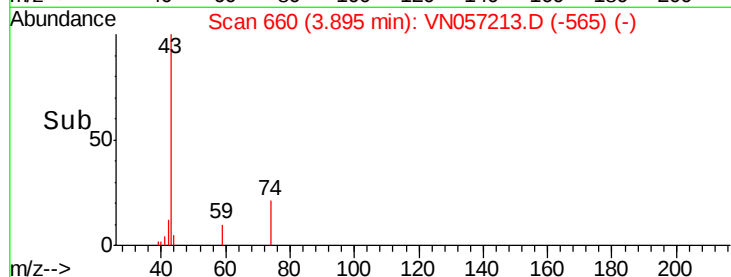
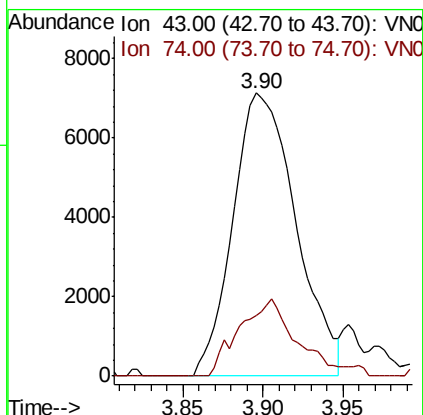
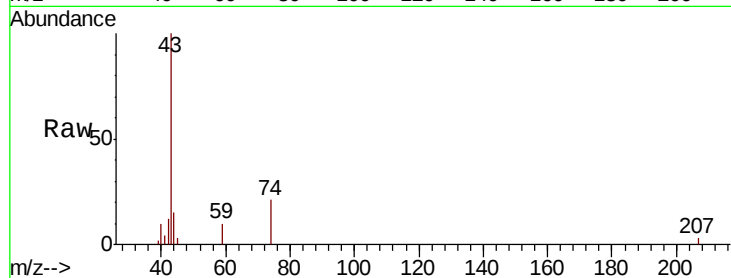




#18
Methyl Acetate
Concen: 0.989 ug/l
RT: 3.90 min Scan# 660
Delta R.T. 0.01 min
Lab File: VN057213.D
Acq: 12 Aug 2019 14:24

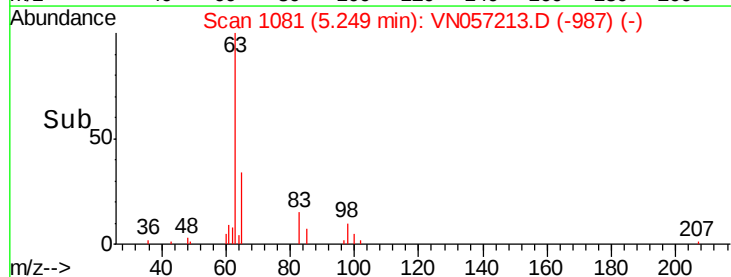
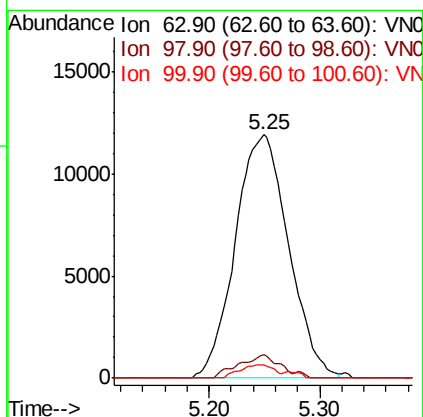
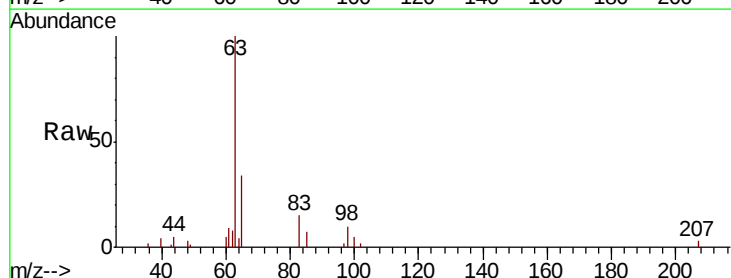
Instrument :
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MW-9R_080719

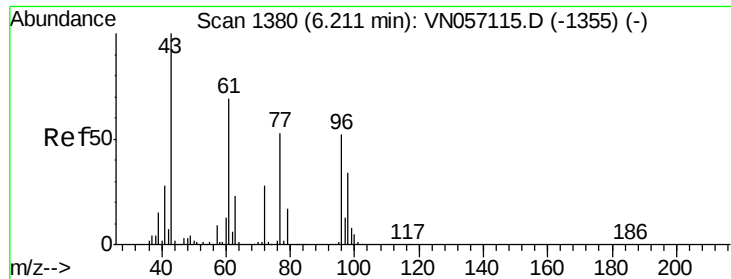
Tgt Ion: 43 Resp: 19325
Ion Ratio Lower Upper
43 100
74 24.9 20.2 30.4



#24
1,1-Dichloroethane
Concen: 1.884 ug/l
RT: 5.25 min Scan# 1081
Delta R.T. 0.00 min
Lab File: VN057213.D
Acq: 12 Aug 2019 14:24

Tgt Ion: 63 Resp: 39933
Ion Ratio Lower Upper
63 100
98 9.5 3.8 11.2
100 5.5 2.1 6.3

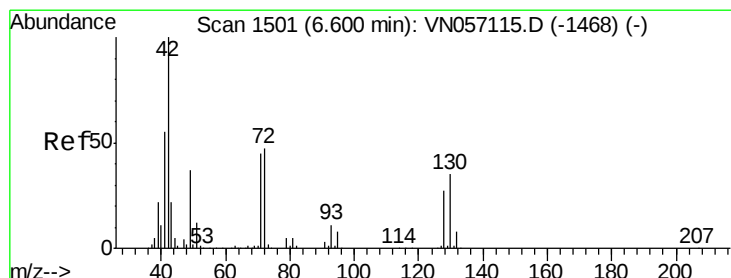
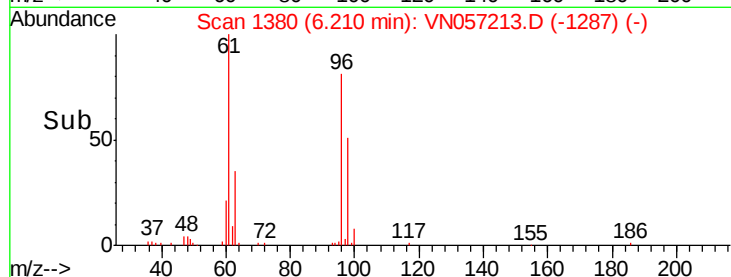
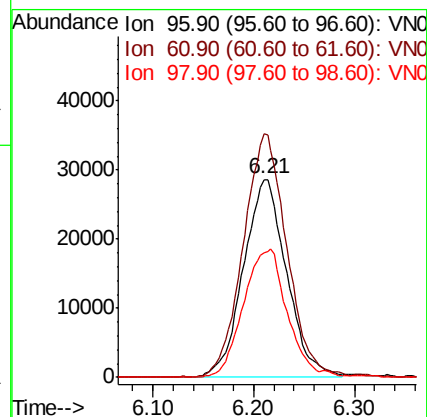
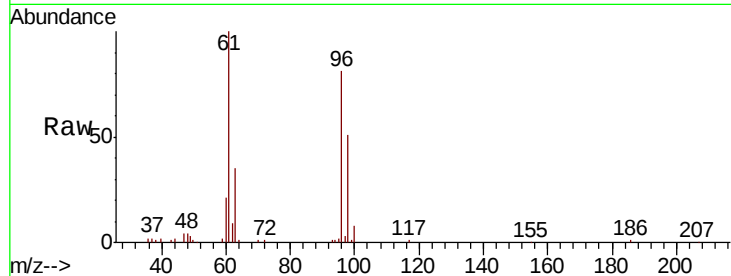




#27
 cis-1,2-Dichloroethene
 Concen: 6.257 ug/l
 RT: 6.21 min Scan# 1380
 Delta R.T. -0.00 min
 Lab File: VN057213.D
 Acq: 12 Aug 2019 14:24

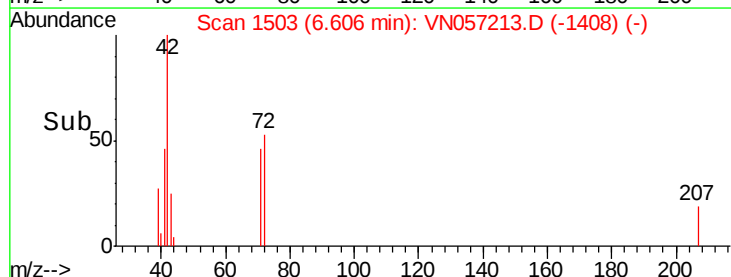
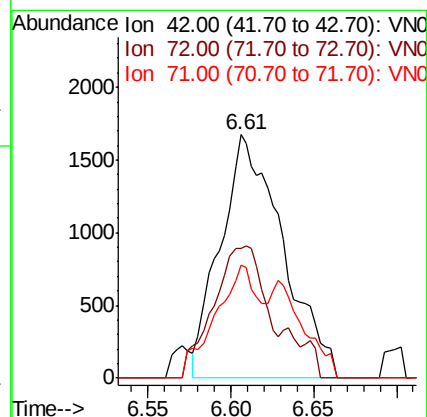
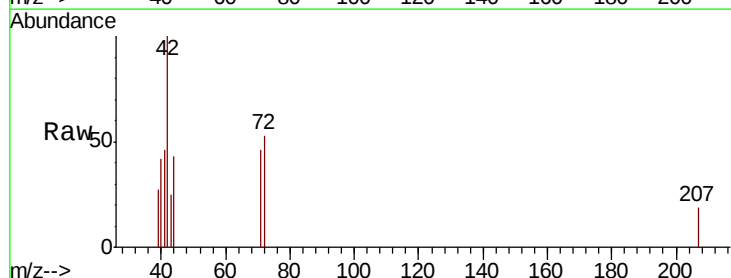
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-9R_080719

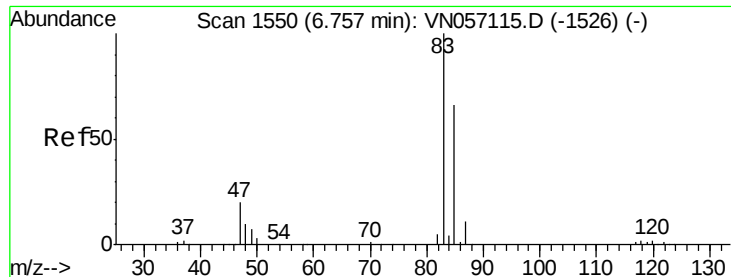
Tgt Ion: 96 Resp: 84945
 Ion Ratio Lower Upper
 96 100
 61 124.1 0.0 273.4
 98 65.9 0.0 130.4



#29
 Tetrahydrofuran
 Concen: 1.073 ug/l
 RT: 6.61 min Scan# 1503
 Delta R.T. 0.01 min
 Lab File: VN057213.D
 Acq: 12 Aug 2019 14:24

Tgt Ion: 42 Resp: 4387
 Ion Ratio Lower Upper
 42 100
 72 44.5 37.1 55.7
 71 33.5 34.8 52.2#





#30

Chloroform

Concen: 0.263 ug/l

RT: 6.75 min Scan# 1548

Delta R.T. -0.01 min

Lab File: VN057213.D

Acq: 12 Aug 2019 14:24

Instrument :

MSVOA_N

ClientSampleId :

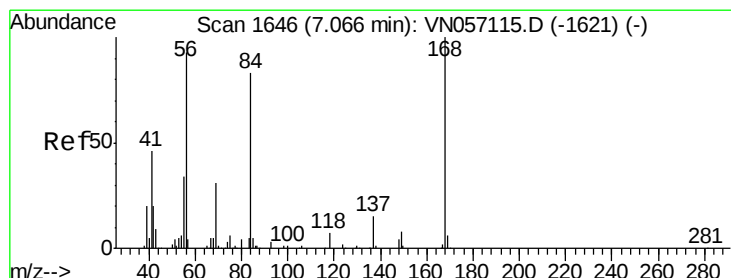
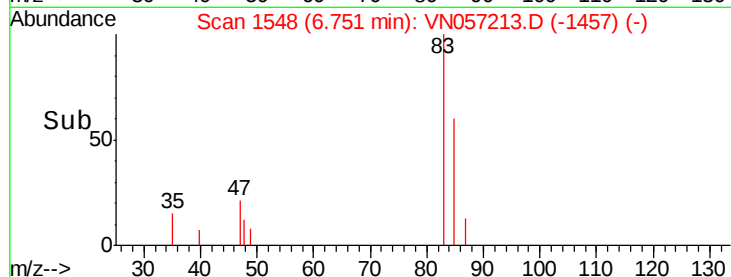
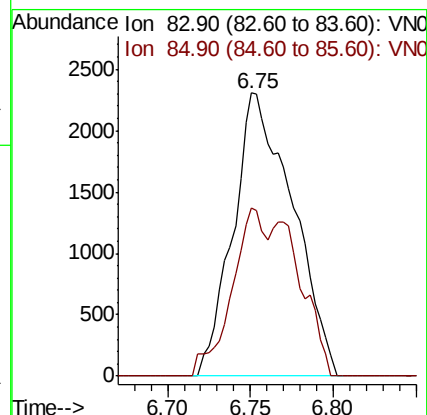
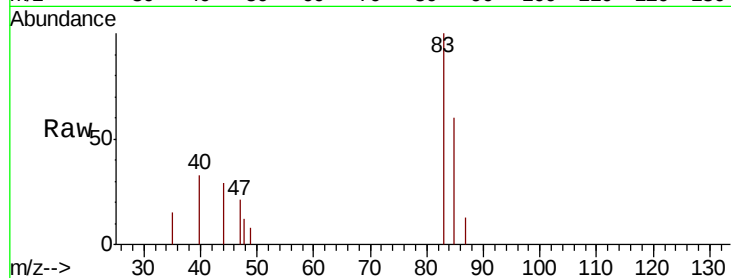
MW-9R 080719

Tgt Ion: 83 Resp: 5774

Ion Ratio Lower Upper

83 100

85 59.6 52.6 78.8



#31

Cyclohexane

Concen: 0.922 ug/l

RT: 7.05 min Scan# 1641

Delta R.T. -0.02 min

Lab File: VN057213.D

Acq: 12 Aug 2019 14:24

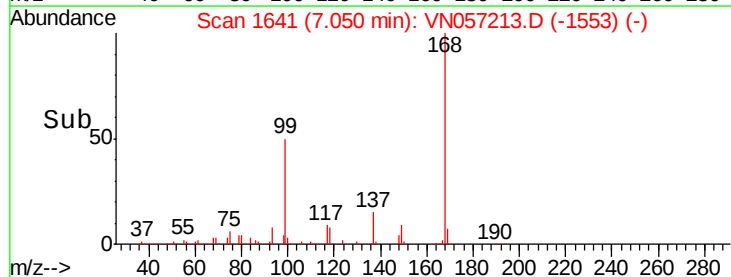
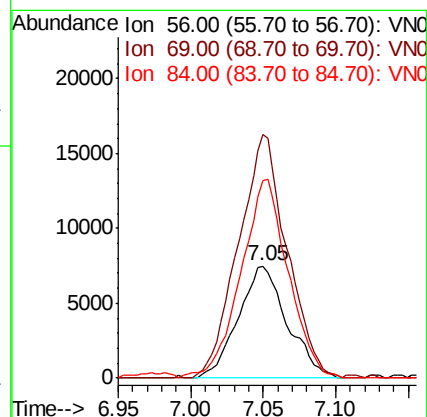
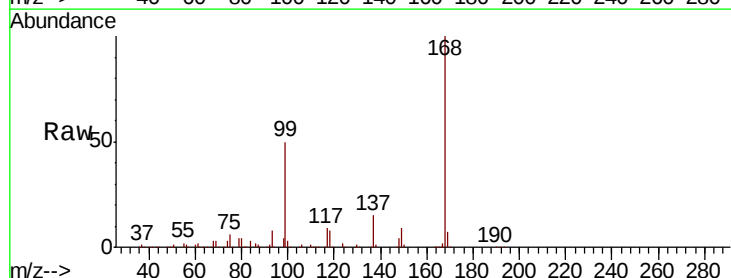
Tgt Ion: 56 Resp: 17579

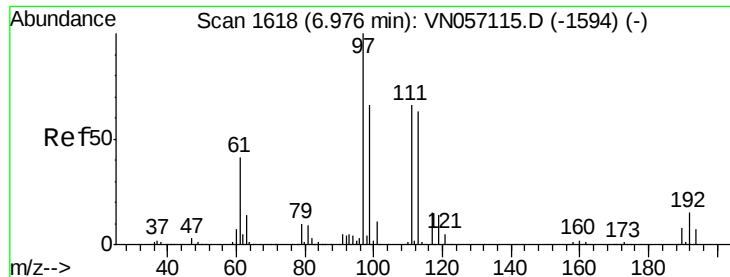
Ion Ratio Lower Upper

56 100

69 216.8 26.9 40.3#

84 176.2 71.9 107.9#

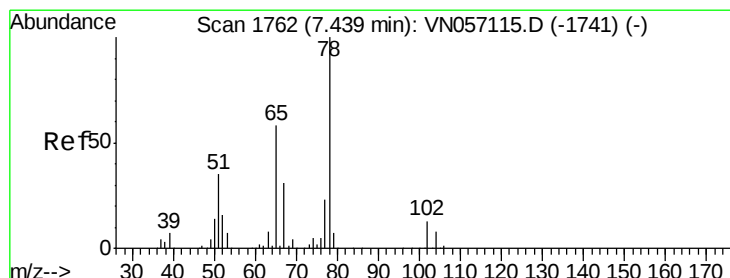
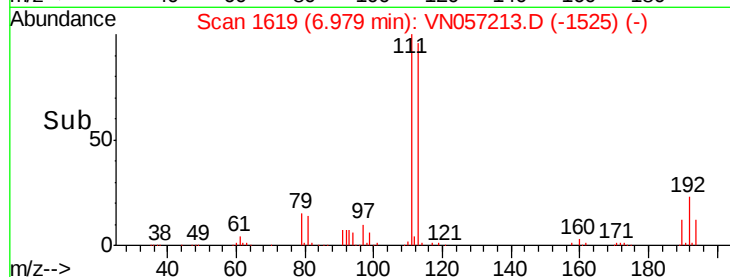
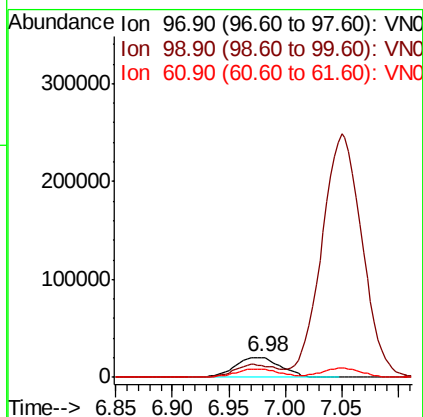
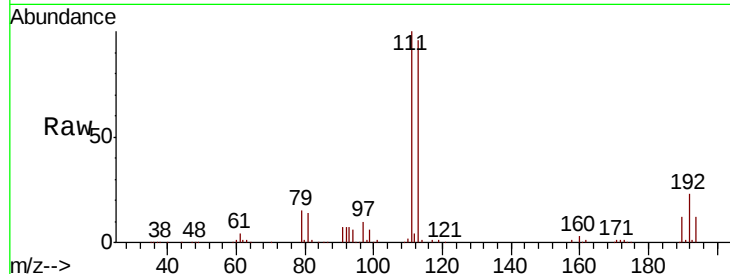




#32
 1,1,1-Trichloroethane
 Concen: 3.113 ug/l
 RT: 6.98 min Scan# 1619
 Delta R.T. 0.00 min
 Lab File: VN057213.D
 Acq: 12 Aug 2019 14:24

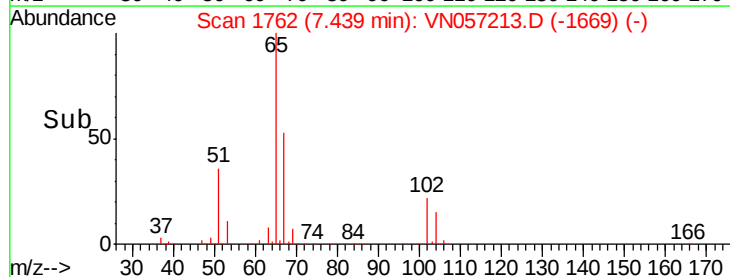
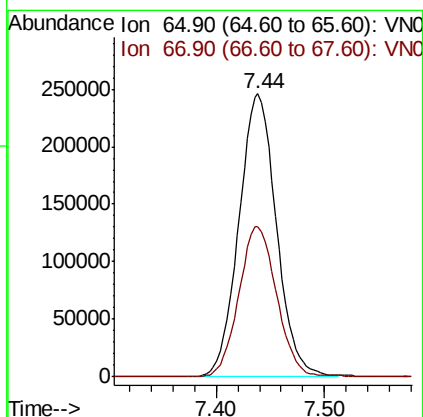
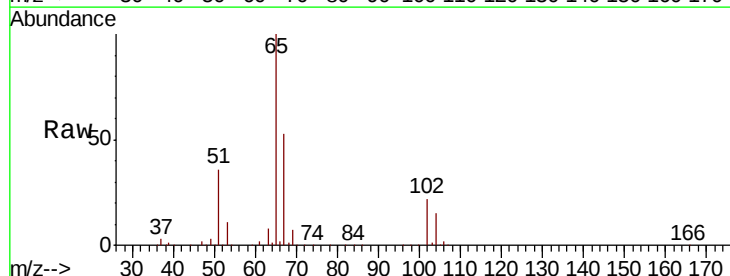
Instrument :
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 MW-9R_080719

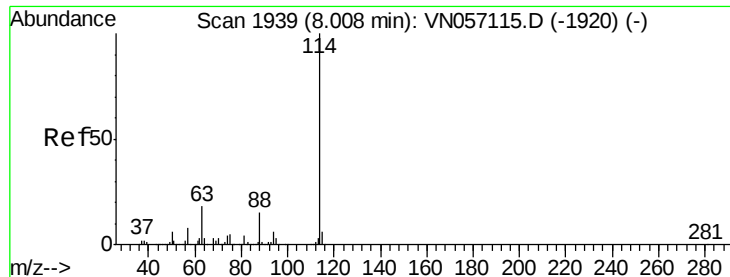
Tgt Ion: 97 Resp: 57292
 Ion Ratio Lower Upper
 97 100
 99 58.1 51.8 77.6
 61 40.4 32.7 49.1



#33
 1,2-Dichloroethane-d4
 Concen: 45.200 ug/l
 RT: 7.44 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: VN057213.D
 Acq: 12 Aug 2019 14:24

Tgt Ion: 65 Resp: 594342
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 108.2

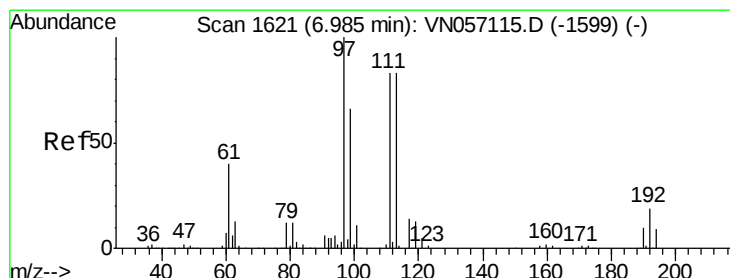
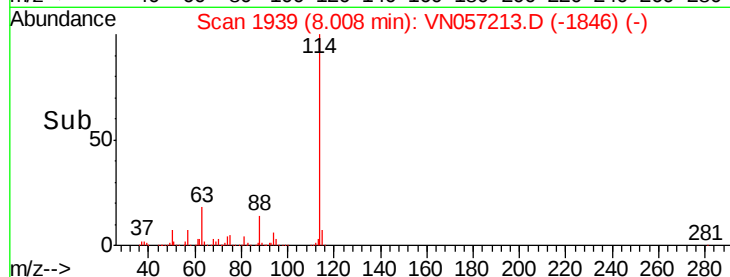
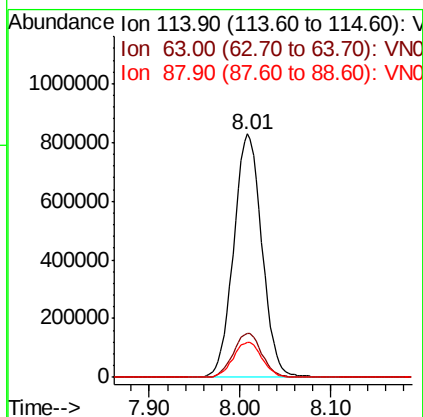
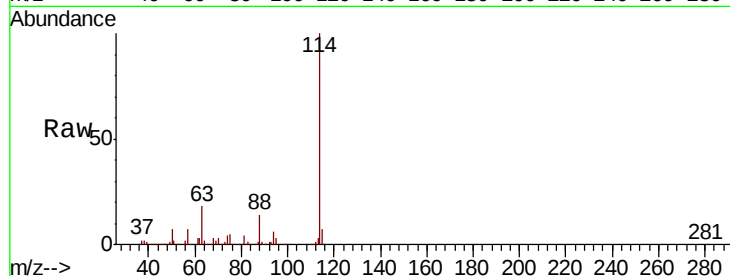




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.01 min Scan# 1939
 Delta R.T. -0.00 min
 Lab File: VN057213.D
 Acq: 12 Aug 2019 14:24

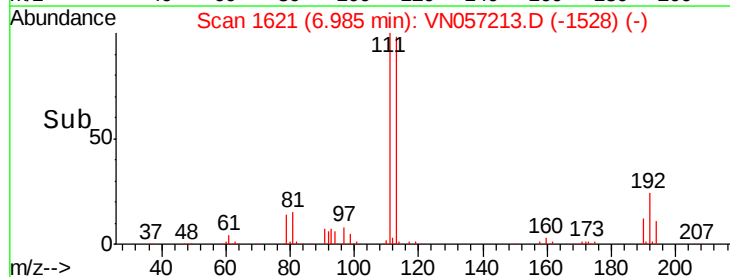
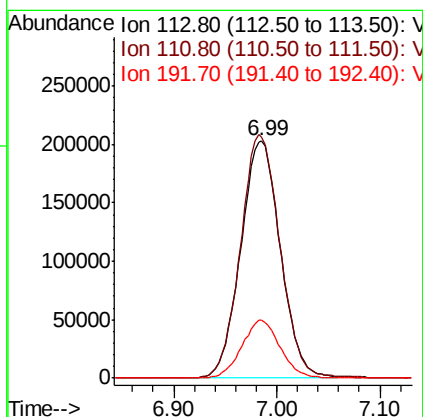
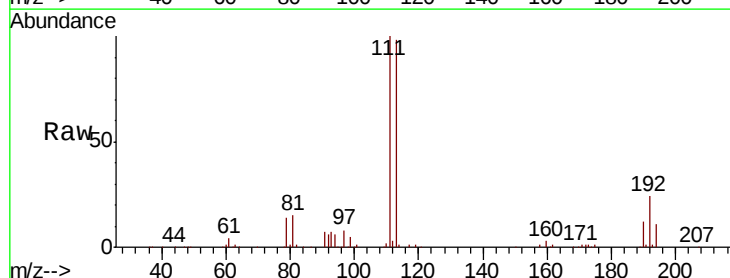
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-9R_080719

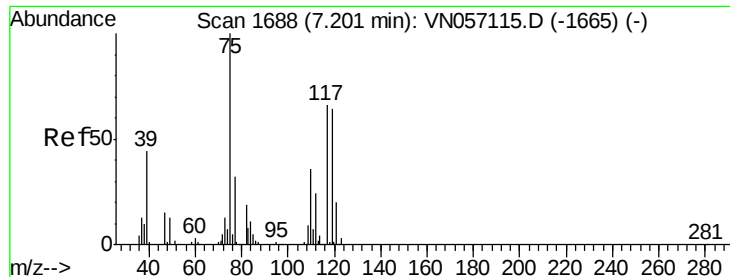
Tgt Ion:114 Resp: 1789773
 Ion Ratio Lower Upper
 114 100
 63 18.3 0.0 36.2
 88 14.4 0.0 30.0



#35
 Dibromofluoromethane
 Concen: 48.265 ug/l
 RT: 6.99 min Scan# 1621
 Delta R.T. -0.00 min
 Lab File: VN057213.D
 Acq: 12 Aug 2019 14:24

Tgt Ion:113 Resp: 542067
 Ion Ratio Lower Upper
 113 100
 111 102.7 81.3 121.9
 192 23.8 19.0 28.4

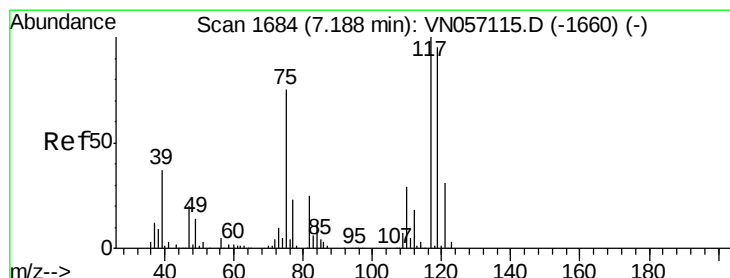
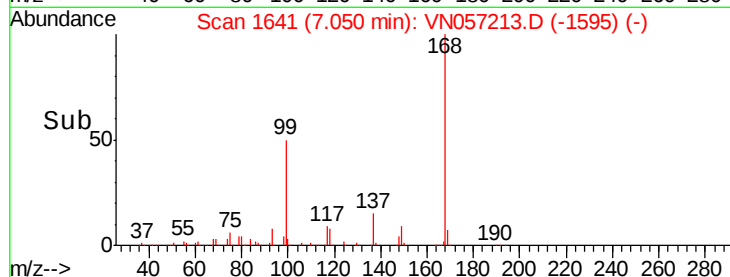
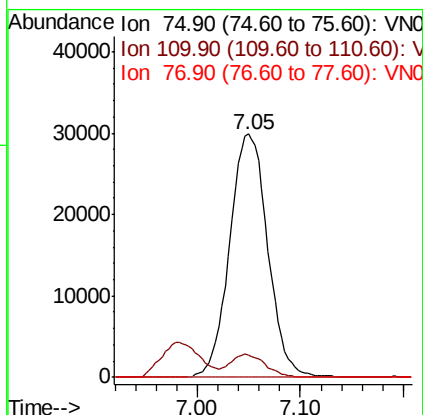
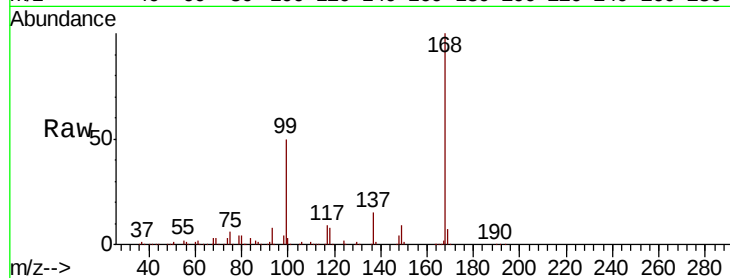




#36
 1,1-Dichloropropene
 Concen: 5.206 ug/l
 RT: 7.05 min Scan# 1641
 Delta R.T. -0.15 min
 Lab File: VN057213.D
 Acq: 12 Aug 2019 14:24

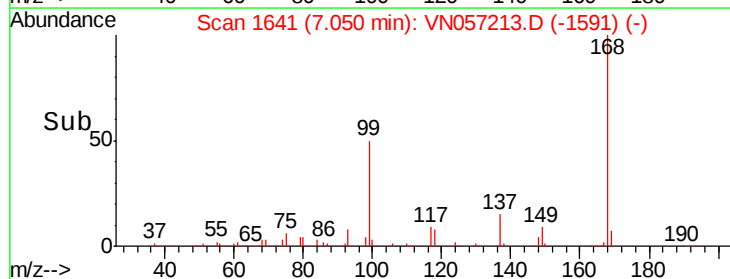
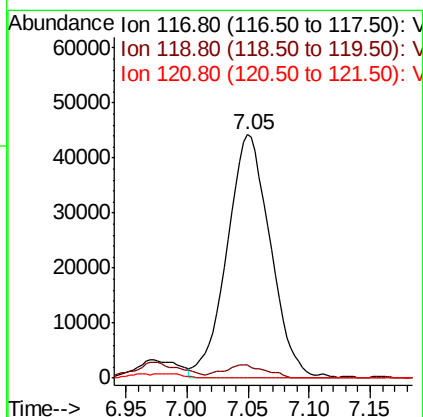
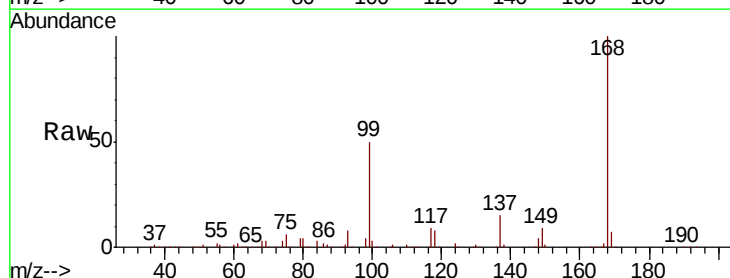
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-9R_080719

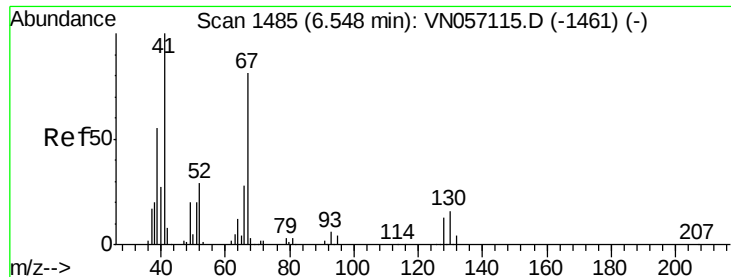
Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.8	18.7	56.1#
77	0.0	25.0	37.4#



#38
 Carbon Tetrachloride
 Concen: 7.051 ug/l
 RT: 7.05 min Scan# 1641
 Delta R.T. -0.14 min
 Lab File: VN057213.D
 Acq: 12 Aug 2019 14:24

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.3	75.8	113.6#
121	0.0	24.4	36.6#





#41

Methacrylonitrile

Concen: 0.400 ug/l

RT: 6.61 min Scan# 1505

Delta R.T. 0.06 min

Lab File: VN057213.D

Acq: 12 Aug 2019 14:24

Instrument :

MSVOA_N

ClientSampleId :

MW-9R 080719

Tgt Ion: 41 Resp: 2468

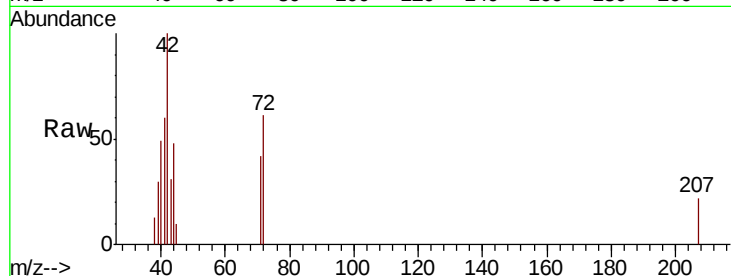
Ion Ratio Lower Upper

41 100

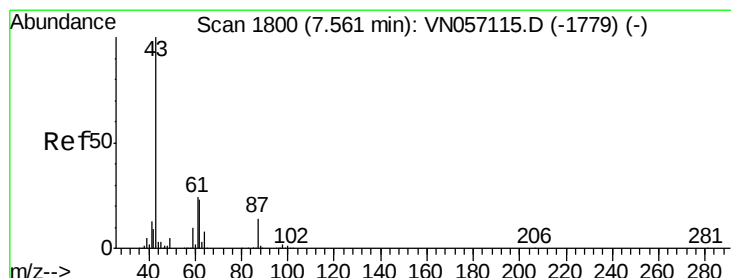
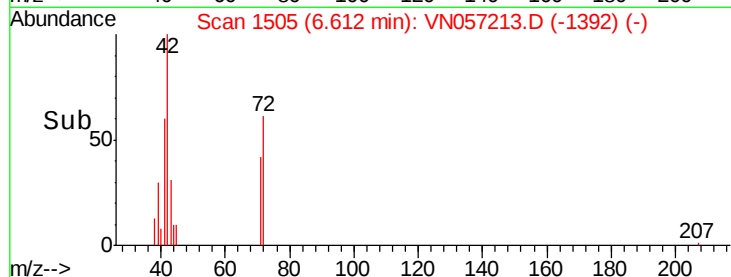
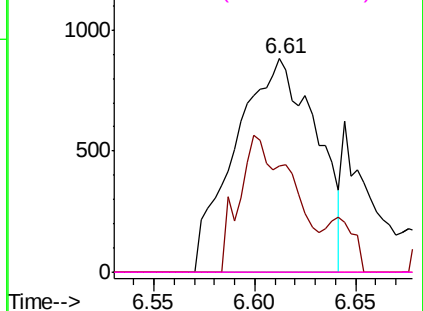
39 25.5 44.9 67.3#

67 0.0 69.1 103.7#

52 0.0 25.8 38.6#



Abundance Ion 41.00 (40.70 to 41.70): VNC
Ion 39.00 (38.70 to 39.70): VNC
Ion 67.00 (66.70 to 67.70): VNC
Ion 52.00 (51.70 to 52.70): VNC



#43

Isopropyl Acetate

Concen: 0.720 ug/l

RT: 7.62 min Scan# 1819

Delta R.T. 0.06 min

Lab File: VN057213.D

Acq: 12 Aug 2019 14:24

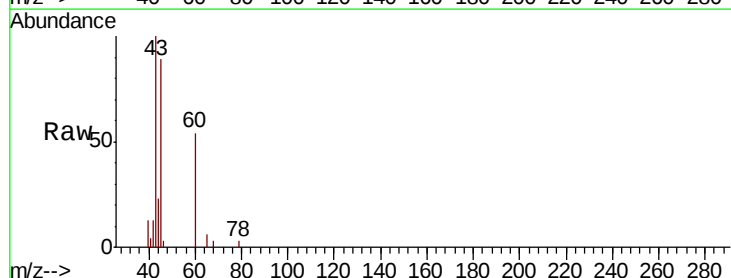
Tgt Ion: 43 Resp: 14926

Ion Ratio Lower Upper

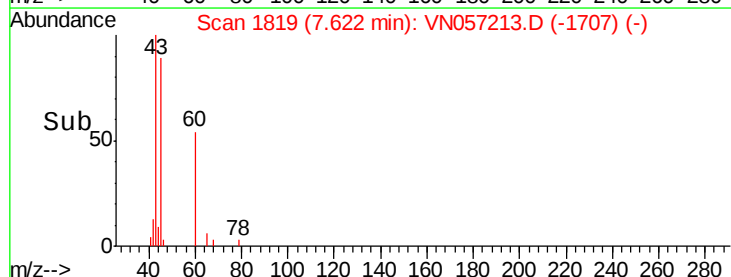
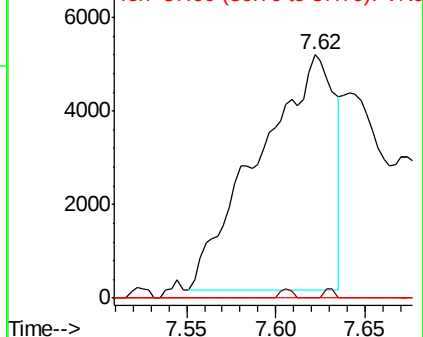
43 100

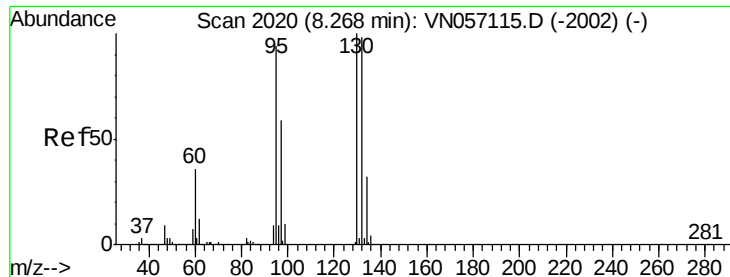
61 0.0 24.2 36.2#

87 0.0 11.8 17.8#



Abundance Ion 43.00 (42.70 to 43.70): VNC
Ion 61.00 (60.70 to 61.70): VNC
Ion 87.00 (86.70 to 87.70): VNC





#44

Trichloroethene

Concen: 7.364 ug/l

RT: 8.27 min Scan# 2020

Delta R.T. -0.00 min

Lab File: VN057213.D

Acq: 12 Aug 2019 14:24

Instrument :

MSVOA_N

ClientSampleId :

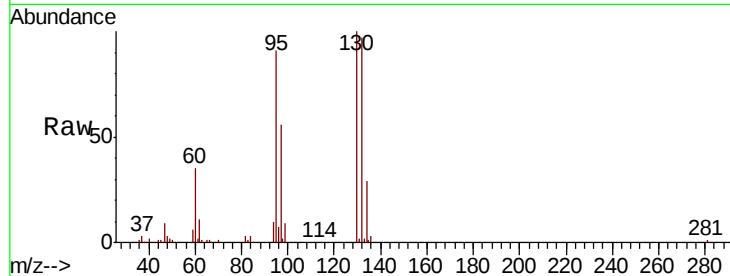
MW-9R 080719

Tgt Ion:130 Resp: 96249

Ion Ratio Lower Upper

130 100

95 91.1 0.0 187.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN0

8.27

50000

40000

30000

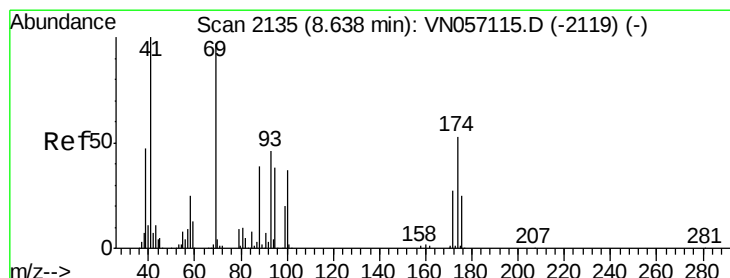
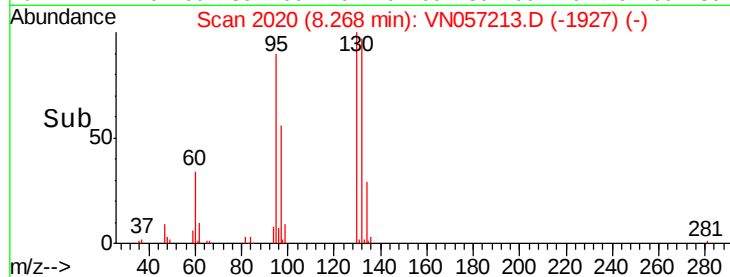
20000

10000

0

8.20 8.25 8.30 8.35

Time-->



#49

1,4-Dioxane

Concen: 1.803 ug/l

RT: 8.65 min Scan# 2138

Delta R.T. 0.01 min

Lab File: VN057213.D

Acq: 12 Aug 2019 14:24

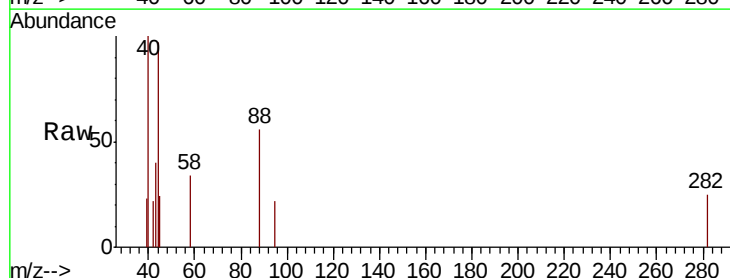
Tgt Ion: 88 Resp: 359

Ion Ratio Lower Upper

88 100

43 203.1 21.7 32.5#

58 91.1 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

800

600

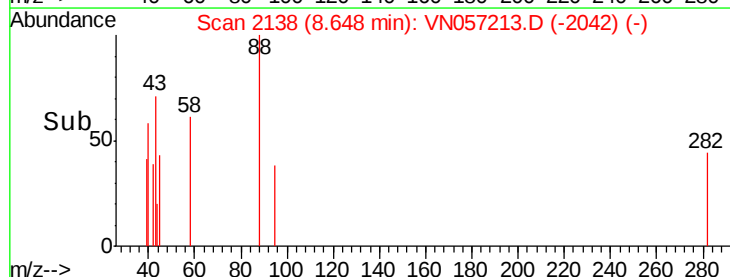
400

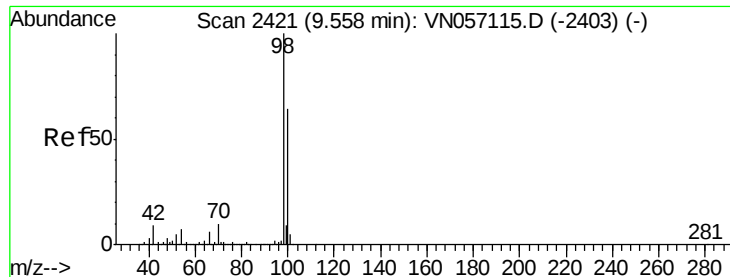
200

0

8.64 8.65 8.66

Time-->

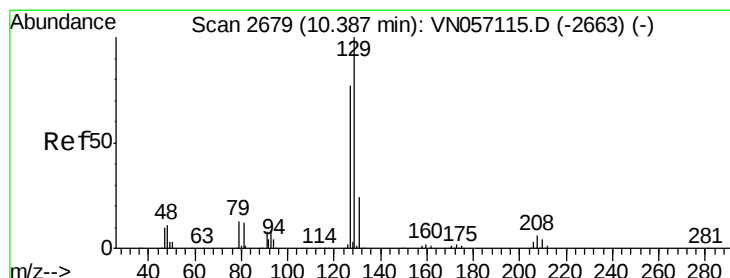
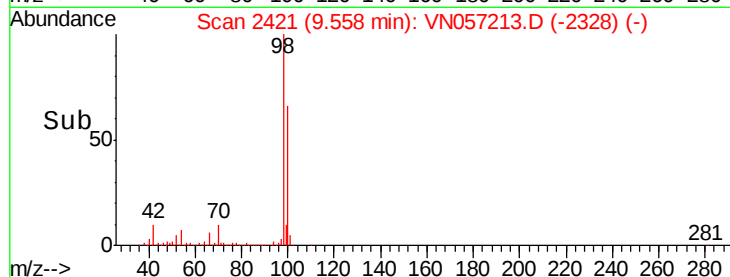
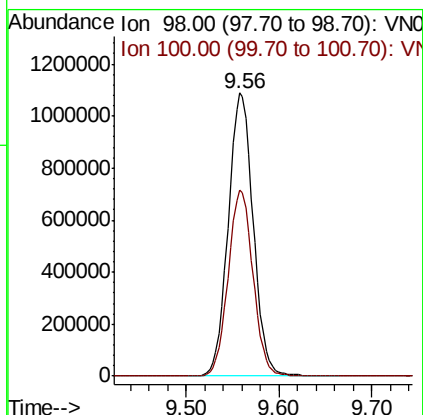
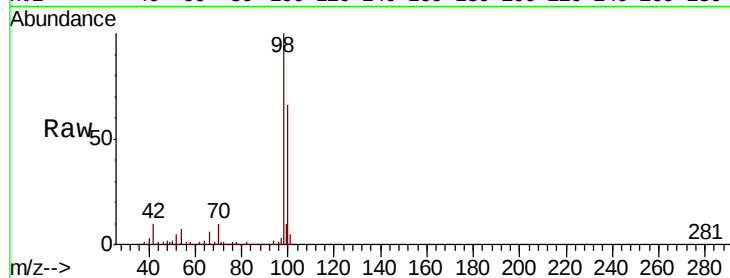




#50
Toluene-d8
Concen: 47.168 ug/l
RT: 9.56 min Scan# 2421
Delta R.T. -0.00 min
Lab File: VN057213.D
Acq: 12 Aug 2019 14:24

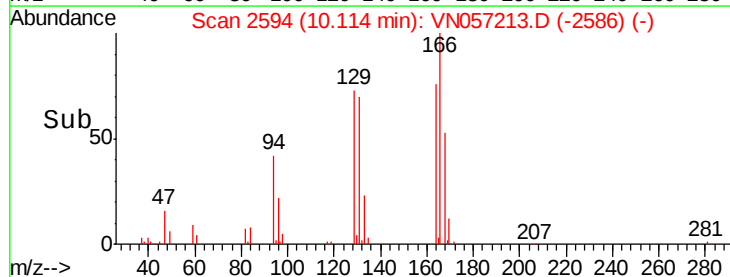
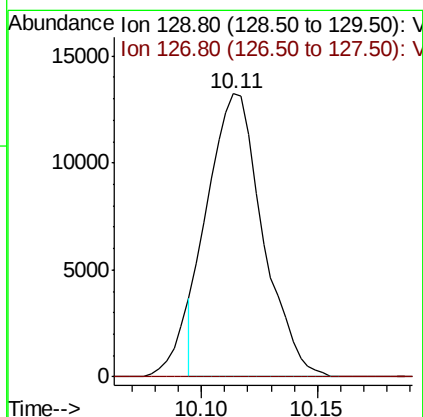
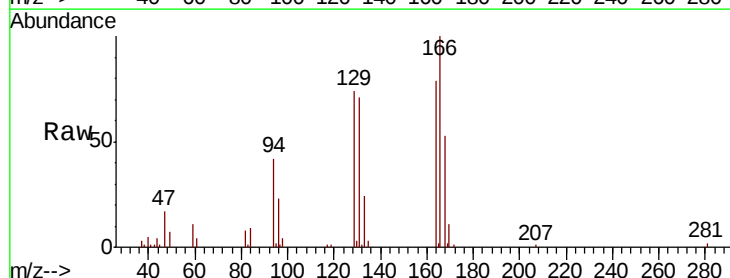
Instrument :
MSVOA_N
ClientSampleId :
MW-9R 080719

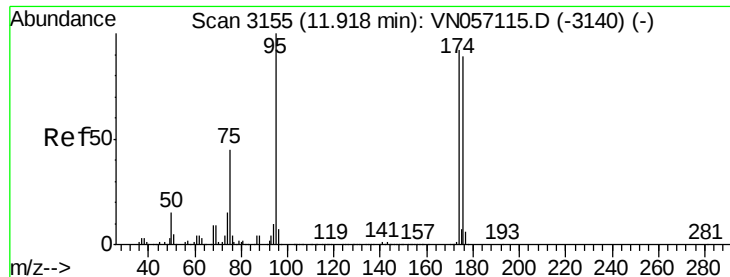
Tgt Ion: 98 Resp: 2026743
Ion Ratio Lower Upper
98 100
100 65.5 51.2 76.8



#60
Dibromochloromethane
Concen: 1.815 ug/l
RT: 10.11 min Scan# 2594
Delta R.T. -0.27 min
Lab File: VN057213.D
Acq: 12 Aug 2019 14:24

Tgt Ion: 129 Resp: 21706
Ion Ratio Lower Upper
129 100
127 0.0 38.6 116.0#





#62

4-Bromofluorobenzene

Concen: 38.346 ug/l

RT: 11.92 min Scan# 3156

Delta R.T. 0.00 min

Lab File: VN057213.D

Acq: 12 Aug 2019 14:24

Instrument :

MSVOA_N

ClientSampleId :

MW-9R 080719

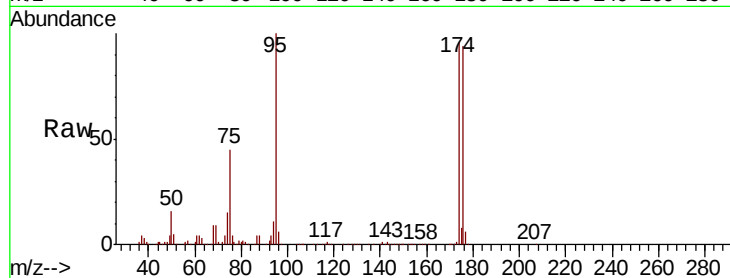
Tgt Ion: 95 Resp: 530892

Ion Ratio Lower Upper

95 100

174 96.3 0.0 185.0

176 93.8 0.0 181.2



Abundance Ion 94.90 (94.60 to 95.60): VN057115.D (-3140) (-)

Ion 173.80 (173.50 to 174.50): VN057115.D (-3140) (-)

Ion 175.80 (175.50 to 176.50): VN057115.D (-3140) (-)

11.92

400000

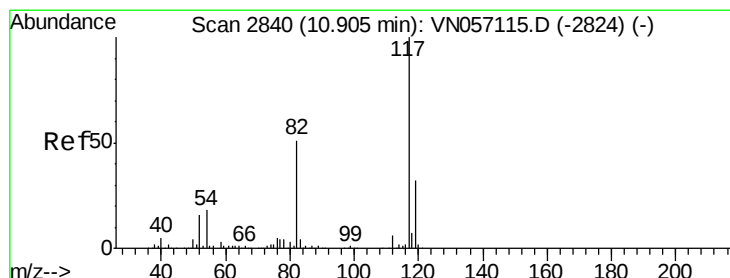
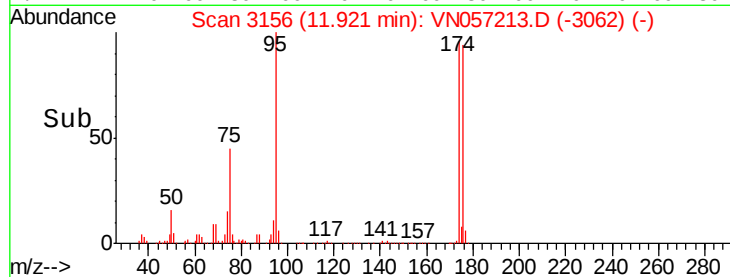
300000

200000

100000

0

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.91 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VN057213.D

Acq: 12 Aug 2019 14:24

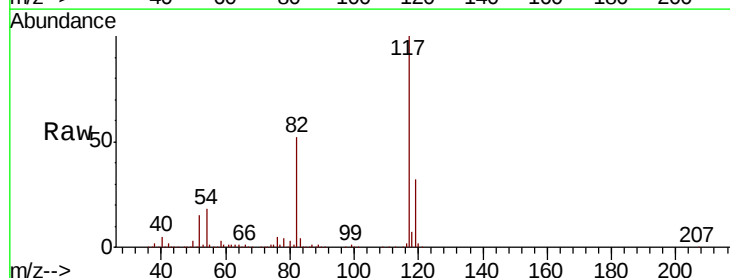
Tgt Ion: 117 Resp: 1464874

Ion Ratio Lower Upper

117 100

82 52.1 40.8 61.2

119 32.4 25.7 38.5



Abundance Ion 116.90 (116.60 to 117.60): VN057115.D (-2824) (-)

Ion 82.00 (81.70 to 82.70): VN057115.D (-2824) (-)

Ion 118.90 (118.60 to 119.60): VN057115.D (-2824) (-)

10.91

1000000

800000

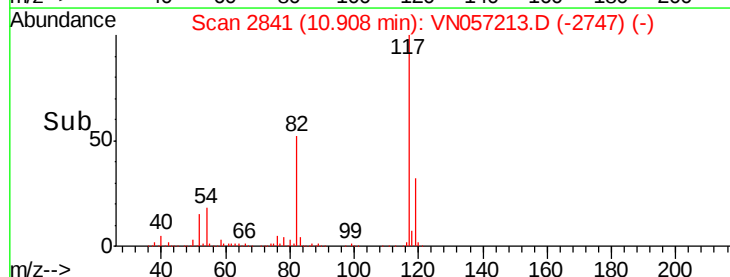
600000

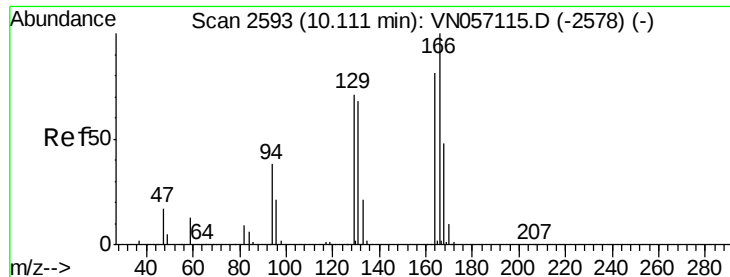
400000

200000

0

Time-->





#64

Tetrachloroethene

Concen: 2.172 ug/l

RT: 10.11 min Scan# 2594

Delta R.T. 0.00 min

Lab File: VN057213.D

Acq: 12 Aug 2019 14:24

Instrument :

MSVOA_N

ClientSampleId :

MW-9R 080719

Tgt Ion:164 Resp: 26459

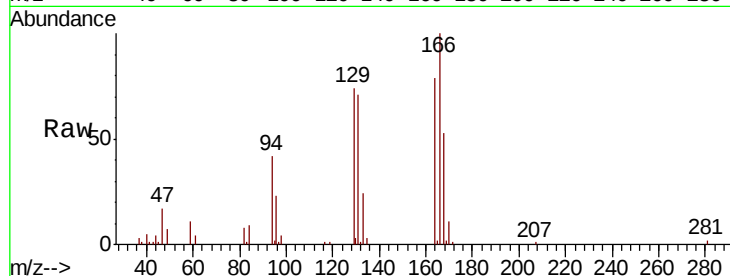
Ion Ratio Lower Upper

164 100

166 127.2 98.3 147.5

129 94.1 69.8 104.6

131 90.4 66.8 100.2

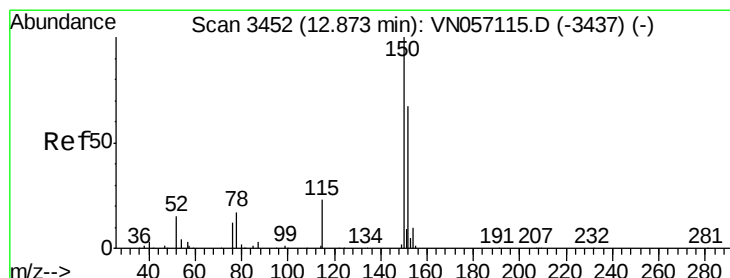
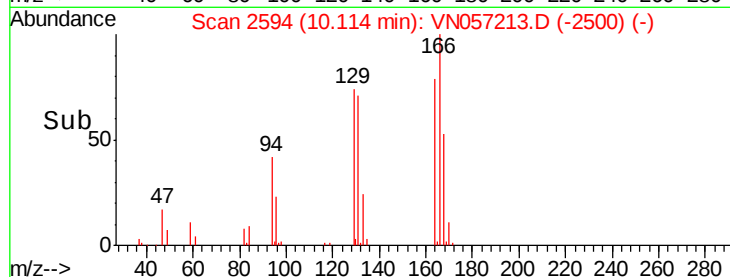
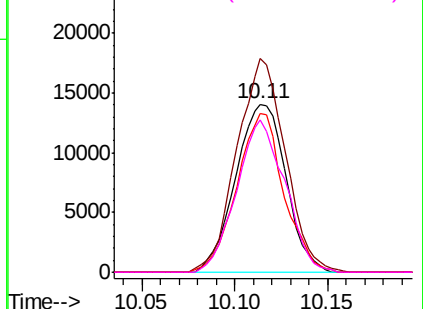


Abundance Ion 163.80 (163.50 to 164.50): V

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: 12.88 min Scan# 3453

Delta R.T. 0.00 min

Lab File: VN057213.D

Acq: 12 Aug 2019 14:24

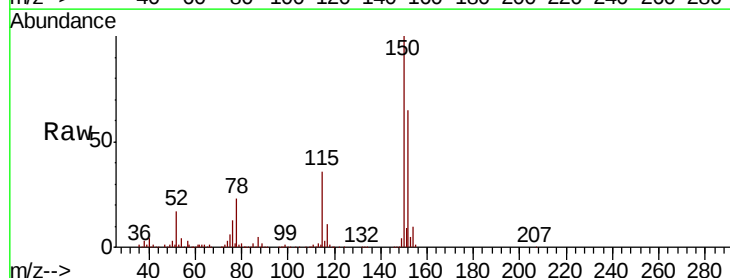
Tgt Ion:152 Resp: 363022

Ion Ratio Lower Upper

152 100

115 56.2 27.5 82.5

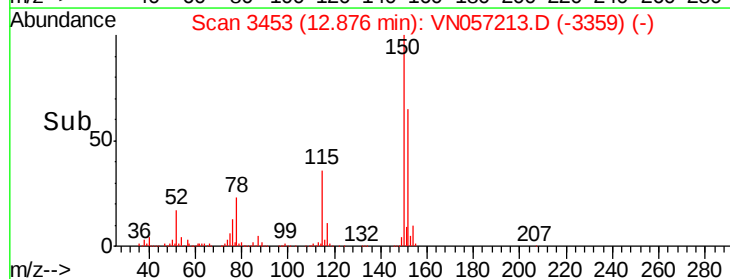
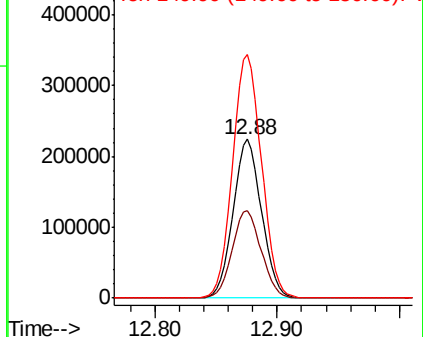
150 155.8 0.0 341.6

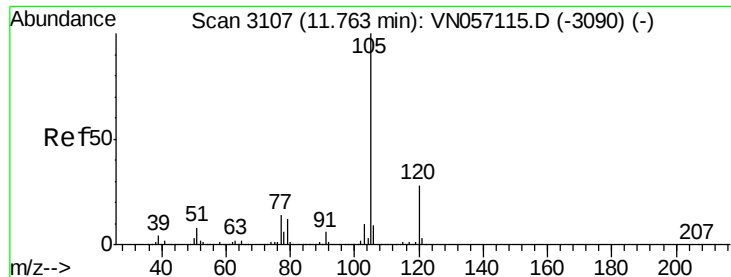


Abundance Ion 151.90 (151.60 to 152.60): V

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# 3110

Delta R.T. 0.01 min

Lab File: VN057213.D

Acq: 12 Aug 2019 14:24

Instrument :

MSVOA_N

ClientSampleId :

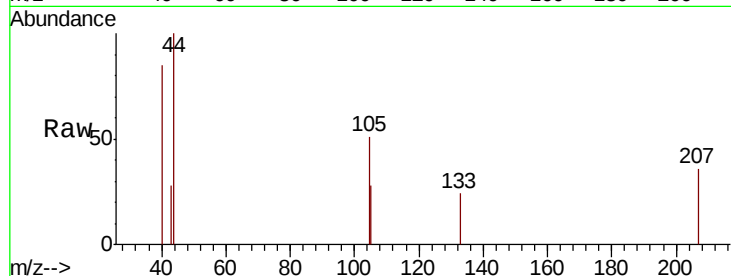
MW-9R 080719

Tgt Ion: 105 Resp: 493

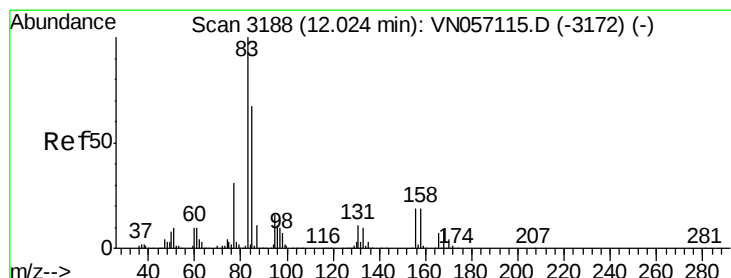
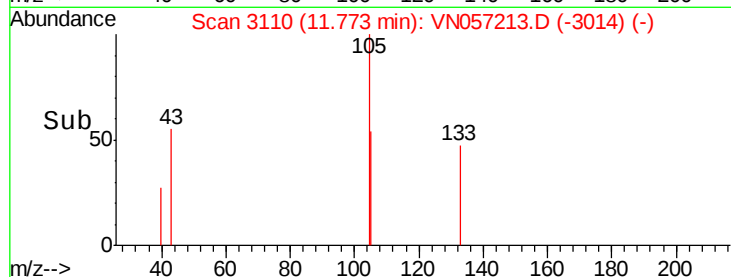
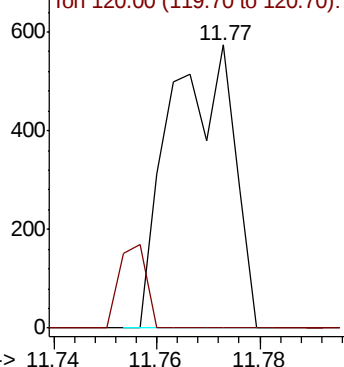
Ion Ratio Lower Upper

105 100

120 12.6 13.7 41.0#



Abundance Ion 105.00 (104.70 to 105.70): V



#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 11.94 min Scan# 3162

Delta R.T. -0.08 min

Lab File: VN057213.D

Acq: 12 Aug 2019 14:24

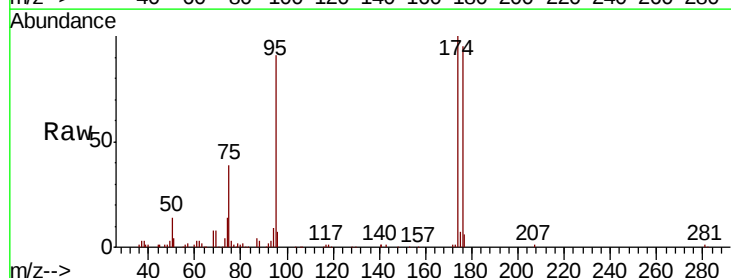
Tgt Ion: 83 Resp: 69

Ion Ratio Lower Upper

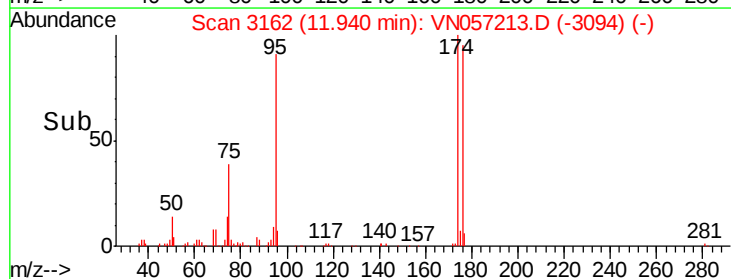
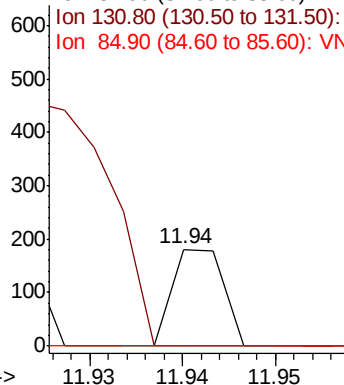
83 100

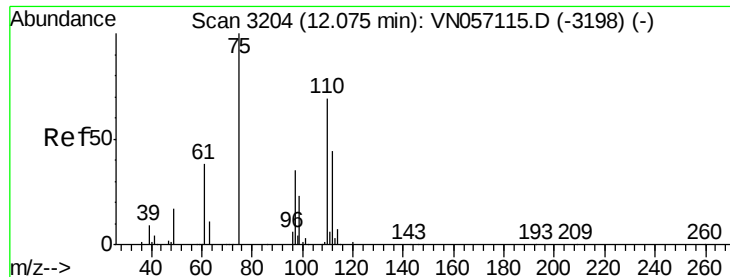
131 0.0 5.5 16.4#

85 0.0 32.4 97.0#



Abundance Ion 82.90 (82.60 to 83.60): V





#76

1,2,3-Trichloropropane

Concen: 33.123 ug/l

RT: 11.92 min Scan# 3156

Delta R.T. -0.15 min

Lab File: VN057213.D

Acq: 12 Aug 2019 14:24

Instrument :

MSVOA_N

ClientSampleId :

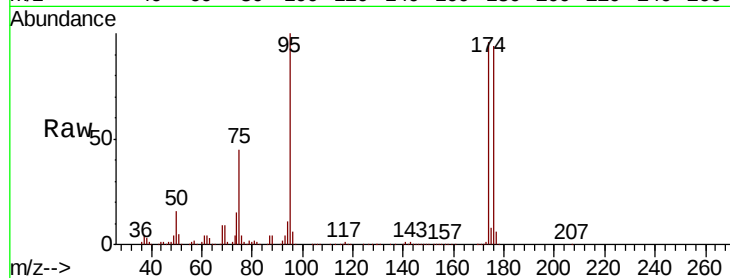
MW-9R 080719

Tgt Ion: 75 Resp: 241780

Ion Ratio Lower Upper

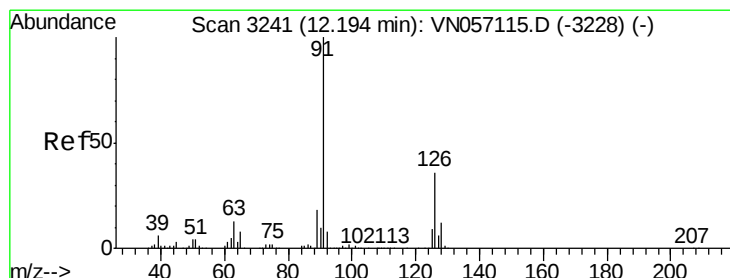
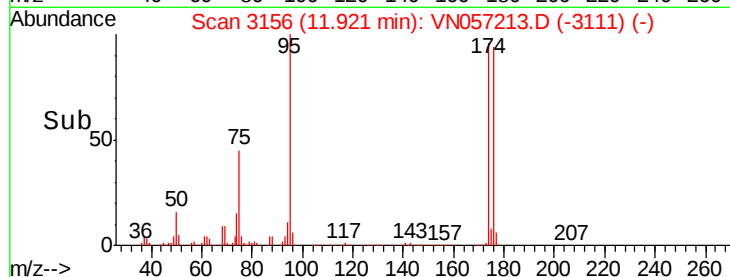
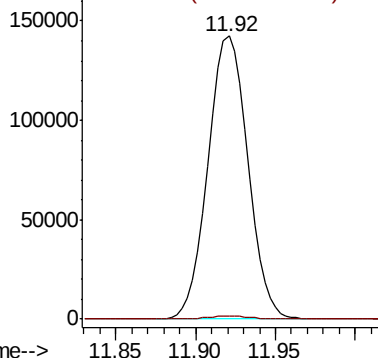
75 100

77 1.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0



#79

2-Chlorotoluene

Concen: Below Cal

RT: 12.19 min Scan# 3241

Delta R.T. 0.00 min

Lab File: VN057213.D

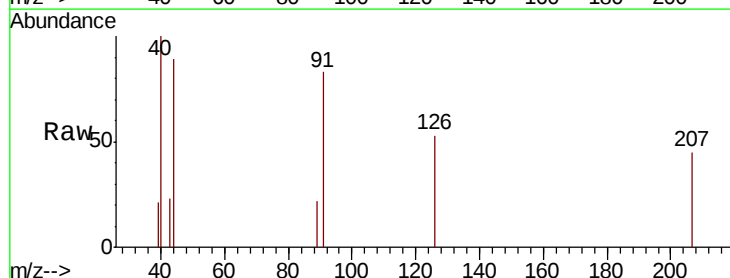
Acq: 12 Aug 2019 14:24

Tgt Ion: 91 Resp: 1085

Ion Ratio Lower Upper

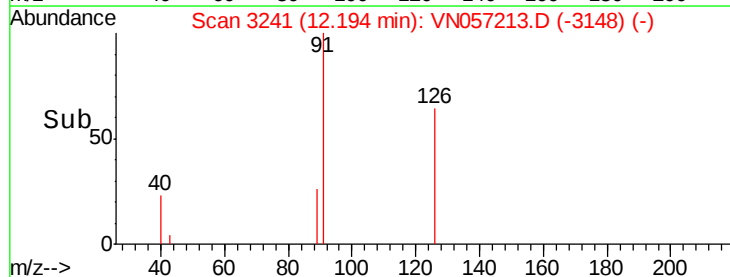
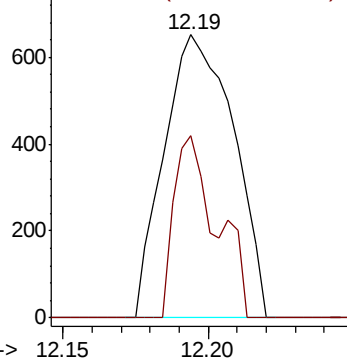
91 100

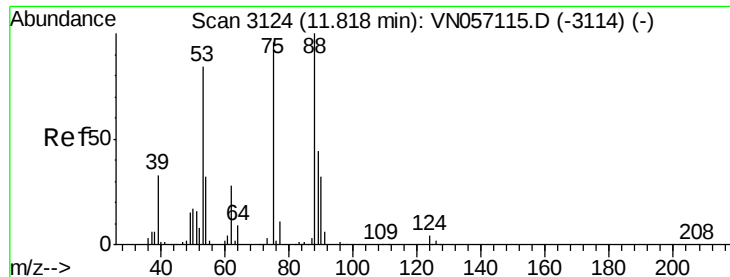
126 39.2 18.1 54.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V





#81

trans-1,4-Dichloro-2-butene

Concen: 97.928 ug/l

RT: 11.92 min Scan# 3156

Delta R.T. 0.10 min

Lab File: VN057213.D

Acq: 12 Aug 2019 14:24

Instrument :

MSVOA_N

ClientSampleId :

MW-9R 080719

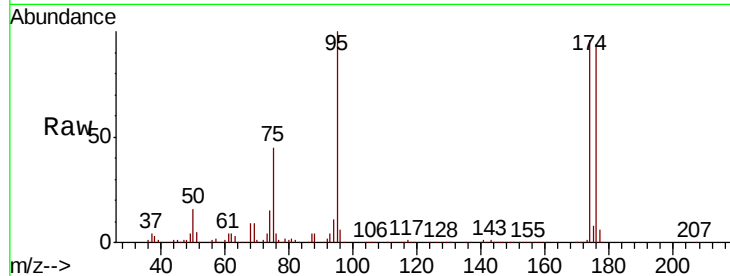
Tgt Ion: 75 Resp: 241780

Ion Ratio Lower Upper

75 100

53 0.0 70.6 106.0#

89 0.0 36.4 54.6#

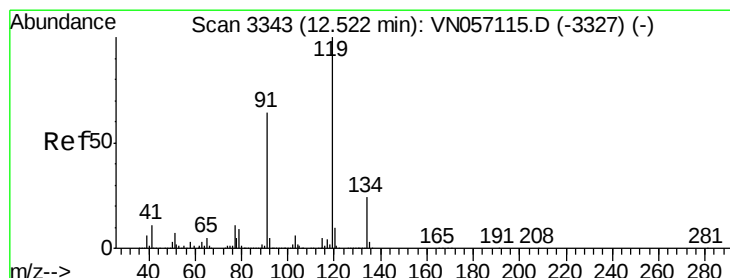
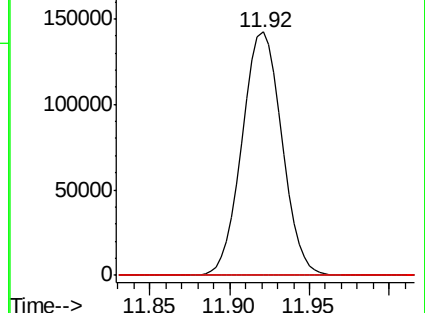
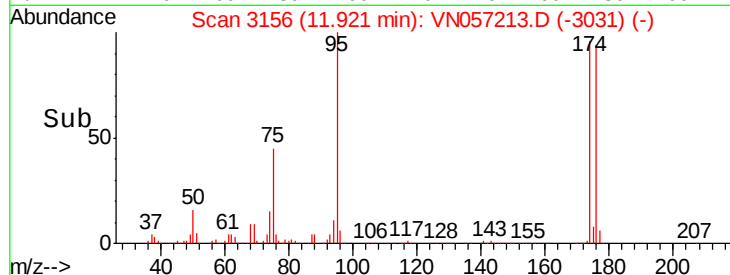


Abundance Ion 74.90 (74.60 to 75.60): VN057115.D (-3114) (-)

Ion 53.00 (52.70 to 53.70): VN057115.D (-3114) (-)

Ion 88.90 (88.60 to 89.60): VN057115.D (-3114) (-)

Time-->



#83

tert-Butylbenzene

Concen: Below Cal

RT: 12.51 min Scan# 3339

Delta R.T. -0.01 min

Lab File: VN057213.D

Acq: 12 Aug 2019 14:24

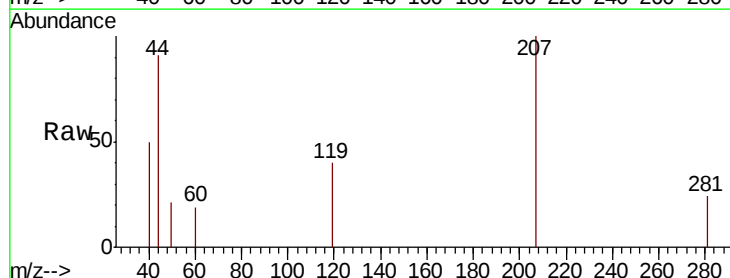
Tgt Ion: 119 Resp: 306

Ion Ratio Lower Upper

119 100

91 133.7 31.4 94.2#

134 33.7 13.2 39.6

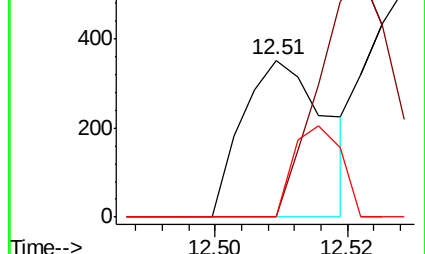
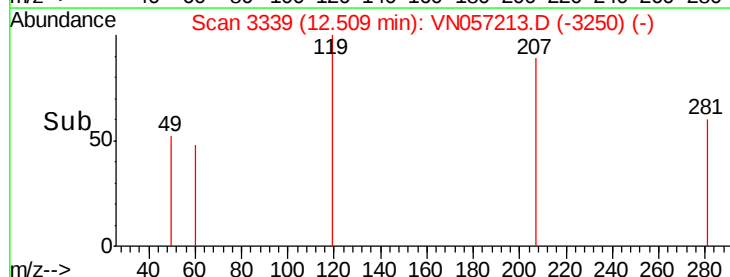


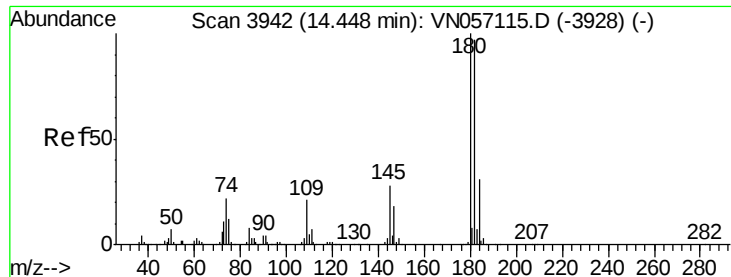
Abundance Ion 119.00 (118.70 to 119.70): VN057115.D (-3327) (-)

Ion 91.00 (90.70 to 91.70): VN057115.D (-3327) (-)

Ion 134.00 (133.70 to 134.70): VN057115.D (-3327) (-)

Time-->

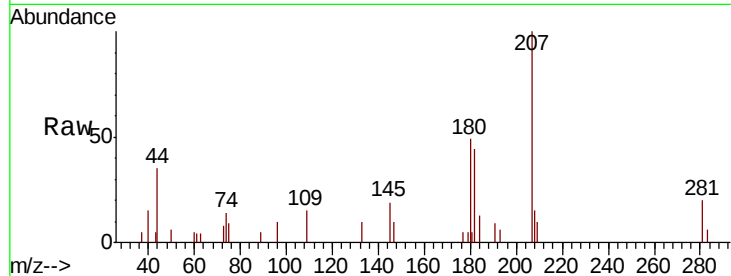




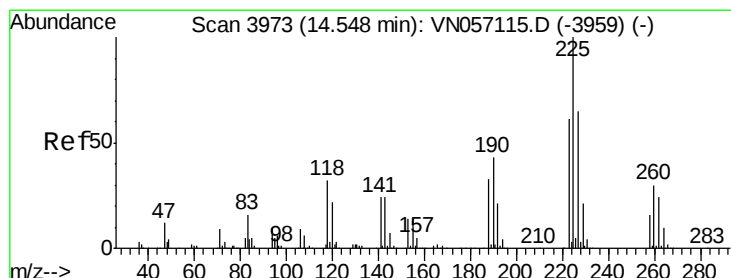
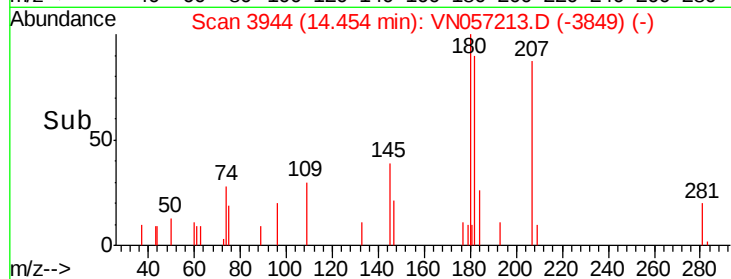
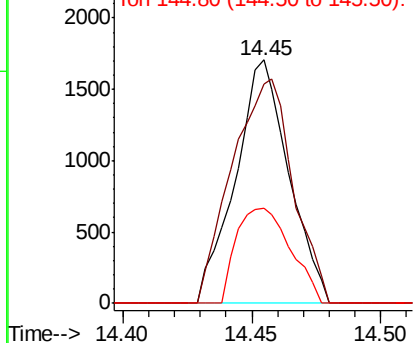
#93
 1,2,4-Trichlorobenzene
 Concen: 6.342 ug/l
 RT: 14.45 min Scan# 3944
 Delta R.T. 0.01 min
 Lab File: VN057213.D
 Acq: 12 Aug 2019 14:24

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-9R_080719

Tgt Ion:180 Resp: 2460
 Ion Ratio Lower Upper
 180 100
 182 105.3 47.5 142.6
 145 39.6 14.1 42.2

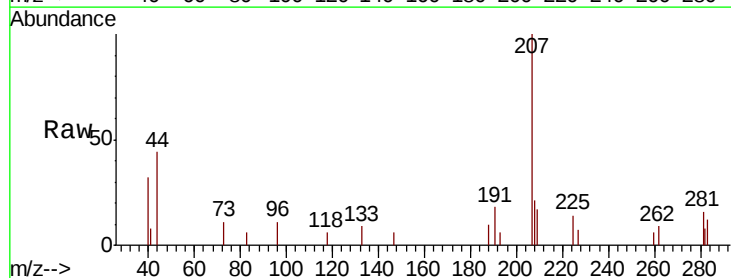


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

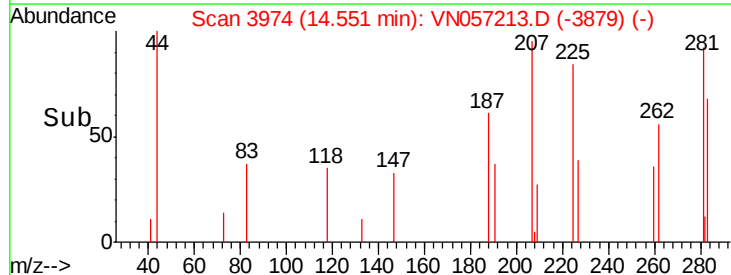
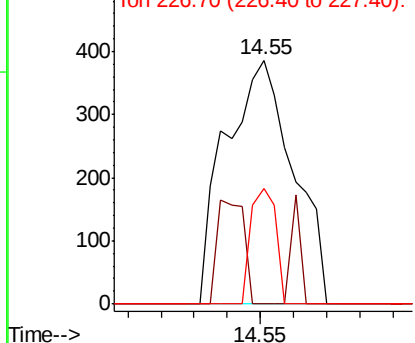


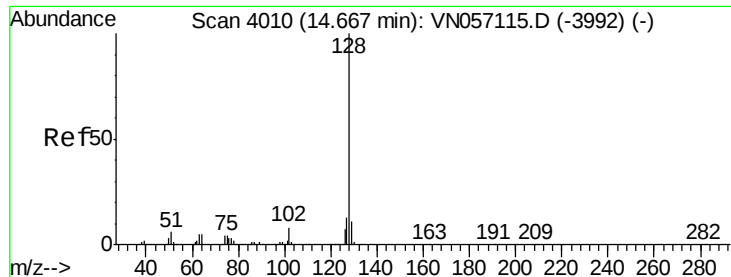
#94
 Hexachlorobutadiene
 Concen: Below Cal
 RT: 14.55 min Scan# 3974
 Delta R.T. 0.00 min
 Lab File: VN057213.D
 Acq: 12 Aug 2019 14:24

Tgt Ion:225 Resp: 551
 Ion Ratio Lower Upper
 225 100
 223 6.0 30.9 92.8#
 227 17.2 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: 3.042 ug/l

RT: 14.67 min Scan# 4012

Delta R.T. 0.01 min

Lab File: VN057213.D

Acq: 12 Aug 2019 14:24

Instrument :

MSVOA_N

ClientSampleId :

MW-9R 080719

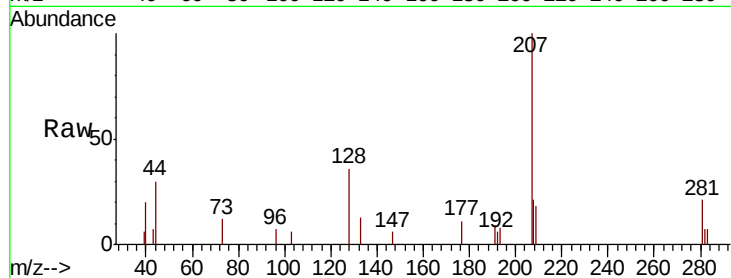
Tgt Ion:128 Resp: 2245

Ion Ratio Lower Upper

128 100

127 2.9 10.3 15.5#

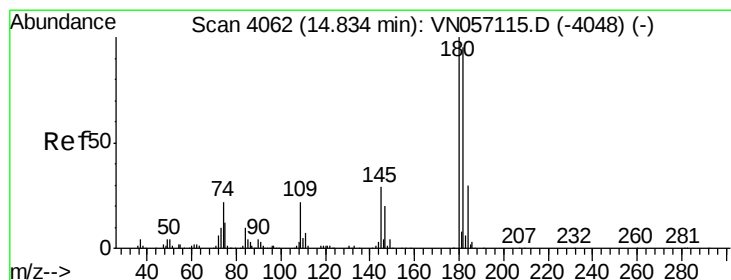
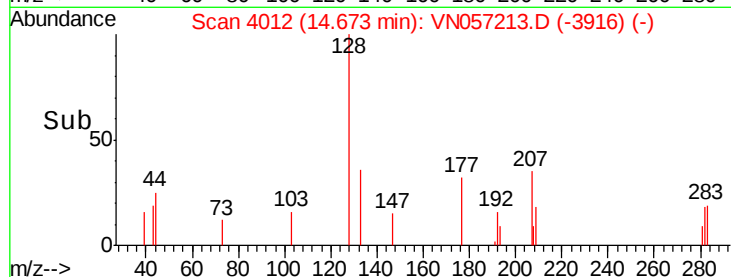
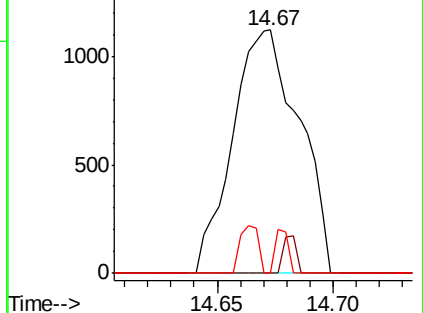
129 3.4 8.8 13.2#



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: 6.211 ug/l

RT: 14.83 min Scan# 4062

Delta R.T. -0.00 min

Lab File: VN057213.D

Acq: 12 Aug 2019 14:24

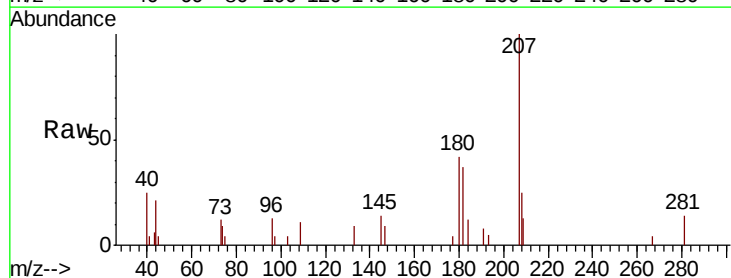
Tgt Ion:180 Resp: 3013

Ion Ratio Lower Upper

180 100

182 96.3 48.3 144.8

145 28.6 14.9 44.5



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

