

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN033019\
 Data File : VN054800.D
 Acq On : 30 Mar 2019 14:13
 Operator : JC/SP
 Sample : K2043-03ME
 Misc : 6.02g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WP022SB442-190319-(14-16)ME

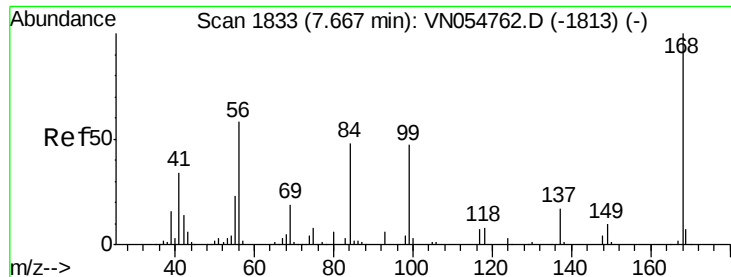
Quant Time: Mar 30 22:39:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032919W.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 30 00:48:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	459239	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	759483	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	656945	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	257631	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	308378	49.81	ug/l	0.00
Spiked Amount			Recovery	=	99.62%	
35) Dibromofluoromethane	7.59	113	238962	47.19	ug/l	0.00
Spiked Amount			Recovery	=	94.38%	
50) Toluene-d8	10.09	98	913615	48.53	ug/l	0.00
Spiked Amount			Recovery	=	97.06%	
62) 4-Bromofluorobenzene	12.40	95	299791	47.89	ug/l	0.00
Spiked Amount			Recovery	=	95.78%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.52	94	626	Below Cal		81
11) Tert butyl alcohol	4.74	59	314	0.974	ug/l #	70
13) Acrolein	3.60	56	207	0.718	ug/l #	68
16) Acetone	3.82	43	898	0.608	ug/l #	38
18) Methyl Acetate	4.34	43	5146	0.427	ug/l #	64
20) Methylene Chloride	4.54	84	2915	0.560	ug/l #	71
25) 2-Butanone	6.86	43	503	0.231	ug/l #	46
31) Cyclohexane	7.66	56	10254	Below Cal	#	30
36) 1,1-Dichloropropene	7.66	75	35793	5.058	ug/l #	42
38) Carbon Tetrachloride	7.66	117	44583	6.486	ug/l #	16
44) Trichloroethene	8.83	130	1580	0.301	ug/l	91
55) 1,1,2-Trichloroethane	10.53	97	1137	0.254	ug/l #	15
60) Dibromochloromethane	10.63	129	959	0.211	ug/l #	11
65) Chlorobenzene	11.43	112	106420	8.274	ug/l	98
71) Bromoform	12.40	173	3104	1.101	ug/l #	1
74) N-amyl acetate	12.05	43	5417	0.826	ug/l #	63
75) 1,1,2,2-Tetrachloroethane	12.51	83	156	Below Cal	#	26
76) 1,2,3-Trichloropropane	12.40	75	157119	35.105	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	157119	136.551	ug/l #	11
83) tert-Butylbenzene	12.99	119	4051	Below Cal		82
85) sec-Butylbenzene	13.17	105	5440	0.290	ug/l #	30
87) 1,3-Dichlorobenzene	13.28	146	9157	1.076	ug/l #	83
88) 1,4-Dichlorobenzene	13.36	146	11986	1.436	ug/l #	60
89) n-Butylbenzene	13.61	91	4534	0.336	ug/l	84
90) Hexachloroethane	13.89	117	850	0.302	ug/l #	2
91) 1,2-Dichlorobenzene	13.65	146	5717	0.666	ug/l #	77
93) 1,2,4-Trichlorobenzene	14.91	180	2396	0.579	ug/l #	41

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

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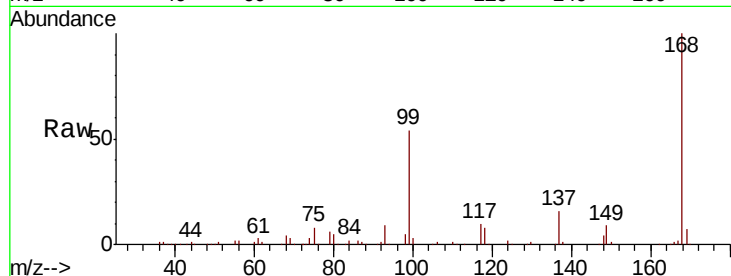
WP022SB442-190319-(14-16)ME

Tot Ion:168 Resp: 459239

Ion Ratio Lower Upper

168 100

99 54.1 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): VN054762.D (-1813) (-)

Ion 98.90 (98.60 to 99.60): VN054762.D (-1813) (-)

7.66

200000

150000

100000

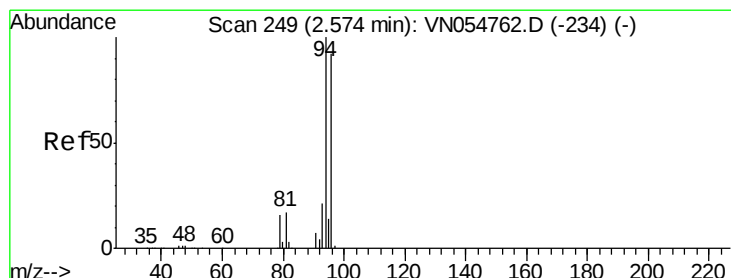
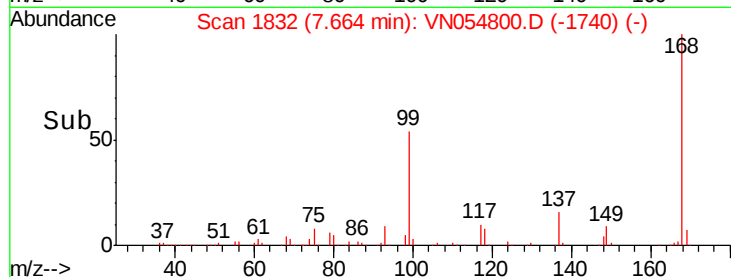
50000

0

7.60

7.70

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 2.52 min Scan# 232

Delta R.T. -0.05 min

Lab File: VN054800.D

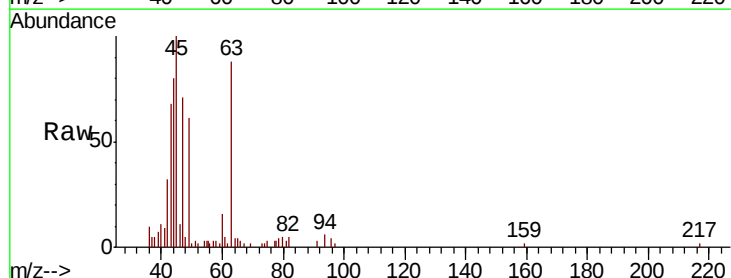
Acq: 30 Mar 2019 14:13

Tgt Ion: 94 Resp: 626

Ion Ratio Lower Upper

94 100

96 77.2 77.0 115.4



Abundance Ion 93.90 (93.60 to 94.60): VN054762.D (-234) (-)

Ion 95.90 (95.60 to 96.60): VN054762.D (-234) (-)

2.52

500

400

300

200

100

0

2.48

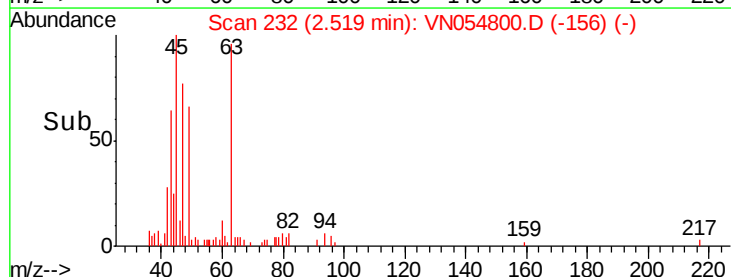
2.50

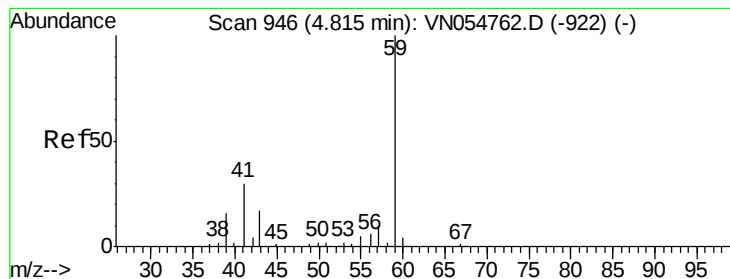
2.52

2.54

2.56

Time-->



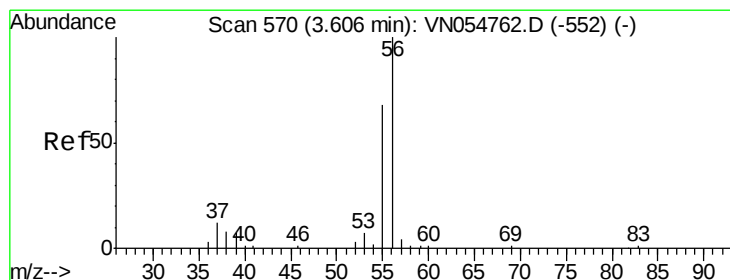
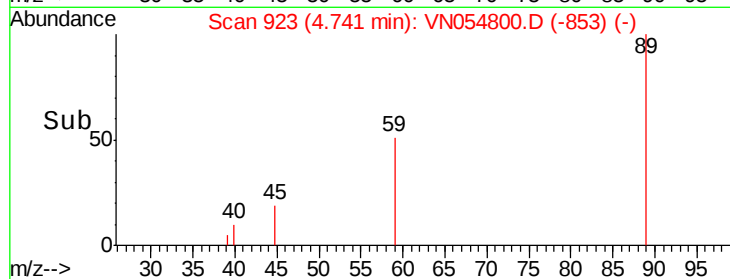
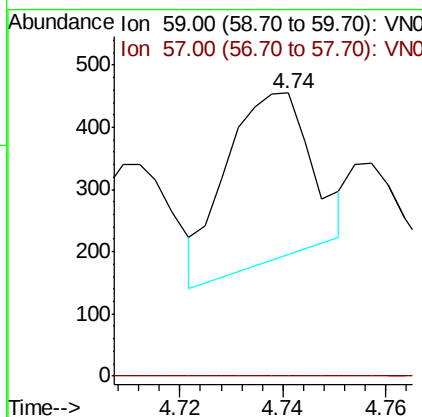
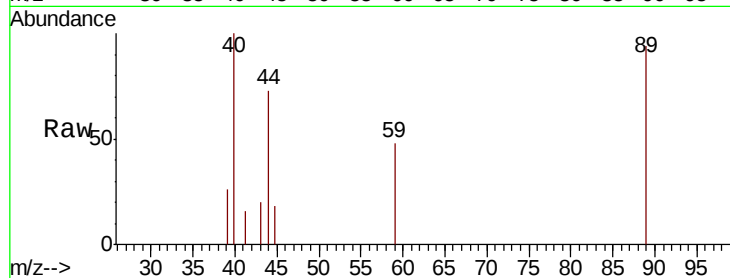


#11

Tert butyl alcohol
 Concen: 0.974 ug/l
 RT: 4.74 min Scan# 923
 Delta R.T. -0.07 min
 Lab File: VN054800.D
 Acq: 30 Mar 2019 14:13

Instrument :
 MSVOA_N
 ClientSampleId :
 WP022SB442-190319-(14-16)ME

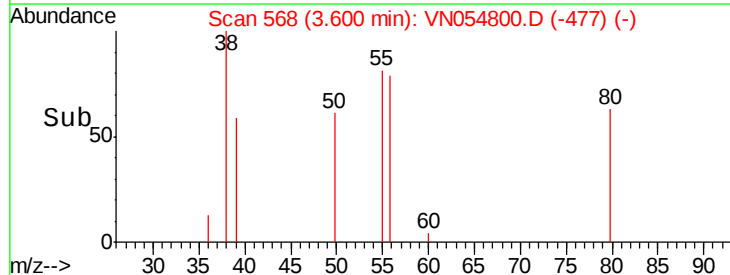
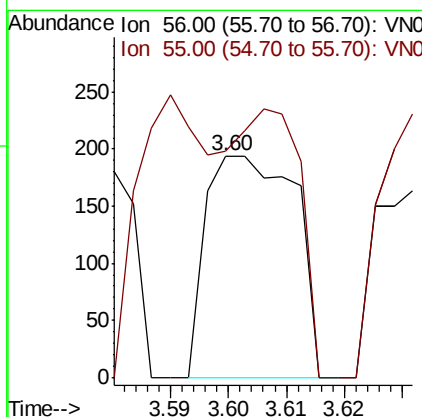
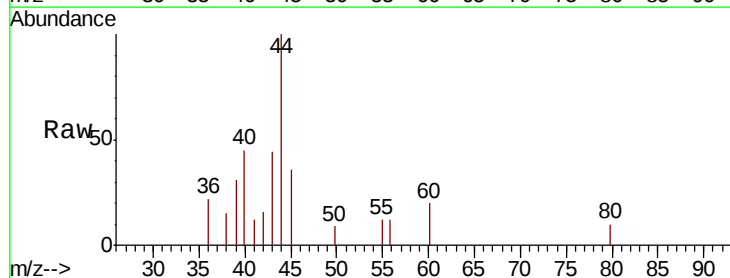
Tot Ion: 59 Resp: 314
 Ion Ratio Lower Upper
 59 100
 57 0.0 9.0 13.6#

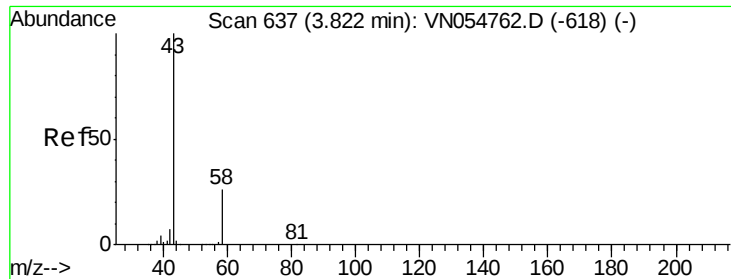


#13

Acrolein
 Concen: 0.718 ug/l
 RT: 3.60 min Scan# 568
 Delta R.T. -0.01 min
 Lab File: VN054800.D
 Acq: 30 Mar 2019 14:13

Tgt Ion: 56 Resp: 207
 Ion Ratio Lower Upper
 56 100
 55 97.1 56.7 85.1#





#16

Acetone

Concen: 0.608 ug/l

RT: 3.82 min Scan# 635

Delta R.T. -0.01 min

Lab File: VN054800.D

Acq: 30 Mar 2019 14:13

Instrument :

MSVOA_N

ClientSampleId :

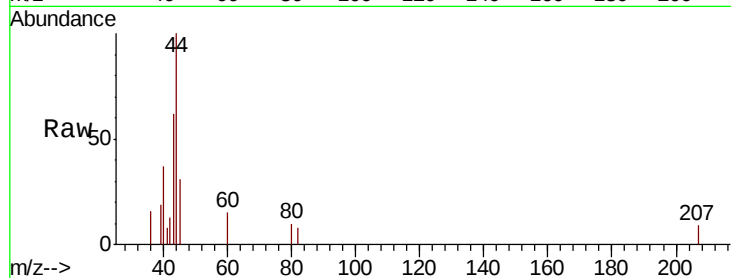
WP022SB442-190319-(14-16)ME

Tot Ion: 43 Resp: 898

Ion Ratio Lower Upper

43 100

58 0.0 29.9 44.9#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.82

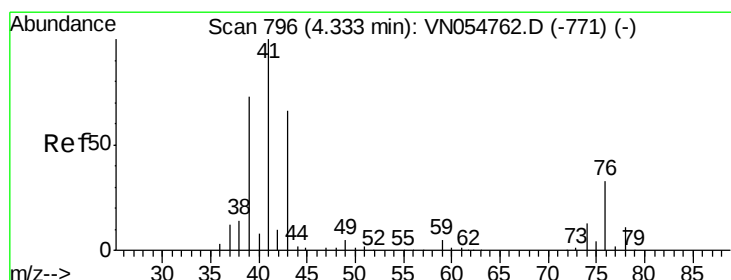
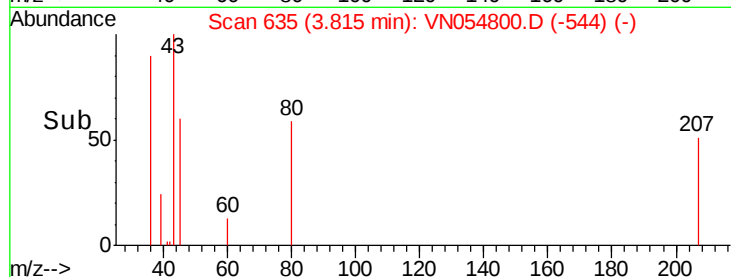
1500

1000

500

0

Time--> 3.78 3.80 3.82



#18

Methyl Acetate

Concen: 0.427 ug/l

RT: 4.34 min Scan# 799

Delta R.T. 0.01 min

Lab File: VN054800.D

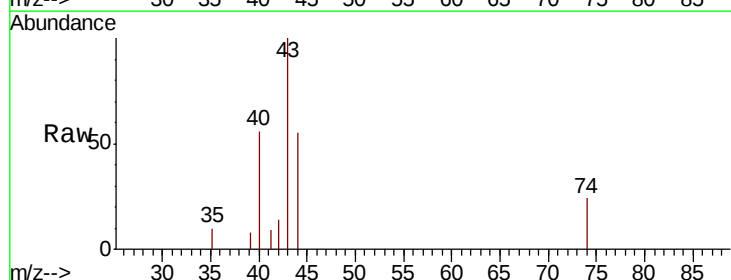
Acq: 30 Mar 2019 14:13

Tgt Ion: 43 Resp: 5146

Ion Ratio Lower Upper

43 100

74 7.8 20.8 31.2#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

4.34

2500

2000

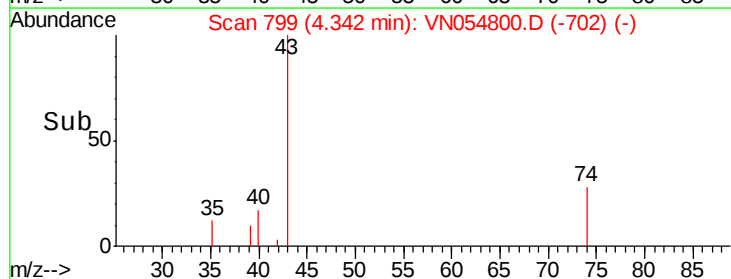
1500

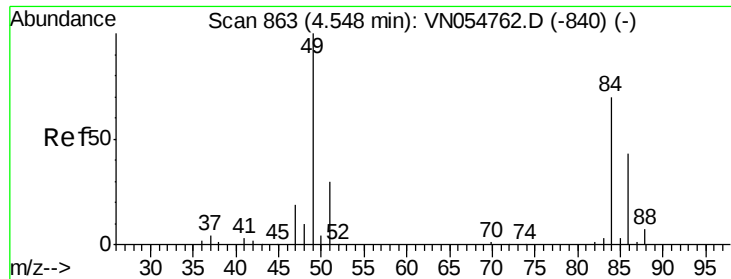
1000

500

0

Time--> 4.25 4.30 4.35 4.40

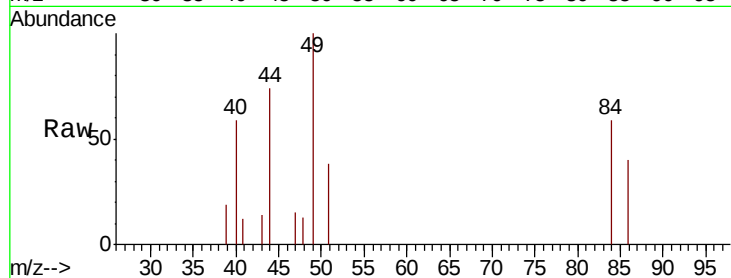




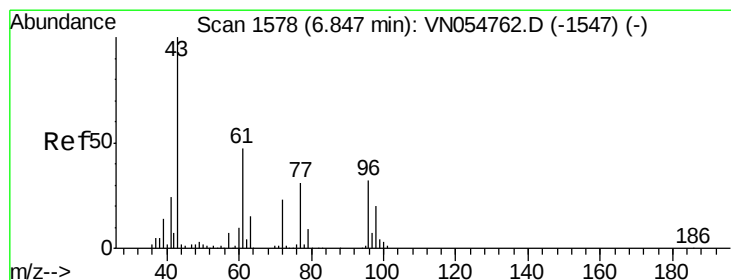
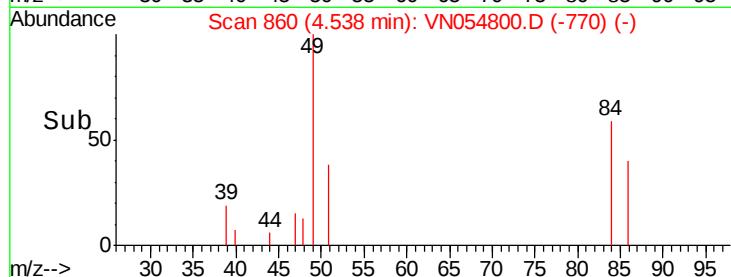
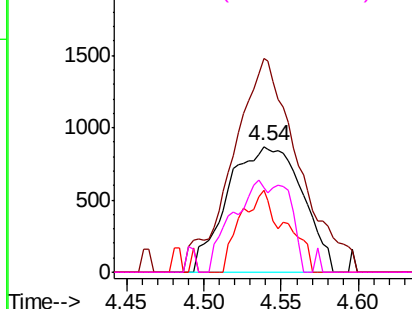
#20
Methvlene Chloride
Concen: 0.560 ug/l
RT: 4.54 min Scan# 860
Delta R.T. -0.01 min
Lab File: VN054800.D
Acq: 30 Mar 2019 14:13

Instrument :
MSVOA_N
ClientSampleId :
WP022SB442-190319-(14-16)ME

Tot Ion: 84 Resp: 2915
Ion Ratio Lower Upper
84 100
49 149.5 89.7 134.5#
51 64.7 28.2 42.4#
86 67.6 50.8 76.2

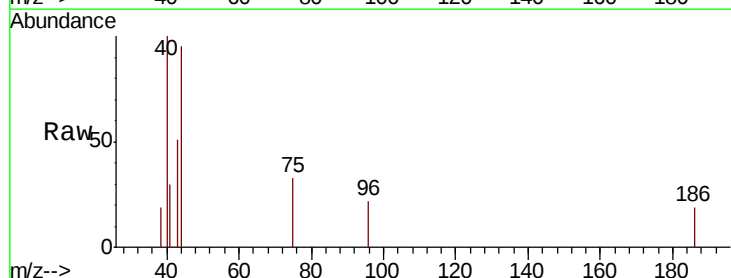


Abundance Ion 83.90 (83.60 to 84.60): VNC
Ion 48.90 (48.60 to 49.60): VNC
Ion 50.90 (50.60 to 51.60): VNC
Ion 85.90 (85.60 to 86.60): VNC

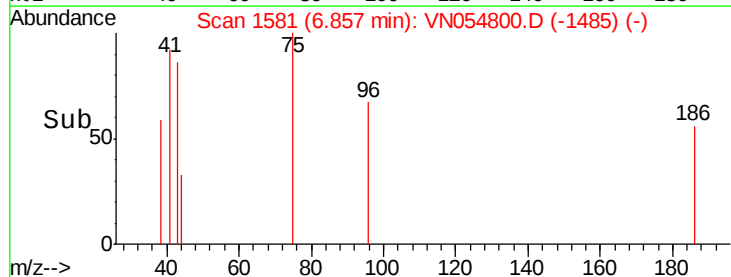
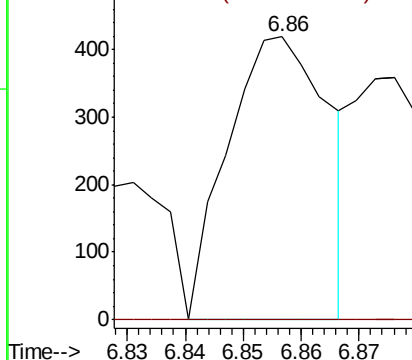


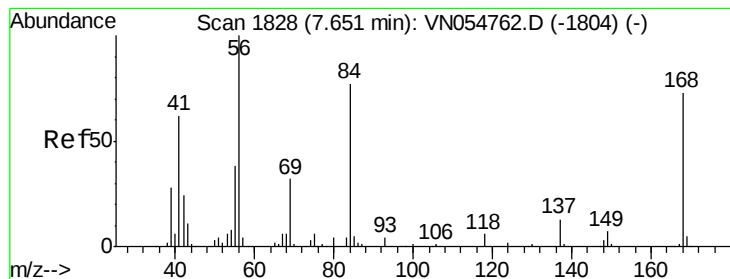
#25
2-Butanone
Concen: 0.231 ug/l
RT: 6.86 min Scan# 1581
Delta R.T. 0.01 min
Lab File: VN054800.D
Acq: 30 Mar 2019 14:13

Tgt Ion: 43 Resp: 503
Ion Ratio Lower Upper
43 100
72 0.0 23.0 34.6#



Abundance Ion 43.00 (42.70 to 43.70): VNC
Ion 72.00 (71.70 to 72.70): VNC





#31

Cyclohexane

Concen: Below Cal

RT: 7.66 min Scan# 1832

Delta R.T. 0.01 min

Lab File: VN054800.D

Acq: 30 Mar 2019 14:13

Instrument :

MSVOA_N

ClientSampleId :

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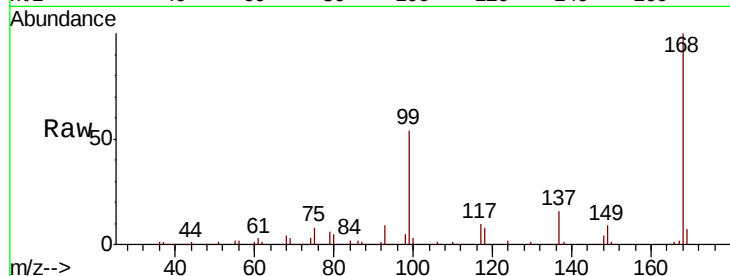
Tot Ion: 56 Resp: 10254

Ion Ratio Lower Upper

56 100

69 158.0 27.8 41.6#

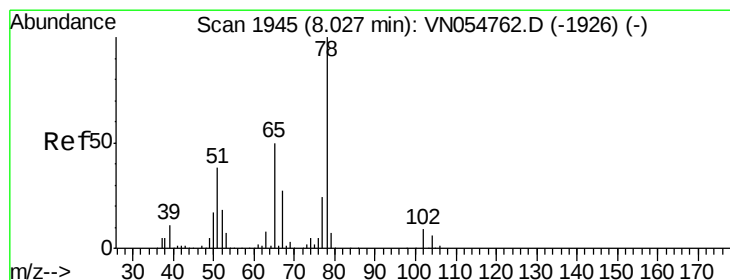
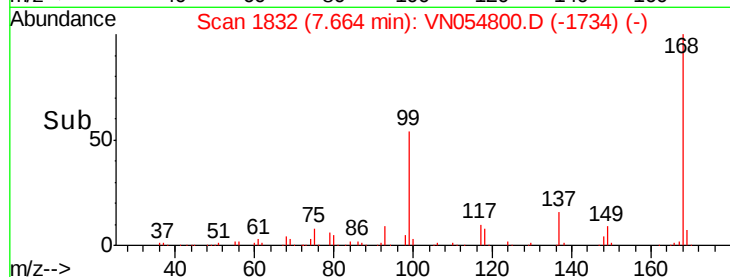
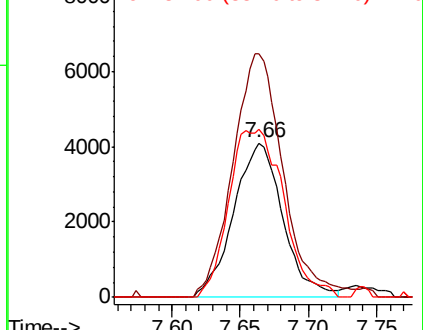
84 109.1 74.6 111.8



Abundance Ion 56.00 (55.70 to 56.70): VN054762.D (-1804) (-)

Ion 69.00 (68.70 to 69.70): VN054762.D (-1804) (-)

Ion 84.00 (83.70 to 84.70): VN054762.D (-1804) (-)



#33

1,2-Dichloroethane-d4

Concen: 49.813 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN054800.D

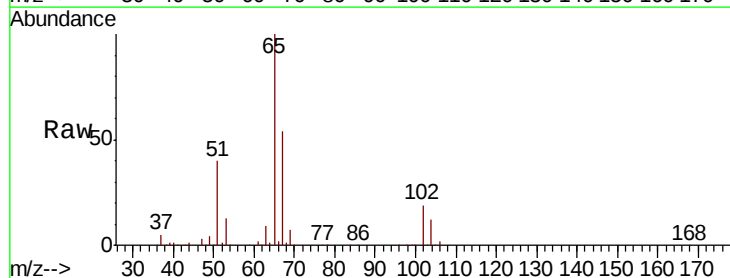
Acq: 30 Mar 2019 14:13

Tgt Ion: 65 Resp: 308378

Ion Ratio Lower Upper

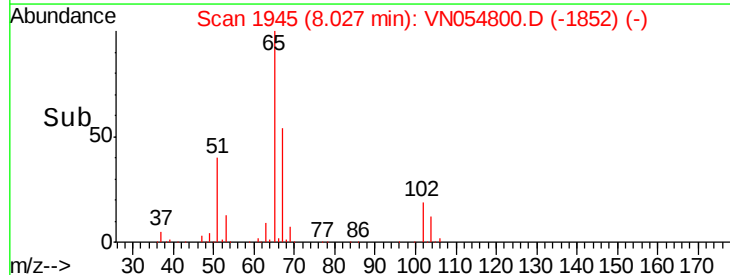
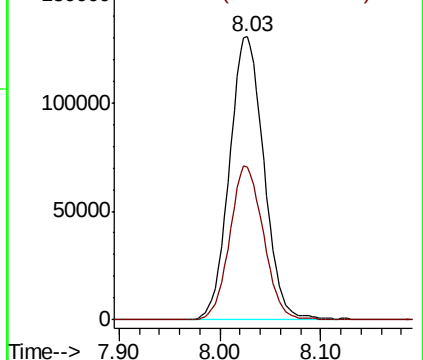
65 100

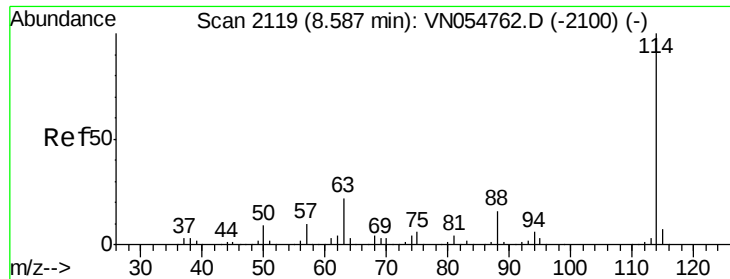
67 53.3 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VN054762.D (-1926) (-)

Ion 66.90 (66.60 to 67.60): VN054762.D (-1926) (-)

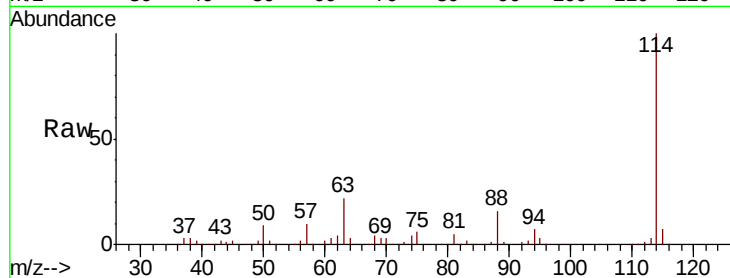




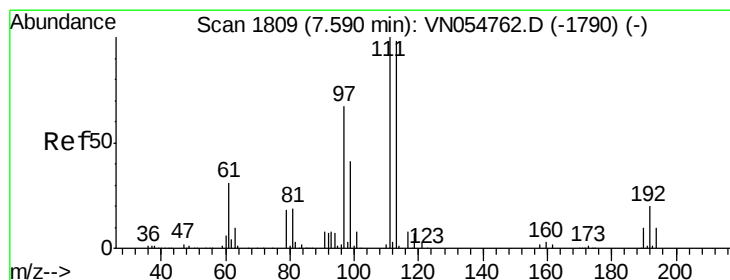
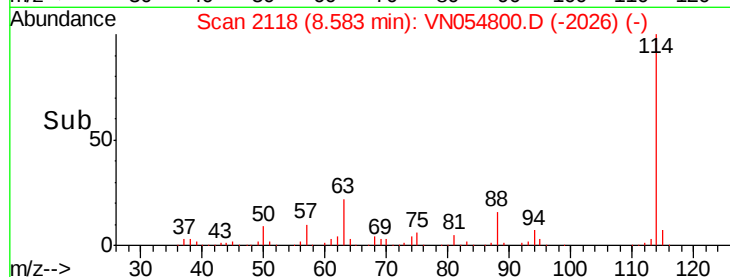
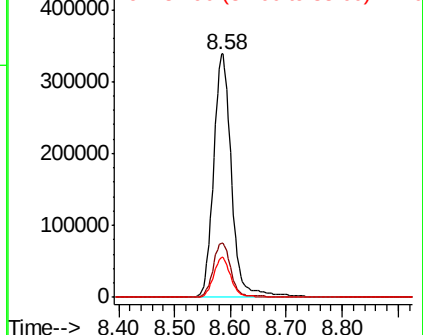
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.58 min Scan# 2119
Delta R.T. -0.00 min
Lab File: VN054800.D
Acq: 30 Mar 2019 14:13

Instrument :
MSVOA_N
ClientSampleId :
WP022SB442-190319-(14-16)ME

Tot Ion:114 Resp: 759483
Ion Ratio Lower Upper
114 100
63 22.5 0.0 35.2
88 16.3 0.0 30.2

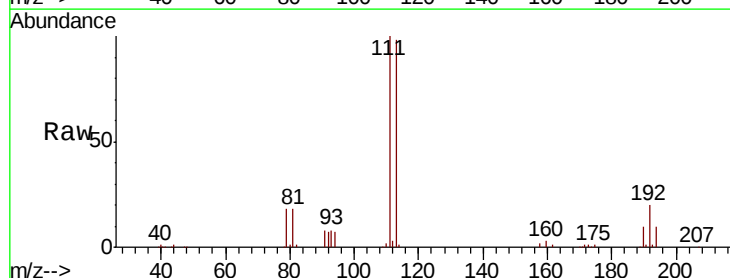


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

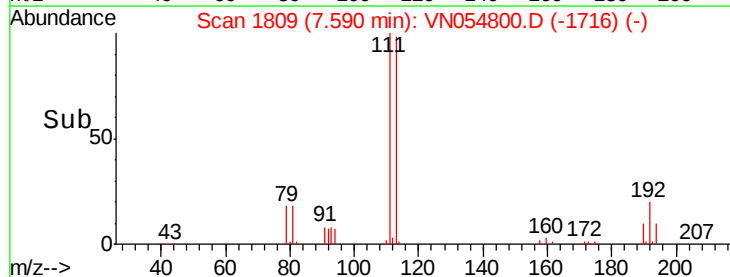
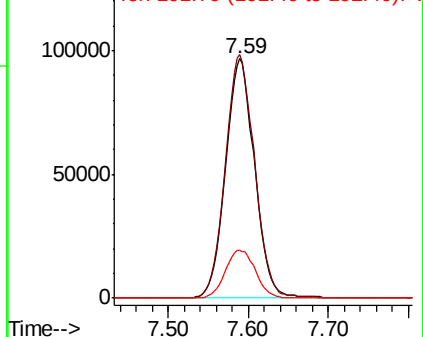


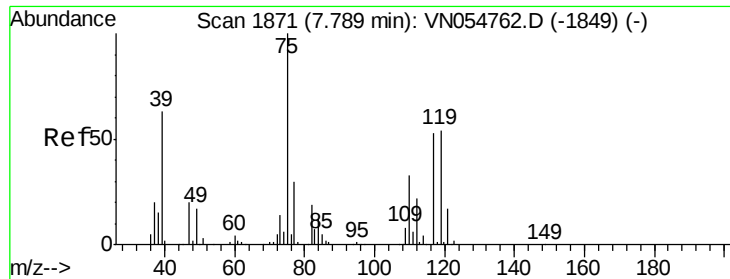
#35
Dibromofluoromethane
Concen: 47.194 ug/l
RT: 7.59 min Scan# 1809
Delta R.T. -0.00 min
Lab File: VN054800.D
Acq: 30 Mar 2019 14:13

Tgt Ion:113 Resp: 238962
Ion Ratio Lower Upper
113 100
111 102.1 82.2 123.4
192 20.9 19.2 28.8



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





#36

1,1-Dichloropropene

Concen: 5.058 ug/l

RT: 7.66 min Scan# 1831

Delta R.T. -0.13 min

Lab File: VN054800.D

Acq: 30 Mar 2019 14:13

Instrument :

MSVOA_N

ClientSampleId :

WP022SB442-190319-(14-16)ME

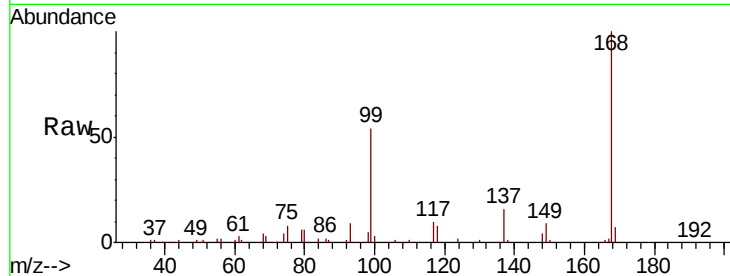
Tot Ion: 75 Resp: 35793

Ion Ratio Lower Upper

75 100

110 2.6 19.1 57.5#

77 0.0 25.0 37.4#

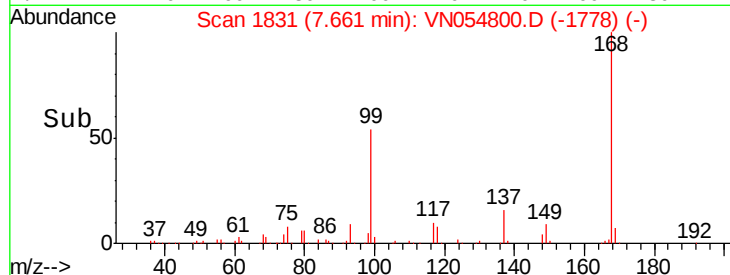


Abundance Ion 74.90 (74.60 to 75.60): VN054762.D (-1849) (-)

Ion 109.90 (109.60 to 110.60): VN054762.D (-1849) (-)

Ion 76.90 (76.60 to 77.60): VN054762.D (-1849) (-)

Time-->

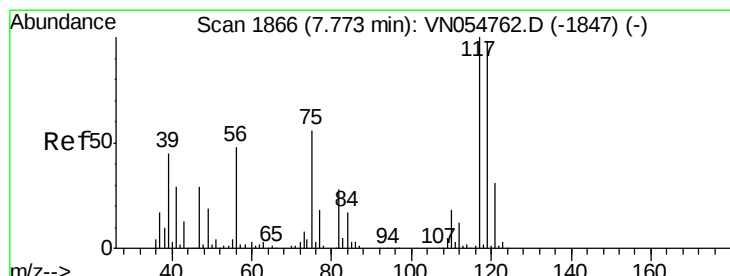


Abundance Ion 74.90 (74.60 to 75.60): VN054800.D (-1778) (-)

Ion 109.90 (109.60 to 110.60): VN054800.D (-1778) (-)

Ion 76.90 (76.60 to 77.60): VN054800.D (-1778) (-)

Time-->



#38

Carbon Tetrachloride

Concen: 6.486 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.11 min

Lab File: VN054800.D

Acq: 30 Mar 2019 14:13

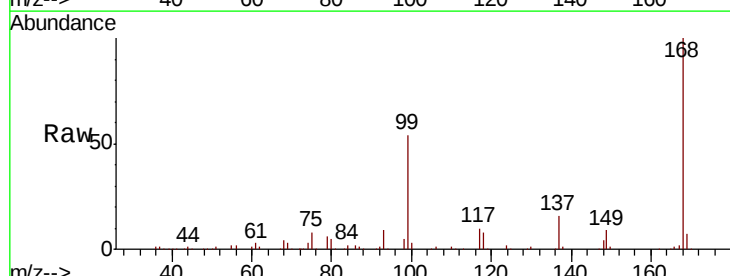
Tgt Ion: 117 Resp: 44583

Ion Ratio Lower Upper

117 100

119 4.7 76.3 114.5#

121 0.0 24.6 36.8#

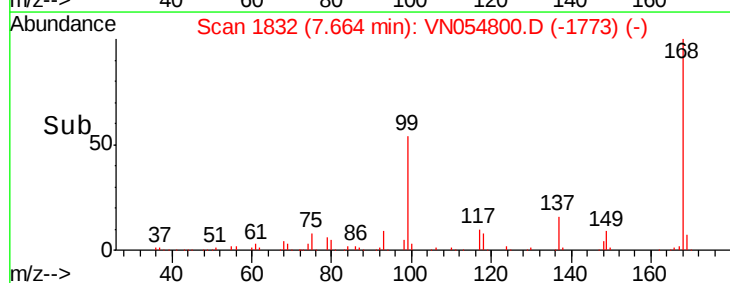


Abundance Ion 116.80 (116.50 to 117.50): VN054762.D (-1847) (-)

Ion 118.80 (118.50 to 119.50): VN054762.D (-1847) (-)

Ion 120.80 (120.50 to 121.50): VN054762.D (-1847) (-)

Time-->

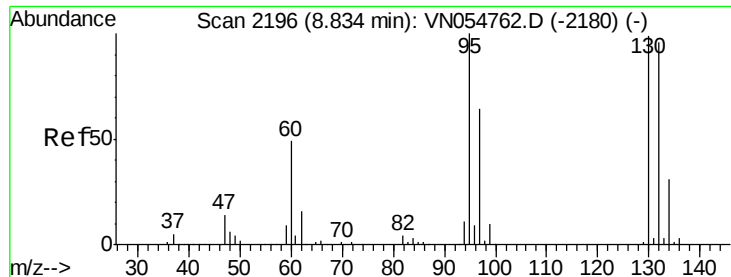


Abundance Ion 116.80 (116.50 to 117.50): VN054800.D (-1773) (-)

Ion 118.80 (118.50 to 119.50): VN054800.D (-1773) (-)

Ion 120.80 (120.50 to 121.50): VN054800.D (-1773) (-)

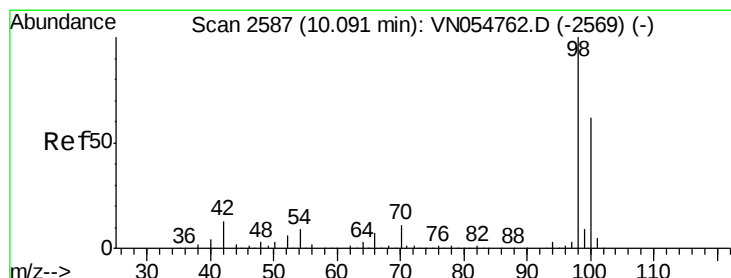
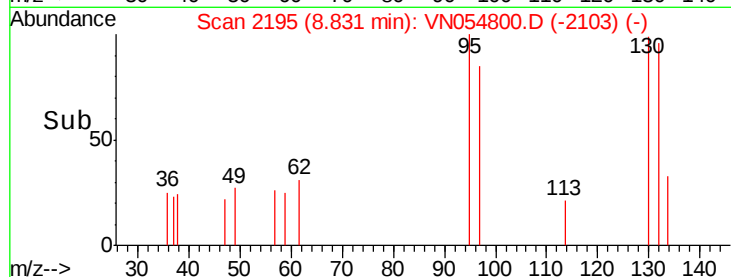
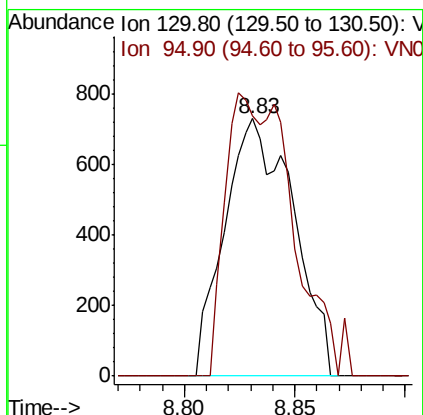
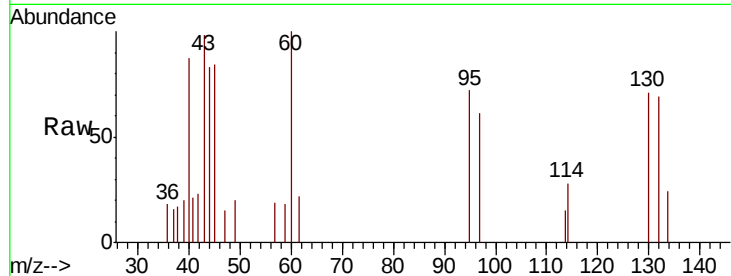
Time-->



#44
 Trichloroethene
 Concen: 0.301 ug/l
 RT: 8.83 min Scan# 2195
 Delta R.T. -0.00 min
 Lab File: VN054800.D
 Acq: 30 Mar 2019 14:13

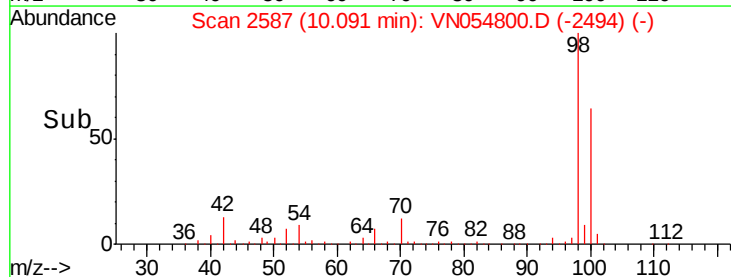
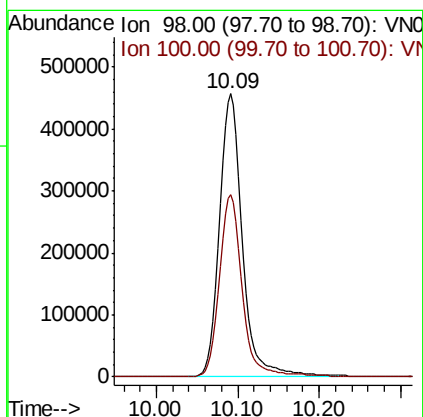
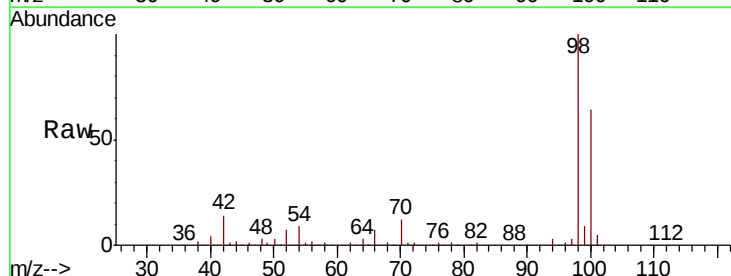
Instrument :
 MSVOA_N
 ClientSampleId :
 WP022SB442-190319-(14-16)ME

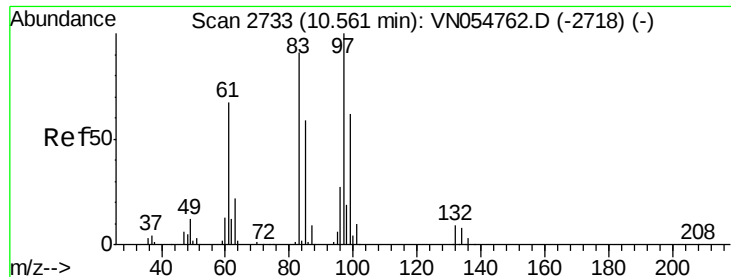
Tot Ion:130 Resp: 1580
 Ion Ratio Lower Upper
 130 100
 95 101.1 0.0 185.2



#50
 Toluene-d8
 Concen: 48.533 ug/l
 RT: 10.09 min Scan# 2587
 Delta R.T. -0.00 min
 Lab File: VN054800.D
 Acq: 30 Mar 2019 14:13

Tgt Ion: 98 Resp: 913615
 Ion Ratio Lower Upper
 98 100
 100 64.3 51.2 76.8

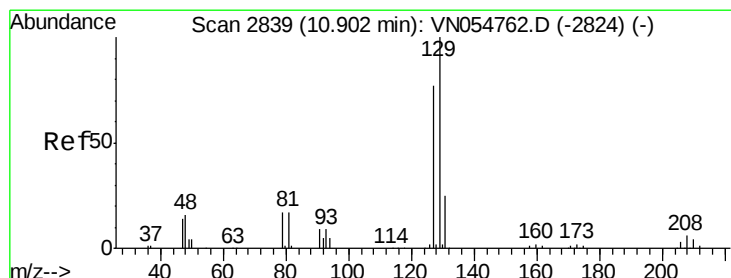
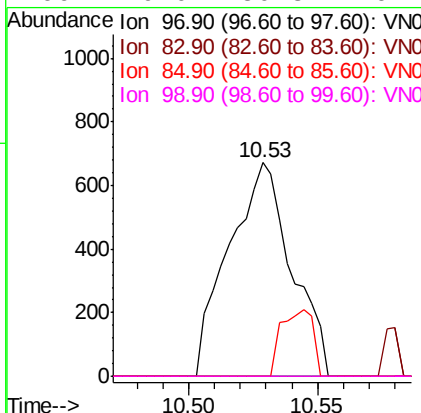
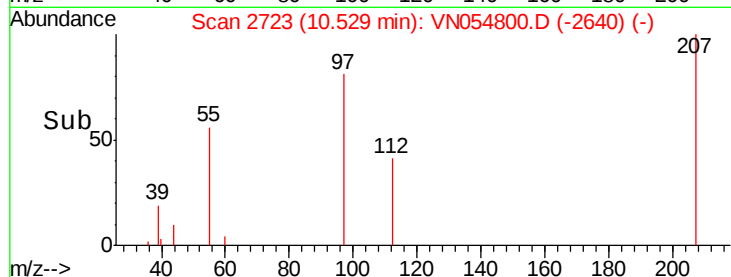
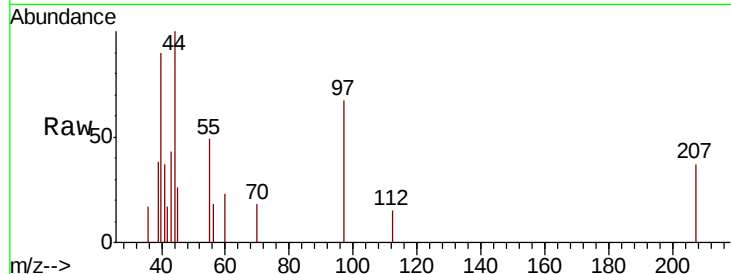




#55
 1,1,2-Trichloroethane
 Concen: 0.254 ug/l
 RT: 10.53 min Scan# 2723
 Delta R.T. -0.03 min
 Lab File: VN054800.D
 Acq: 30 Mar 2019 14:13

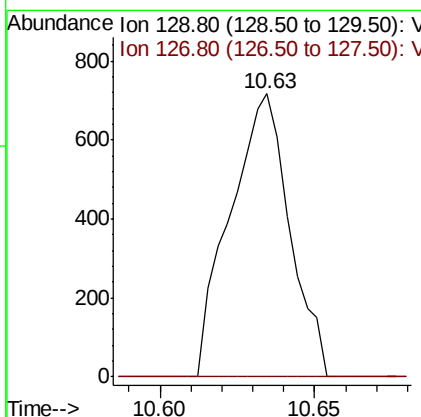
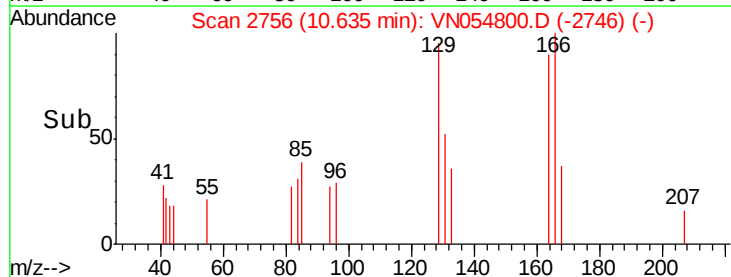
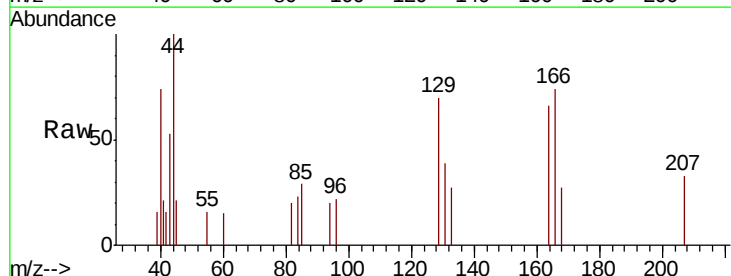
Instrument :
 MSVOA_N
 ClientSampleId :
 WP022SB442-190319-(14-16)ME

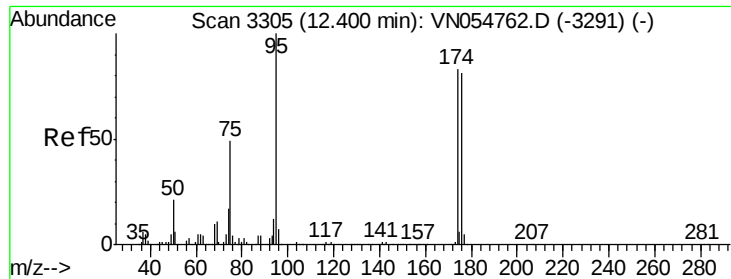
Tot Ion: 97 Resp: 1137
 Ion Ratio Lower Upper
 97 100
 83 0.0 66.6 100.0#
 85 0.0 44.4 66.6#
 99 0.0 50.8 76.2#



#60
 Dibromochloromethane
 Concen: 0.211 ug/l
 RT: 10.63 min Scan# 2756
 Delta R.T. -0.27 min
 Lab File: VN054800.D
 Acq: 30 Mar 2019 14:13

Tgt Ion: 129 Resp: 959
 Ion Ratio Lower Upper
 129 100
 127 0.0 38.6 115.8#





#62

4-Bromofluorobenzene

Concen: 47.885 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN054800.D

Acq: 30 Mar 2019 14:13

Instrument :

MSVOA_N

ClientSampleId :

WP022SB442-190319-(14-16)ME

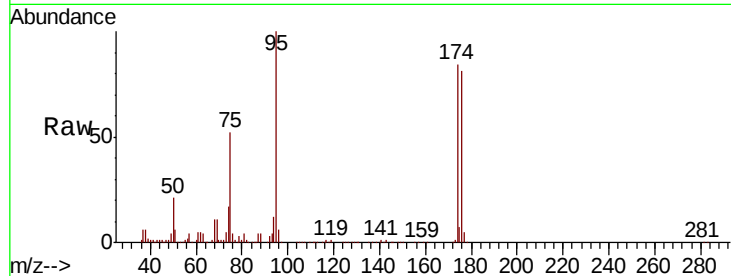
Tot Ion: 95 Resp: 299791

Ion Ratio Lower Upper

95 100

174 83.4 0.0 191.0

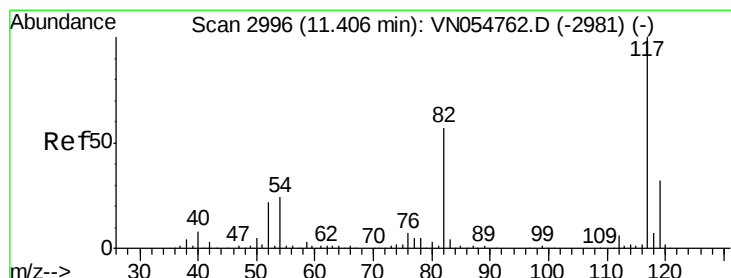
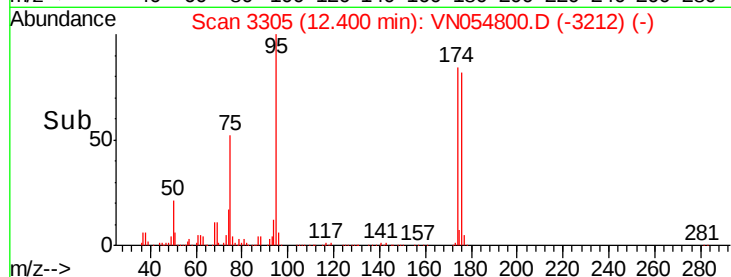
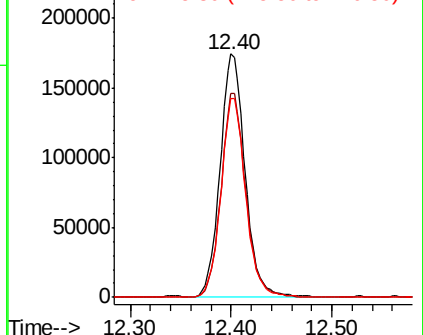
176 81.3 0.0 187.4



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN0

Ion 175.80 (175.50 to 176.50): VN0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN054800.D

Acq: 30 Mar 2019 14:13

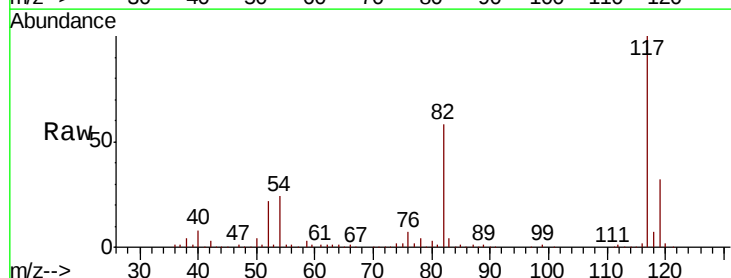
Tgt Ion: 117 Resp: 656945

Ion Ratio Lower Upper

117 100

82 57.8 40.0 60.0

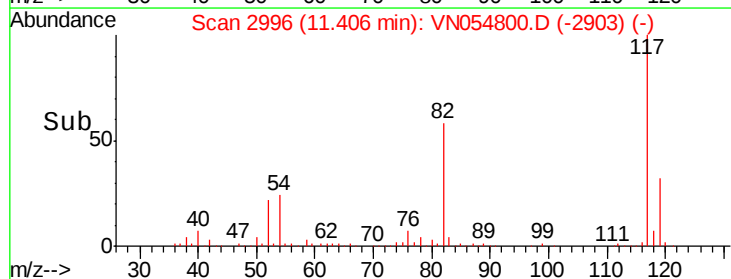
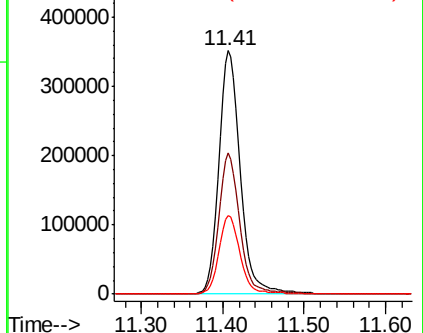
119 32.3 25.8 38.6

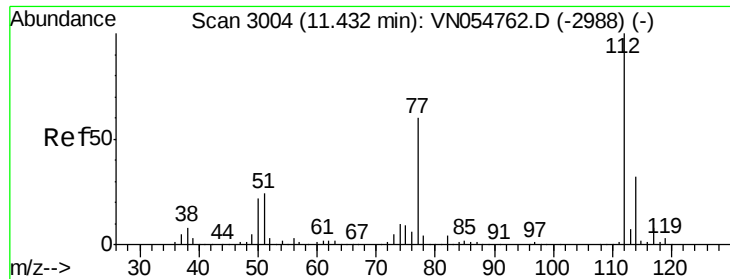


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0

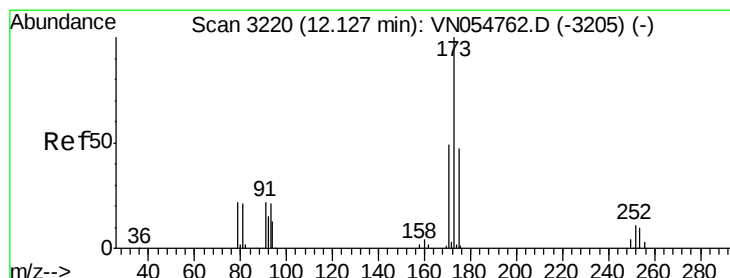
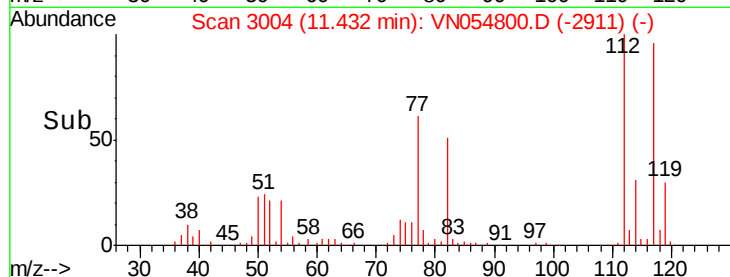
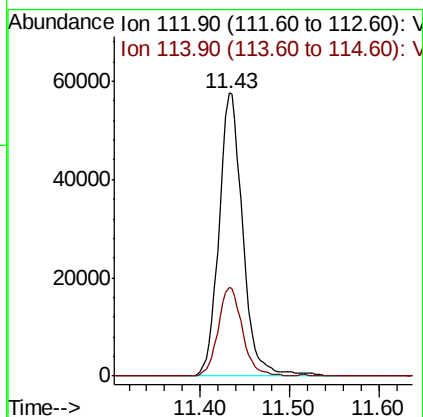
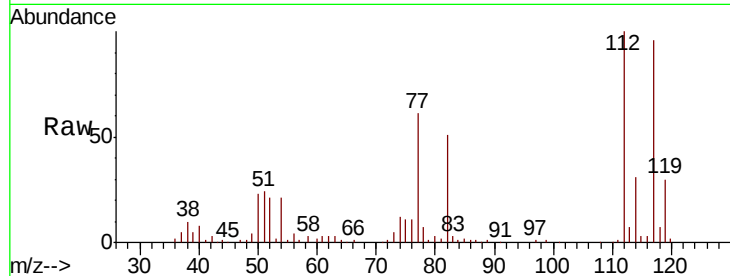




#65
Chlorobenzene
Concen: 8.274 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. -0.00 min
Lab File: VN054800.D
Acq: 30 Mar 2019 14:13

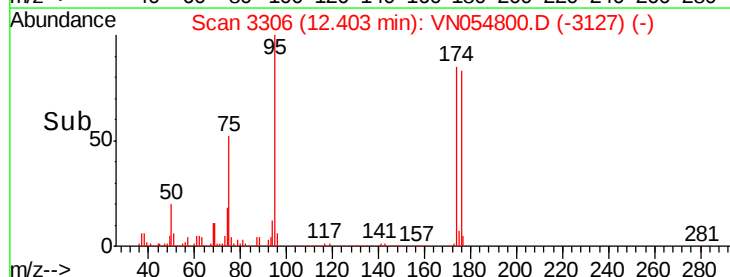
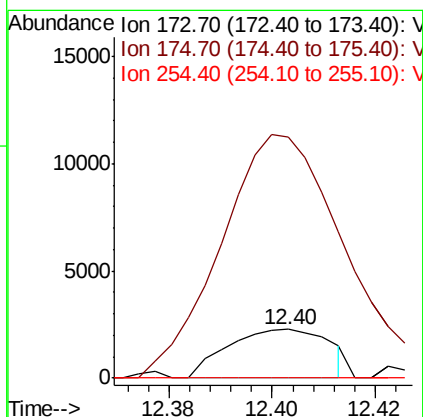
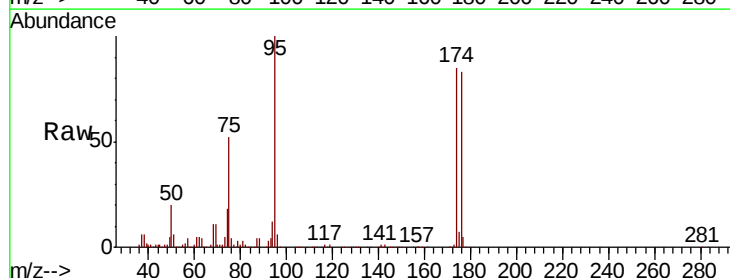
Instrument :
MSVOA_N
ClientSampleId :
WP022SB442-190319-(14-16)ME

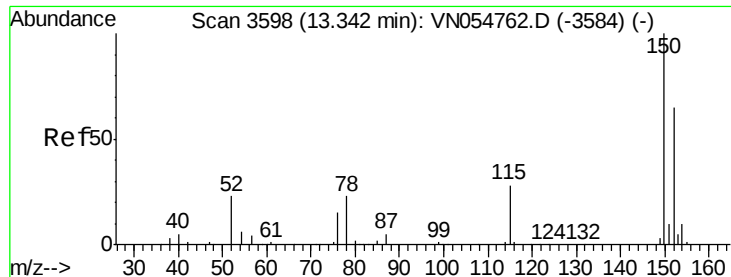
Tot Ion:112 Resp: 106420
Ion Ratio Lower Upper
112 100
114 31.5 25.9 38.9



#71
Bromoform
Concen: 1.101 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.28 min
Lab File: VN054800.D
Acq: 30 Mar 2019 14:13

Tgt Ion:173 Resp: 3104
Ion Ratio Lower Upper
173 100
175 517.2 24.4 73.2#
254 0.0 0.1 0.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN054800.D

Acq: 30 Mar 2019 14:13

Instrument :

MSVOA_N

ClientSampleId :

WP022SB442-190319-(14-16)ME

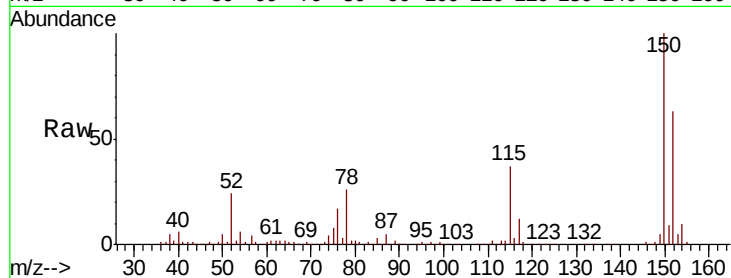
Tot Ion:152 Resp: 257631

Ion Ratio Lower Upper

152 100

115 57.8 27.2 81.6

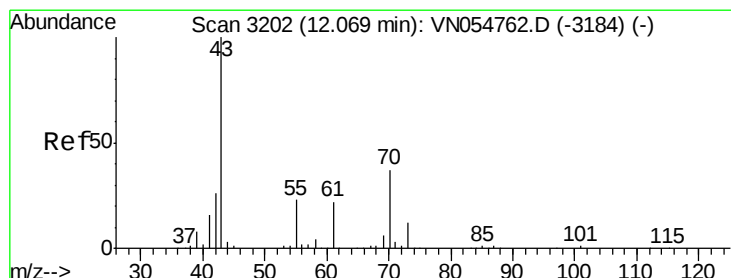
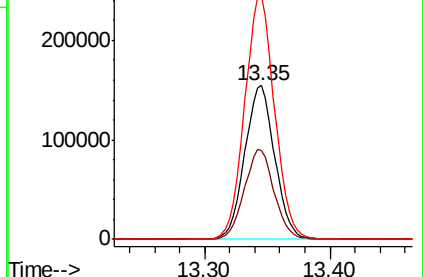
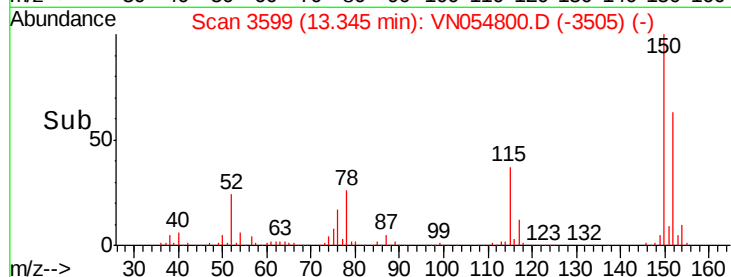
150 157.2 0.0 349.2



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



#74

N-ethyl acetate

Concen: 0.826 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. -0.02 min

Lab File: VN054800.D

Acq: 30 Mar 2019 14:13

Tgt Ion: 43 Resp: 5417

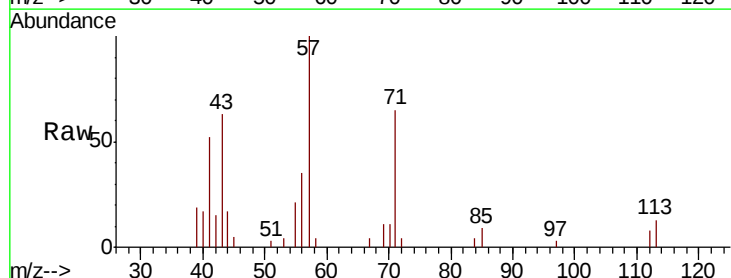
Ion Ratio Lower Upper

43 100

70 19.5 35.4 53.0#

55 13.4 19.8 29.6#

61 0.0 19.8 29.6#

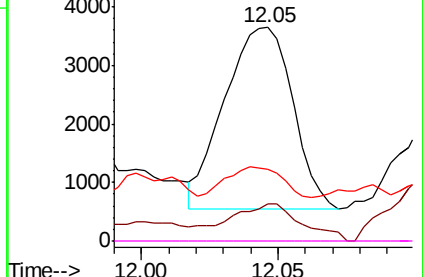
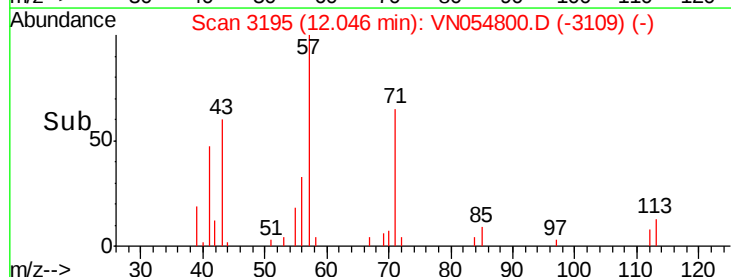


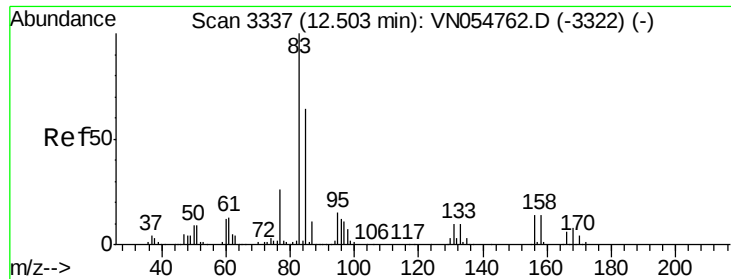
Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0





#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.51 min Scan# 3338

Delta R.T. 0.00 min

Lab File: VN054800.D

Acq: 30 Mar 2019 14:13

Instrument :

MSVOA_N

ClientSampleId :

WP022SB442-190319-(14-16)ME

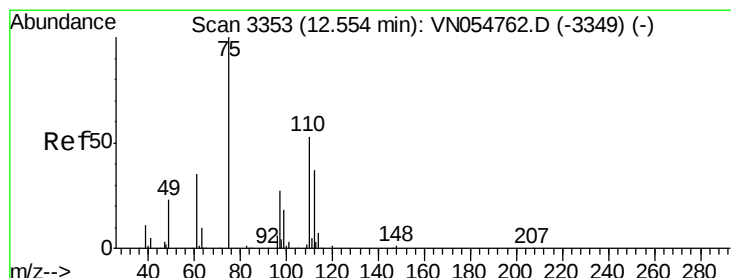
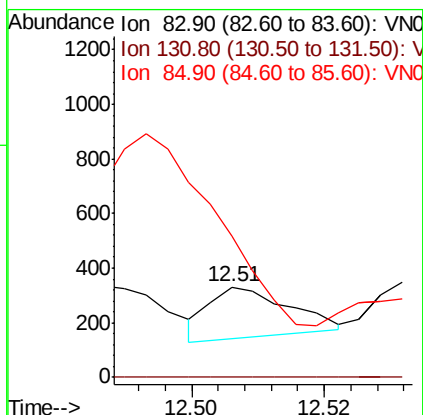
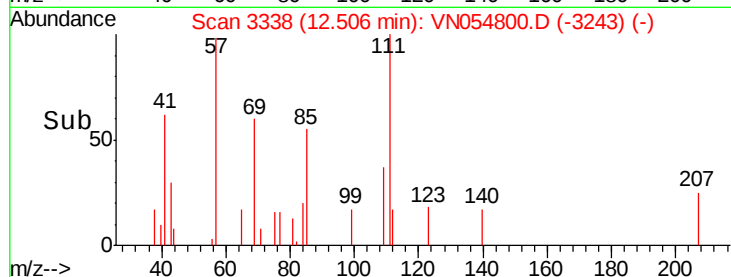
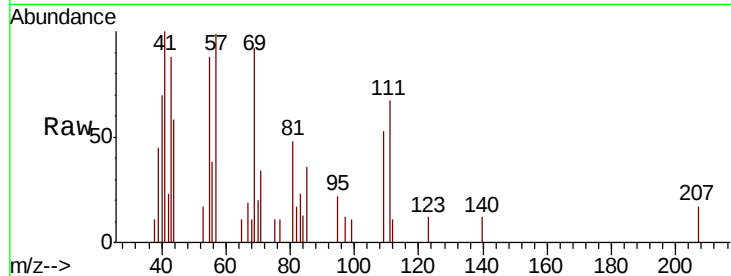
Tot Ion: 83 Resp: 156

Ion Ratio Lower Upper

83 100

131 0.0 5.8 17.4#

85 0.0 32.2 96.6#



#76

1,2,3-Trichloropropane

Concen: 35.105 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN054800.D

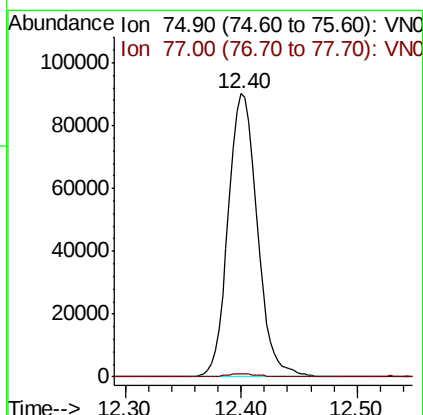
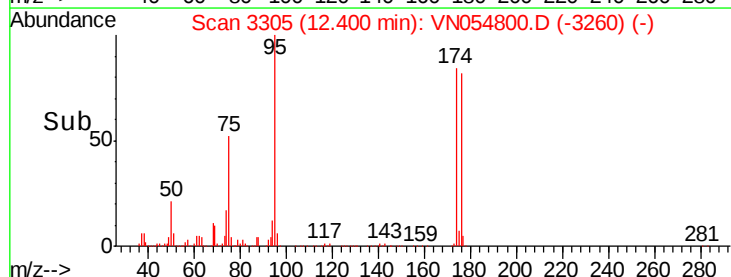
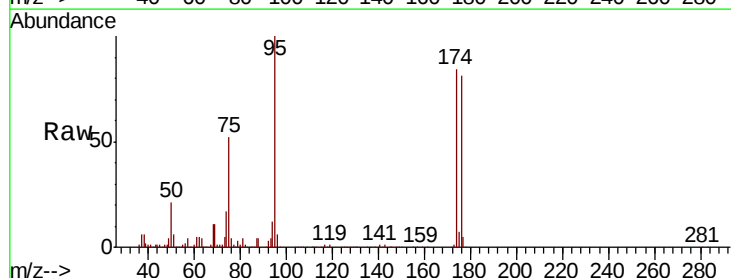
Acq: 30 Mar 2019 14:13

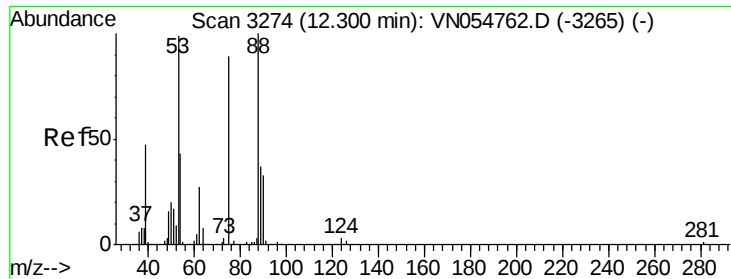
Tgt Ion: 75 Resp: 157119

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#

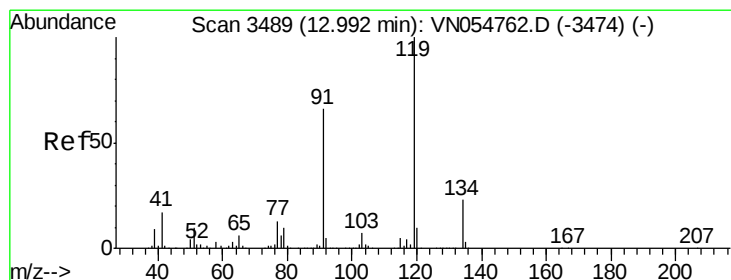
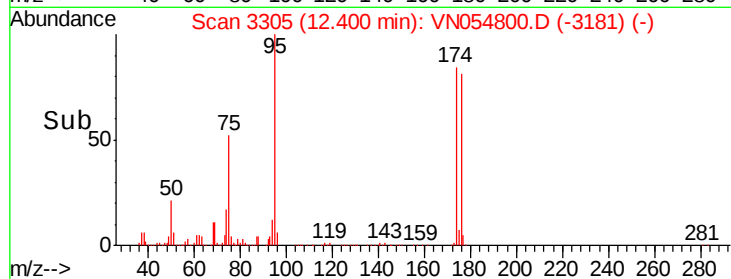
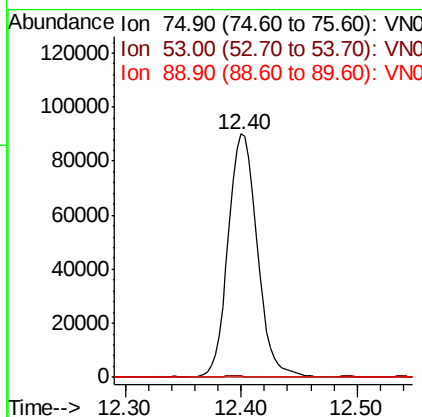
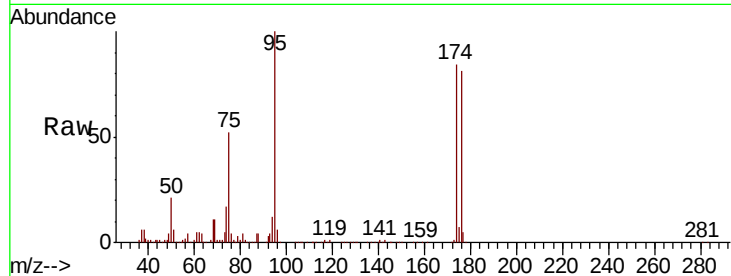




#81
trans-1,4-Dichloro-2-butene
Concen: 136.551 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.10 min
Lab File: VN054800.D
Acq: 30 Mar 2019 14:13

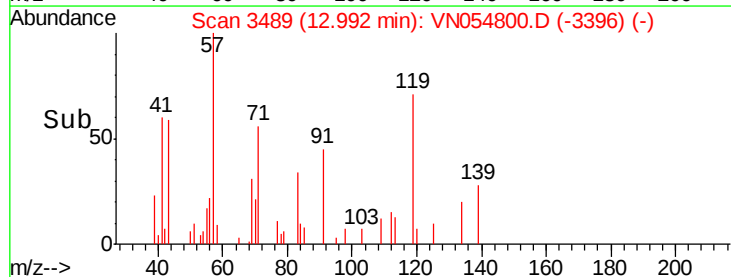
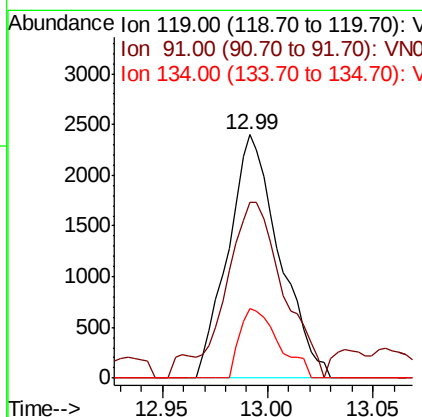
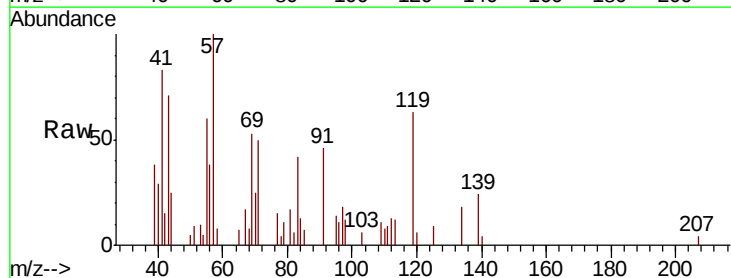
Instrument :
MSVOA_N
ClientSampleId :
WP022SB442-190319-(14-16)ME

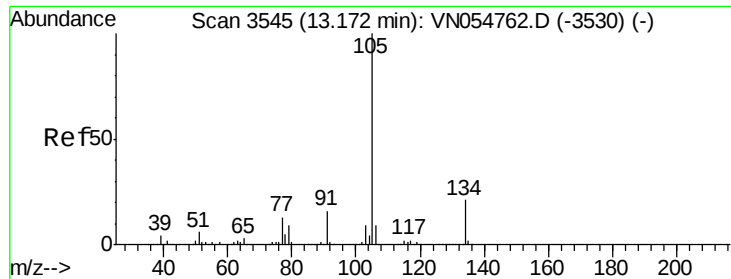
Tot Ion: 75 Resp: 157119
Ion Ratio Lower Upper
75 100
53 0.4 76.2 114.2#
89 0.0 39.2 58.8#



#83
tert-Butylbenzene
Concen: Below Cal
RT: 12.99 min Scan# 3489
Delta R.T. 0.00 min
Lab File: VN054800.D
Acq: 30 Mar 2019 14:13

Tgt Ion: 119 Resp: 4051
Ion Ratio Lower Upper
119 100
91 78.2 30.9 92.8
134 21.5 13.2 39.6





#85

sec-Butylbenzene

Concen: 0.290 ug/l

RT: 13.17 min Scan# 3544

Delta R.T. -0.00 min

Lab File: VN054800.D

Acq: 30 Mar 2019 14:13

Instrument :

MSVOA_N

ClientSampleId :

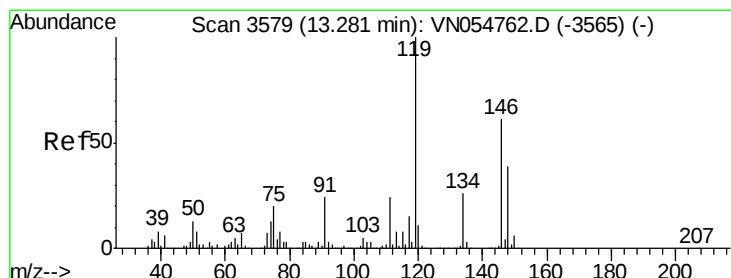
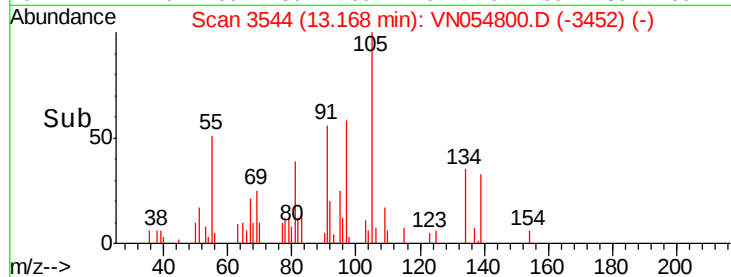
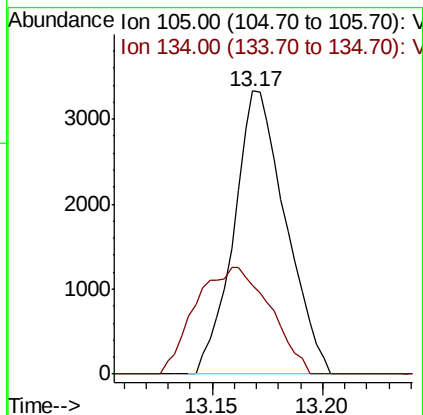
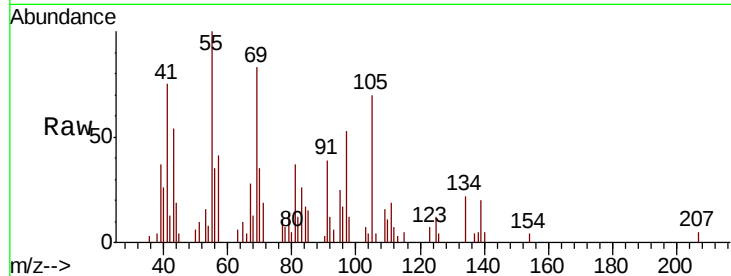
WP022SB442-190319-(14-16)ME

Tot Ion:105 Resp: 5440

Ion Ratio Lower Upper

105 100

134 54.2 10.7 32.1#



#87

1,3-Dichlorobenzene

Concen: 1.076 ug/l

RT: 13.28 min Scan# 3579

Delta R.T. -0.00 min

Lab File: VN054800.D

Acq: 30 Mar 2019 14:13

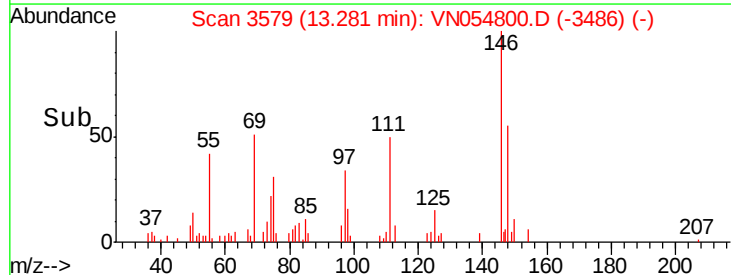
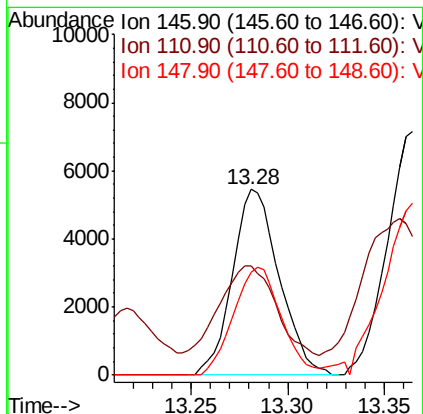
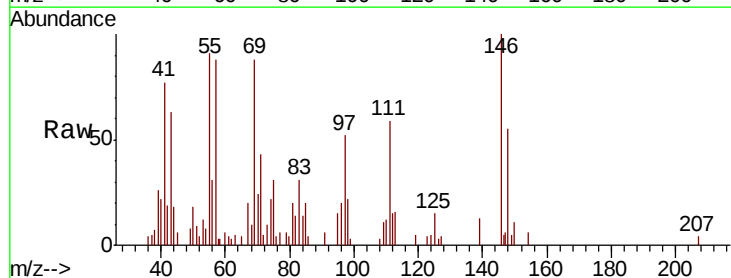
Tgt Ion:146 Resp: 9157

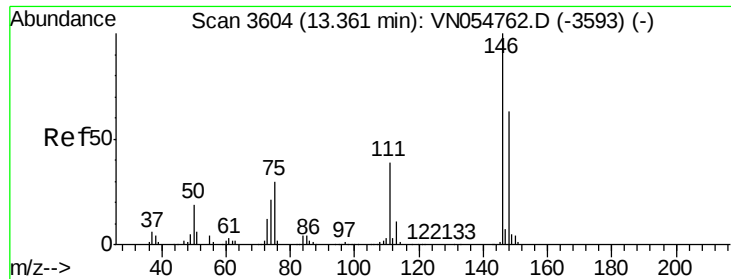
Ion Ratio Lower Upper

146 100

111 57.7 18.8 56.3#

148 59.2 32.2 96.6





#88

1,4-Dichlorobenzene

Concen: 1.436 ug/l

RT: 13.36 min Scan# 3605

Delta R.T. 0.00 min

Lab File: VN054800.D

Acq: 30 Mar 2019 14:13

Instrument :

MSVOA_N

ClientSampleId :

WP022SB442-190319-(14-16)ME

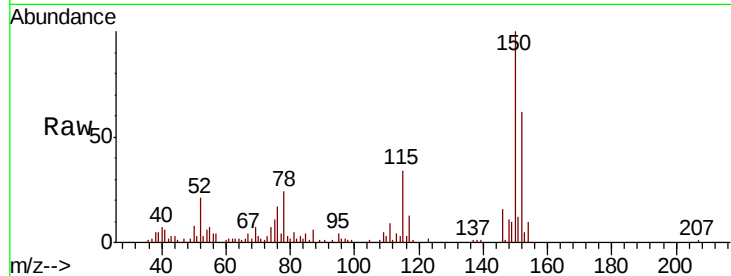
Tot Ion:146 Resp: 11986

Ion Ratio Lower Upper

146 100

111 82.9 18.1 54.1#

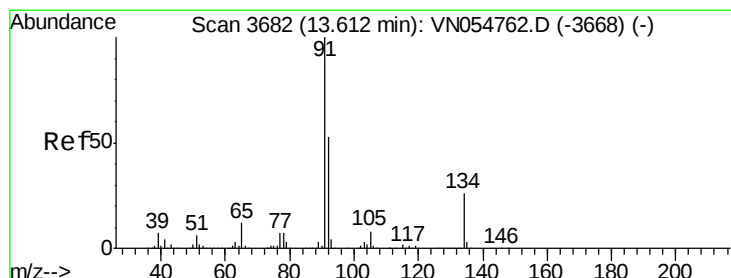
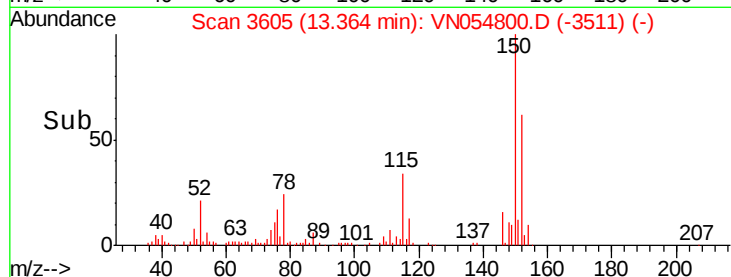
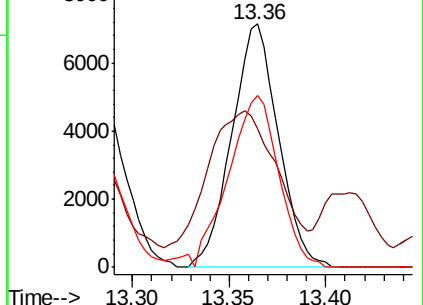
148 77.7 32.0 96.0



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



#89

n-Butylbenzene

Concen: 0.336 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. -0.00 min

Lab File: VN054800.D

Acq: 30 Mar 2019 14:13

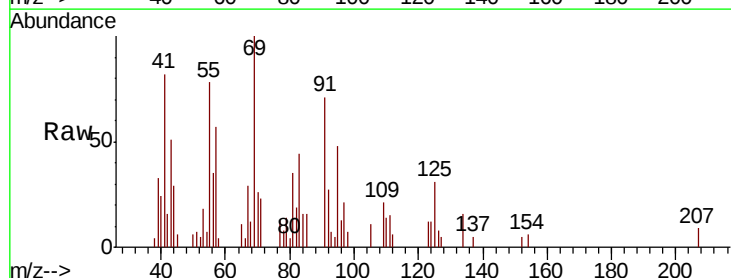
Tgt Ion: 91 Resp: 4534

Ion Ratio Lower Upper

91 100

92 42.2 26.2 78.6

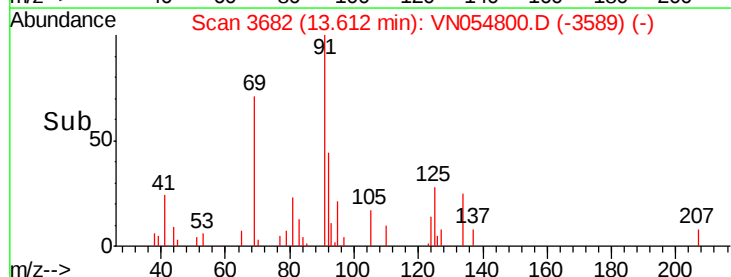
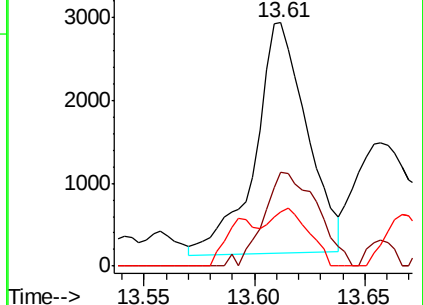
134 19.0 14.3 42.9

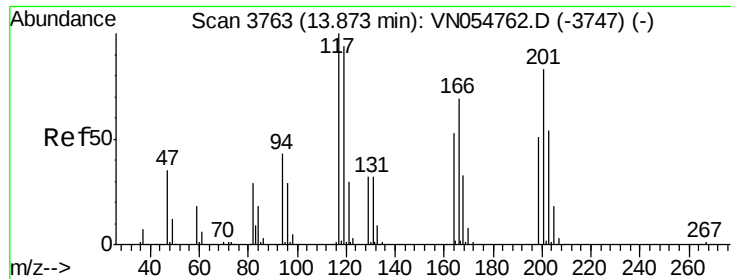


Abundance Ion 91.00 (90.70 to 91.70): V

Ion 92.00 (91.70 to 92.70): V

Ion 134.00 (133.70 to 134.70): V





#90

Hexachloroethane

Concen: 0.302 ug/l

RT: 13.89 min Scan# 3768

Delta R.T. 0.02 min

Lab File: VN054800.D

Acq: 30 Mar 2019 14:13

Instrument :

MSVOA_N

ClientSampleId :

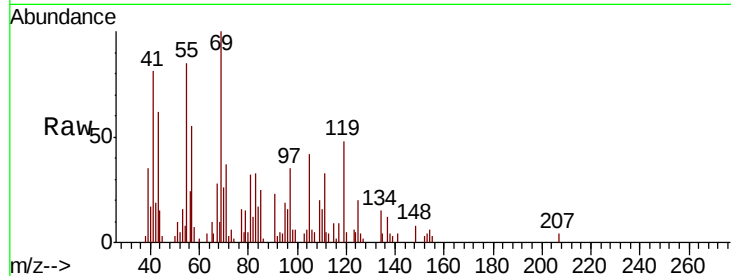
WP022SB442-190319-(14-16)ME

Tot Ion:117 Resp: 850

Ion Ratio Lower Upper

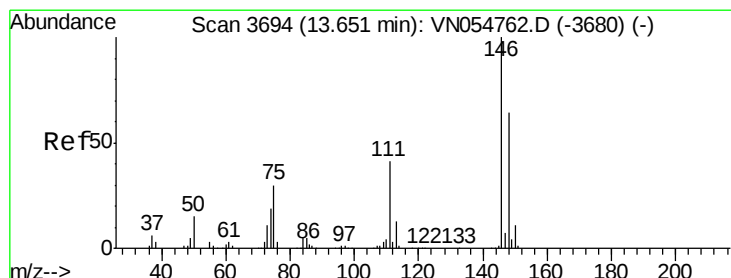
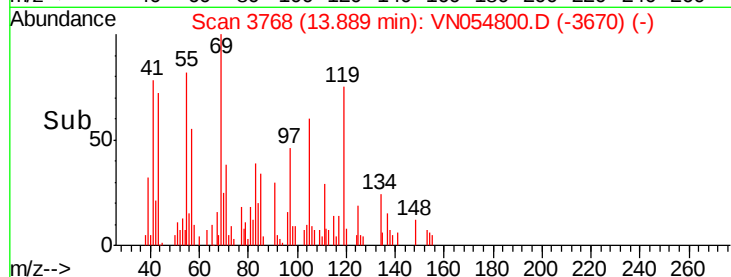
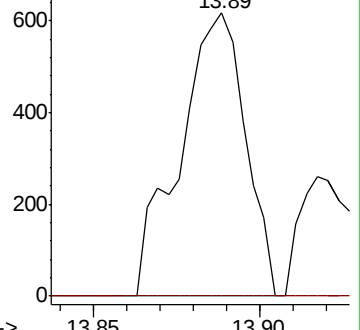
117 100

201 0.0 48.1 144.4#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#91

1,2-Dichlorobenzene

Concen: 0.666 ug/l

RT: 13.65 min Scan# 3695

Delta R.T. 0.00 min

Lab File: VN054800.D

Acq: 30 Mar 2019 14:13

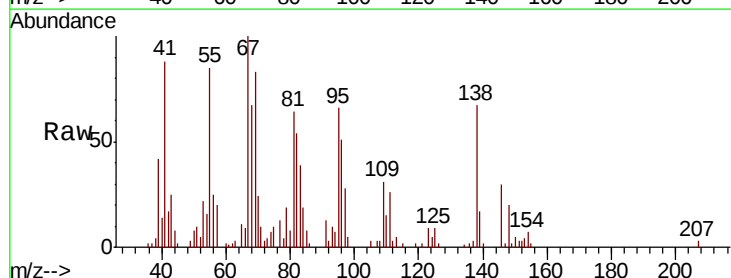
Tgt Ion:146 Resp: 5717

Ion Ratio Lower Upper

146 100

111 73.3 19.1 57.3#

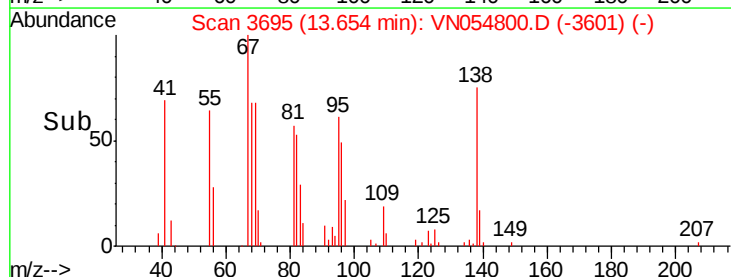
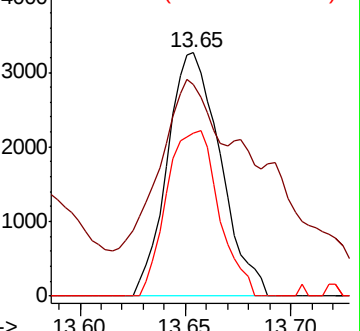
148 66.6 32.4 97.0

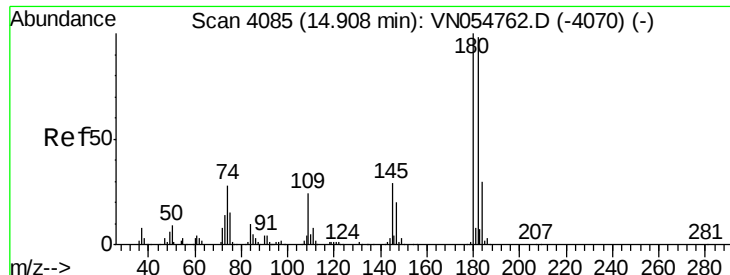


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

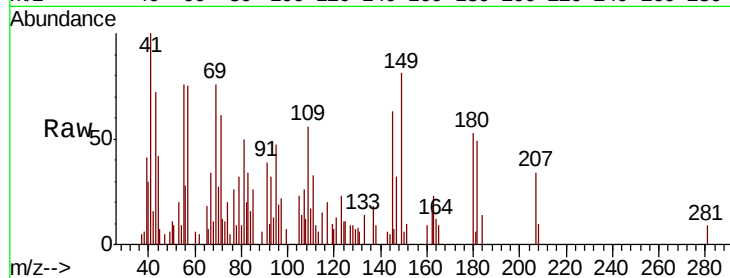




#93
 1,2,4-Trichlorobenzene
 Concen: 0.579 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. 0.00 min
 Lab File: VN054800.D
 Acq: 30 Mar 2019 14:13

Instrument :
 MSVOA_N
 ClientSampleId :
 WP022SB442-190319-(14-16)ME

Tot Ion:180 Resp: 2396
 Ion Ratio Lower Upper
 180 100
 182 95.7 48.0 144.2
 145 165.4 14.2 42.8#



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

