

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031419\
 Data File : VN054267.D
 Acq On : 14 Mar 2019 17:37
 Operator : JC/SP
 Sample : K1899-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-5A

Quant Time: Mar 15 06:55:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031219W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 13 03:33:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	1505887	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2436487	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2541188	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	1274031	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	746081	46.65	ug/l	0.00
Spiked Amount			Recovery	=	93.30%	
35) Dibromofluoromethane	7.59	113	743580	47.32	ug/l	0.00
Spiked Amount			Recovery	=	94.64%	
50) Toluene-d8	10.09	98	3016729	51.98	ug/l	0.00
Spiked Amount			Recovery	=	103.96%	
62) 4-Bromofluorobenzene	12.40	95	1170589	57.65	ug/l	0.00
Spiked Amount			Recovery	=	115.30%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.06	50	2782	0.201	ug/l	91
10) Methyl Iodide	3.95	142	2862	1.621	ug/l #	82
11) Tert butyl alcohol	4.82	59	1542	1.406	ug/l #	70
16) Acetone	3.82	43	24213	5.288	ug/l	92
17) Carbon Disulfide	4.05	76	8054	0.205	ug/l #	92
18) Methyl Acetate	4.33	43	3487	0.376	ug/l #	75
20) Methylene Chloride	4.54	84	3665	0.244	ug/l #	82
25) 2-Butanone	6.86	43	3924	0.730	ug/l #	86
28) Bromochloromethane	7.37	49	2478	0.236	ug/l #	4
30) Chloroform	7.37	83	33453	1.246	ug/l	97
31) Cyclohexane	7.67	56	22065	Below Cal	#	1
36) 1,1-Dichloropropene	7.66	75	84274	3.756	ug/l #	48
38) Carbon Tetrachloride	7.67	117	118572	5.039	ug/l #	15
40) Benzene	8.04	78	27122	0.422	ug/l	97
43) Isopropyl Acetate	8.27	43	14216	0.628	ug/l #	60
49) 1,4-Dioxane	8.96	88	33	0.203	ug/l #	27
52) Toluene	10.16	92	28555	0.701	ug/l	98
53) t-1,3-Dichloropropene	10.38	75	304	1.998	ug/l #	88
58) 2-Chloroethyl Vinyl ether	9.68	63	29	16.832	ug/l #	44
67) Ethyl Benzene	11.51	91	68051	0.736	ug/l	98
68) m/p-Xylenes	11.62	106	27336	0.756	ug/l	92
69) o-Xylene	11.95	106	18014	0.511	ug/l	99
71) Bromoform	12.13	173	180	2.362	ug/l #	28
73) Isopropylbenzene	12.25	105	21722	0.213	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	67952	3.627	ug/l #	100
77) Bromobenzene	12.55	156	3591387	133.151	ug/l #	1
80) 1,3,5-Trimethylbenzene	12.73	105	37565	0.443	ug/l	95
81) trans-1,4-Dichloro-2-buten	12.40	75	544123	99.281	ug/l #	11
84) 1,2,4-Trimethylbenzene	13.04	105	69543	0.836	ug/l	98
86) p-Isopropyltoluene	13.29	119	33096	0.373	ug/l	98
89) n-Butylbenzene	13.54	91	113789	1.687	ug/l #	41
90) Hexachloroethane	13.94	117	8464	0.576	ug/l #	2
92) 1,2-Dibromo-3-Chloropropan	14.50	75	188087	55.969	ug/l #	1
93) 1,2,4-Trichlorobenzene	14.90	180	1152	2.557	ug/l #	1

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Quant Title : SW846 8260
QLast Update : Wed Mar 13 03:33:31 2019
Response via : Initial Calibration

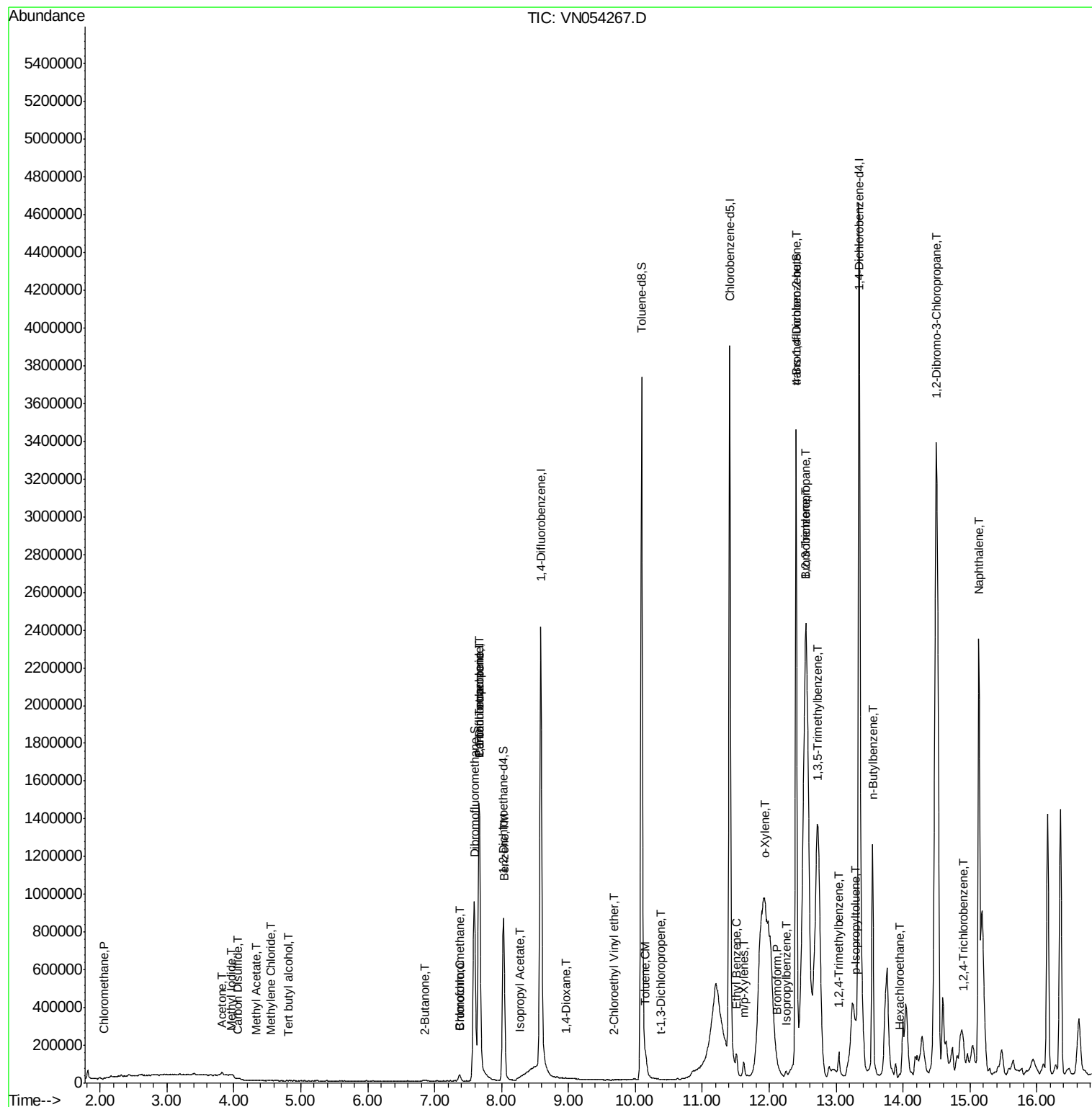
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	15.13	128	2086779	38.223	ug/l	100

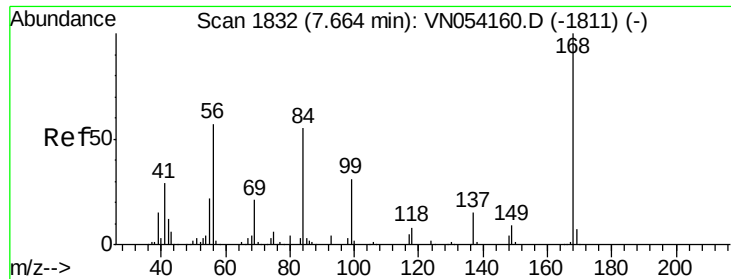
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN031419\
Data File : VN054267.D
Acq On : 14 Mar 2019 17:37
Operator : JC/SP
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN054267.D

Acq: 14 Mar 2019 17:37

Instrument :

MSVOA_N

ClientSampleId :

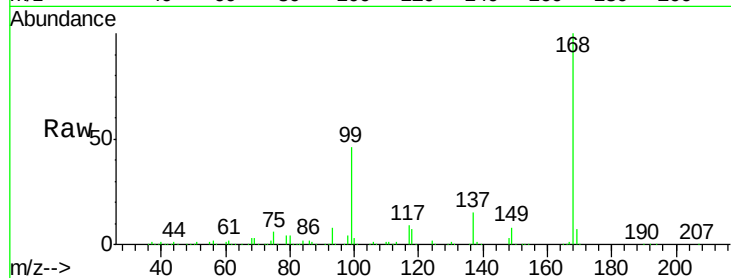
MW-5A

Tot Ion:168 Resp: 1505887

Ion Ratio Lower Upper

168 100

99 46.5 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.66

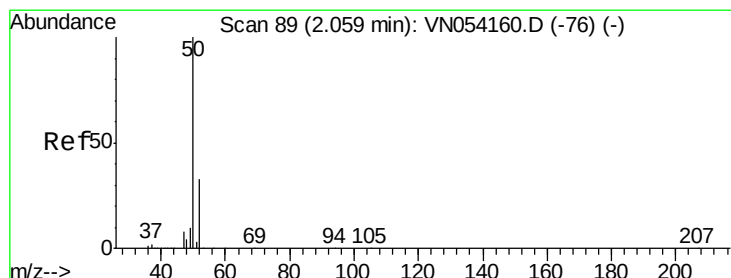
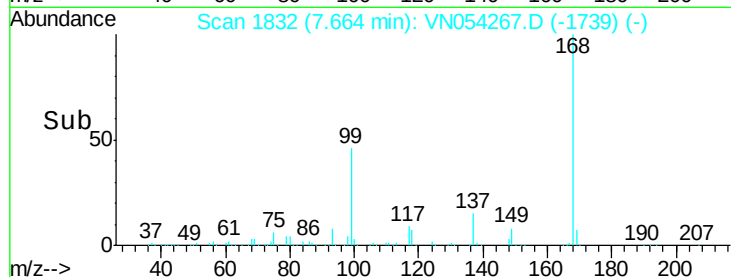
600000

400000

200000

0

Time-->



#3

Chloromethane

Concen: 0.201 ug/l

RT: 2.06 min Scan# 90

Delta R.T. 0.00 min

Lab File: VN054267.D

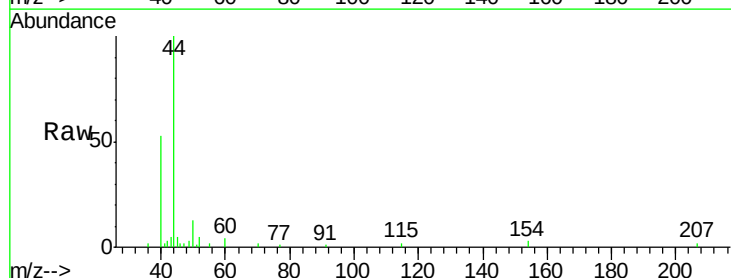
Acq: 14 Mar 2019 17:37

Tgt Ion: 50 Resp: 2782

Ion Ratio Lower Upper

50 100

52 38.0 26.4 39.6



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO

2.06

2000

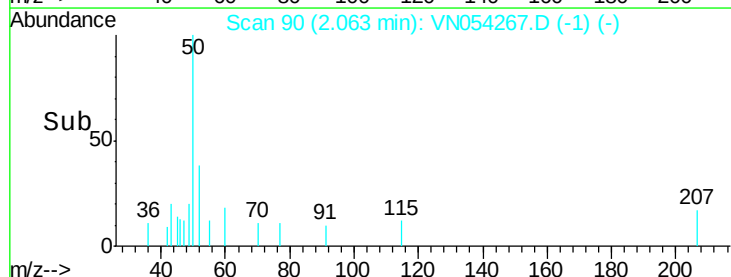
1500

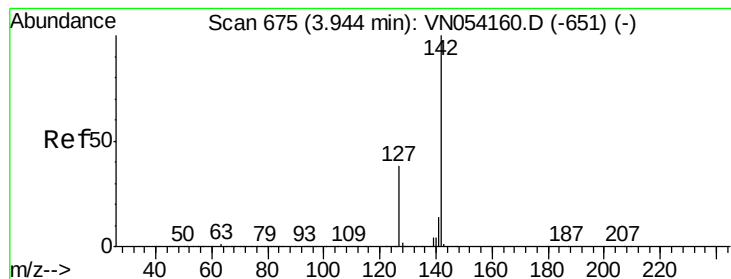
1000

500

0

Time-->





#10

Methvl Iodide

Concen: 1.621 ug/l

RT: 3.95 min Scan# 676

Delta R.T. 0.00 min

Lab File: VN054267.D

Acq: 14 Mar 2019 17:37

Instrument :

MSVOA_N

ClientSampled :

MW-5A

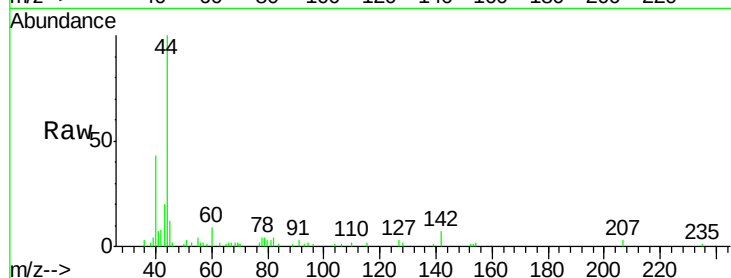
Tot Ion:142 Resp: 2862

Ion Ratio Lower Upper

142 100

127 29.8 30.3 45.5#

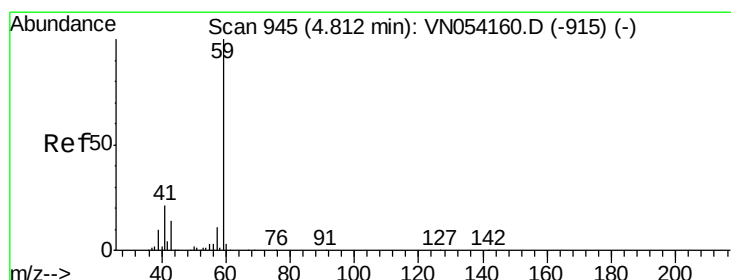
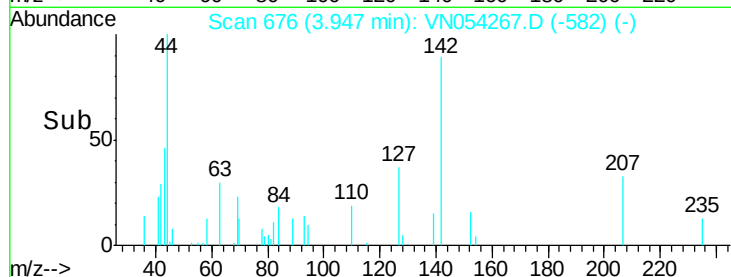
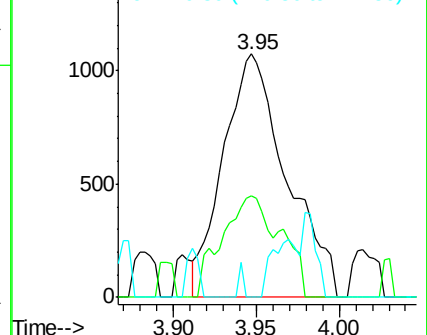
141 1.0 11.2 16.8#



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



#11

Tert butyl alcohol

Concen: 1.406 ug/l

RT: 4.82 min Scan# 946

Delta R.T. 0.00 min

Lab File: VN054267.D

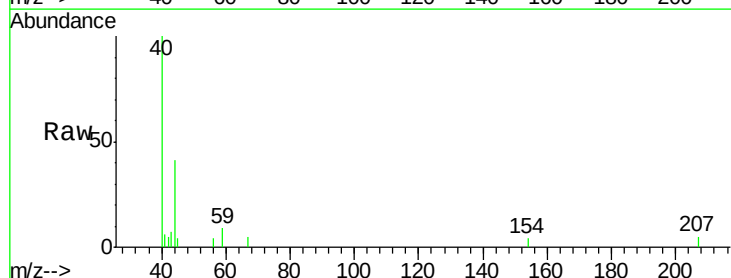
Acq: 14 Mar 2019 17:37

Tgt Ion: 59 Resp: 1542

Ion Ratio Lower Upper

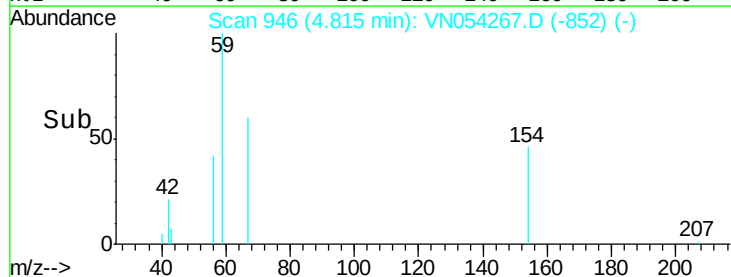
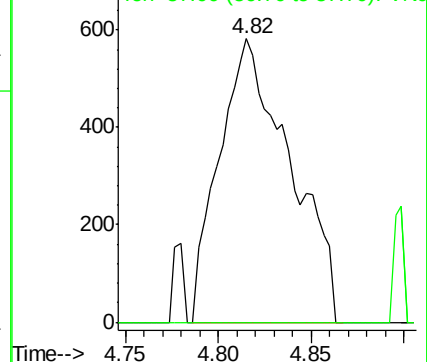
59 100

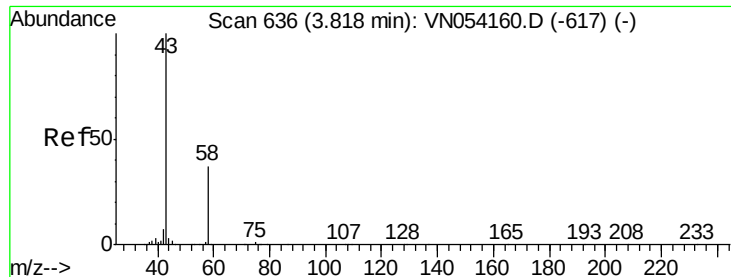
57 0.0 9.0 13.6#



Abundance Ion 59.00 (58.70 to 59.70): V

Ion 57.00 (56.70 to 57.70): V





#16

Acetone

Concen: 5.288 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN054267.D

Acq: 14 Mar 2019 17:37

Instrument :

MSVOA_N

ClientSampled :

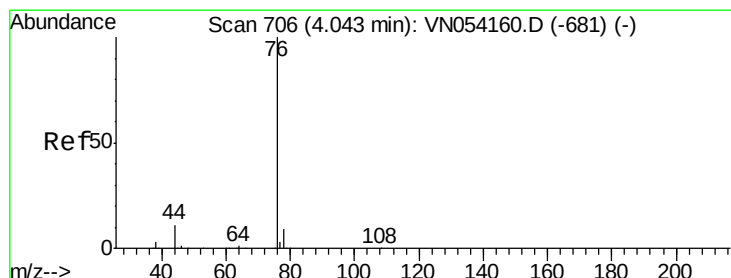
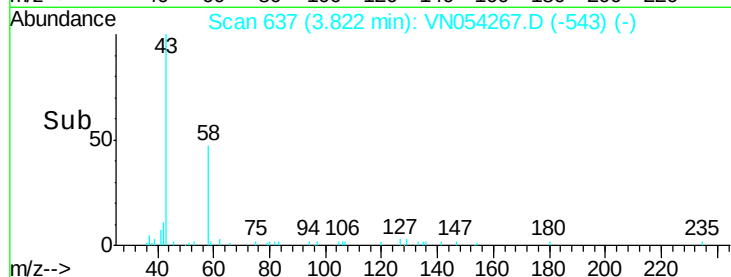
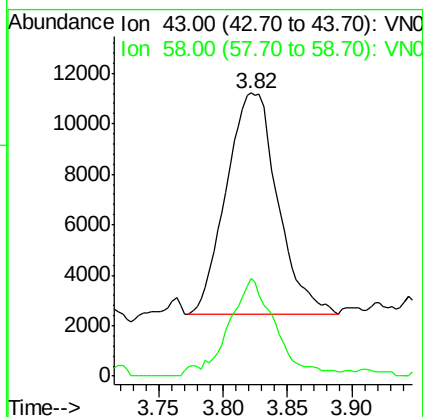
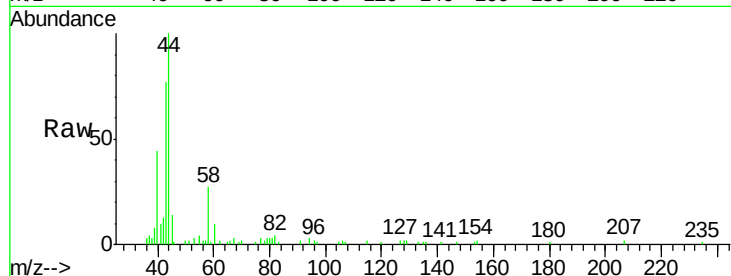
MW-5A

Tot Ion: 43 Resp: 24213

Ion Ratio Lower Upper

43 100

58 42.0 29.9 44.9



#17

Carbon Disulfide

Concen: 0.205 ug/l

RT: 4.05 min Scan# 707

Delta R.T. 0.00 min

Lab File: VN054267.D

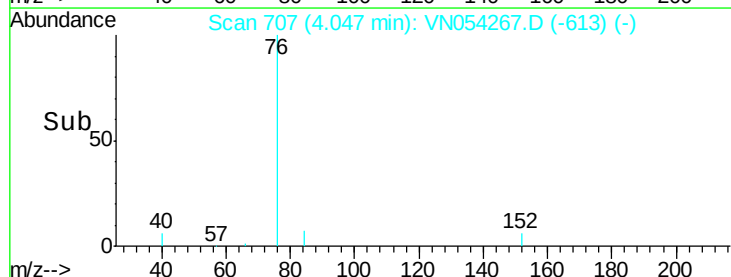
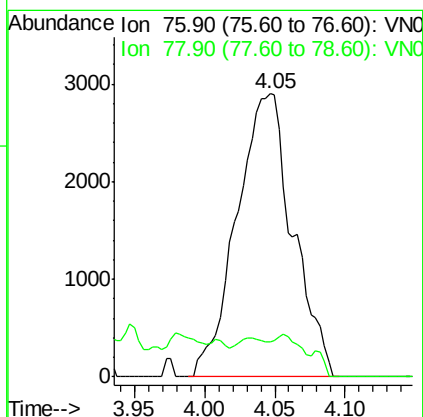
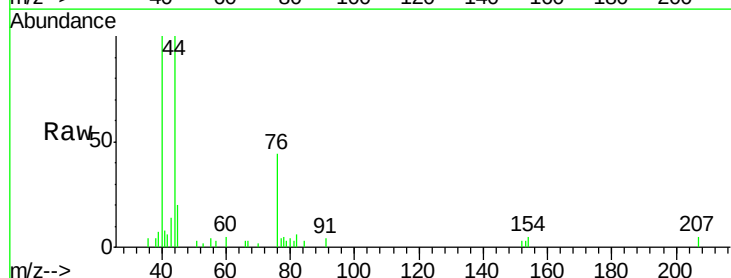
Acq: 14 Mar 2019 17:37

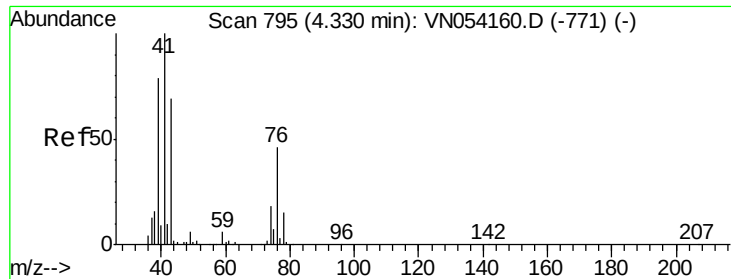
Tgt Ion: 76 Resp: 8054

Ion Ratio Lower Upper

76 100

78 12.5 7.5 11.3#

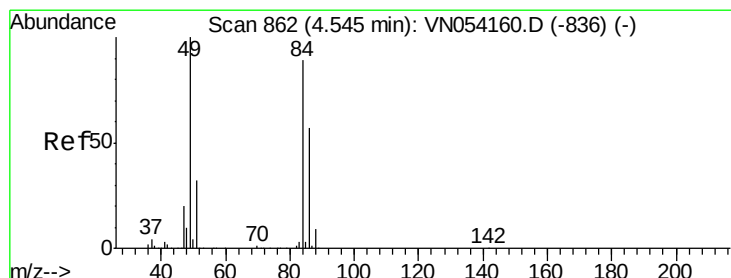
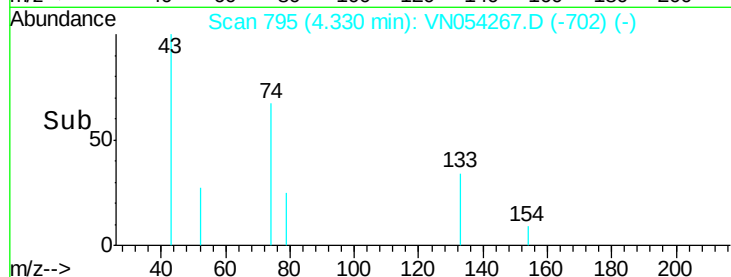
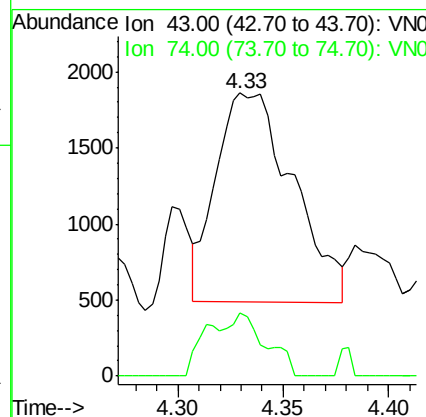
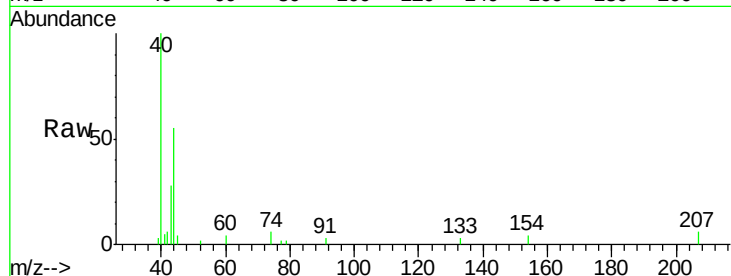




#18
Methyl Acetate
Concen: 0.376 ug/l
RT: 4.33 min Scan# 795
Delta R.T. 0.00 min
Lab File: VN054267.D
Acq: 14 Mar 2019 17:37

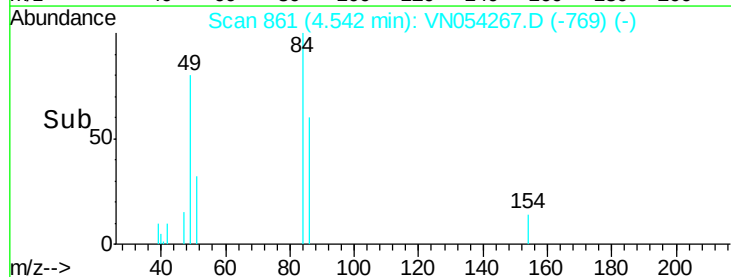
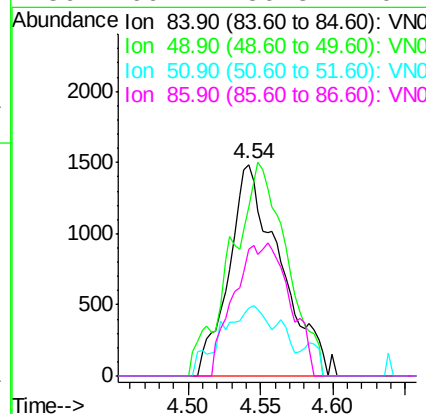
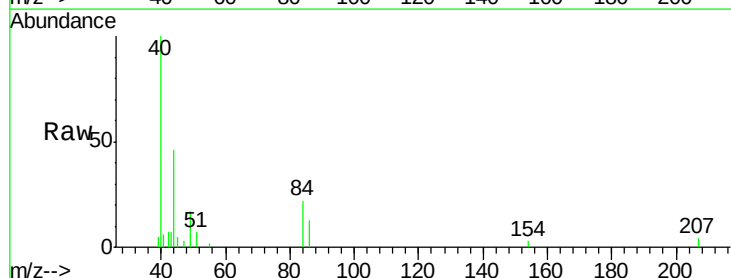
Instrument :
MSVOA_N
ClientSampled :
MW-5A

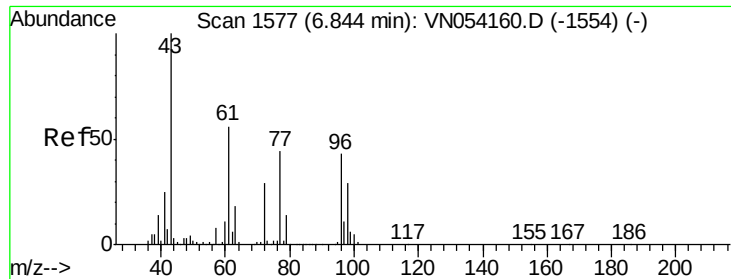
Tot Ion: 43 Resp: 3487
Ion Ratio Lower Upper
43 100
74 13.1 20.8 31.2#



#20
Methylene Chloride
Concen: 0.244 ug/l
RT: 4.54 min Scan# 861
Delta R.T. -0.00 min
Lab File: VN054267.D
Acq: 14 Mar 2019 17:37

Tgt Ion: 84 Resp: 3665
Ion Ratio Lower Upper
84 100
49 79.8 89.7 134.5#
51 31.9 28.2 42.4
86 60.2 50.8 76.2





#25

2-Butanone

Concen: 0.730 ug/l

RT: 6.86 min Scan# 1583

Delta R.T. 0.02 min

Lab File: VN054267.D

Acq: 14 Mar 2019 17:37

Instrument :

MSVOA_N

ClientSampled :

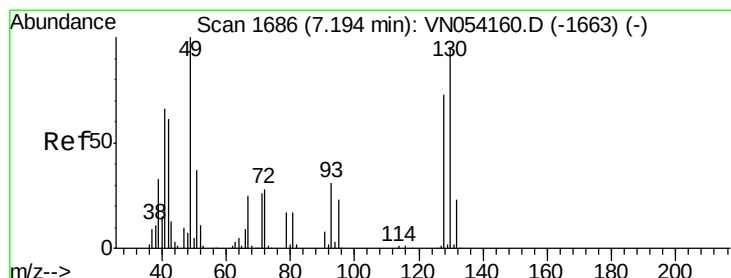
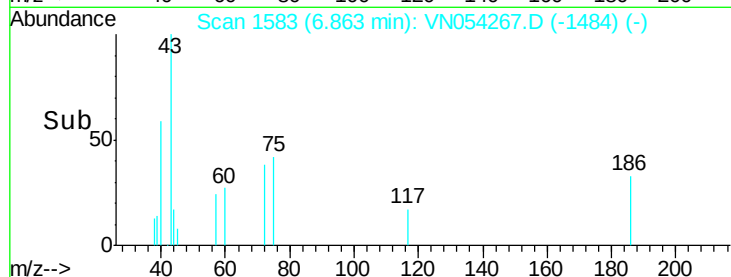
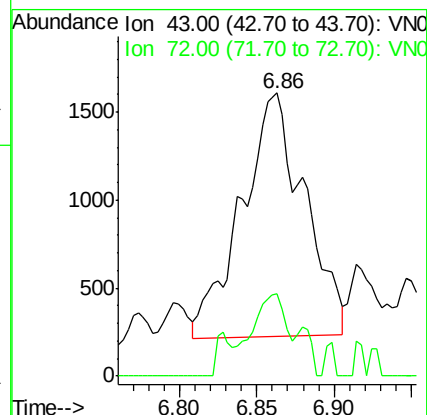
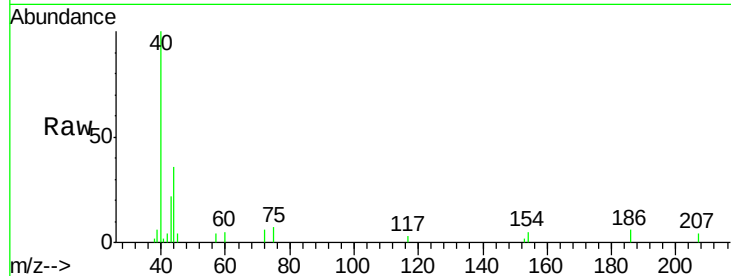
MW-5A

Tot Ion: 43 Resp: 3924

Ion Ratio Lower Upper

43 100

72 36.0 23.0 34.6#



#28

Bromochloromethane

Concen: 0.236 ug/l

RT: 7.37 min Scan# 1741

Delta R.T. 0.18 min

Lab File: VN054267.D

Acq: 14 Mar 2019 17:37

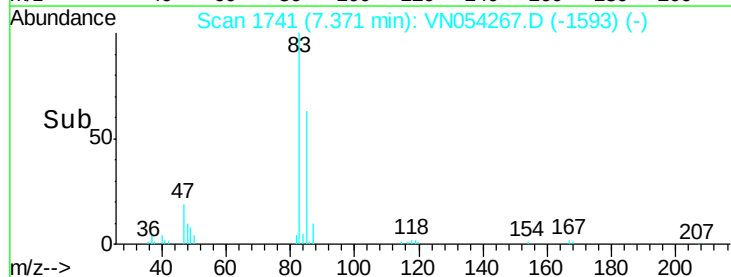
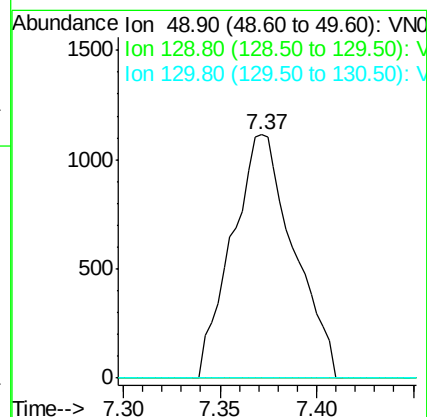
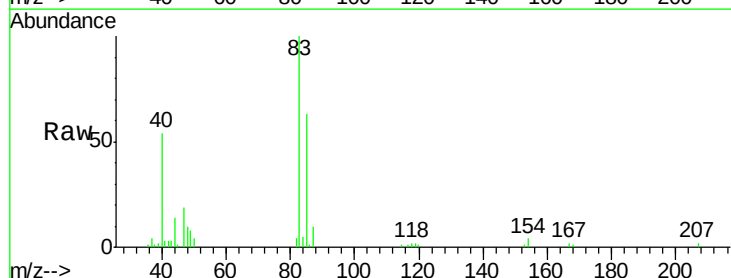
Tgt Ion: 49 Resp: 2478

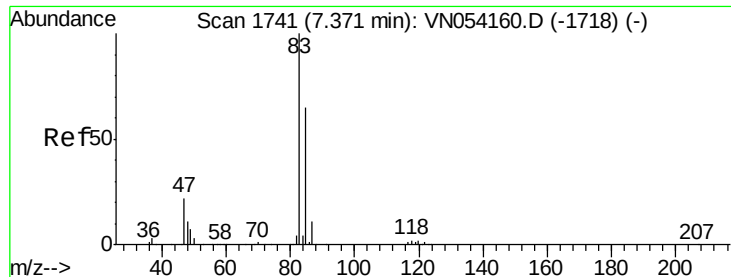
Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.6

130 0.0 76.7 115.1#

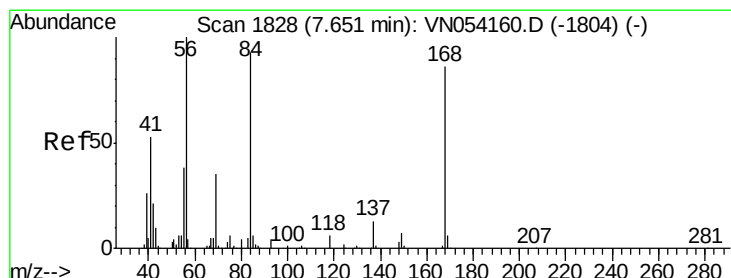
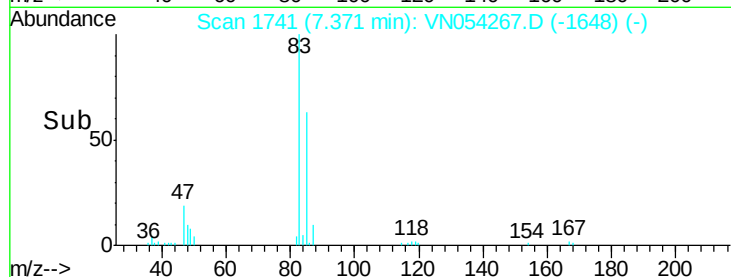
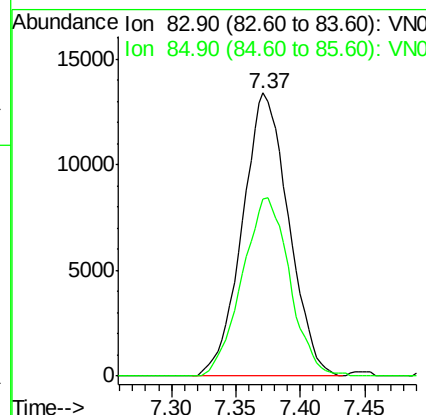
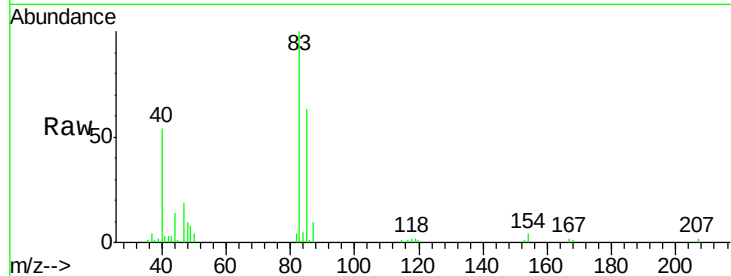




#30
Chloroform
Concen: 1.246 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VN054267.D
Acq: 14 Mar 2019 17:37

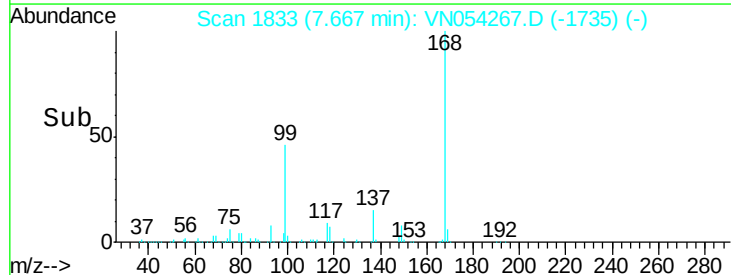
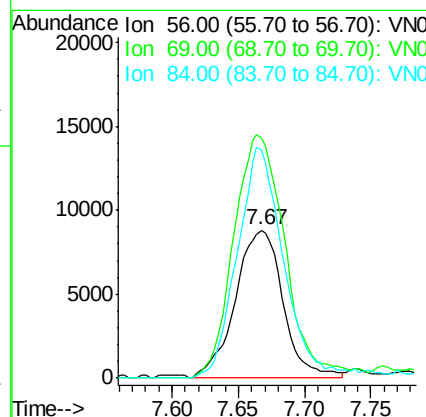
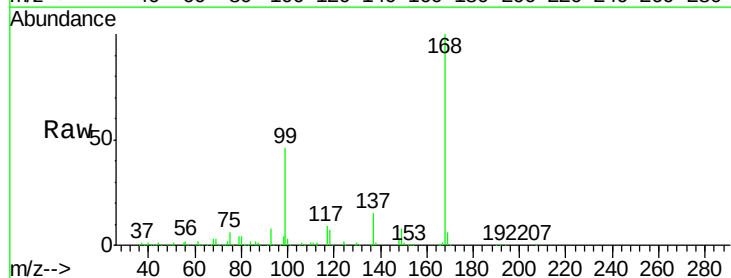
Instrument :
MSVOA_N
ClientSampled :
MW-5A

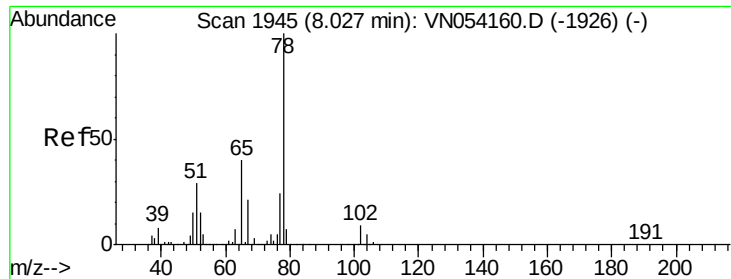
Tot Ion: 83 Resp: 33453
Ion Ratio Lower Upper
83 100
85 62.8 52.2 78.4



#31
Cyclohexane
Concen: Below Cal
RT: 7.67 min Scan# 1833
Delta R.T. 0.02 min
Lab File: VN054267.D
Acq: 14 Mar 2019 17:37

Tgt Ion: 56 Resp: 22065
Ion Ratio Lower Upper
56 100
69 162.6 27.8 41.6#
84 154.6 74.6 111.8#

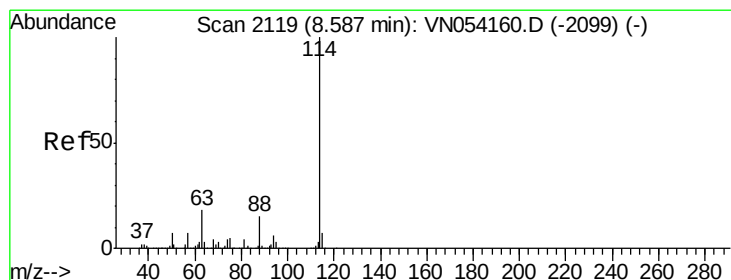
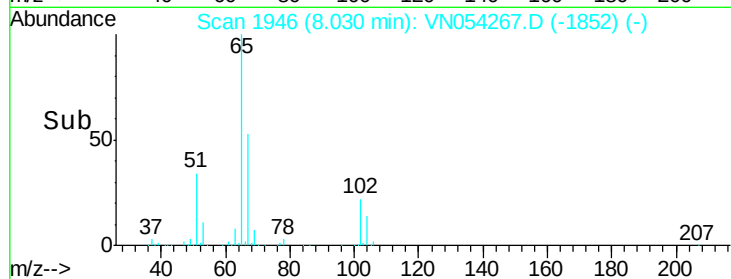
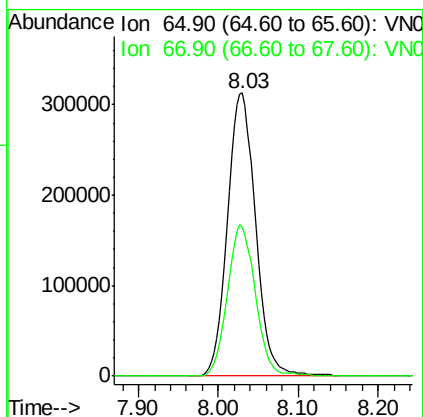
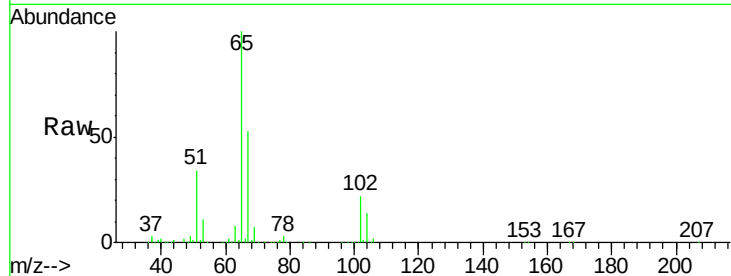




#33
 1,2-Dichloroethane-d4
 Concen: 46.652 ug/l
 RT: 8.03 min Scan# 1946
 Delta R.T. 0.00 min
 Lab File: VN054267.D
 Acq: 14 Mar 2019 17:37

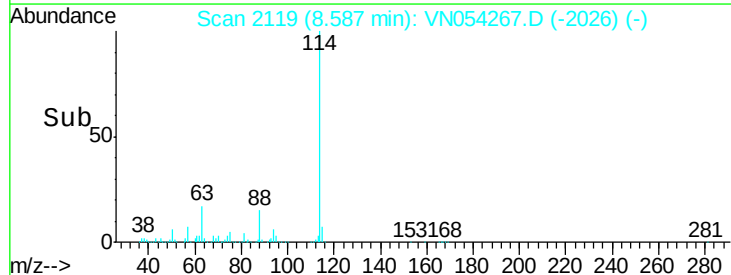
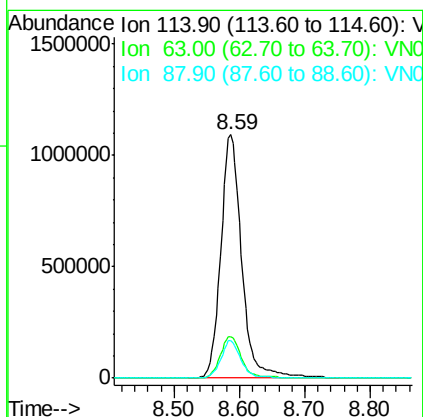
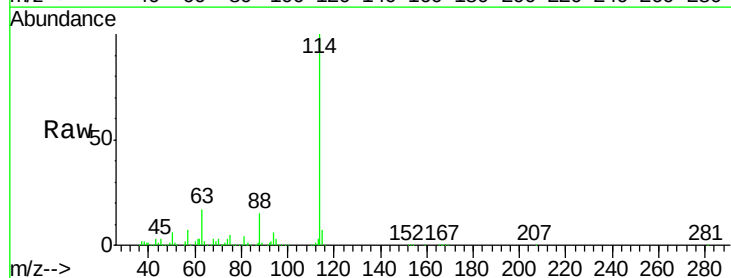
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-5A

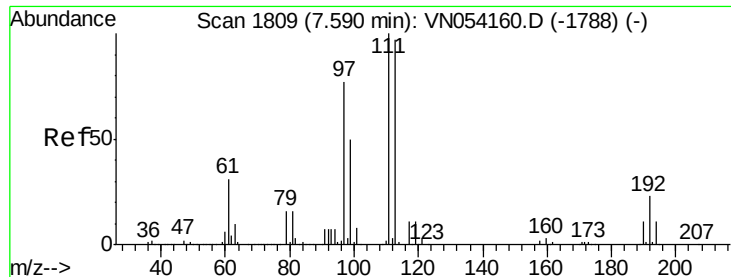
Tot Ion: 65 Resp: 746081
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN054267.D
 Acq: 14 Mar 2019 17:37

Tgt Ion: 114 Resp: 2436487
 Ion Ratio Lower Upper
 114 100
 63 17.2 0.0 35.2
 88 15.3 0.0 30.2





#35

Dibromofluoromethane

Concen: 47.319 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN054267.D

Acq: 14 Mar 2019 17:37

Instrument :

MSVOA_N

ClientSampleId :

MW-5A

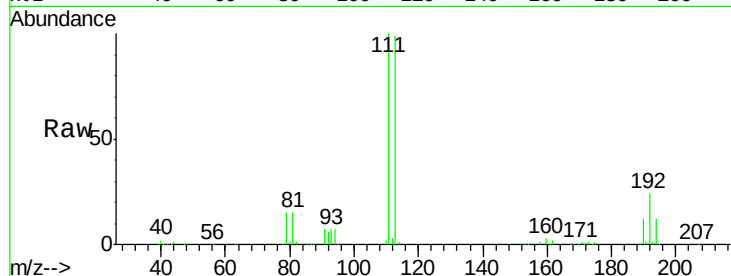
Tot Ion:113 Resp: 743580

Ion Ratio Lower Upper

113 100

111 100.5 82.2 123.4

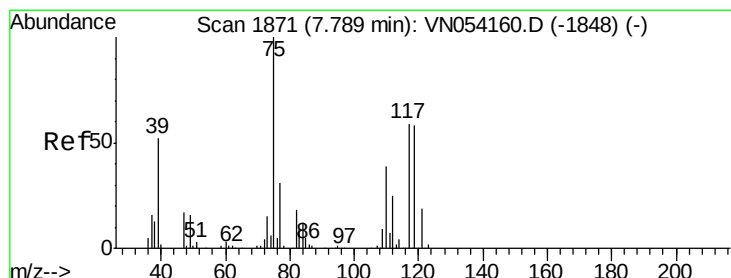
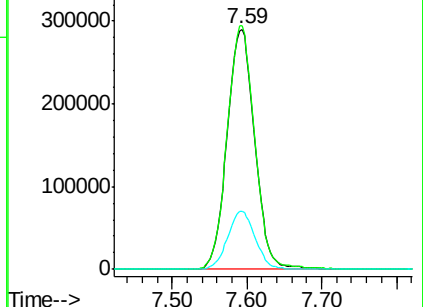
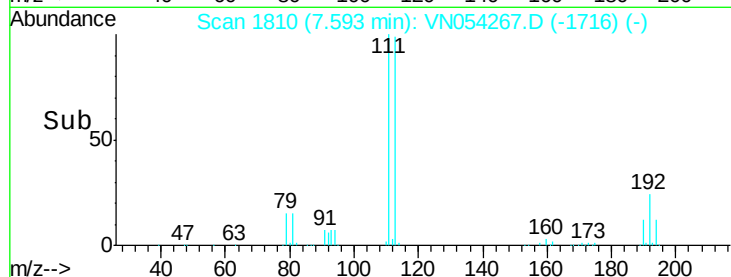
192 24.0 19.2 28.8



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: 3.756 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.13 min

Lab File: VN054267.D

Acq: 14 Mar 2019 17:37

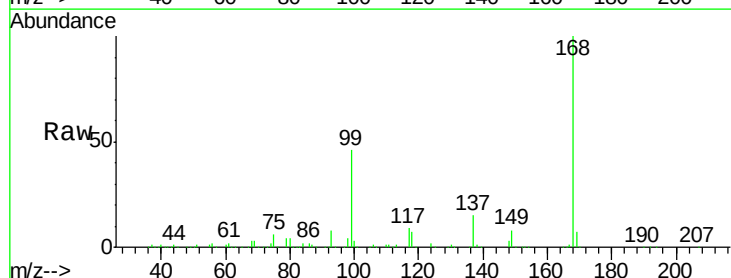
Tgt Ion: 75 Resp: 84274

Ion Ratio Lower Upper

75 100

110 8.9 19.1 57.5#

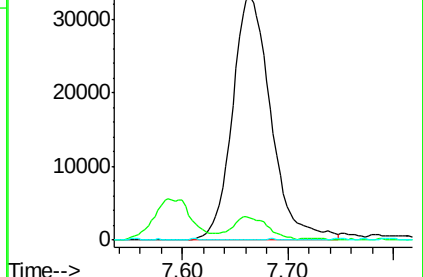
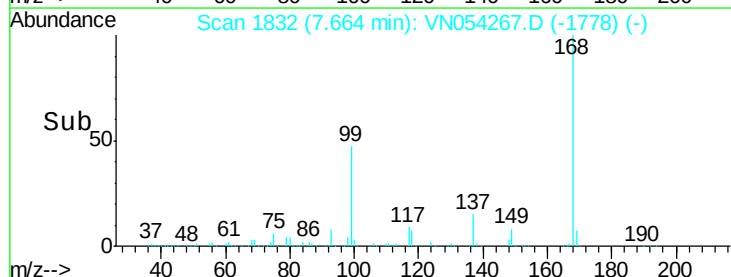
77 0.0 25.0 37.4#

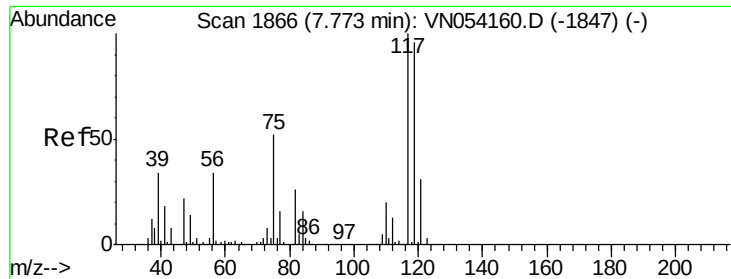


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

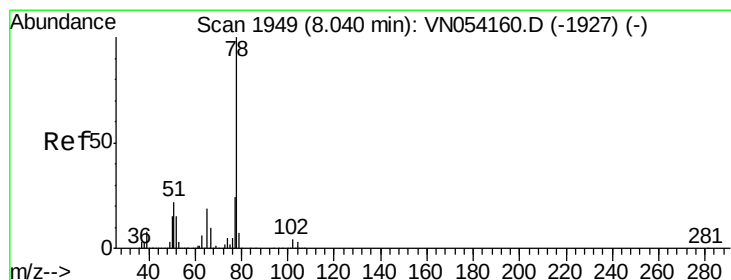
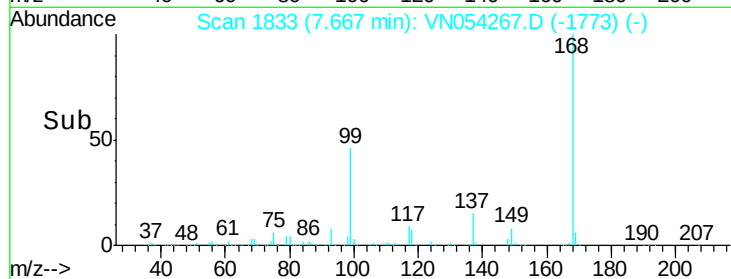
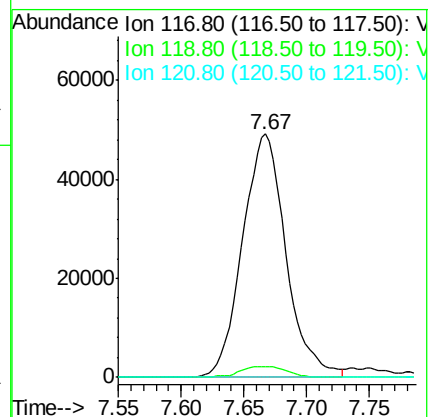
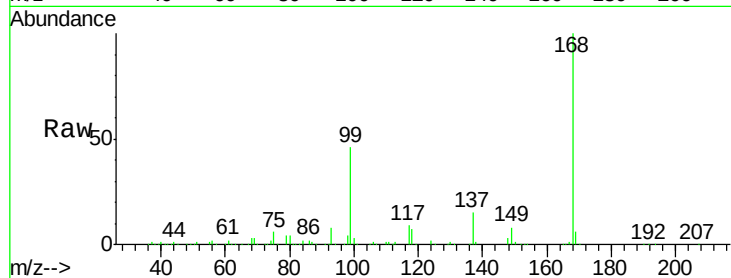




#38
Carbon Tetrachloride
Concen: 5.039 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.11 min
Lab File: VN054267.D
Acq: 14 Mar 2019 17:37

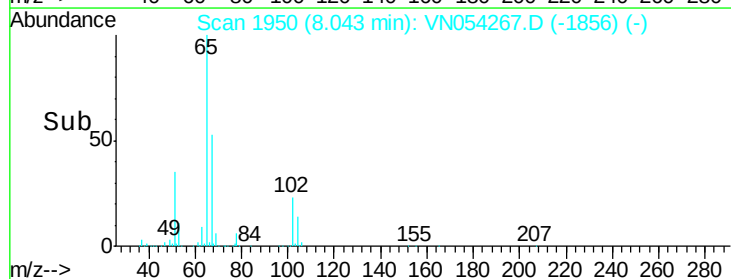
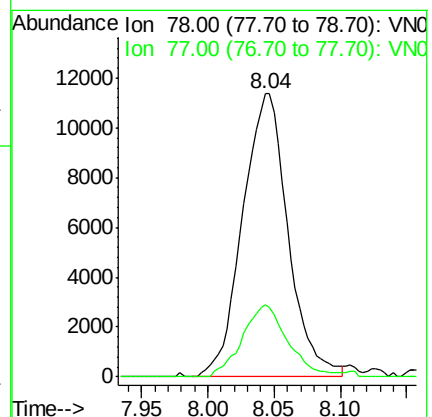
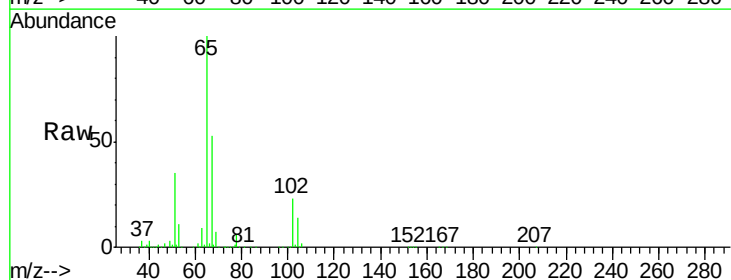
Instrument :
MSVOA_N
ClientSampleId :
MW-5A

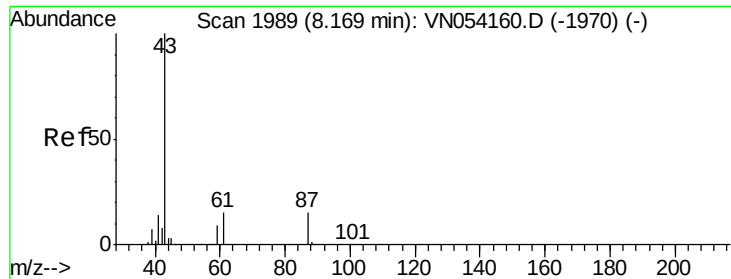
Tot Ion:117 Resp: 118572
Ion Ratio Lower Upper
117 100
119 3.9 76.3 114.5#
121 0.0 24.6 36.8#



#40
Benzene
Concen: 0.422 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. 0.00 min
Lab File: VN054267.D
Acq: 14 Mar 2019 17:37

Tgt Ion: 78 Resp: 27122
Ion Ratio Lower Upper
78 100
77 25.4 19.1 28.7





#43

Isopropyl Acetate

Concen: 0.628 ug/l

RT: 8.27 min Scan# 2019

Delta R.T. 0.10 min

Lab File: VN054267.D

Acq: 14 Mar 2019 17:37

Instrument :

MSVOA_N

ClientSampleId :

MW-5A

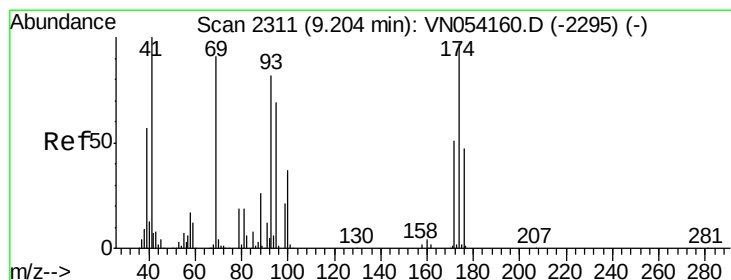
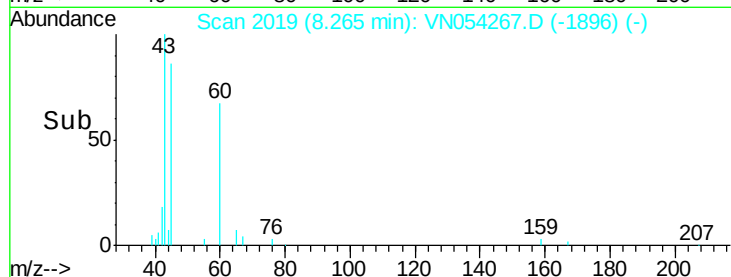
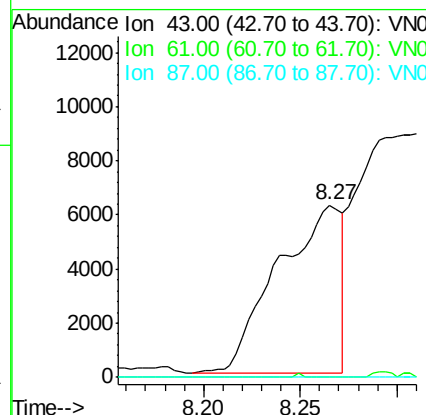
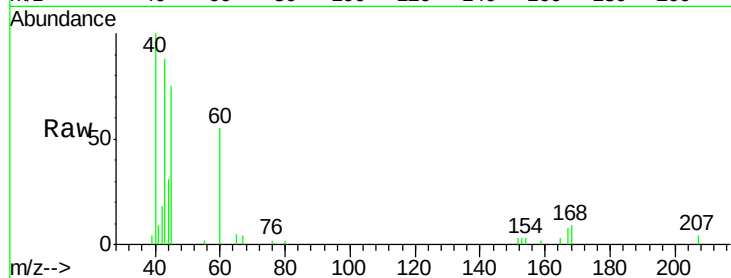
Tot Ion: 43 Resp: 14216

Ion Ratio Lower Upper

43 100

61 0.0 15.8 23.8#

87 0.0 12.0 18.0#



#49

1,4-Dioxane

Concen: 0.203 ug/l

RT: 8.96 min Scan# 2236

Delta R.T. -0.24 min

Lab File: VN054267.D

Acq: 14 Mar 2019 17:37

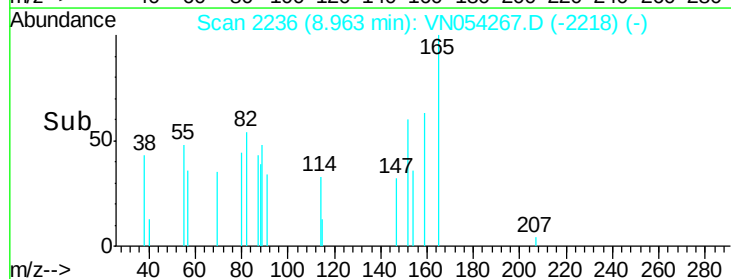
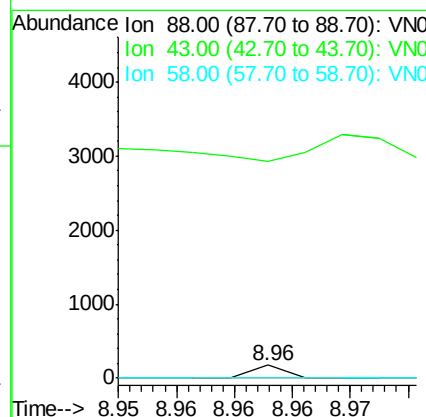
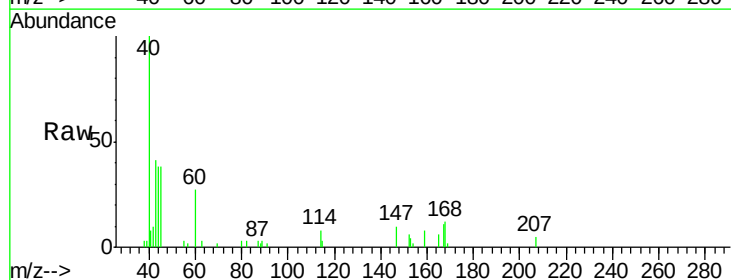
Tgt Ion: 88 Resp: 33

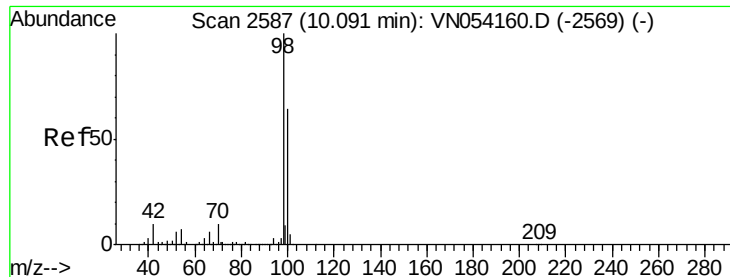
Ion Ratio Lower Upper

88 100

43 0.0 24.1 36.1#

58 0.0 50.8 76.2#

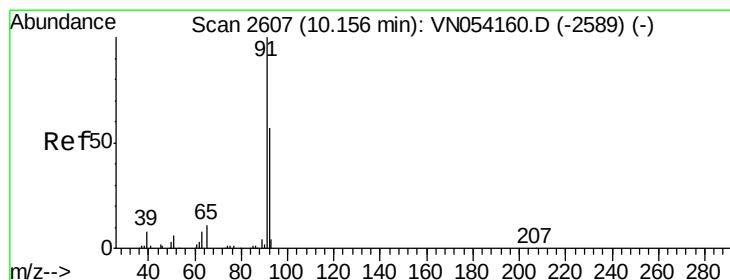
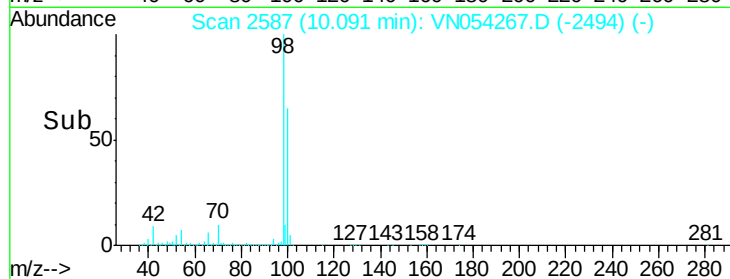
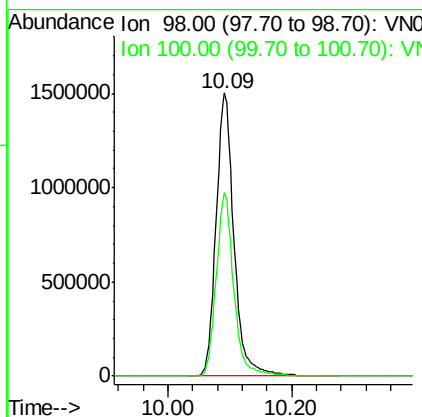
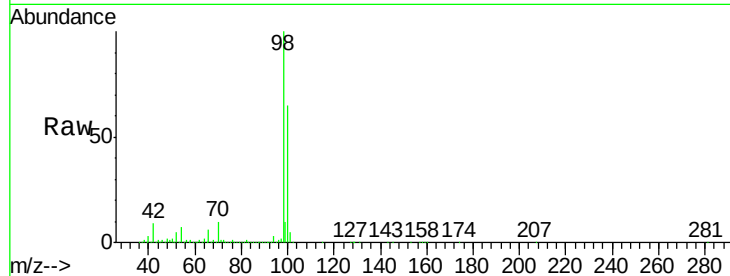




#50
Toluene-d8
Concen: 51.981 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN054267.D
Acq: 14 Mar 2019 17:37

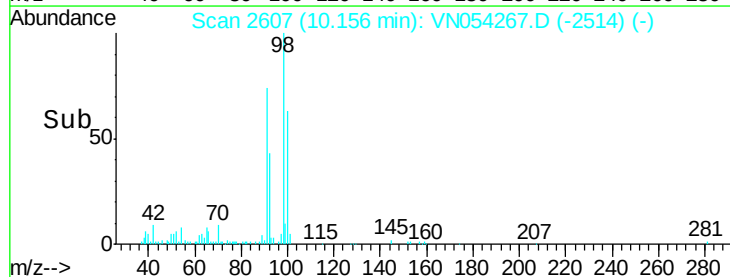
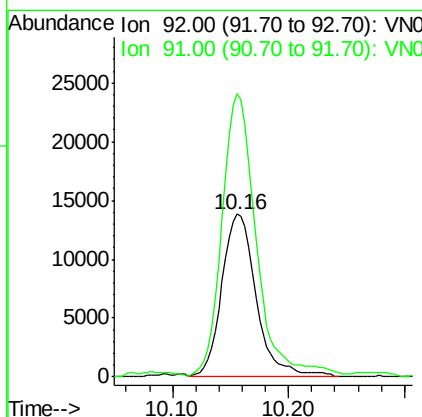
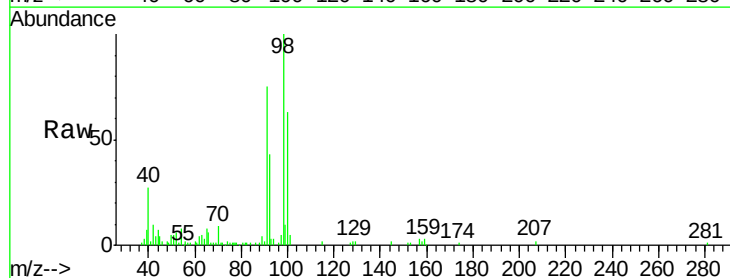
Instrument :
MSVOA_N
ClientSampleId :
MW-5A

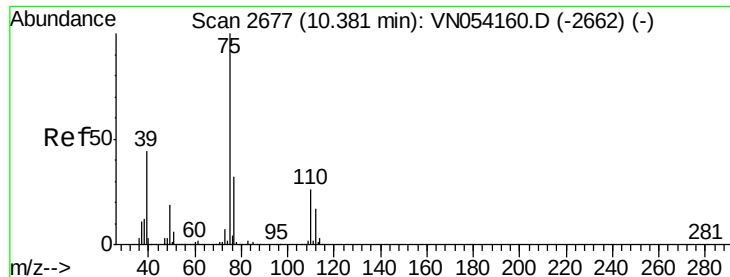
Tot Ion: 98 Resp: 3016729
Ion Ratio Lower Upper
98 100
100 63.7 51.2 76.8



#52
Toluene
Concen: 0.701 ug/l
RT: 10.16 min Scan# 2607
Delta R.T. 0.00 min
Lab File: VN054267.D
Acq: 14 Mar 2019 17:37

Tgt Ion: 92 Resp: 28555
Ion Ratio Lower Upper
92 100
91 173.4 140.7 211.1





#53

t-1,3-Dichloropropene

Concen: 1.998 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN054267.D

Acq: 14 Mar 2019 17:37

Instrument :

MSVOA_N

ClientSampleId :

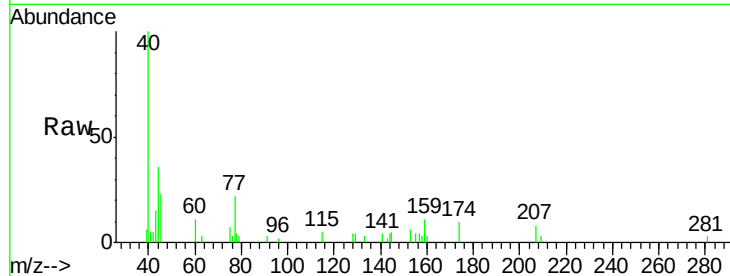
MW-5A

Tot Ion: 75 Resp: 304

Ion Ratio Lower Upper

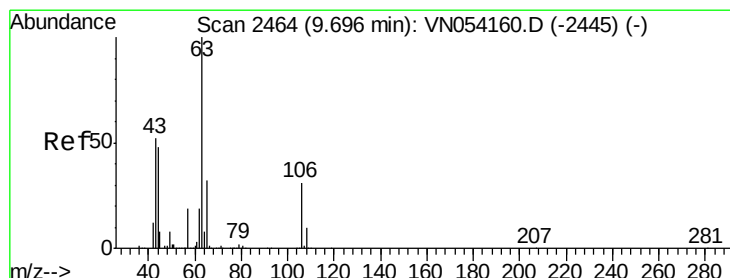
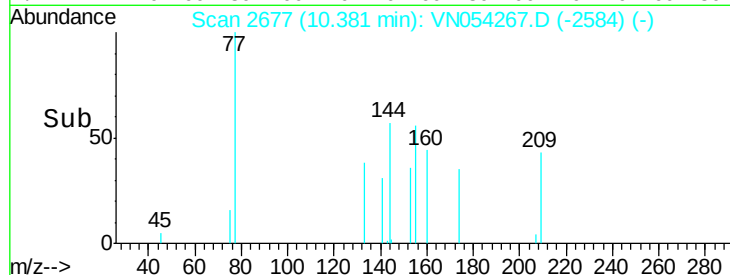
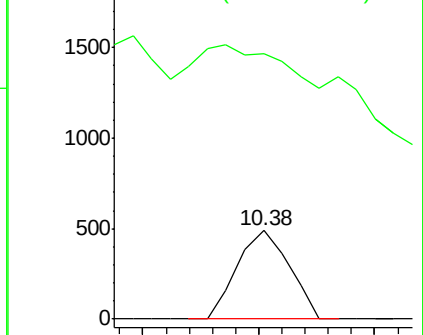
75 100

77 25.6 25.8 38.8#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 16.832 ug/l

RT: 9.68 min Scan# 2458

Delta R.T. -0.02 min

Lab File: VN054267.D

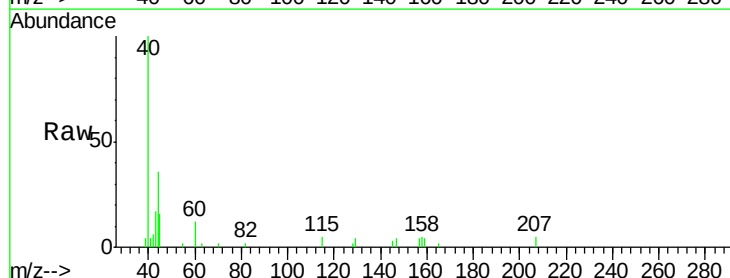
Acq: 14 Mar 2019 17:37

Tgt Ion: 63 Resp: 29

Ion Ratio Lower Upper

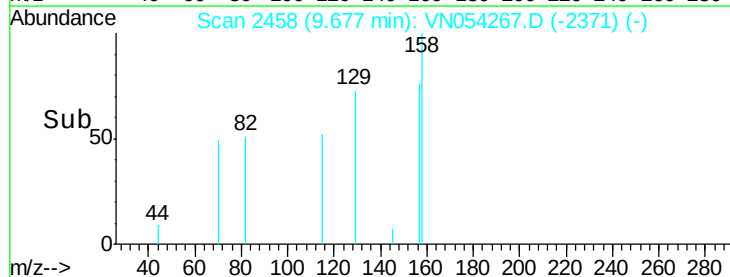
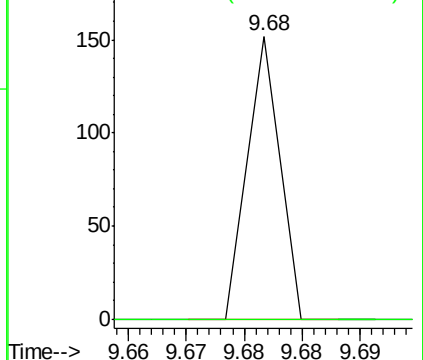
63 100

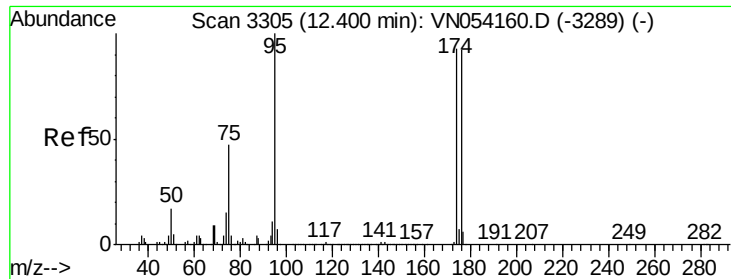
106 0.0 24.4 36.6#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V





#62

4-Bromofluorobenzene

Concen: 57.646 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN054267.D

Acq: 14 Mar 2019 17:37

Instrument :

MSVOA_N

ClientSampleId :

MW-5A

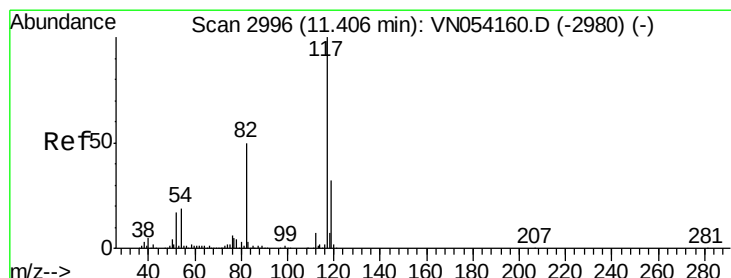
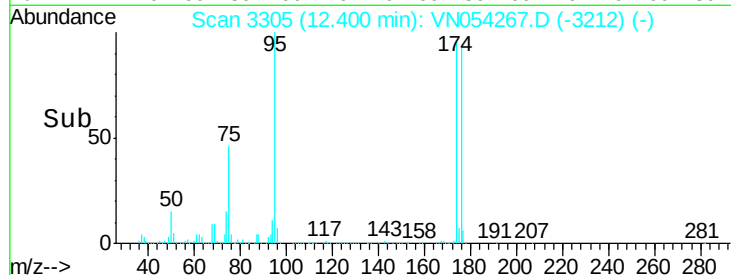
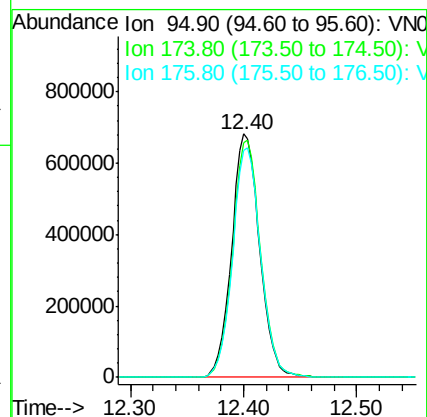
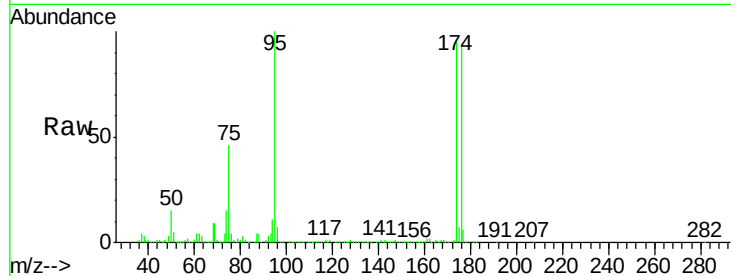
Tot Ion: 95 Resp: 1170589

Ion Ratio Lower Upper

95 100

174 97.2 0.0 191.0

176 94.7 0.0 187.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN054267.D

Acq: 14 Mar 2019 17:37

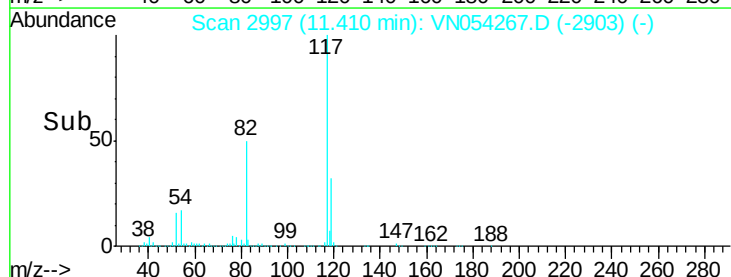
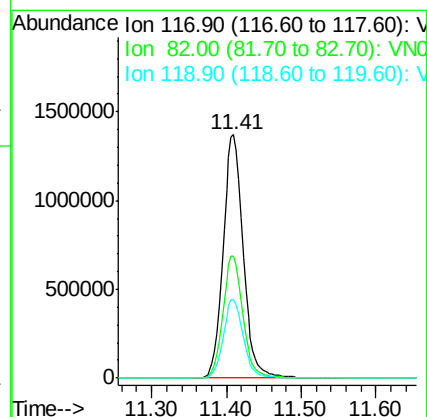
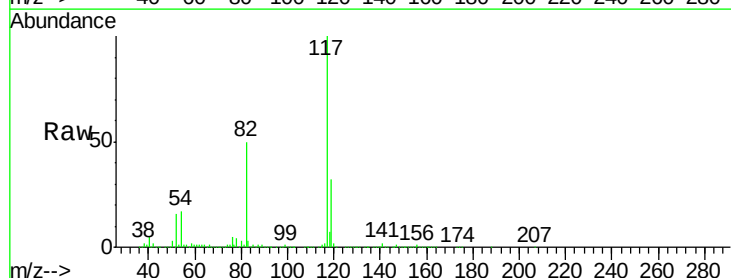
Tgt Ion: 117 Resp: 2541188

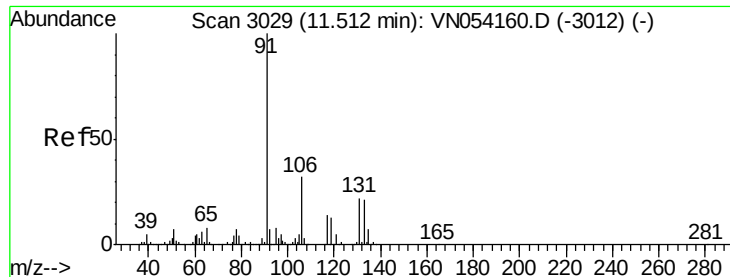
Ion Ratio Lower Upper

117 100

82 50.0 40.0 60.0

119 32.4 25.8 38.6





#67

Ethyl Benzene

Concen: 0.736 ug/l

RT: 11.51 min Scan# 3029

Delta R.T. 0.00 min

Lab File: VN054267.D

Acq: 14 Mar 2019 17:37

Instrument :

MSVOA_N

ClientSampled :

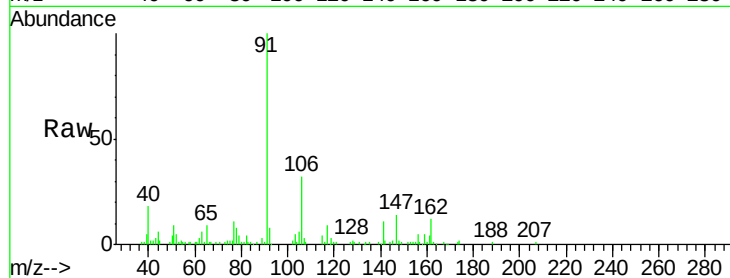
MW-5A

Tot Ion: 91 Resp: 68051

Ion Ratio Lower Upper

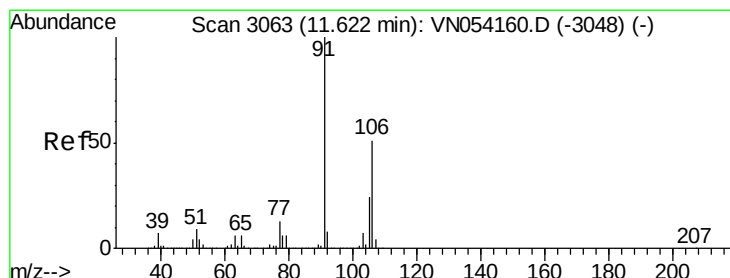
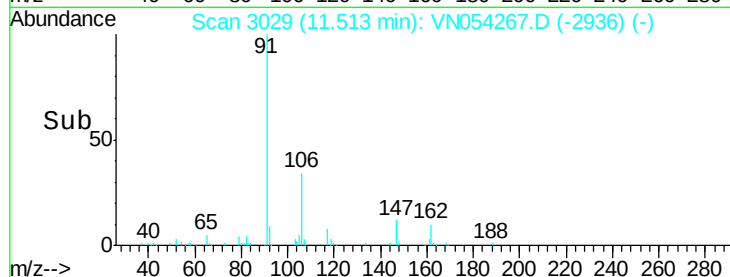
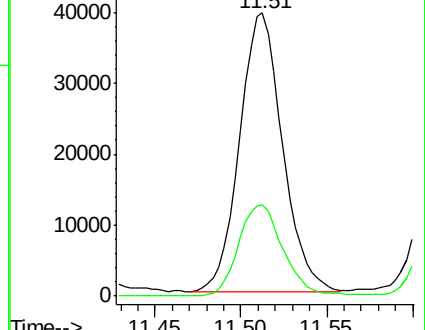
91 100

106 32.8 25.5 38.3



Abundance Ion 91.00 (90.70 to 91.70): VN054267.D (-2936) (-)

Ion 106.00 (105.70 to 106.70): VN054267.D (-2936) (-)



#68

m/p-Xylenes

Concen: 0.756 ug/l

RT: 11.62 min Scan# 3062

Delta R.T. -0.00 min

Lab File: VN054267.D

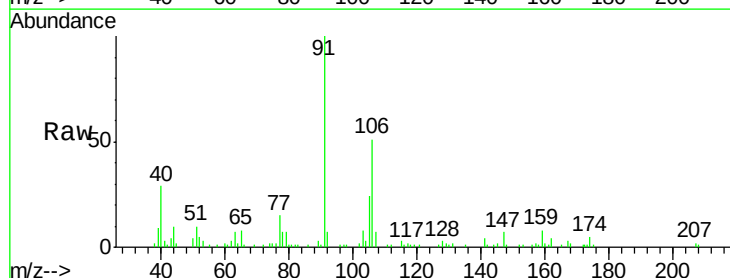
Acq: 14 Mar 2019 17:37

Tgt Ion: 106 Resp: 27336

Ion Ratio Lower Upper

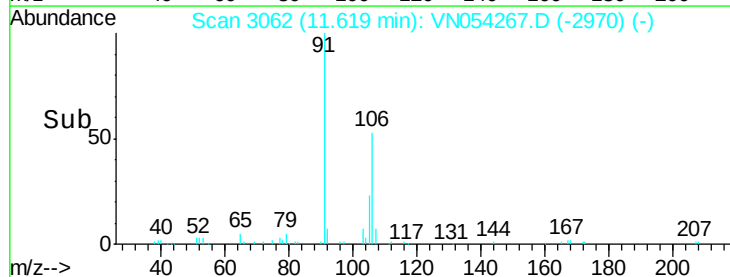
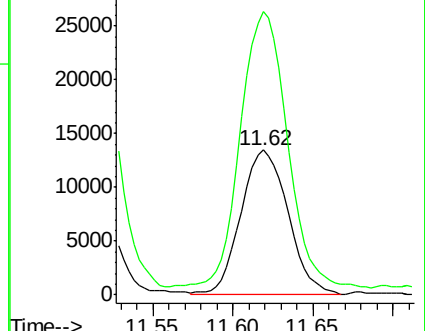
106 100

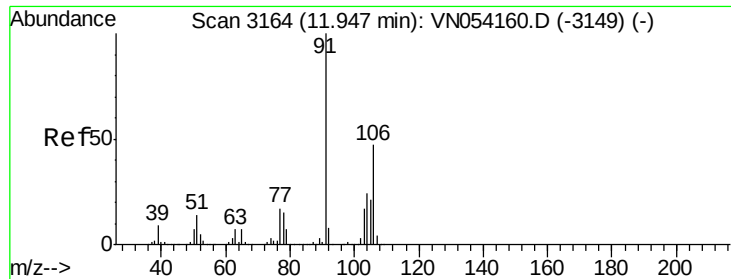
91 187.6 159.4 239.2



Abundance Ion 106.00 (105.70 to 106.70): VN054267.D (-2970) (-)

Ion 91.00 (90.70 to 91.70): VN054267.D (-2970) (-)

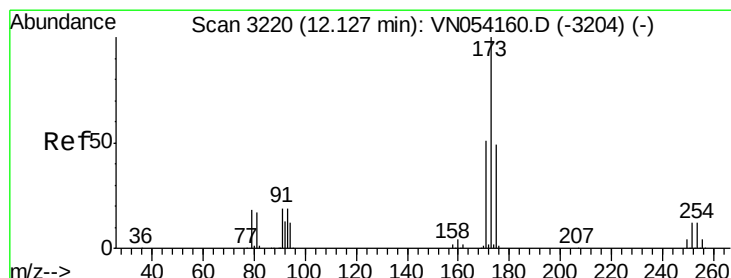
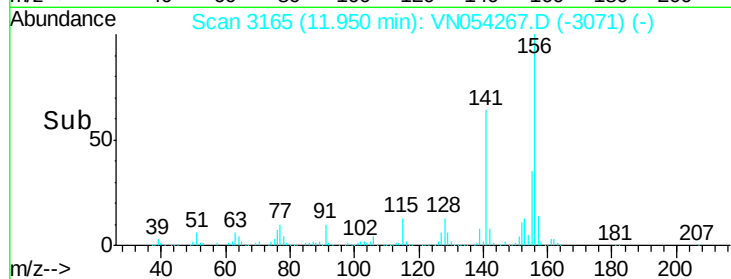
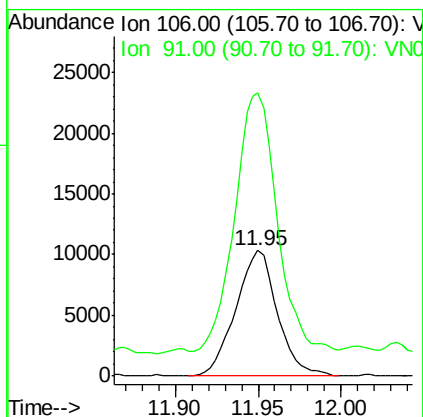
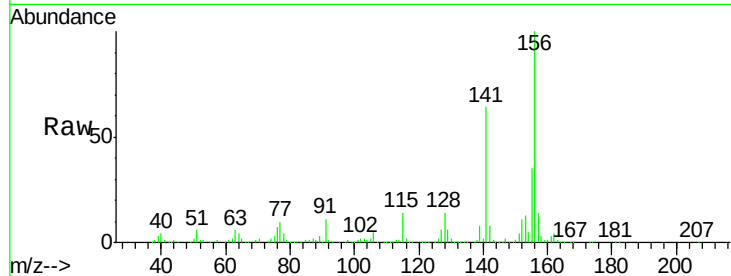




#69
o-Xylene
Concen: 0.511 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN054267.D
Acq: 14 Mar 2019 17:37

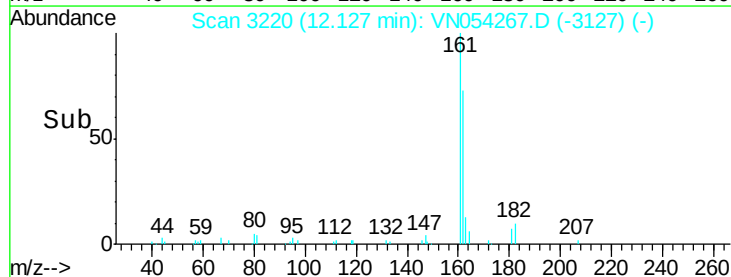
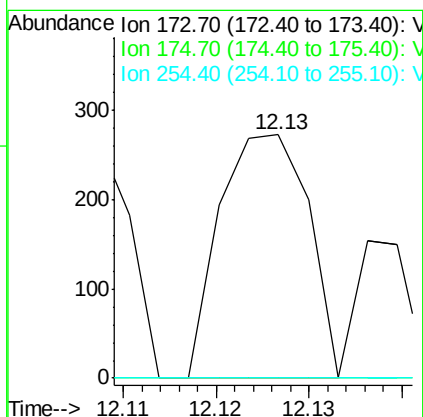
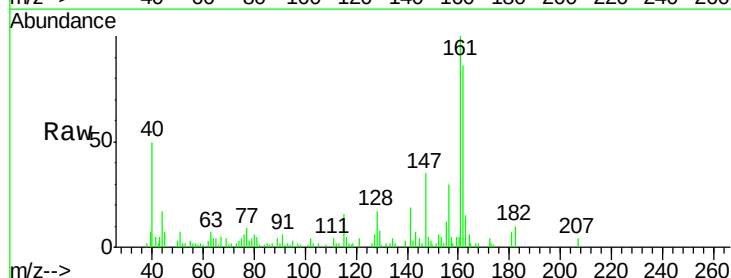
Instrument :
MSVOA_N
ClientSampled :
MW-5A

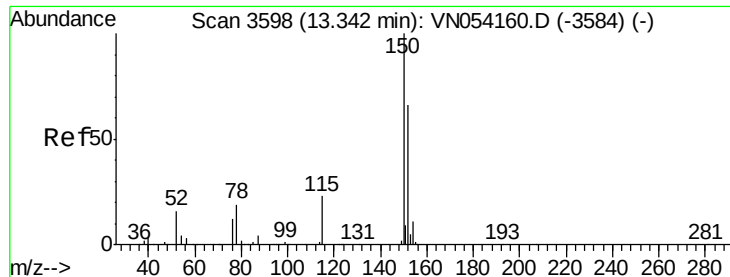
Tot Ion:106 Resp: 18014
Ion Ratio Lower Upper
106 100
91 209.3 105.7 317.1



#71
Bromoform
Concen: 2.362 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. 0.00 min
Lab File: VN054267.D
Acq: 14 Mar 2019 17:37

Tgt Ion:173 Resp: 180
Ion Ratio Lower Upper
173 100
175 0.0 24.4 73.2#
254 0.0 0.1 0.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN054267.D

Acq: 14 Mar 2019 17:37

Instrument :

MSVOA_N

ClientSampleId :

MW-5A

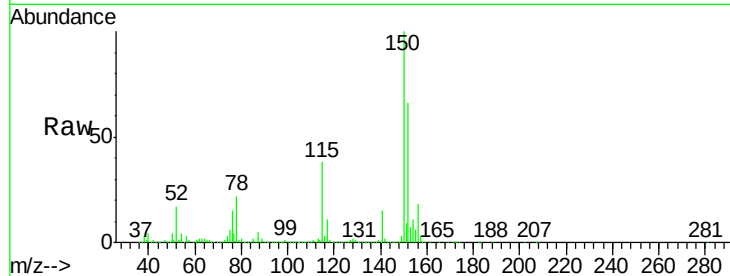
Tot Ion:152 Resp: 1274031

Ion Ratio Lower Upper

152 100

115 62.7 27.2 81.6

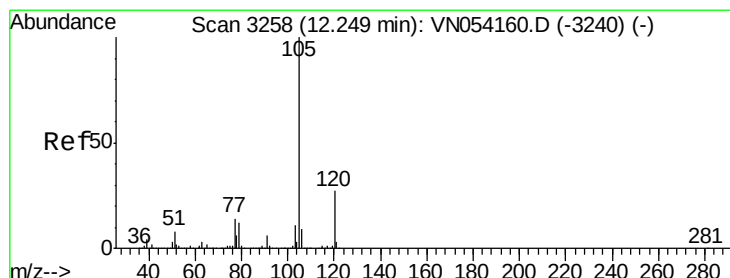
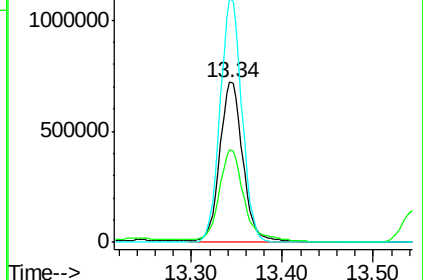
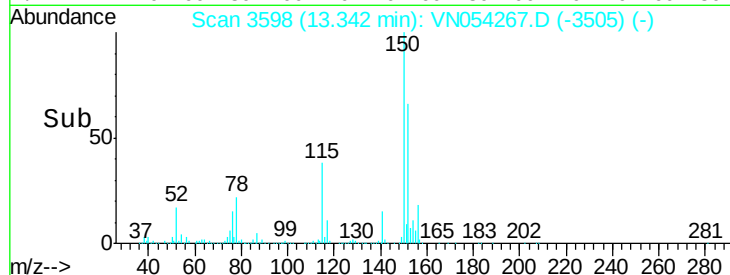
150 142.9 0.0 349.2



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



#73

Isopropylbenzene

Concen: 0.213 ug/l

RT: 12.25 min Scan# 3259

Delta R.T. 0.00 min

Lab File: VN054267.D

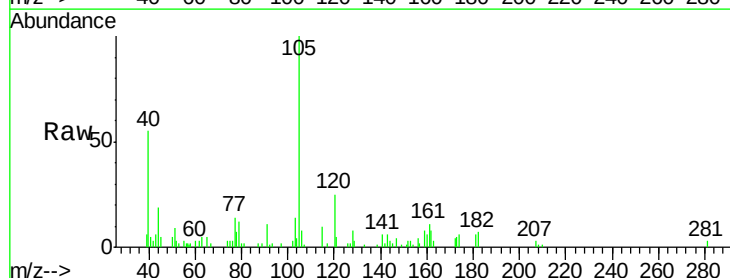
Acq: 14 Mar 2019 17:37

Tgt Ion:105 Resp: 21722

Ion Ratio Lower Upper

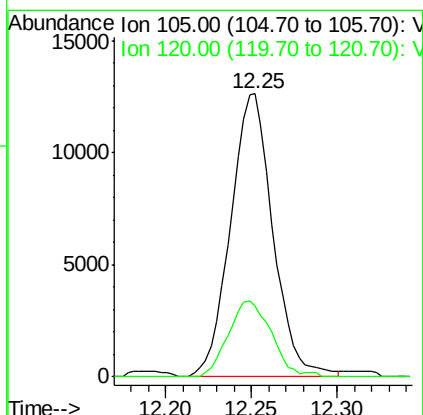
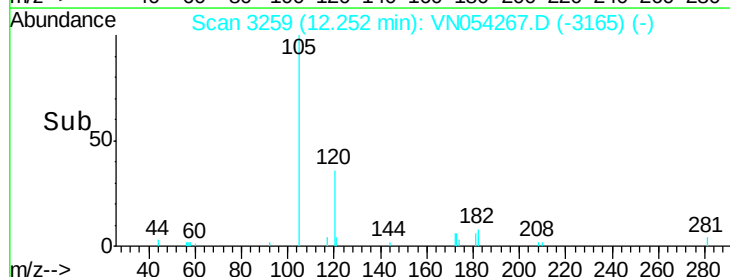
105 100

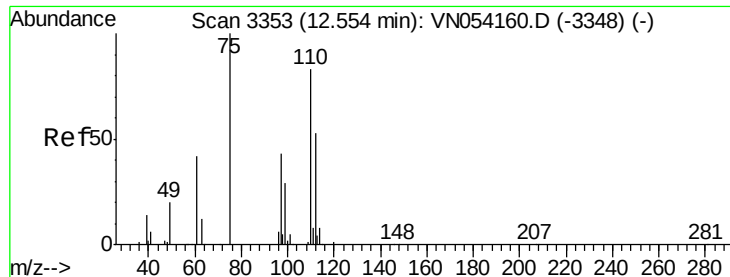
120 27.3 13.8 41.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#76

1,2,3-Trichloropropane

Concen: 3.627 ug/l

RT: 12.55 min Scan# 3351

Delta R.T. -0.01 min

Lab File: VN054267.D

Acq: 14 Mar 2019 17:37

Instrument :

MSVOA_N

ClientSampled :

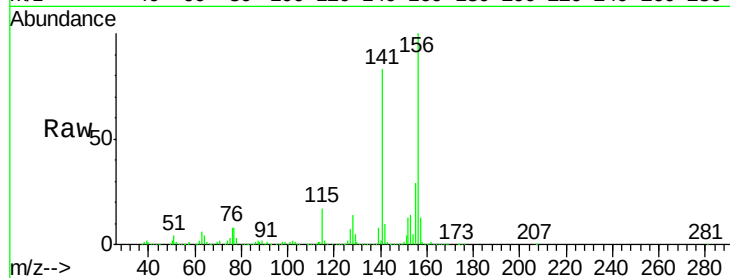
MW-5A

Tot Ion: 75 Resp: 67952

Ion Ratio Lower Upper

75 100

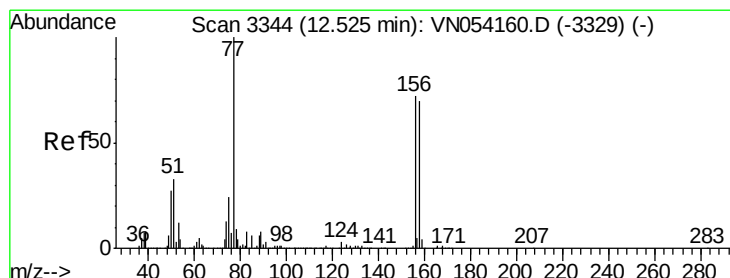
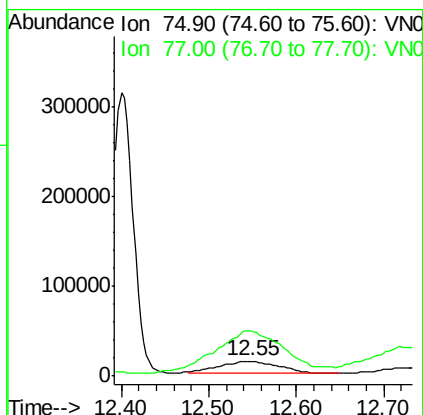
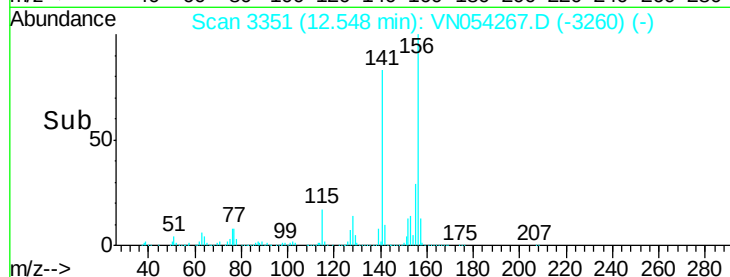
77 385.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN054160.D (-3348) (-)

Ion 77.00 (76.70 to 77.70): VN054160.D (-3348) (-)

Time-->



#77

Bromobenzene

Concen: 133.151 ug/l

RT: 12.55 min Scan# 3351

Delta R.T. 0.02 min

Lab File: VN054267.D

Acq: 14 Mar 2019 17:37

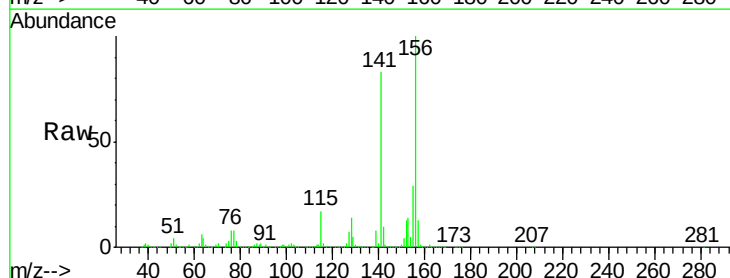
Tgt Ion: 156 Resp: 3591387

Ion Ratio Lower Upper

156 100

77 7.3 81.5 244.4#

158 0.4 49.0 147.2#

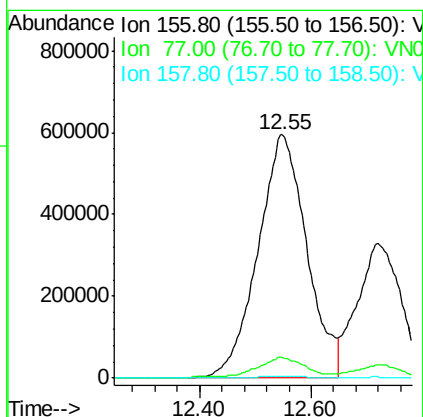
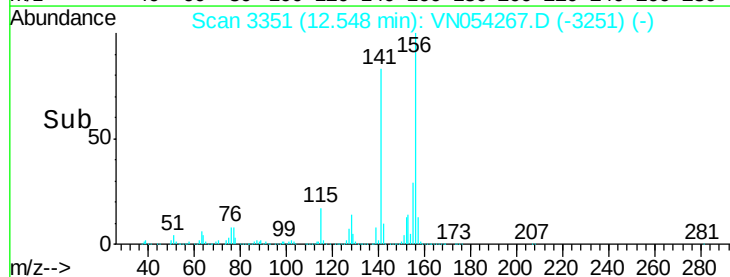


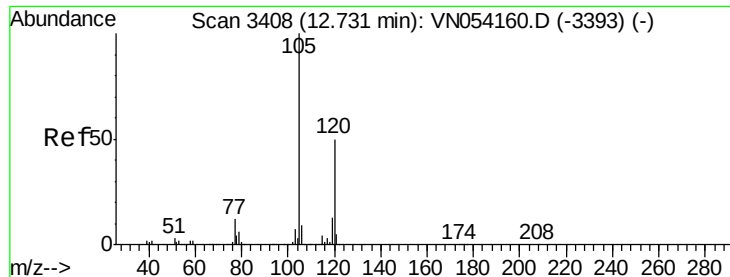
Abundance Ion 155.80 (155.50 to 156.50): VN054160.D (-3329) (-)

Ion 77.00 (76.70 to 77.70): VN054160.D (-3329) (-)

Ion 157.80 (157.50 to 158.50): VN054160.D (-3329) (-)

Time-->





#80

1,3,5-Trimethylbenzene

Concen: 0.443 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN054267.D

Acq: 14 Mar 2019 17:37

Instrument :

MSVOA_N

ClientSampled :

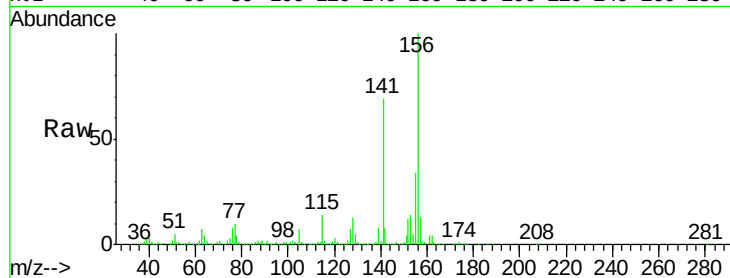
MW-5A

Tot Ion:105 Resp: 37565

Ion Ratio Lower Upper

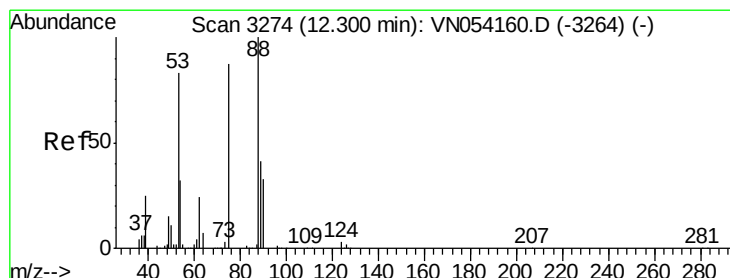
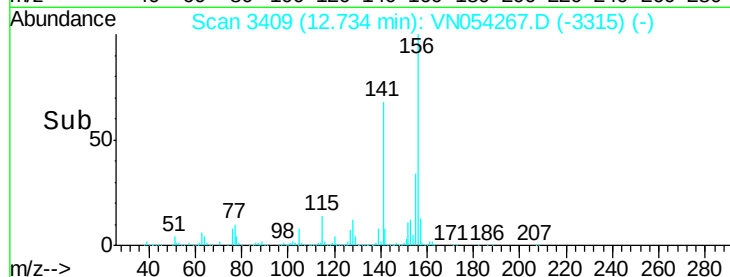
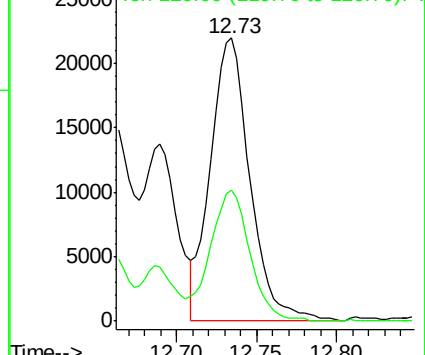
105 100

120 46.5 25.0 75.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 99.281 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN054267.D

Acq: 14 Mar 2019 17:37

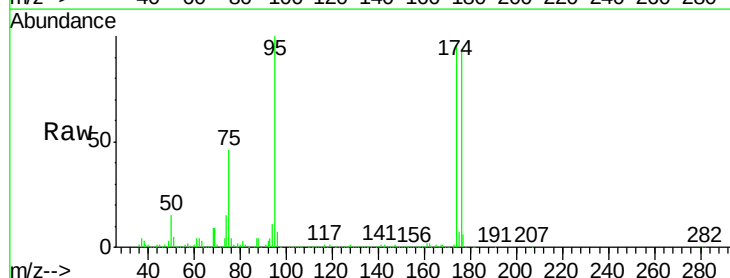
Tgt Ion: 75 Resp: 544123

Ion Ratio Lower Upper

75 100

53 0.0 76.2 114.2#

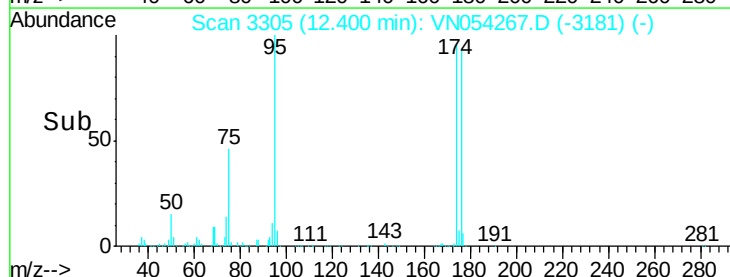
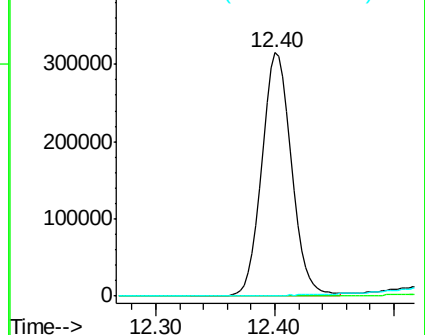
89 0.0 39.2 58.8#

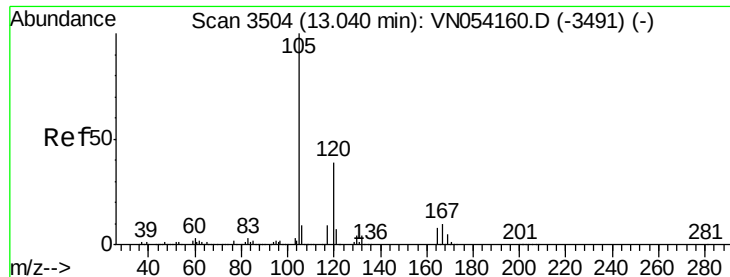


Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO





#84

1,2,4-Trimethylbenzene

Concen: 0.836 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN054267.D

Acq: 14 Mar 2019 17:37

Instrument :

MSVOA_N

ClientSampled :

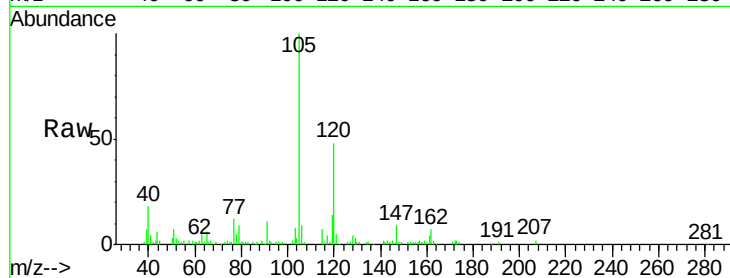
MW-5A

Tot Ion:105 Resp: 69543

Ion Ratio Lower Upper

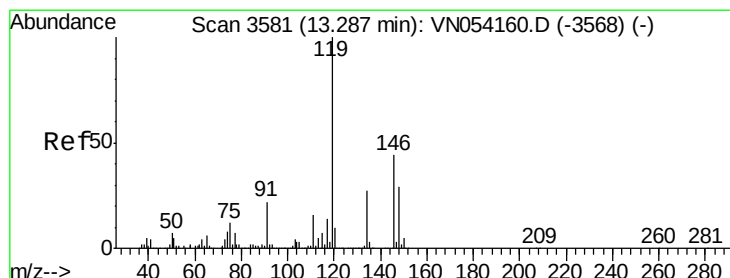
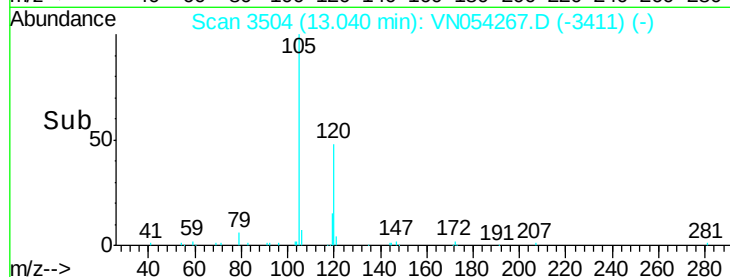
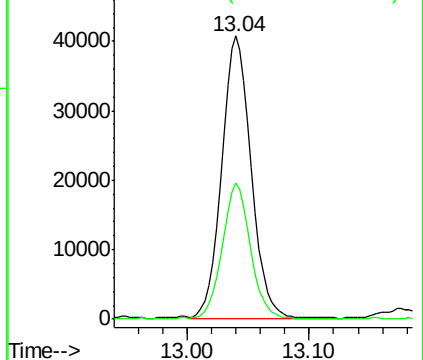
105 100

120 45.7 23.4 70.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#86

p-Isopropyltoluene

Concen: 0.373 ug/l

RT: 13.29 min Scan# 3582

Delta R.T. 0.00 min

Lab File: VN054267.D

Acq: 14 Mar 2019 17:37

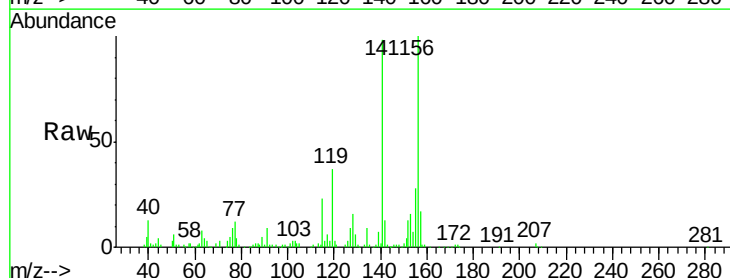
Tgt Ion:119 Resp: 33096

Ion Ratio Lower Upper

119 100

134 25.2 13.6 40.8

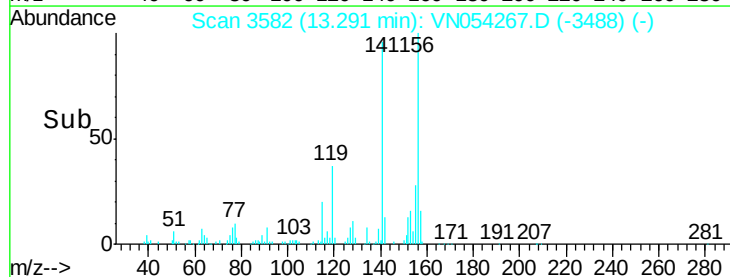
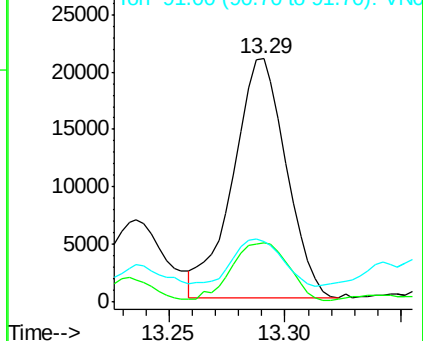
91 22.4 11.1 33.3

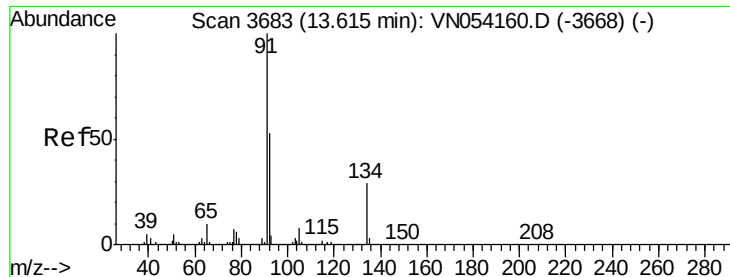


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#89

n-Butylbenzene

Concen: 1.687 ug/l

RT: 13.54 min Scan# 3660

Delta R.T. -0.07 min

Lab File: VN054267.D

Acq: 14 Mar 2019 17:37

Instrument :

MSVOA_N

ClientSampleId :

MW-5A

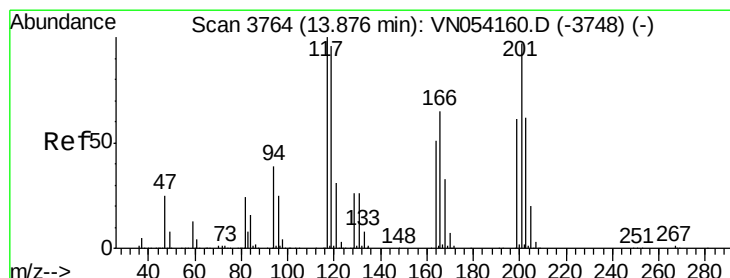
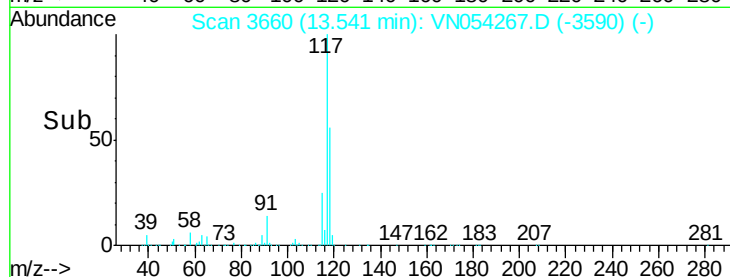
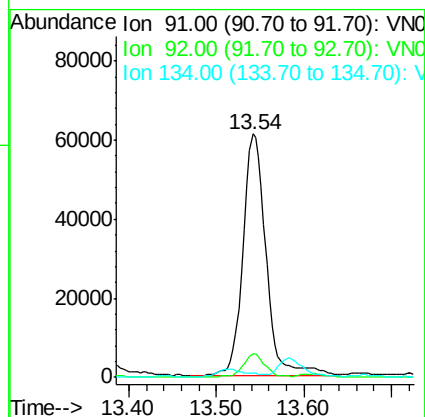
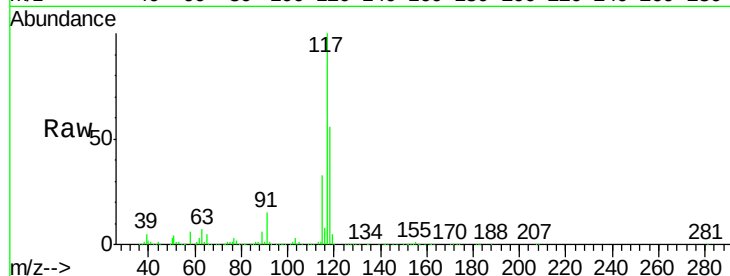
Tot Ion: 91 Resp: 113789

Ion Ratio Lower Upper

91 100

92 9.2 26.2 78.6#

134 0.0 14.3 42.9#



#90

Hexachloroethane

Concen: 0.576 ug/l

RT: 13.94 min Scan# 3785

Delta R.T. 0.07 min

Lab File: VN054267.D

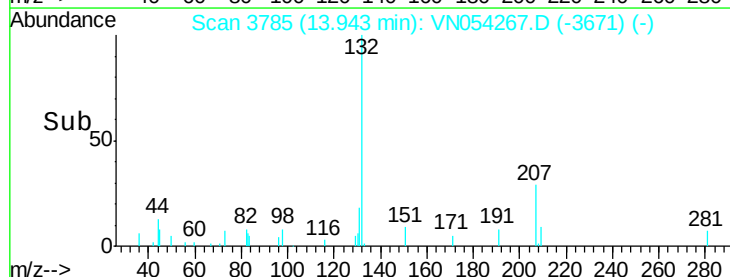
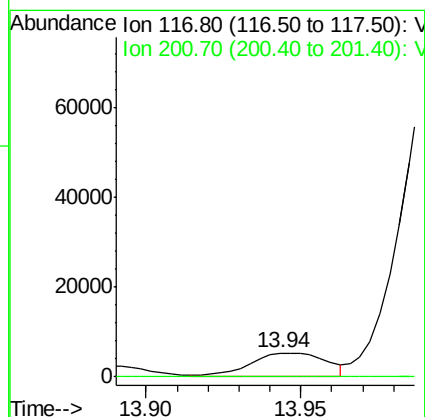
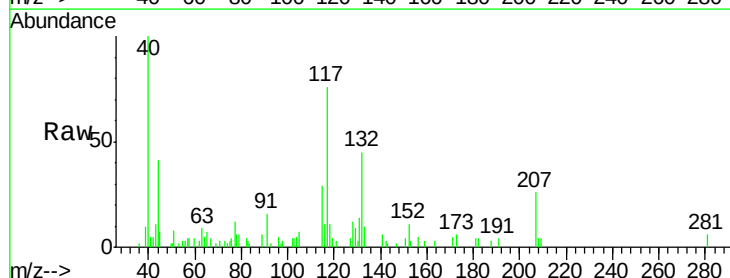
Acq: 14 Mar 2019 17:37

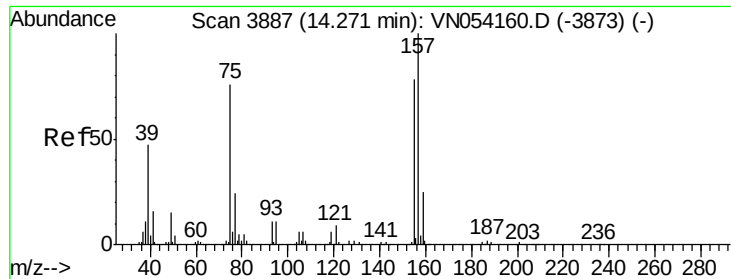
Tgt Ion: 117 Resp: 8464

Ion Ratio Lower Upper

117 100

201 0.0 48.1 144.4#





#92

1,2-Dibromo-3-Chloropropane

Concen: 55.969 ug/l

RT: 14.50 min Scan# 3957

Delta R.T. 0.23 min

Lab File: VN054267.D

Acq: 14 Mar 2019 17:37

Instrument :

MSVOA_N

ClientSampled :

MW-5A

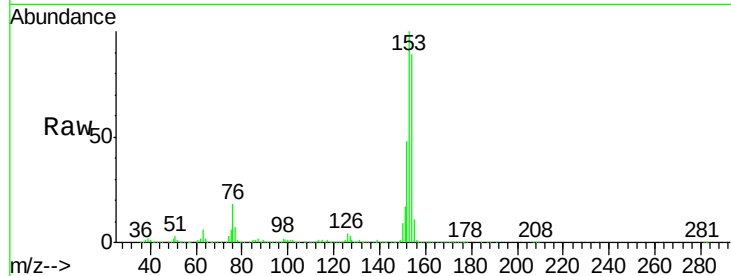
Tot Ion: 75 Resp: 188087

Ion Ratio Lower Upper

75 100

155 197.1 50.1 150.3#

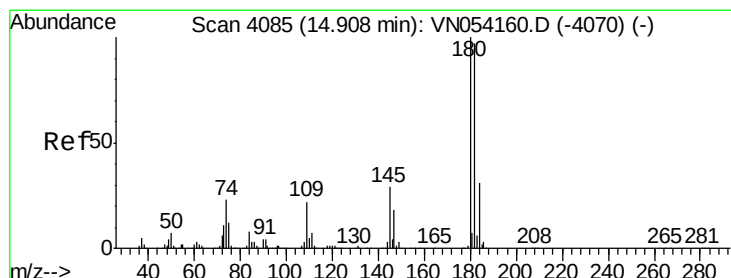
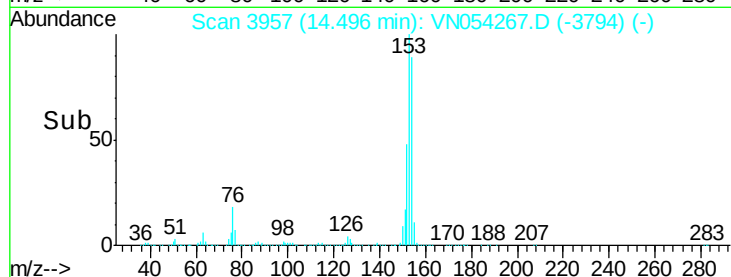
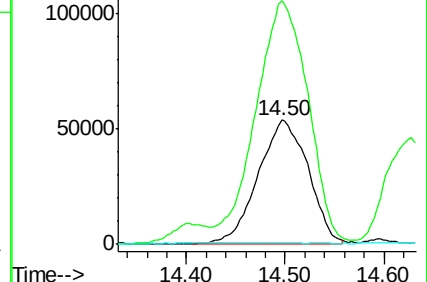
157 0.2 63.1 189.3#



Abundance Ion 74.90 (74.60 to 75.60): VN054160.D (-3873) (-)

Ion 154.80 (154.50 to 155.50): VN054160.D (-3873) (-)

Ion 156.80 (156.50 to 157.50): VN054160.D (-3873) (-)



#93

1,2,4-Trichlorobenzene

Concen: 2.557 ug/l

RT: 14.90 min Scan# 4084

Delta R.T. -0.00 min

Lab File: VN054267.D

Acq: 14 Mar 2019 17:37

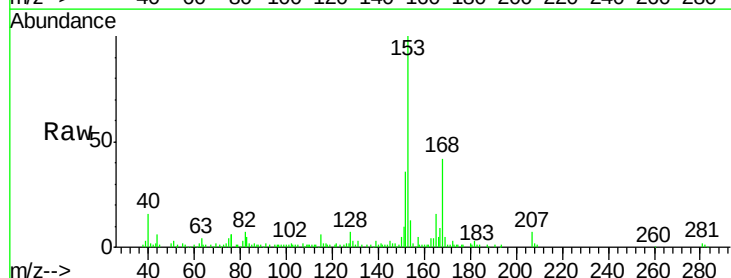
Tgt Ion: 180 Resp: 1152

Ion Ratio Lower Upper

180 100

182 222.2 48.0 144.2#

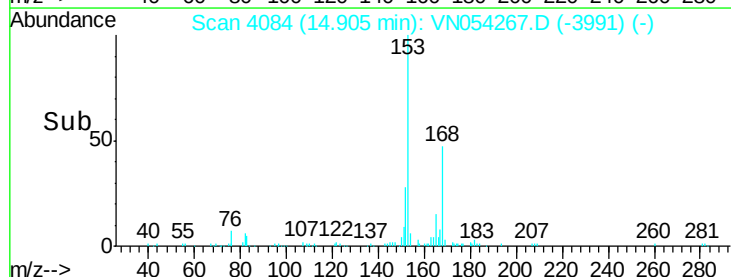
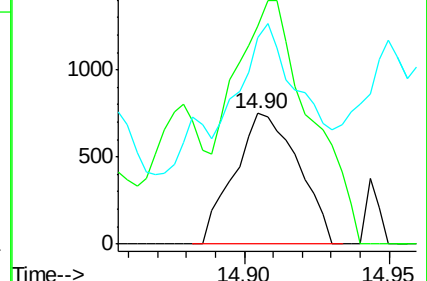
145 66.9 14.2 42.8#

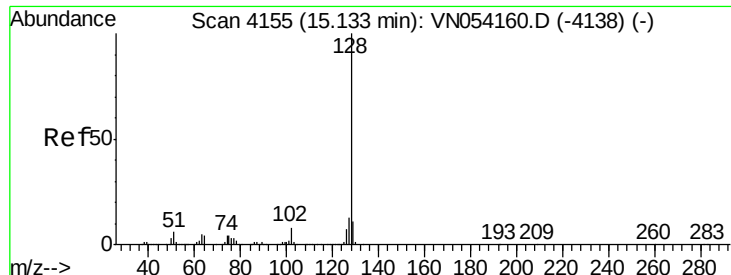


Abundance Ion 179.80 (179.50 to 180.50): VN054160.D (-4070) (-)

Ion 181.80 (181.50 to 182.50): VN054160.D (-4070) (-)

Ion 144.80 (144.50 to 145.50): VN054160.D (-4070) (-)





#95

Naphthalene

Concen: 38.223 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN054267.D

Acq: 14 Mar 2019 17:37

Instrument :

MSVOA_N

ClientSampleId :

MW-5A

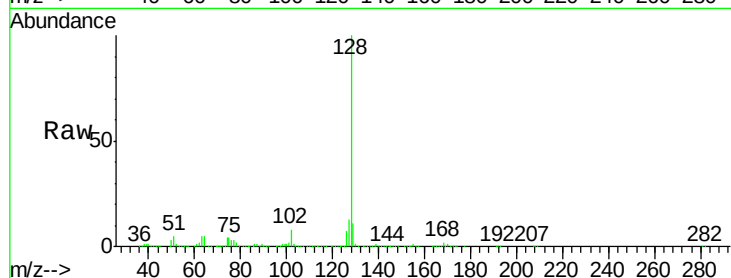
Tot Ion:128 Resp: 2086779

Ion Ratio Lower Upper

128 100

127 12.9 10.1 15.1

129 10.8 8.7 13.1



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

