

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031519\
 Data File : VN054315.D
 Acq On : 15 Mar 2019 17:48
 Operator : JC/SP
 Sample : K1899-03DL 10X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-4ADL

Quant Time: Mar 16 03:22:15 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	7.67	168	1288246	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2103797	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2239130	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	1082665	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	668984	48.90	ug/l	0.00
Spiked Amount			Recovery	=	97.80%	
35) Dibromofluoromethane	7.59	113	646178	47.62	ug/l	0.00
Spiked Amount			Recovery	=	95.24%	
50) Toluene-d8	10.09	98	2611730	52.12	ug/l	0.00
Spiked Amount			Recovery	=	104.24%	
62) 4-Bromofluorobenzene	12.40	95	1051142	59.95	ug/l	0.00
Spiked Amount			Recovery	=	119.90%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	3.95	142	283	1.511	ug/l #	58
13) Acrolein	3.59	56	517	0.582	ug/l #	7
16) Acetone	3.82	43	3932	1.004	ug/l	93
18) Methyl Acetate	4.33	43	1897	0.239	ug/l #	76
29) Tetrahydrofuran	7.22	42	1505	0.509	ug/l #	69
31) Cyclohexane	7.66	56	18517	Below Cal	#	1
36) 1,1-Dichloropropene	7.67	75	73135	3.775	ug/l #	43
38) Carbon Tetrachloride	7.66	117	103904	5.114	ug/l #	15
40) Benzene	8.04	78	51819	0.935	ug/l	98
51) 4-Methyl-2-Pentanone	9.99	43	2445	0.236	ug/l	88
52) Toluene	10.16	92	28957	0.824	ug/l	99
53) t-1,3-Dichloropropene	10.16	75	144	1.992	ug/l #	1
59) 2-Hexanone	10.72	43	3021	0.439	ug/l #	23
67) Ethyl Benzene	11.51	91	260695	3.199	ug/l	99
68) m/p-Xylenes	11.62	106	122306	3.840	ug/l	99
69) o-Xylene	11.95	106	89223	2.873	ug/l	96
71) Bromoform	12.40	173	6771	2.825	ug/l #	1
73) Isopropylbenzene	12.25	105	111940	1.292	ug/l	98
76) 1,2,3-Trichloropropane	12.40	75	492647	30.943	ug/l #	100
77) Bromobenzene	12.54	156	95712	4.176	ug/l #	1
78) n-propylbenzene	12.59	91	56818	0.605	ug/l	98
80) 1,3,5-Trimethylbenzene	12.73	105	323691	4.493	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.40	75	492647	105.777	ug/l #	11
82) 4-Chlorotoluene	12.73	91	33912	0.601	ug/l #	39
83) tert-Butylbenzene	13.04	119	111982	1.689	ug/l #	71
84) 1,2,4-Trimethylbenzene	13.04	105	885322	12.525	ug/l	99
85) sec-Butylbenzene	13.04	105	885322	10.294	ug/l #	55
86) p-Isopropyltoluene	13.29	119	222346	2.947	ug/l	99
89) n-Butylbenzene	13.54	91	612837	10.690	ug/l #	42
90) Hexachloroethane	13.89	117	23016	1.842	ug/l #	2
92) 1,2-Dibromo-3-Chloropropan	14.27	75	16970	5.942	ug/l #	1
93) 1,2,4-Trichlorobenzene	14.91	180	1198	2.566	ug/l #	87
95) Naphthalene	15.13	128	14954963	296.550	ug/l	100

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QLast Update : Wed Mar 13 03:33:31 2019
Response via : Initial Calibration

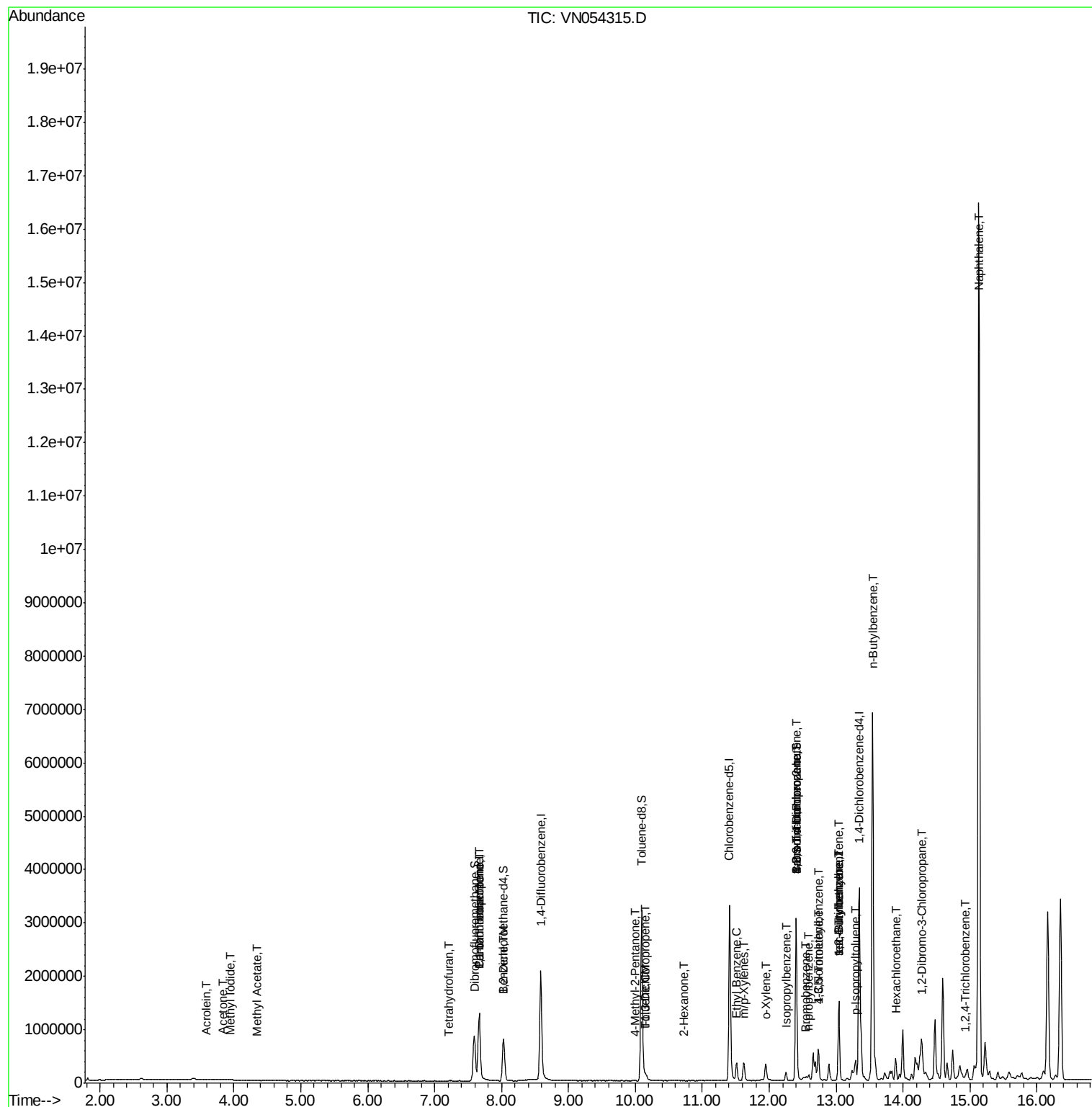
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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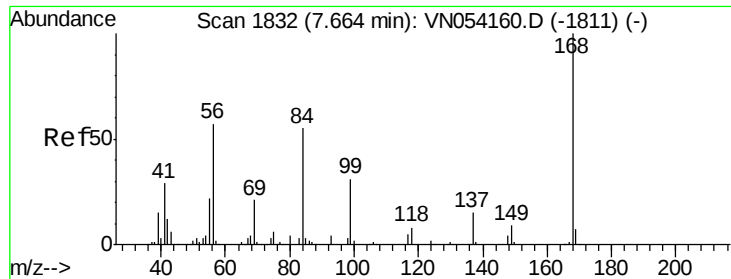
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN054315.D

Acq: 15 Mar 2019 17:48

Instrument :

MSVOA_N

ClientSampled :

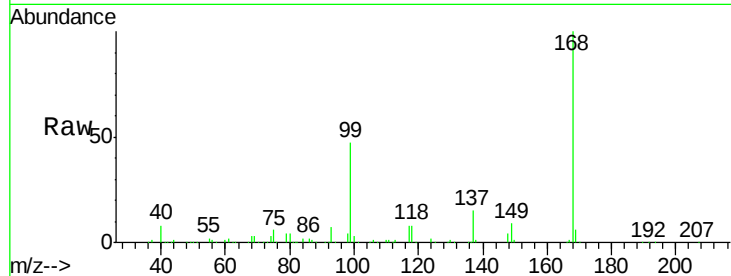
MW-4ADL

Tot Ion:168 Resp: 1288246

Ion Ratio Lower Upper

168 100

99 47.0 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

500000

400000

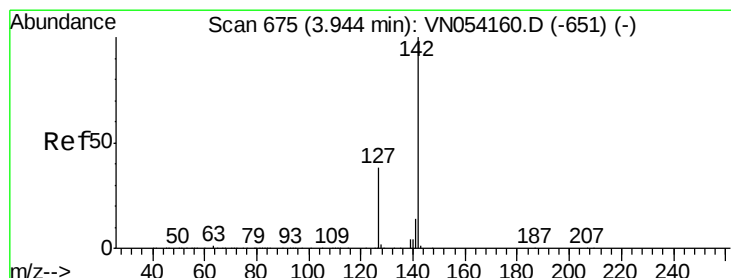
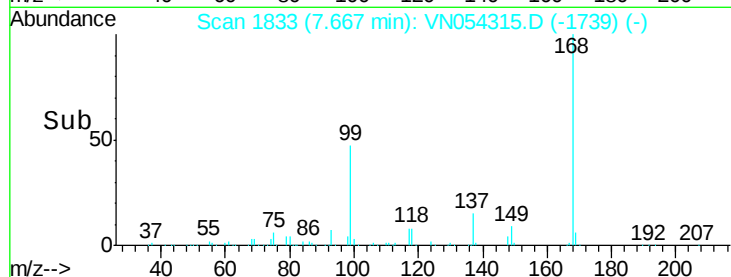
300000

200000

100000

0

Time-->



#10

Methyl Iodide

Concen: 1.511 ug/l

RT: 3.95 min Scan# 678

Delta R.T. 0.01 min

Lab File: VN054315.D

Acq: 15 Mar 2019 17:48

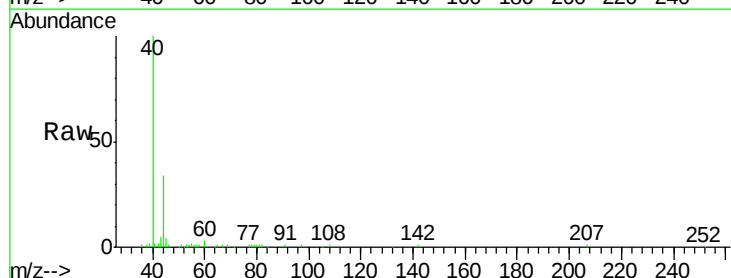
Tgt Ion:142 Resp: 283

Ion Ratio Lower Upper

142 100

127 10.6 30.3 45.5#

141 0.0 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

3.95

500

400

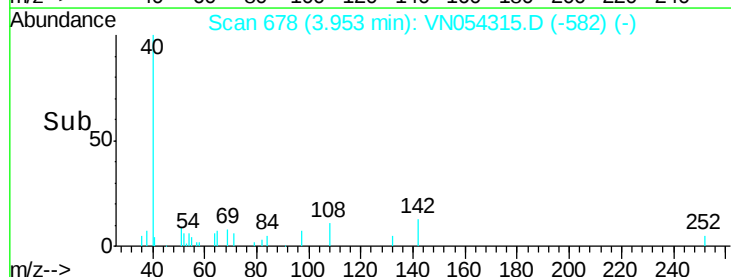
300

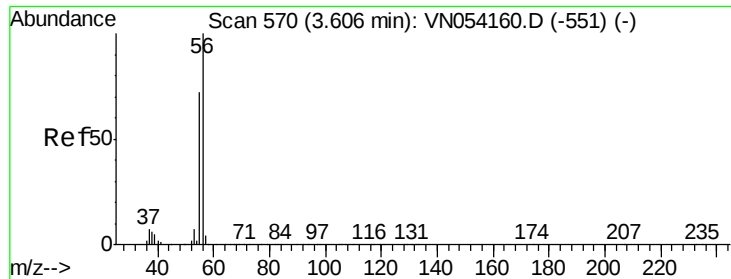
200

100

0

Time-->





#13

Acrolein

Concen: 0.582 ug/l

RT: 3.59 min Scan# 564

Delta R.T. -0.02 min

Lab File: VN054315.D

Acq: 15 Mar 2019 17:48

Instrument :

MSVOA_N

ClientSampleId :

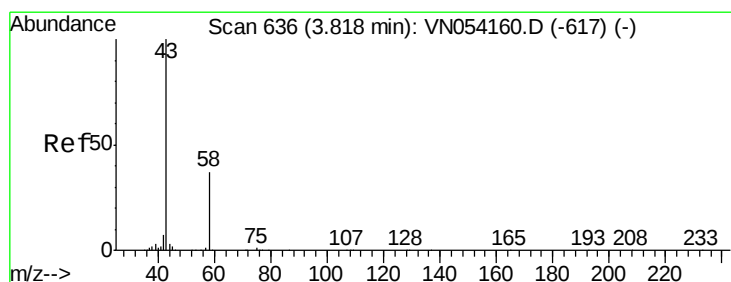
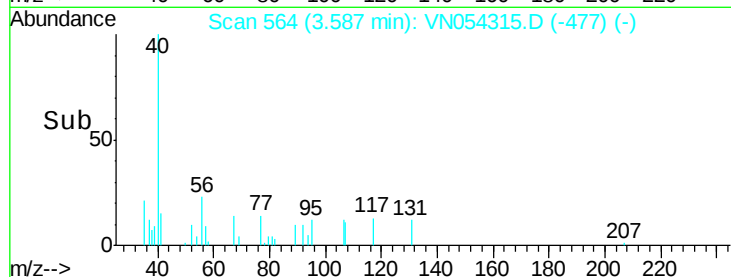
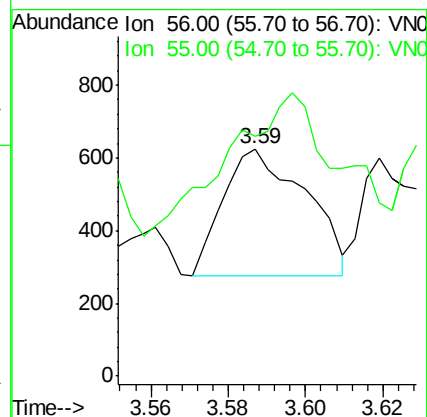
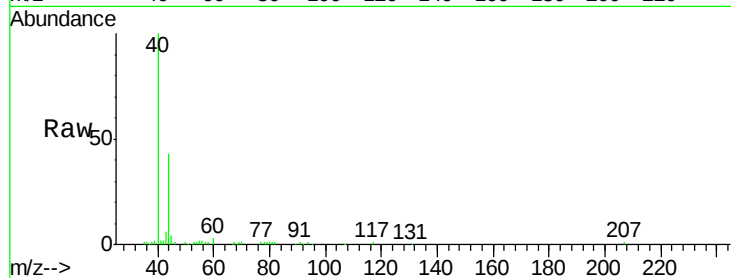
MW-4ADL

Tot Ion: 56 Resp: 517

Ion Ratio Lower Upper

56 100

55 147.4 56.7 85.1#



#16

Acetone

Concen: 1.004 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN054315.D

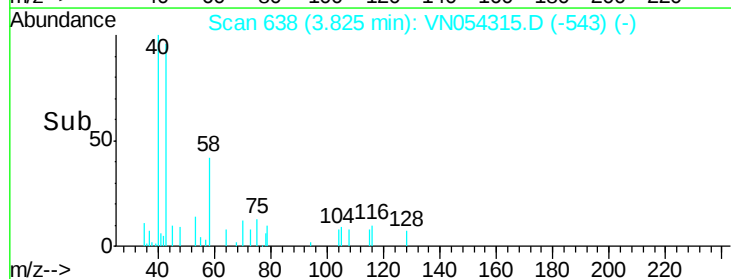
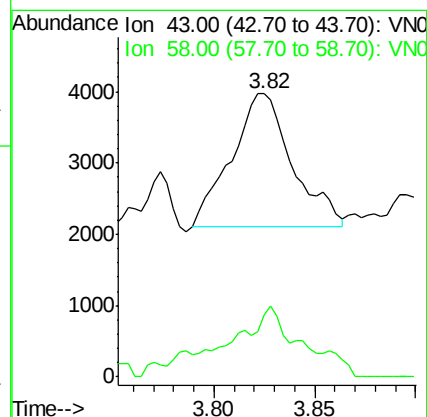
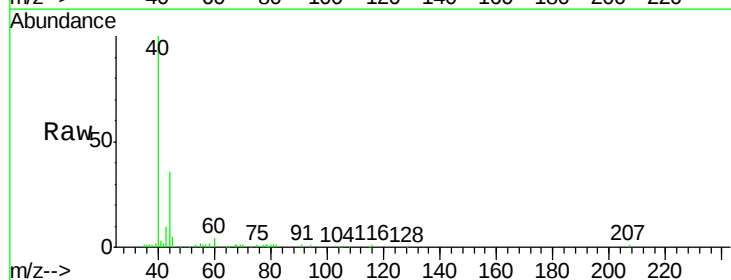
Acq: 15 Mar 2019 17:48

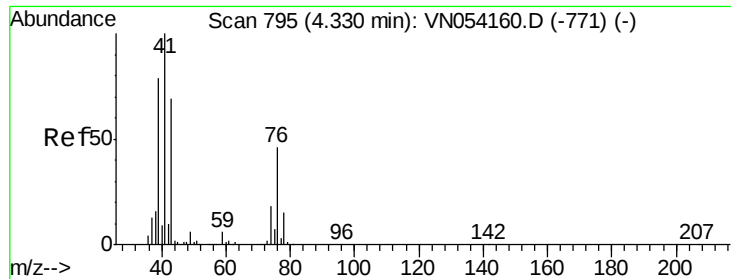
Tgt Ion: 43 Resp: 3932

Ion Ratio Lower Upper

43 100

58 33.2 29.9 44.9

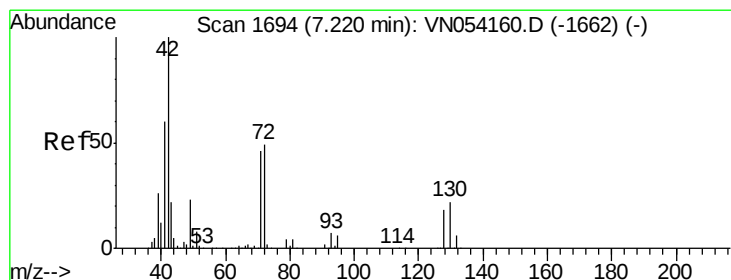
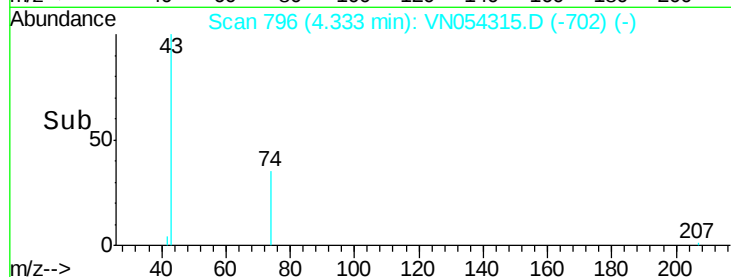
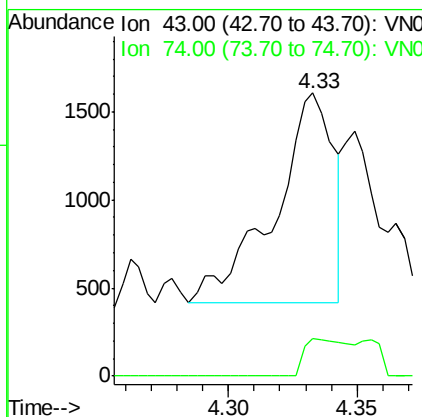
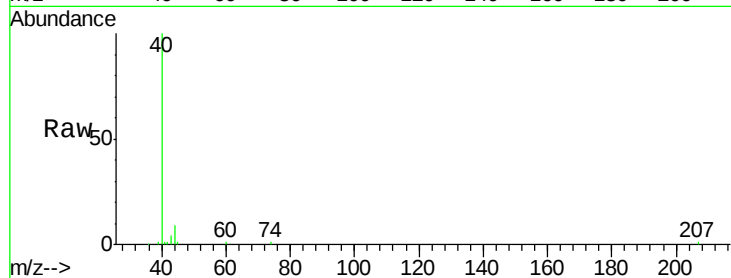




#18
Methvl Acetate
Concen: 0.239 ug/l
RT: 4.33 min Scan# 796
Delta R.T. 0.00 min
Lab File: VN054315.D
Acq: 15 Mar 2019 17:48

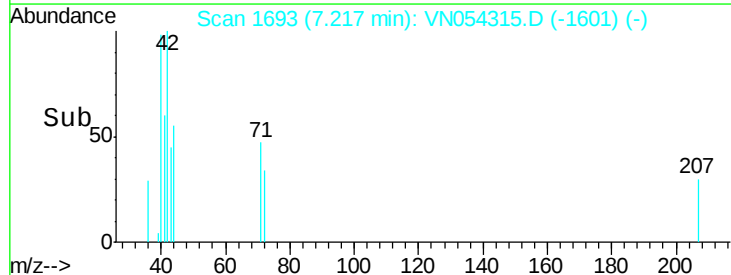
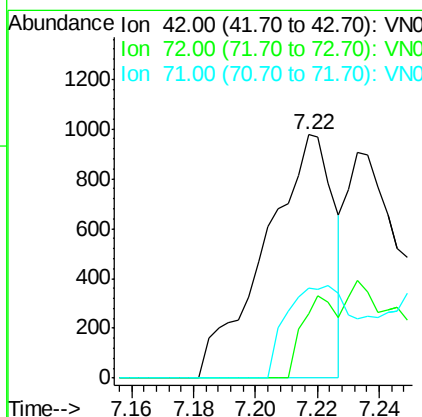
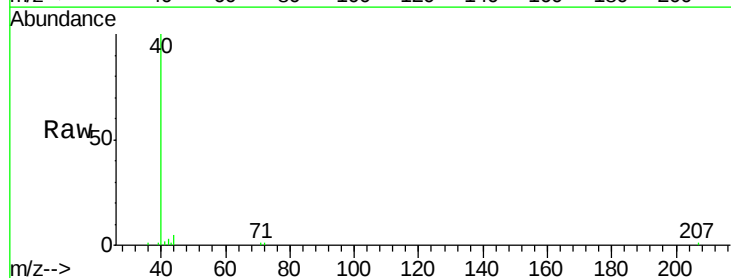
Instrument :
MSVOA_N
ClientSampled :
MW-4ADL

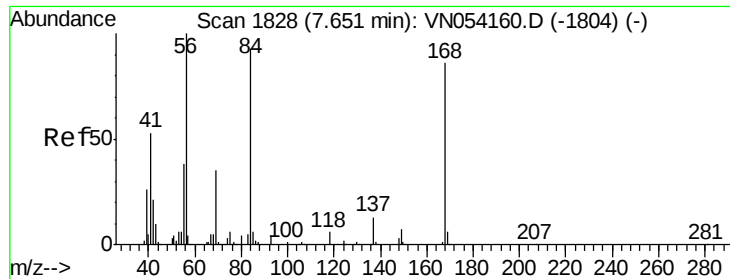
Tot Ion: 43 Resp: 1897
Ion Ratio Lower Upper
43 100
74 13.7 20.8 31.2#



#29
Tetrahydrofuran
Concen: 0.509 ug/l
RT: 7.22 min Scan# 1693
Delta R.T. -0.00 min
Lab File: VN054315.D
Acq: 15 Mar 2019 17:48

Tgt Ion: 42 Resp: 1505
Ion Ratio Lower Upper
42 100
72 17.1 37.8 56.6#
71 35.0 36.2 54.2#

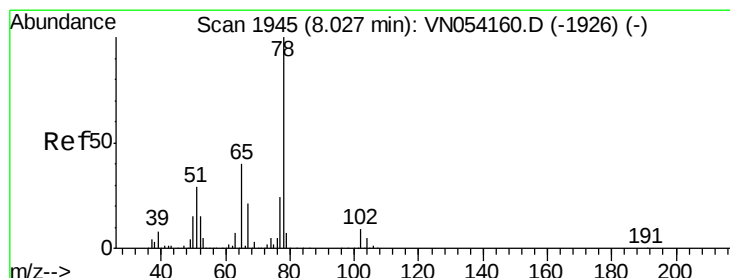
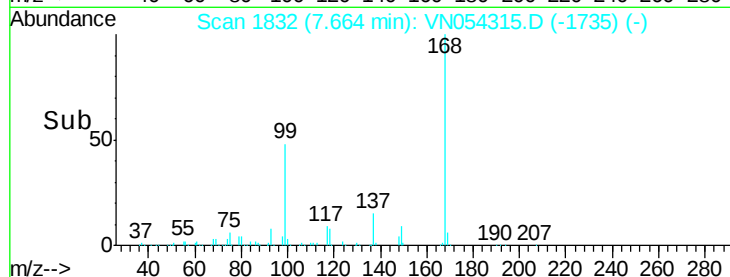
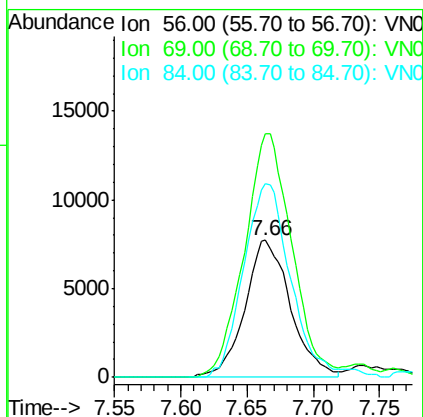
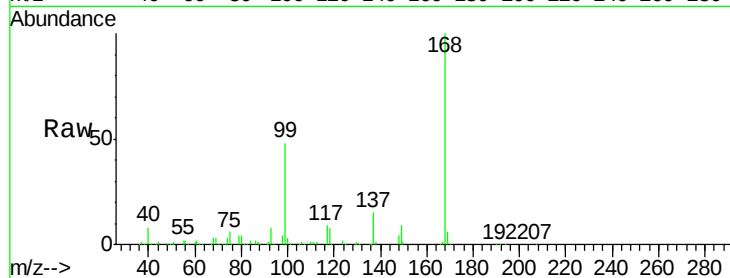




#31
Cyclohexane
Concen: Below Cal
RT: 7.66 min Scan# 1832
Delta R.T. 0.01 min
Lab File: VN054315.D
Acq: 15 Mar 2019 17:48

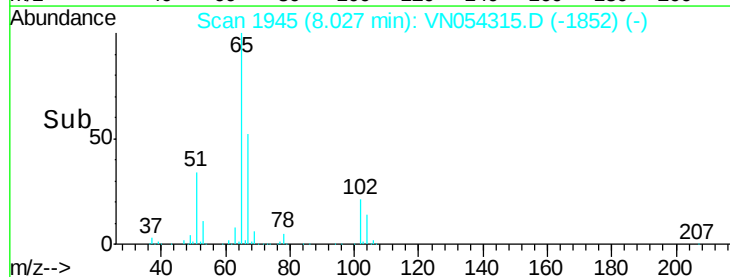
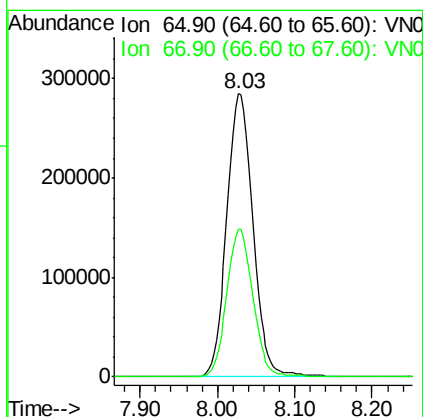
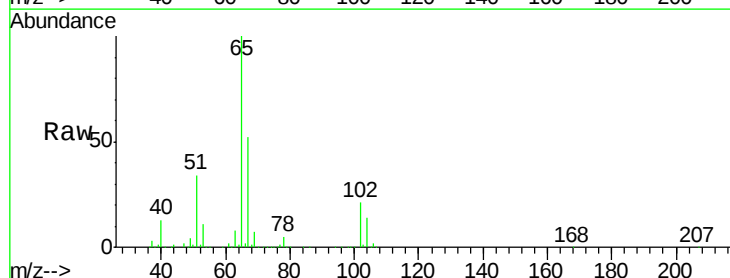
Instrument :
MSVOA_N
ClientSampleId :
MW-4ADL

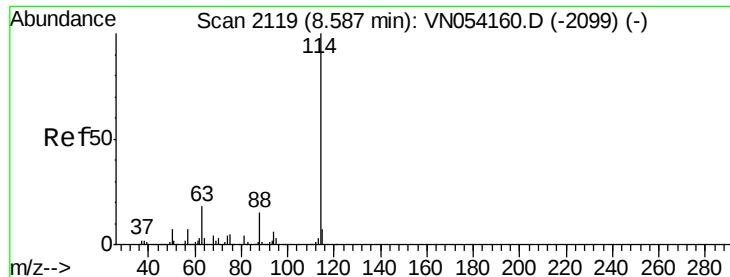
Tot Ion: 56 Resp: 18517
Ion Ratio Lower Upper
56 100
69 177.5 27.8 41.6#
84 141.0 74.6 111.8#



#33
1,2-Dichloroethane-d4
Concen: 48.898 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN054315.D
Acq: 15 Mar 2019 17:48

Tgt Ion: 65 Resp: 668984
Ion Ratio Lower Upper
65 100
67 52.0 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: VN054315.D

Acq: 15 Mar 2019 17:48

Instrument :

MSVOA_N

ClientSampleId :

MW-4ADL

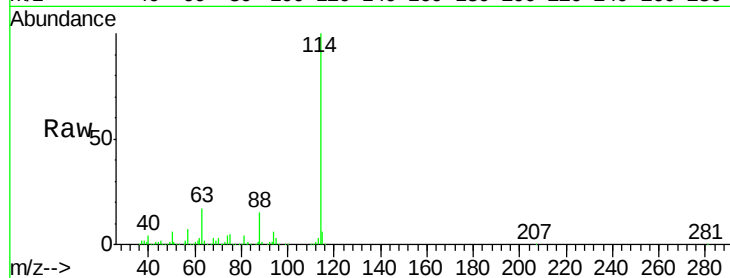
Tot Ion:114 Resp: 2103797

Ion Ratio Lower Upper

114 100

63 17.1 0.0 35.2

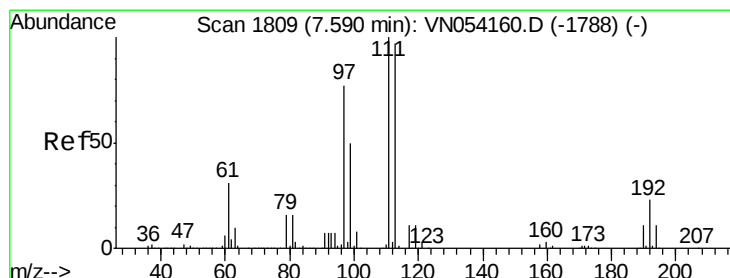
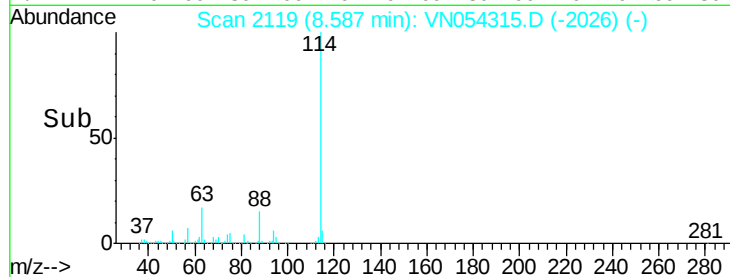
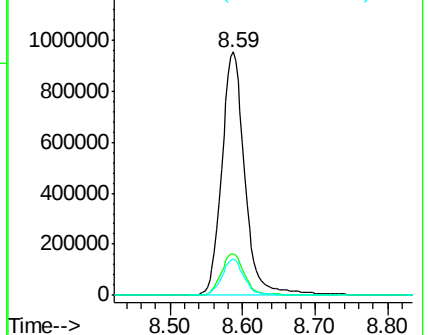
88 14.9 0.0 30.2



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: 47.623 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN054315.D

Acq: 15 Mar 2019 17:48

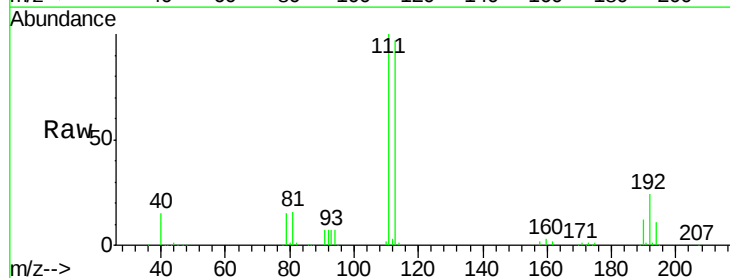
Tgt Ion:113 Resp: 646178

Ion Ratio Lower Upper

113 100

111 100.7 82.2 123.4

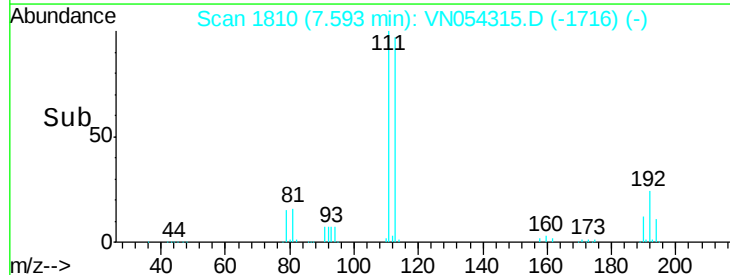
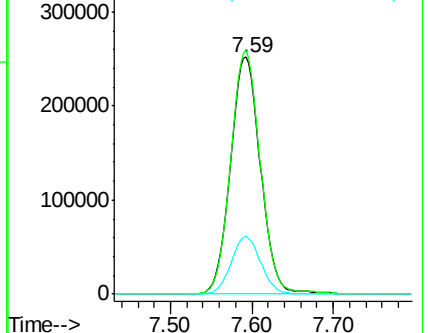
192 24.0 19.2 28.8

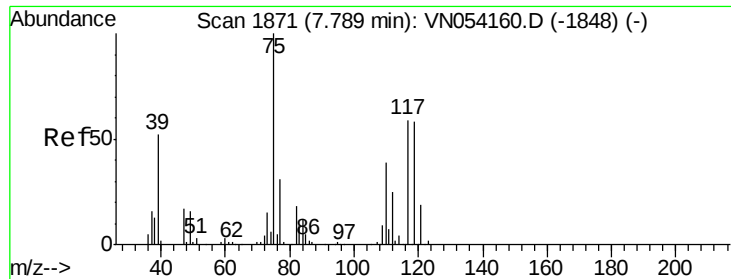


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

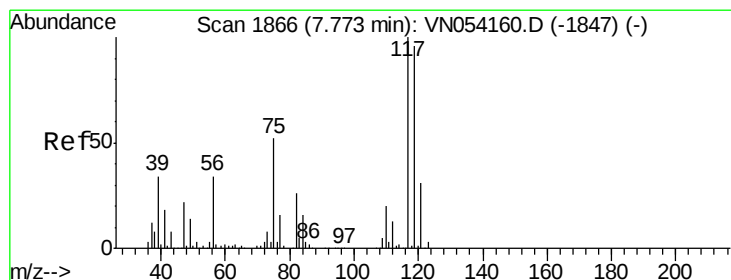
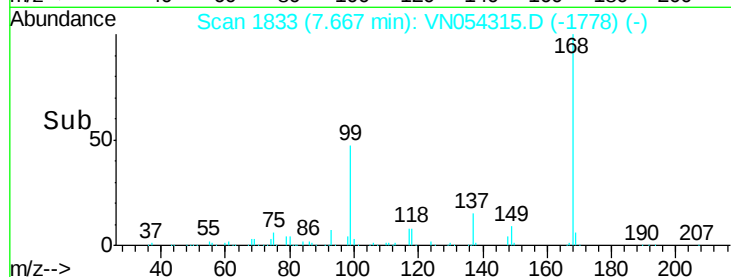
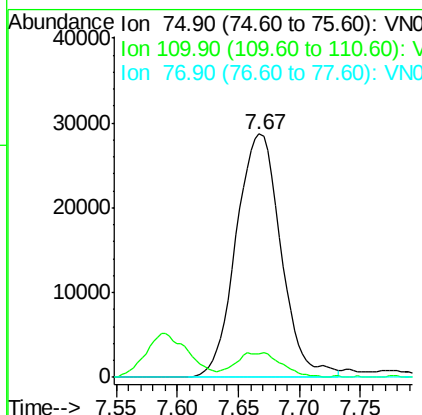
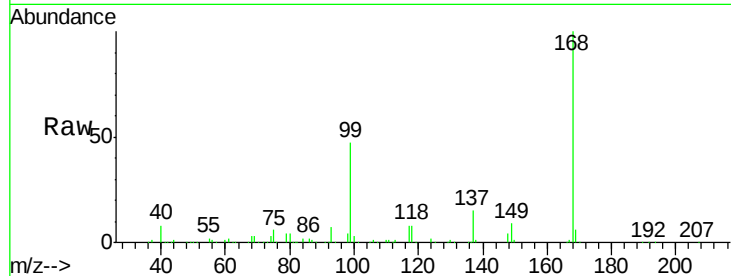




#36
 1,1-Dichloropropene
 Concen: 3.775 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.12 min
 Lab File: VN054315.D
 Acq: 15 Mar 2019 17:48

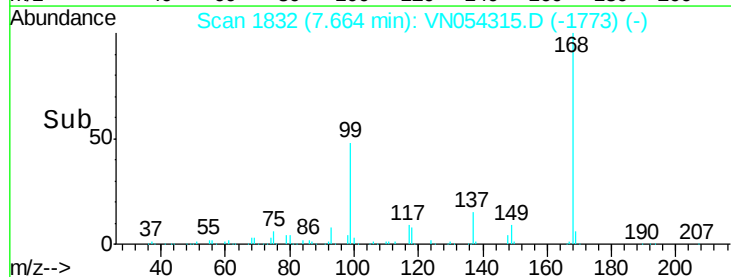
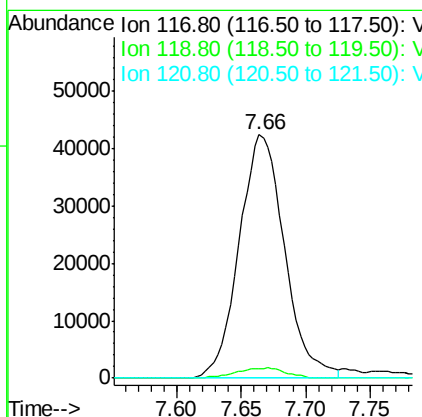
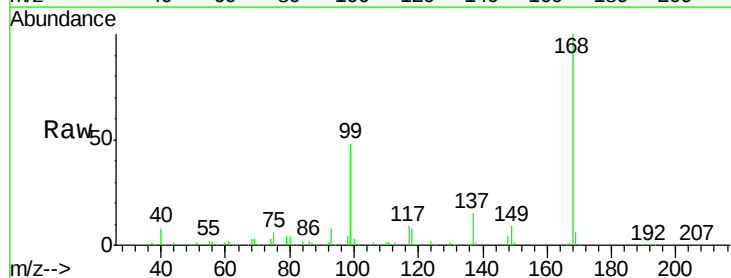
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-4ADL

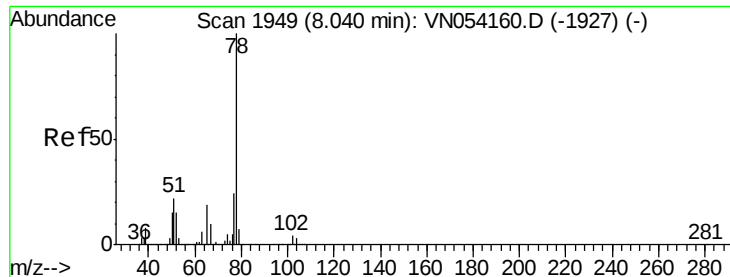
Tot Ion	75	Resp	73135
Ion Ratio	100	Lower	Upper
75	100		
110	3.1	19.1	57.5#
77	0.0	25.0	37.4#



#38
 Carbon Tetrachloride
 Concen: 5.114 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.11 min
 Lab File: VN054315.D
 Acq: 15 Mar 2019 17:48

Tgt Ion	117	Resp	103904
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
117	100		
119	3.6	76.3	114.5#
121	0.0	24.6	36.8#





#40

Benzene

Concen: 0.935 ug/l

RT: 8.04 min Scan# 1949

Delta R.T. 0.00 min

Lab File: VN054315.D

Acq: 15 Mar 2019 17:48

Instrument :

MSVOA_N

ClientSampleId :

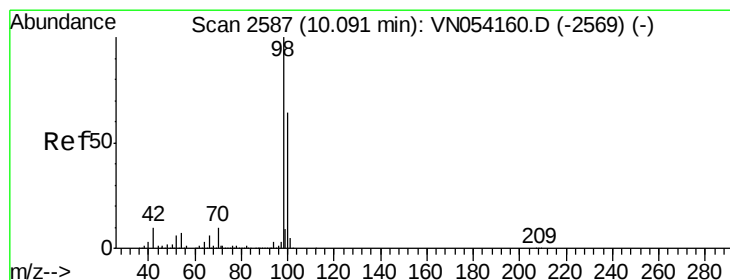
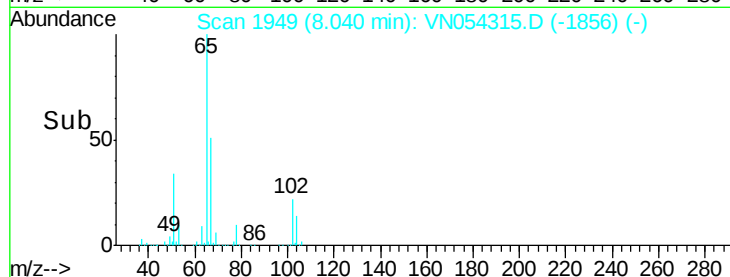
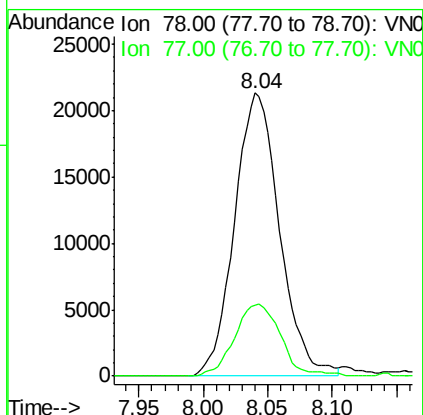
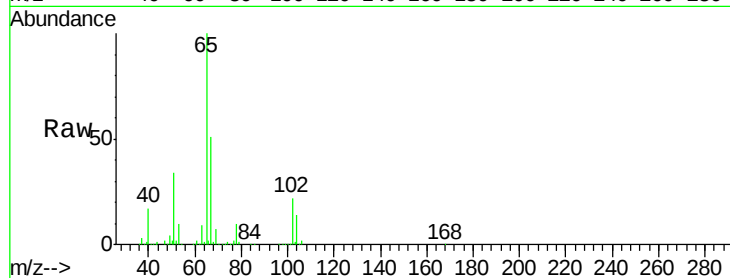
MW-4ADL

Tot Ion: 78 Resp: 51819

Ion Ratio Lower Upper

78 100

77 25.1 19.1 28.7



#50

Toluene-d8

Concen: 52.119 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN054315.D

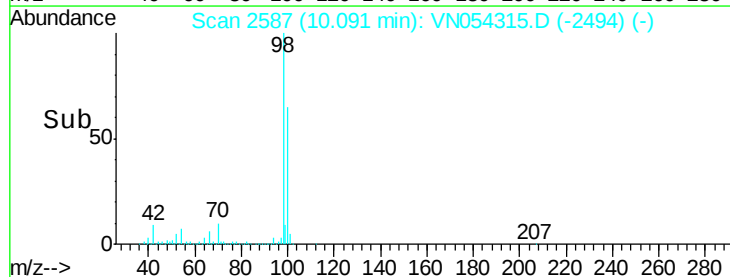
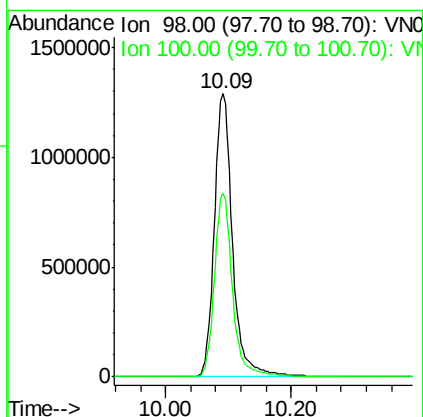
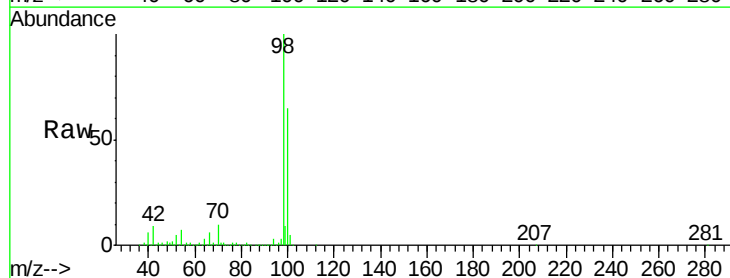
Acq: 15 Mar 2019 17:48

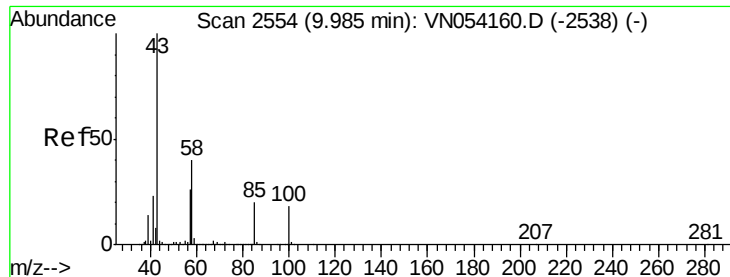
Tgt Ion: 98 Resp: 2611730

Ion Ratio Lower Upper

98 100

100 64.2 51.2 76.8





#51

4-Methyl-2-Pentanone

Concen: 0.236 ug/l

RT: 9.99 min Scan# 2555

Delta R.T. 0.00 min

Lab File: VN054315.D

Acq: 15 Mar 2019 17:48

Instrument :

MSVOA_N

ClientSampled :

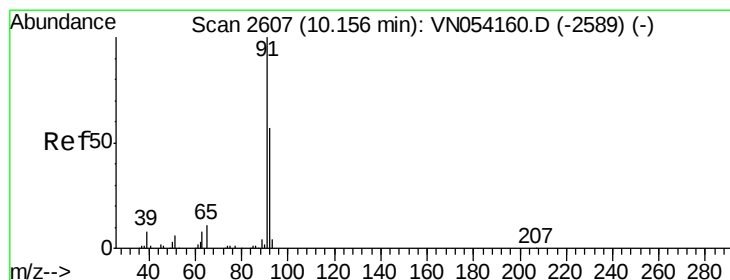
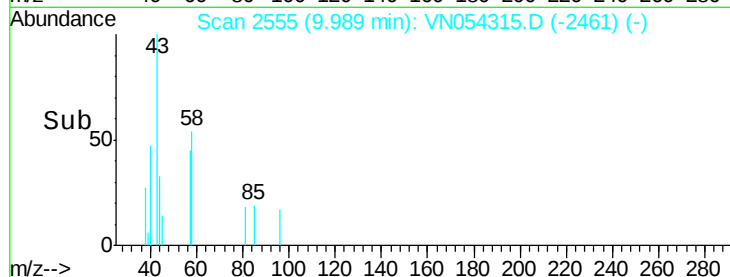
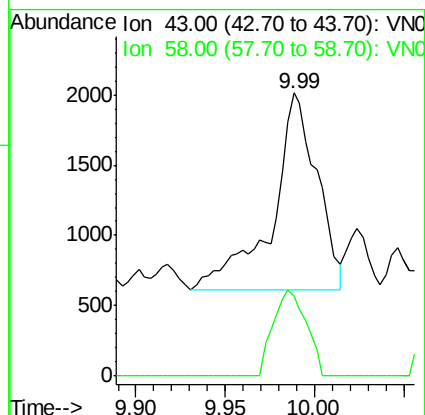
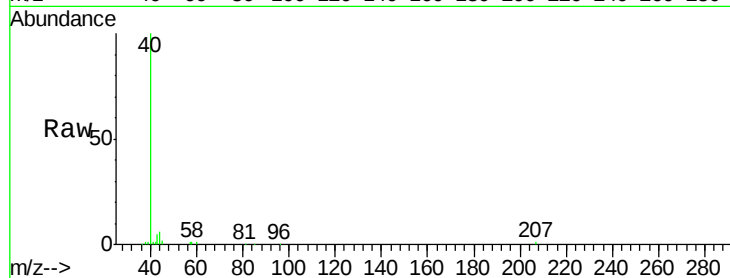
MW-4ADL

Tot Ion: 43 Resp: 2445

Ion Ratio Lower Upper

43 100

58 32.3 31.8 47.6



#52

Toluene

Concen: 0.824 ug/l

RT: 10.16 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN054315.D

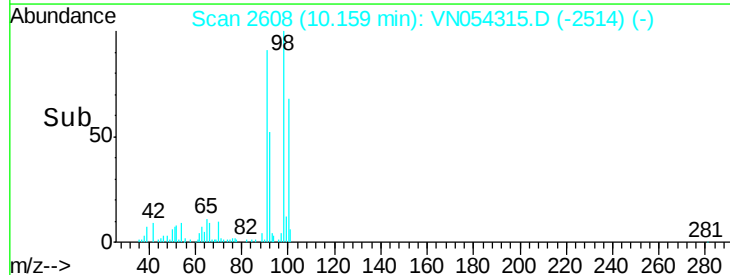
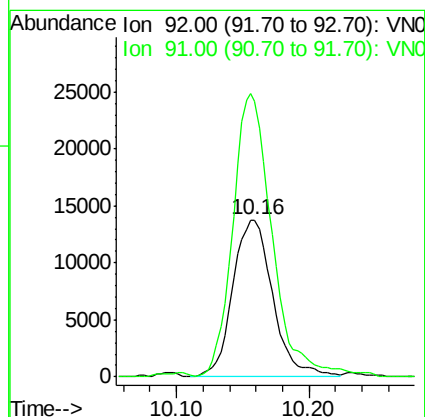
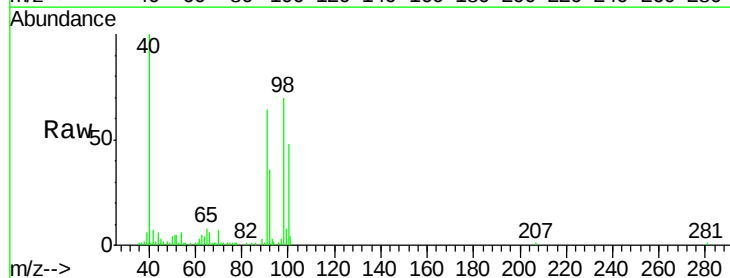
Acq: 15 Mar 2019 17:48

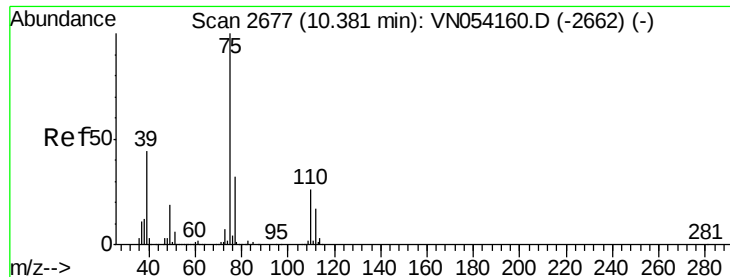
Tgt Ion: 92 Resp: 28957

Ion Ratio Lower Upper

92 100

91 177.5 140.7 211.1





#53

t-1,3-Dichloropropene

Concen: 1.992 ug/l

RT: 10.16 min Scan# 2608

Delta R.T. -0.22 min

Lab File: VN054315.D

Acq: 15 Mar 2019 17:48

Instrument :

MSVOA_N

ClientSampled :

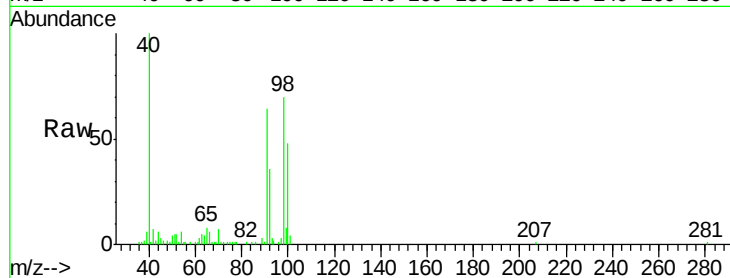
MW-4ADL

Tot Ion: 75 Resp: 144

Ion Ratio Lower Upper

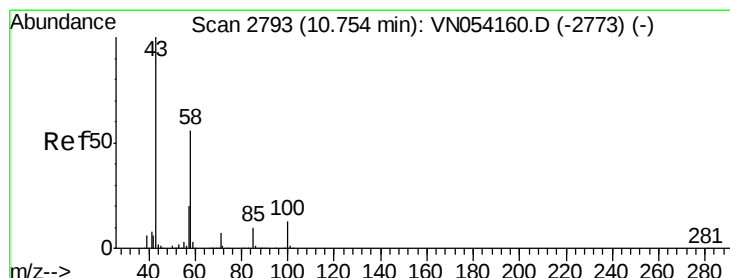
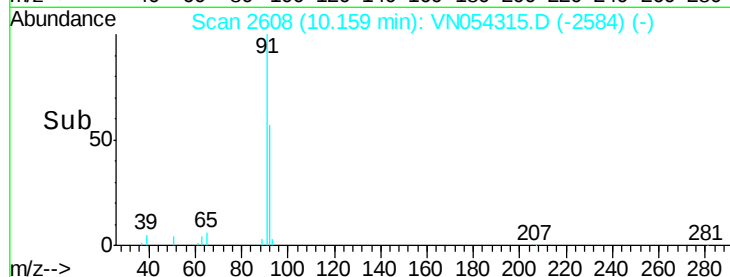
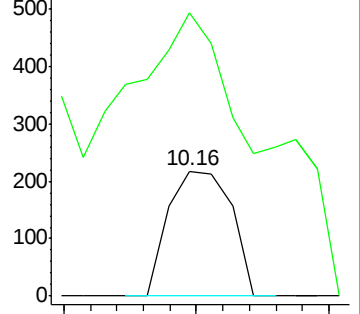
75 100

77 107.3 25.8 38.8#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#59

2-Hexanone

Concen: 0.439 ug/l

RT: 10.72 min Scan# 2784

Delta R.T. -0.03 min

Lab File: VN054315.D

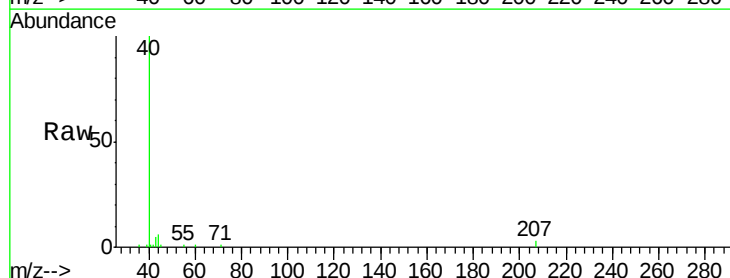
Acq: 15 Mar 2019 17:48

Tgt Ion: 43 Resp: 3021

Ion Ratio Lower Upper

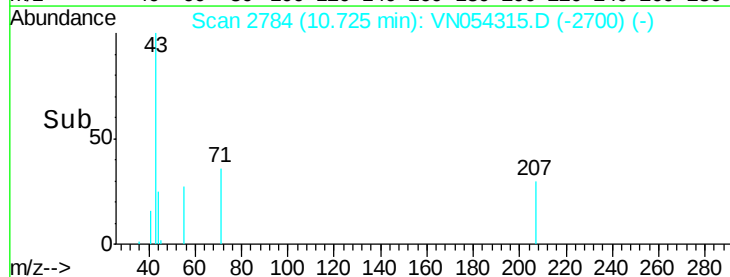
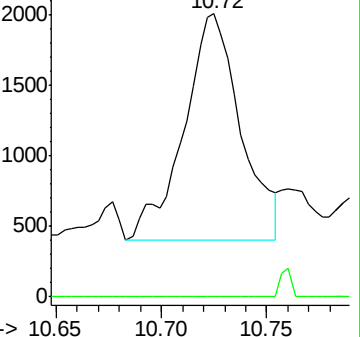
43 100

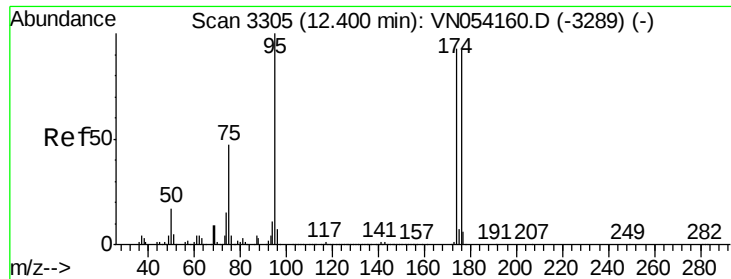
58 0.0 28.0 83.9#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#62

4-Bromofluorobenzene

Concen: 59.949 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN054315.D

Acq: 15 Mar 2019 17:48

Instrument :

MSVOA_N

ClientSampleId :

MW-4ADL

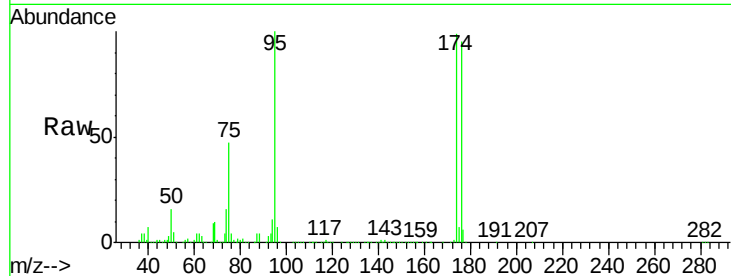
Tot Ion: 95 Resp: 1051142

Ion Ratio Lower Upper

95 100

174 98.2 0.0 191.0

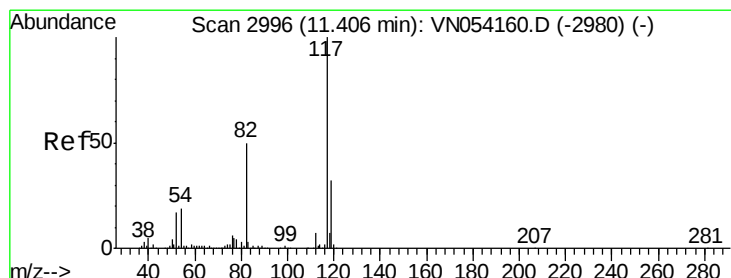
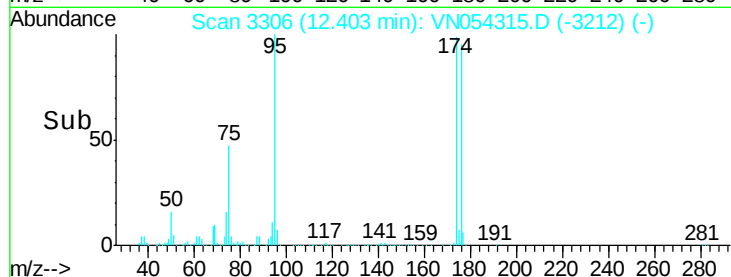
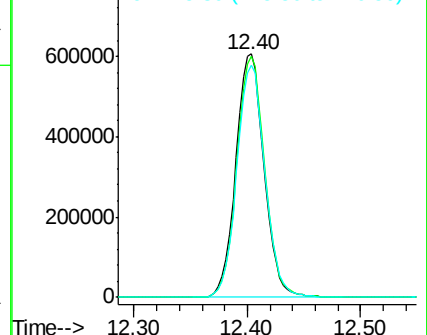
176 95.2 0.0 187.4



Abundance Ion 94.90 (94.60 to 95.60): VN054160.D (-3289) (-)

Ion 173.80 (173.50 to 174.50): VN054160.D (-3289) (-)

Ion 175.80 (175.50 to 176.50): VN054160.D (-3289) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN054315.D

Acq: 15 Mar 2019 17:48

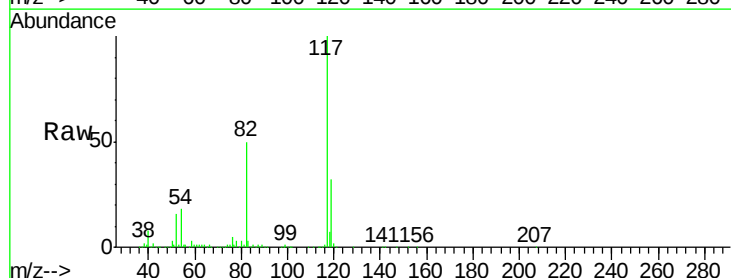
Tgt Ion: 117 Resp: 2239130

Ion Ratio Lower Upper

117 100

82 50.0 40.0 60.0

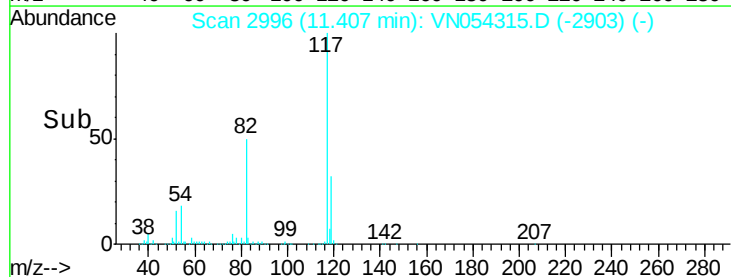
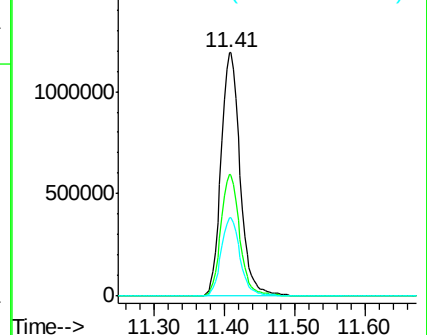
119 32.0 25.8 38.6

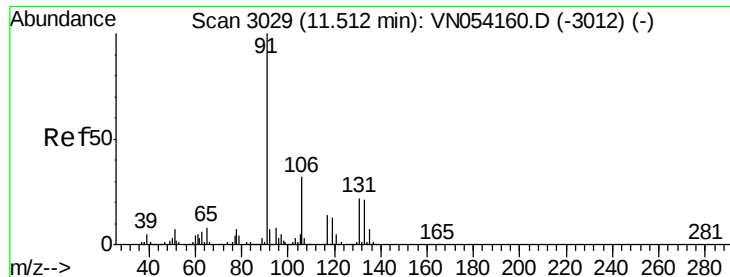


Abundance Ion 116.90 (116.60 to 117.60): VN054160.D (-2980) (-)

Ion 82.00 (81.70 to 82.70): VN054160.D (-2980) (-)

Ion 118.90 (118.60 to 119.60): VN054160.D (-2980) (-)

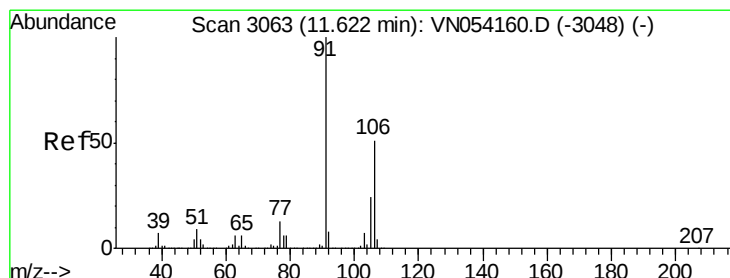
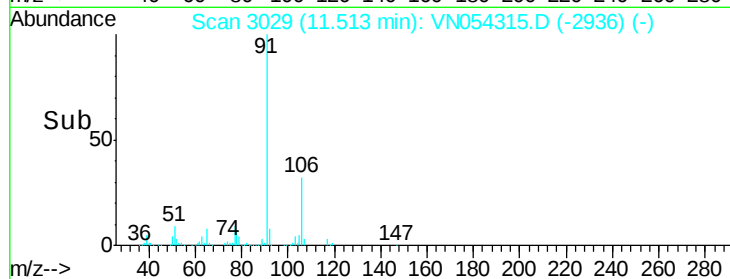
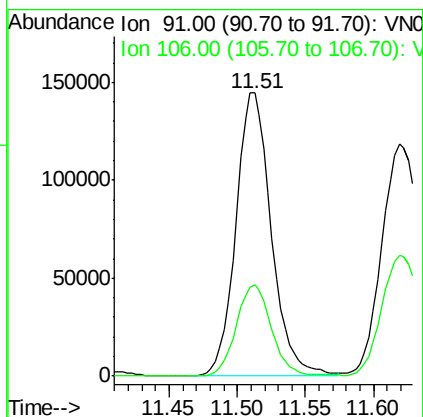
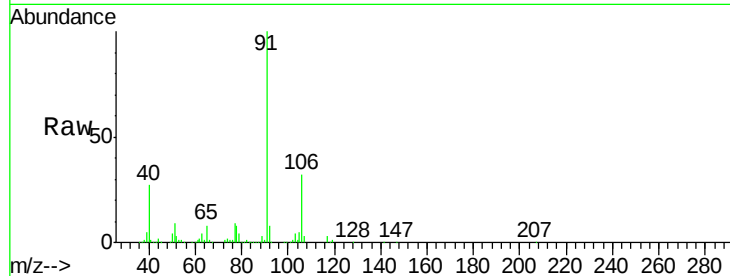




#67
Ethyl Benzene
Concen: 3.199 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN054315.D
Acq: 15 Mar 2019 17:48

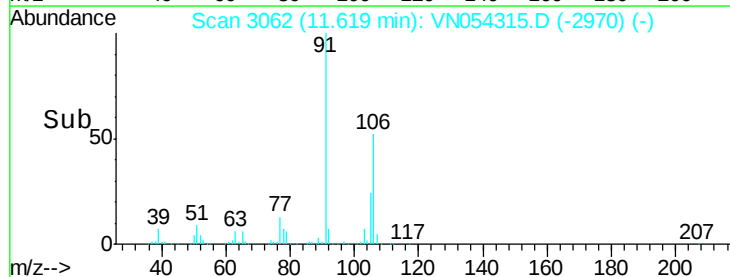
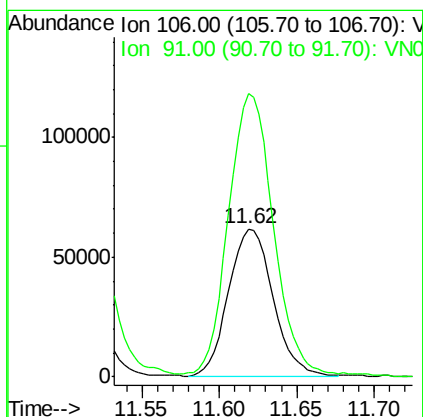
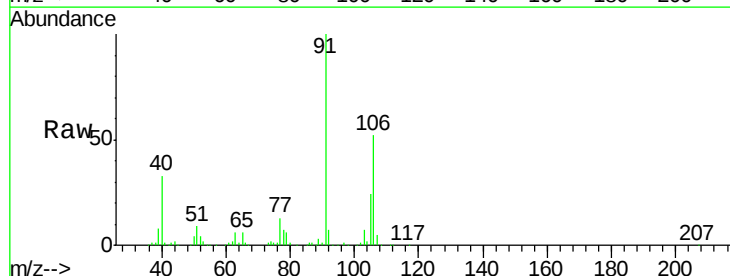
Instrument :
MSVOA_N
ClientSampled :
MW-4ADL

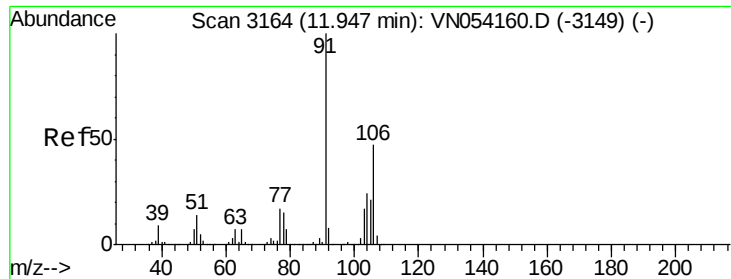
Tot Ion: 91 Resp: 260695
Ion Ratio Lower Upper
91 100
106 32.3 25.5 38.3



#68
m/p-Xylenes
Concen: 3.840 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN054315.D
Acq: 15 Mar 2019 17:48

Tgt Ion: 106 Resp: 122306
Ion Ratio Lower Upper
106 100
91 198.2 159.4 239.2

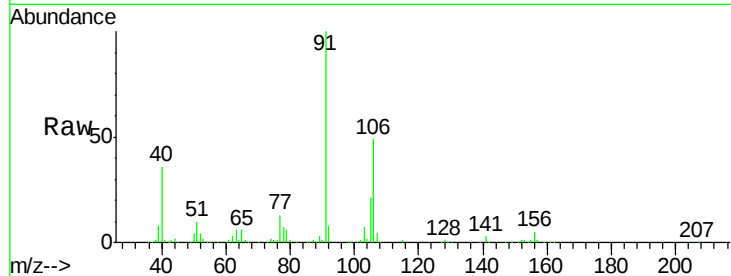




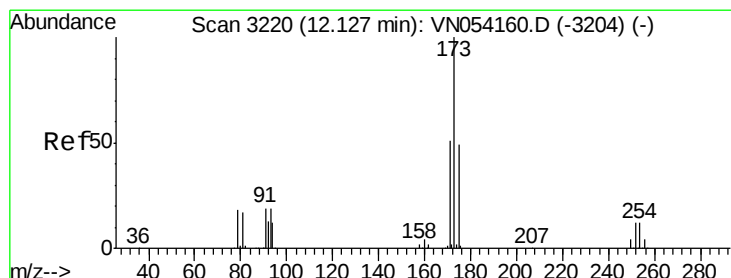
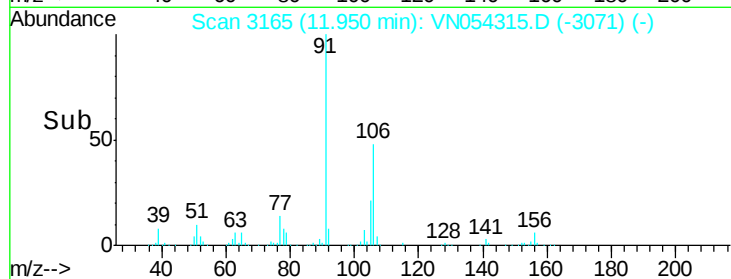
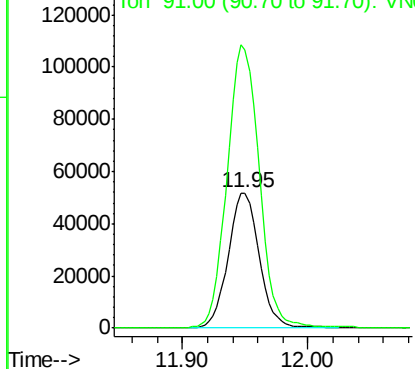
#69
o-Xylene
Concen: 2.873 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN054315.D
Acq: 15 Mar 2019 17:48

Instrument :
MSVOA_N
ClientSampled :
MW-4ADL

Tot Ion:106 Resp: 89223
Ion Ratio Lower Upper
106 100
91 217.3 105.7 317.1

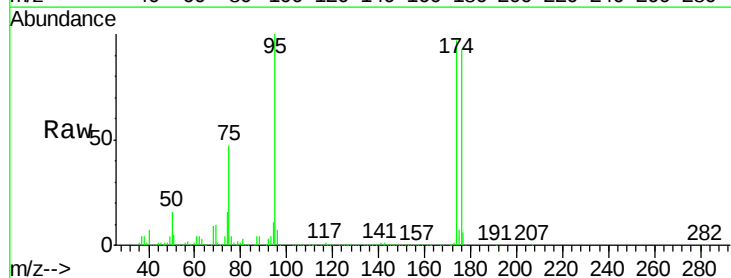


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN0

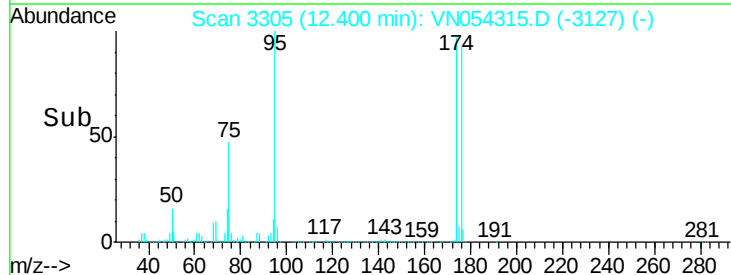
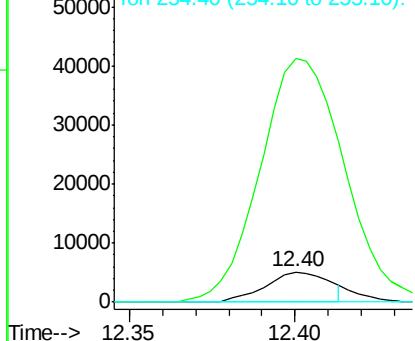


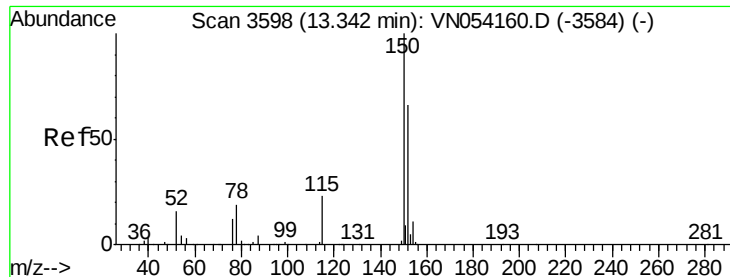
#71
Bromoform
Concen: 2.825 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.27 min
Lab File: VN054315.D
Acq: 15 Mar 2019 17:48

Tgt Ion:173 Resp: 6771
Ion Ratio Lower Upper
173 100
175 913.3 24.4 73.2#
254 0.0 0.1 0.1#



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





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN054315.D

Acq: 15 Mar 2019 17:48

Instrument :

MSVOA_N

ClientSampled :

MW-4ADL

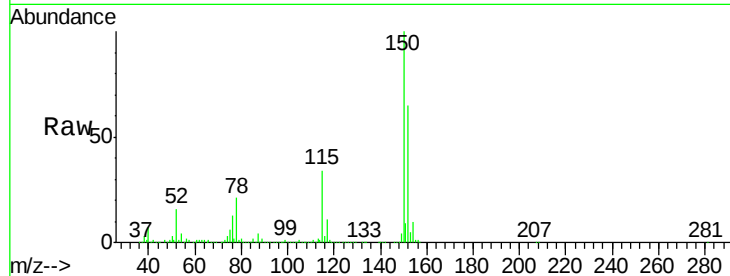
Tot Ion:152 Resp: 1082665

Ion Ratio Lower Upper

152 100

115 54.6 27.2 81.6

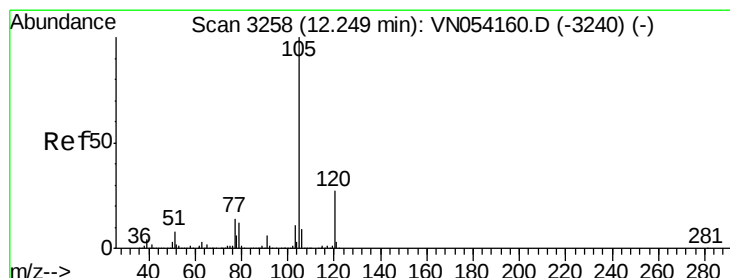
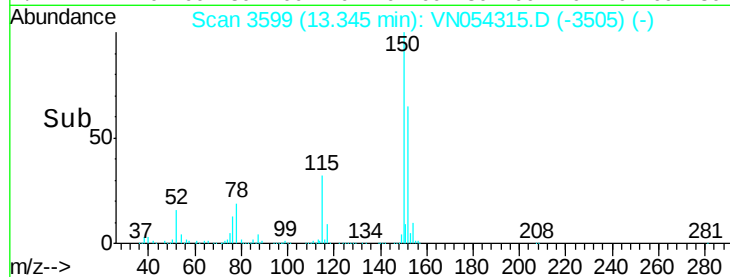
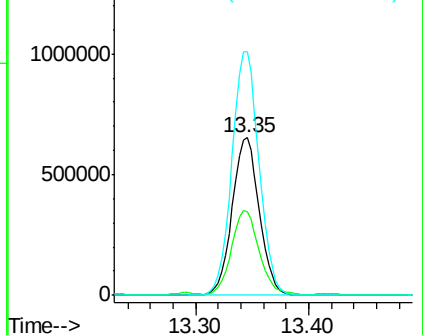
150 155.4 0.0 349.2



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: 1.292 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN054315.D

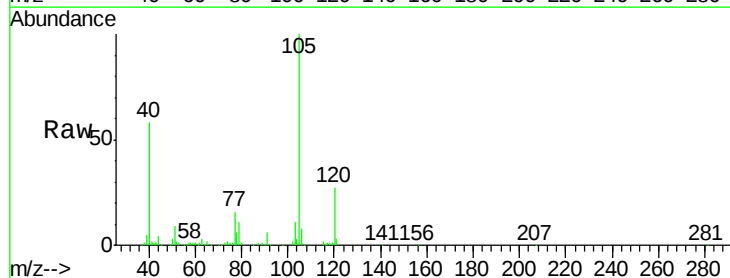
Acq: 15 Mar 2019 17:48

Tgt Ion:105 Resp: 111940

Ion Ratio Lower Upper

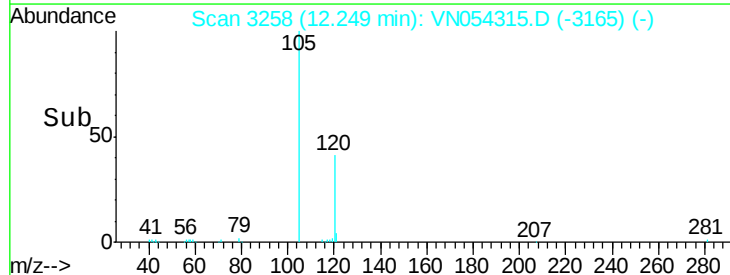
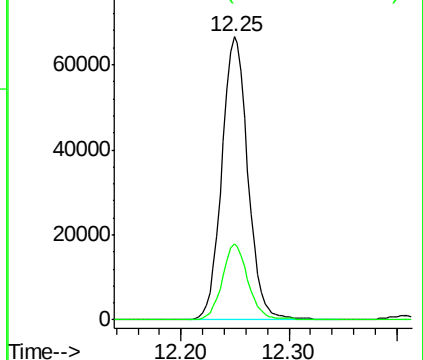
105 100

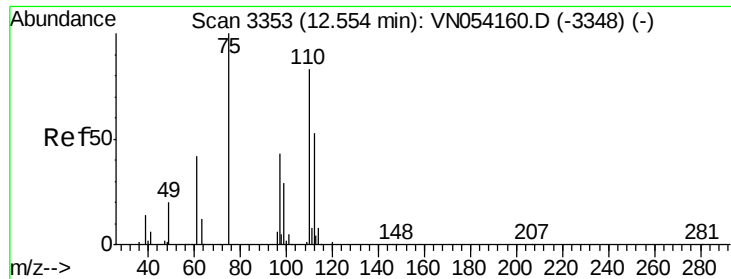
120 26.5 13.8 41.3



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: 30.943 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN054315.D

Acq: 15 Mar 2019 17:48

Instrument :

MSVOA_N

ClientSampled :

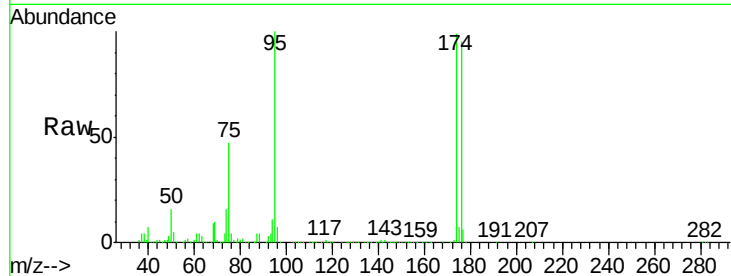
MW-4ADL

Tot Ion: 75 Resp: 492647

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN054315.D (-3306) (-)

Ion 77.00 (76.70 to 77.70): VN054315.D (-3306) (-)

12.40

300000

250000

200000

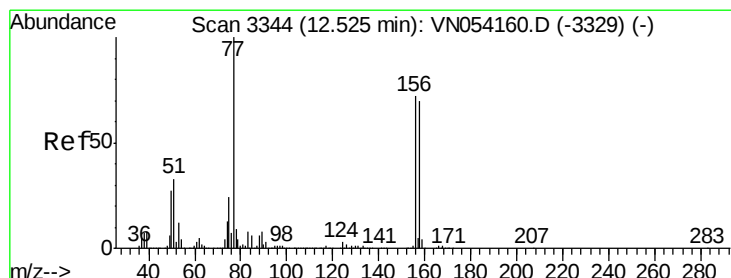
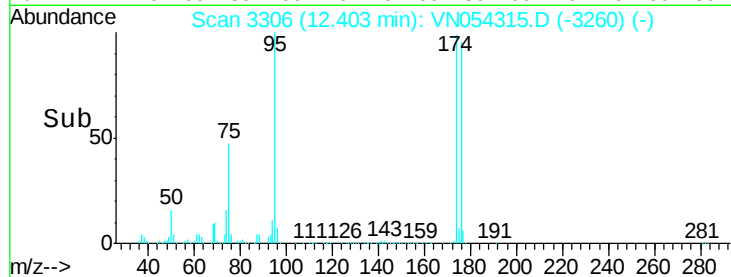
150000

100000

50000

0

Time--> 12.30 12.40 12.50



#77

Bromobenzene

Concen: 4.176 ug/l

RT: 12.54 min Scan# 3350

Delta R.T. 0.02 min

Lab File: VN054315.D

Acq: 15 Mar 2019 17:48

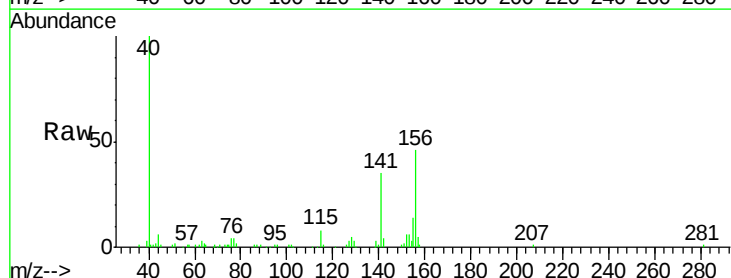
Tgt Ion: 156 Resp: 95712

Ion Ratio Lower Upper

156 100

77 0.0 81.5 244.4#

158 0.3 49.0 147.2#



Abundance Ion 155.80 (155.50 to 156.50): VN054315.D (-3350) (-)

Ion 77.00 (76.70 to 77.70): VN054315.D (-3350) (-)

Ion 157.80 (157.50 to 158.50): VN054315.D (-3350) (-)

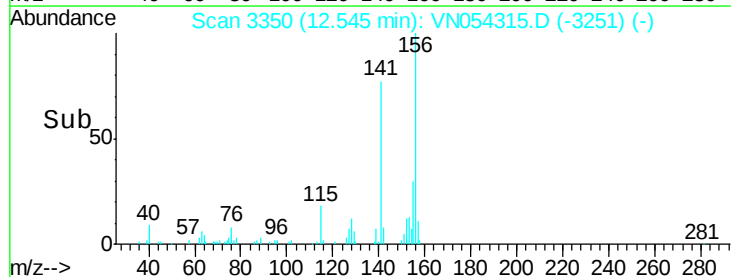
30000

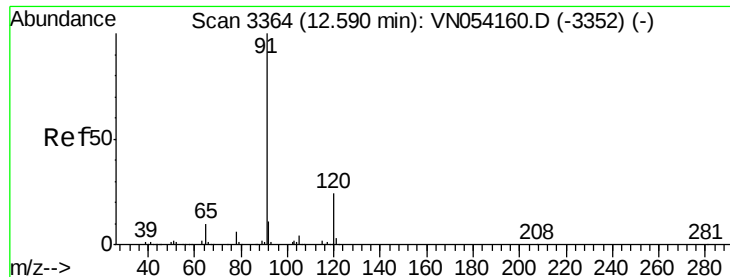
20000

10000

0

Time--> 12.30 12.40 12.50 12.60





#78

n-propylbenzene

Concen: 0.605 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN054315.D

Acq: 15 Mar 2019 17:48

Instrument :

MSVOA_N

ClientSampleId :

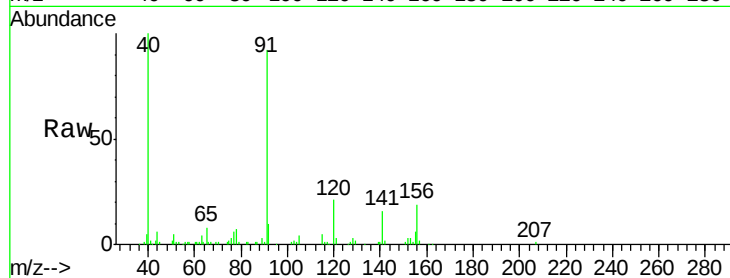
MW-4ADL

Tot Ion: 91 Resp: 56818

Ion Ratio Lower Upper

91 100

120 23.8 12.3 36.9

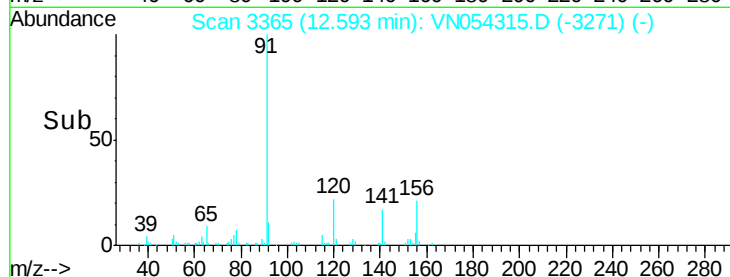


Abundance Ion 91.00 (90.70 to 91.70): VN054160.D (-3352) (-)

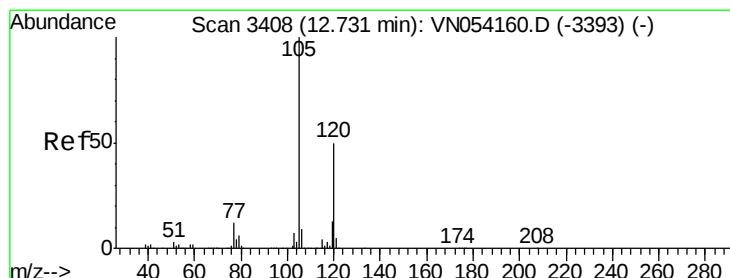
Ion 120.00 (119.70 to 120.70): VN054160.D (-3352) (-)

Time-->

12.55 12.60



Time-->



#80

1,3,5-Trimethylbenzene

Concen: 4.493 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN054315.D

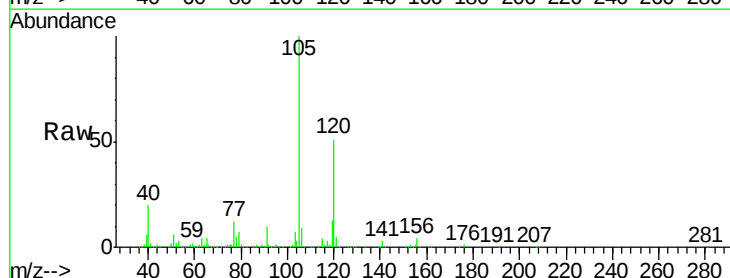
Acq: 15 Mar 2019 17:48

Tgt Ion: 105 Resp: 323691

Ion Ratio Lower Upper

105 100

120 51.4 25.0 75.0

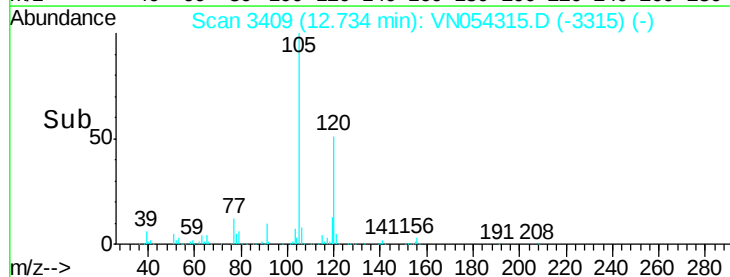


Abundance Ion 105.00 (104.70 to 105.70): VN054160.D (-3393) (-)

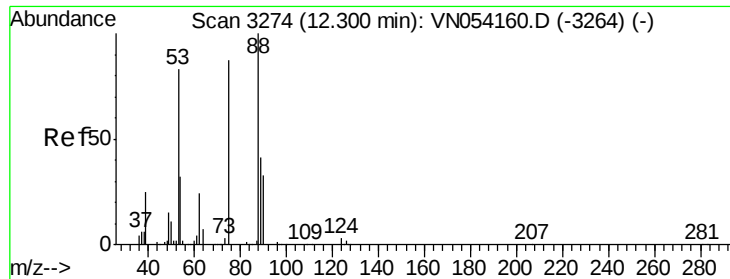
Ion 120.00 (119.70 to 120.70): VN054160.D (-3393) (-)

Time-->

12.70 12.75 12.80



Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 105.777 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.10 min

Lab File: VN054315.D

Acq: 15 Mar 2019 17:48

Instrument :

MSVOA_N

ClientSampleId :

MW-4ADL

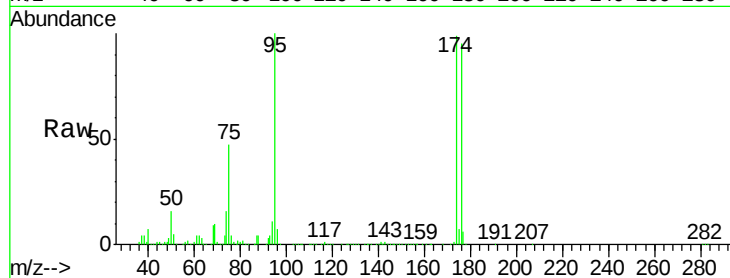
Tot Ion: 75 Resp: 492647

Ion Ratio Lower Upper

75 100

53 0.0 76.2 114.2#

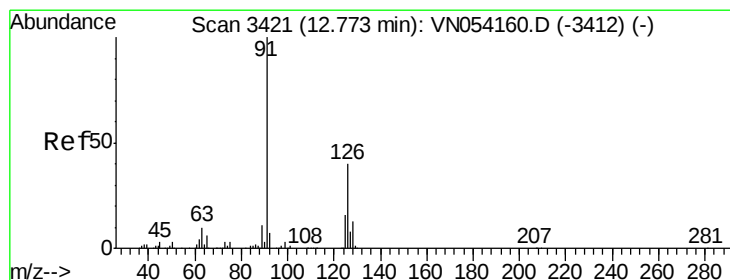
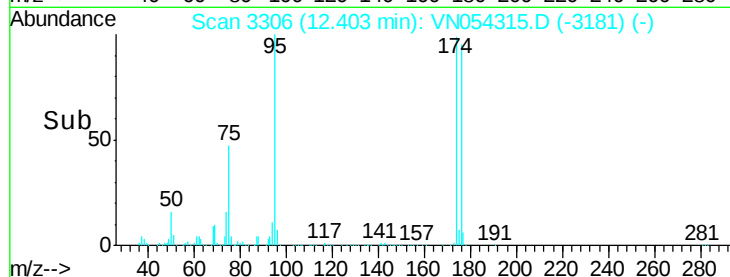
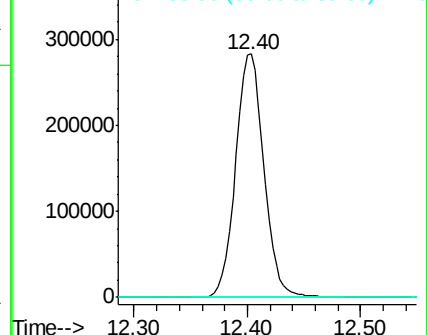
89 0.0 39.2 58.8#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 0.601 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. -0.04 min

Lab File: VN054315.D

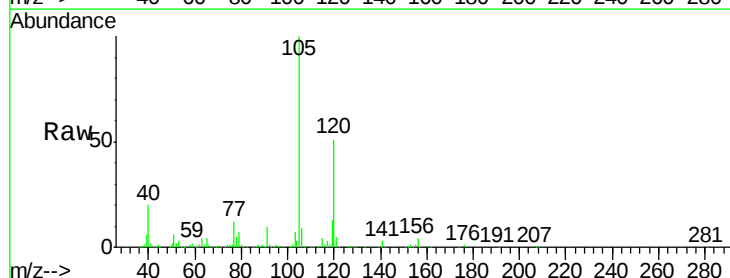
Acq: 15 Mar 2019 17:48

Tgt Ion: 91 Resp: 33912

Ion Ratio Lower Upper

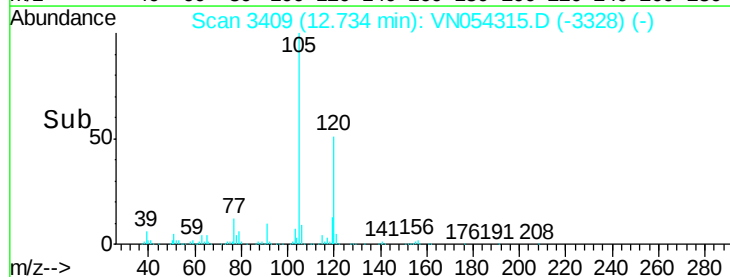
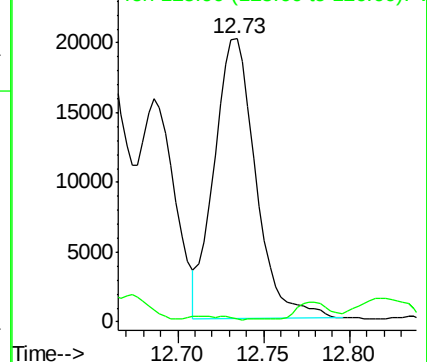
91 100

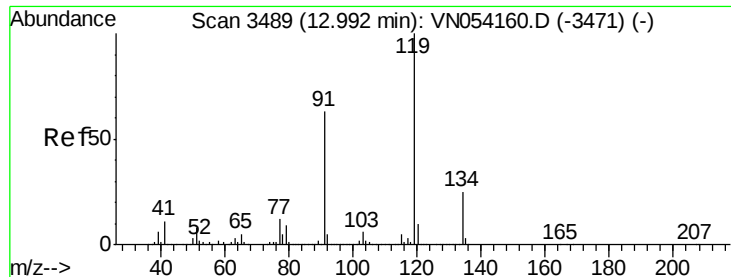
126 0.0 18.1 54.1#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

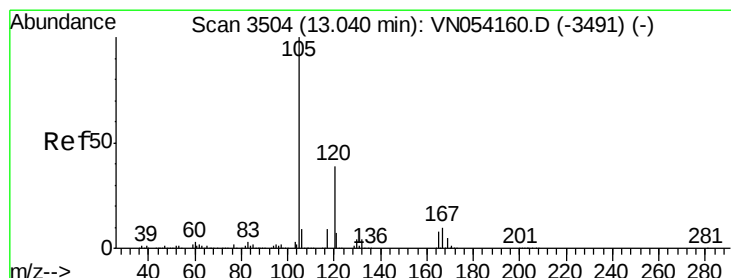
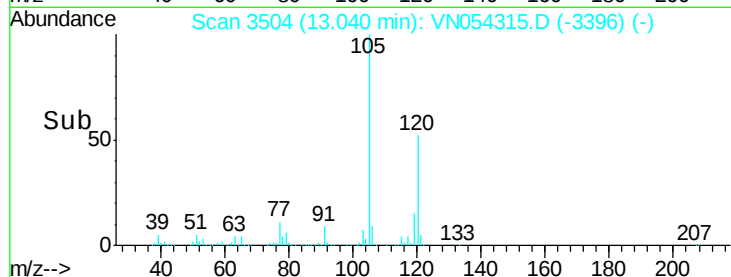
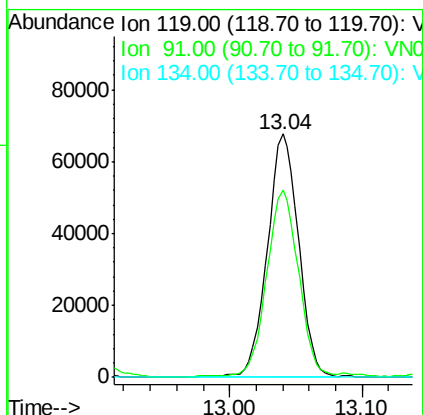
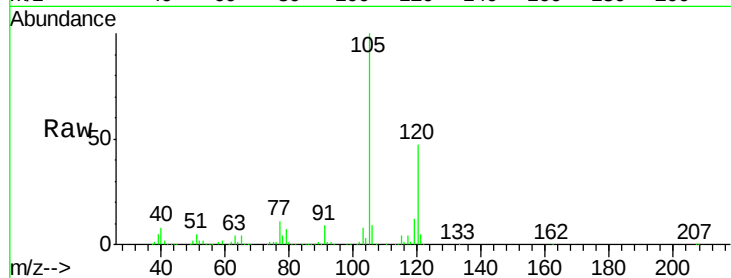




#83
 tert-Butylbenzene
 Concen: 1.689 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.05 min
 Lab File: VN054315.D
 Acq: 15 Mar 2019 17:48

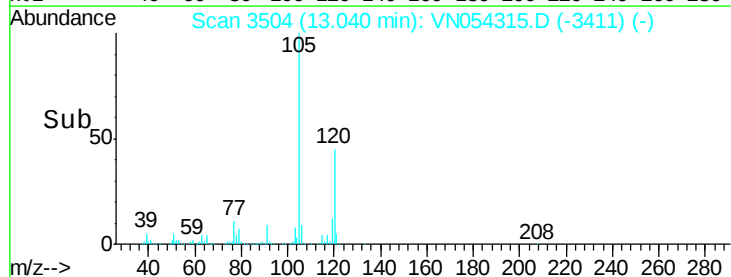
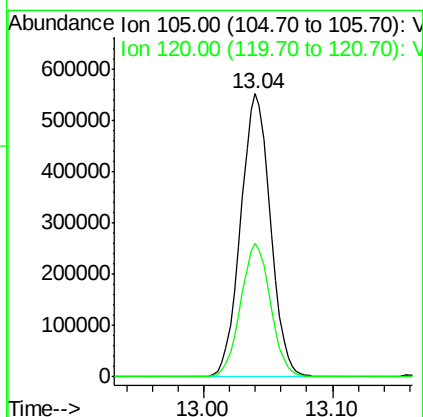
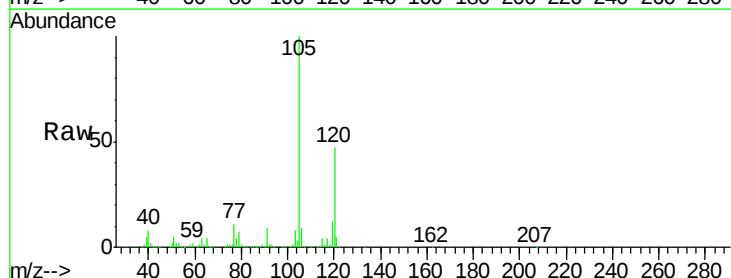
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-4ADL

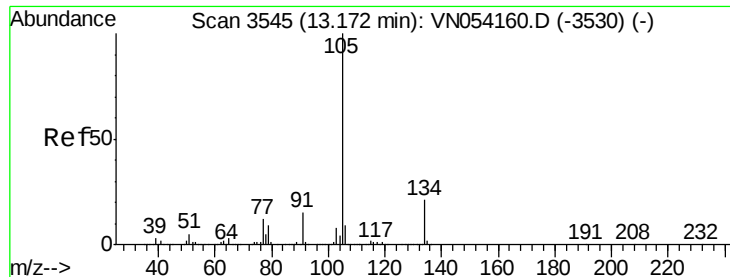
Tot Ion:119 Resp: 111982
 Ion Ratio Lower Upper
 119 100
 91 76.8 30.9 92.8
 134 0.0 13.2 39.6#



#84
 1,2,4-Trimethylbenzene
 Concen: 12.525 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN054315.D
 Acq: 15 Mar 2019 17:48

Tgt Ion:105 Resp: 885322
 Ion Ratio Lower Upper
 105 100
 120 47.3 23.4 70.3





#85

sec-Butylbenzene

Concen: 10.294 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. -0.13 min

Lab File: VN054315.D

Acq: 15 Mar 2019 17:48

Instrument :

MSVOA_N

ClientSampleId :

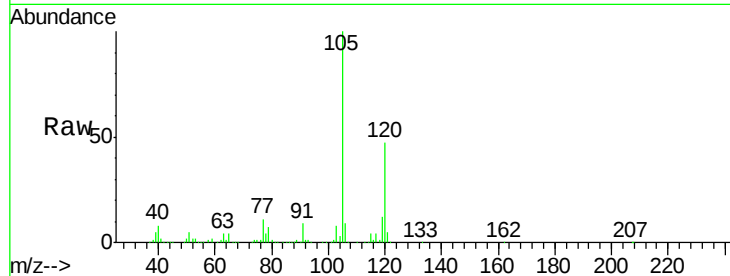
MW-4ADL

Tot Ion:105 Resp: 885322

Ion Ratio Lower Upper

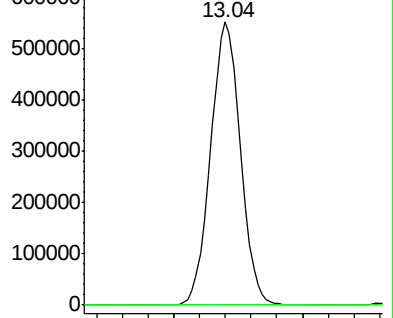
105 100

134 0.0 10.7 32.1#

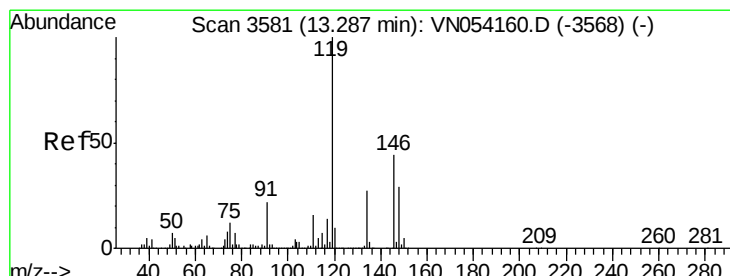
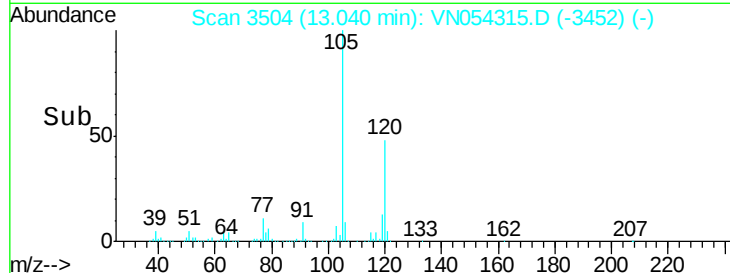


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



Time-->



#86

p-Isopropyltoluene

Concen: 2.947 ug/l

RT: 13.29 min Scan# 3582

Delta R.T. 0.00 min

Lab File: VN054315.D

Acq: 15 Mar 2019 17:48

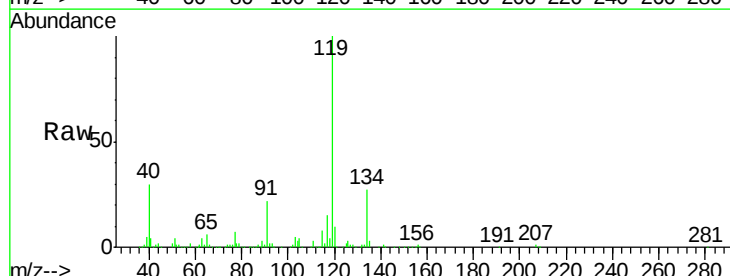
Tgt Ion:119 Resp: 222346

Ion Ratio Lower Upper

119 100

134 26.9 13.6 40.8

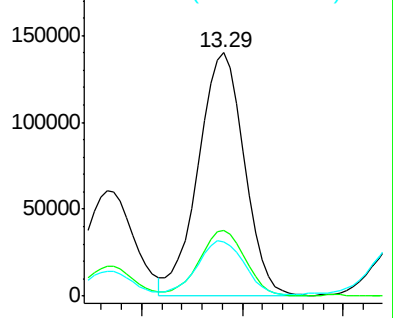
91 22.5 11.1 33.3



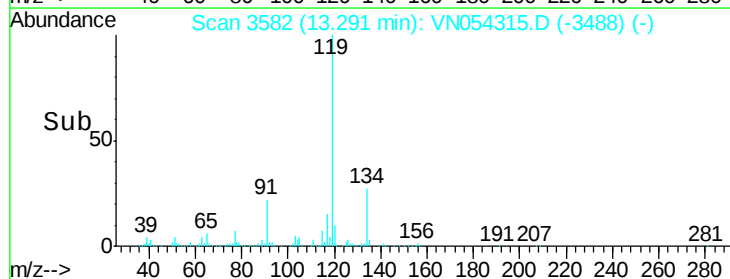
Abundance Ion 119.00 (118.70 to 119.70): V

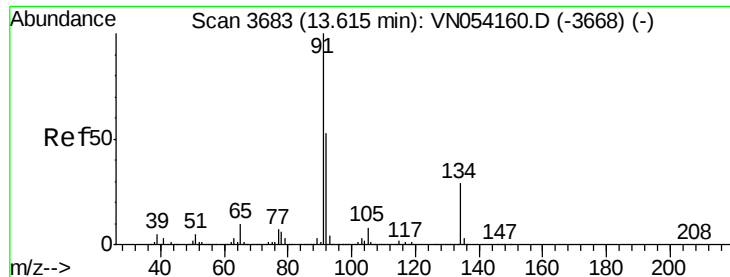
Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V



Time-->





#89

n-Butylbenzene

Concen: 10.690 ug/l

RT: 13.54 min Scan# 3661

Delta R.T. -0.07 min

Lab File: VN054315.D

Acq: 15 Mar 2019 17:48

Instrument :

MSVOA_N

ClientSampleId :

MW-4ADL

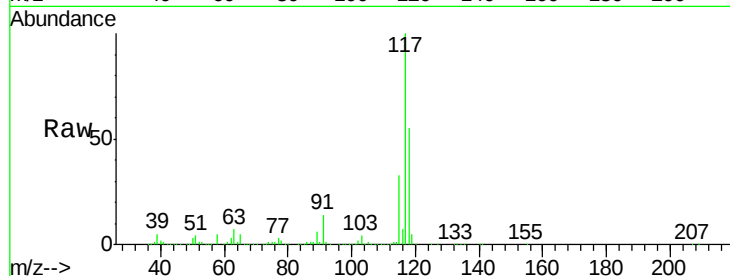
Tot Ion: 91 Resp: 612837

Ion Ratio Lower Upper

91 100

92 9.7 26.2 78.6#

134 0.0 14.3 42.9#

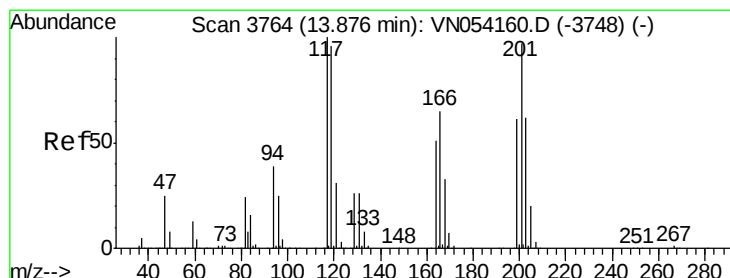
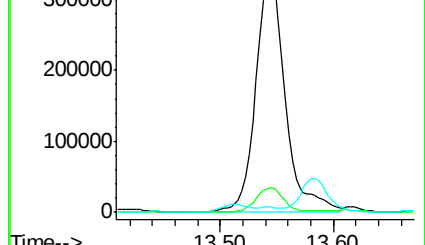
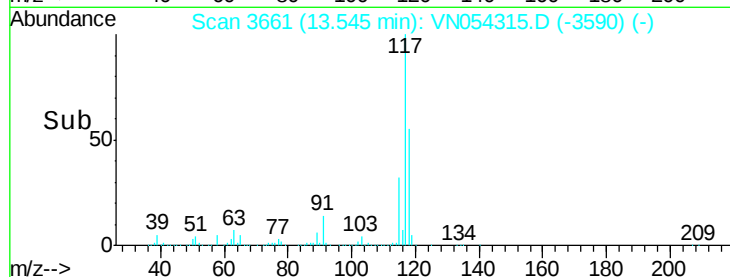


Abundance Ion 91.00 (90.70 to 91.70): VN054160.D (-3668) (-)

Ion 92.00 (91.70 to 92.70): VN054160.D (-3668) (-)

Ion 134.00 (133.70 to 134.70): VN054160.D (-3668) (-)

Time-->



#90

Hexachloroethane

Concen: 1.842 ug/l

RT: 13.89 min Scan# 3768

Delta R.T. 0.01 min

Lab File: VN054315.D

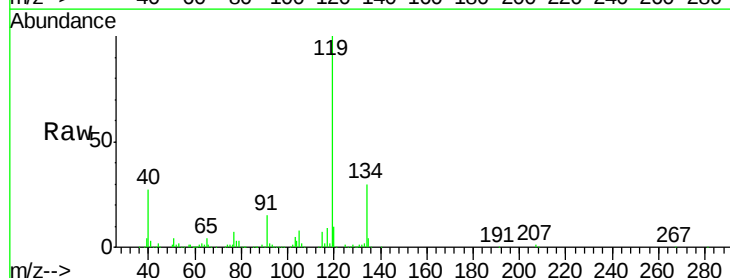
Acq: 15 Mar 2019 17:48

Tgt Ion: 117 Resp: 23016

Ion Ratio Lower Upper

117 100

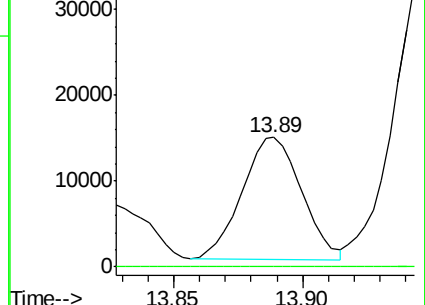
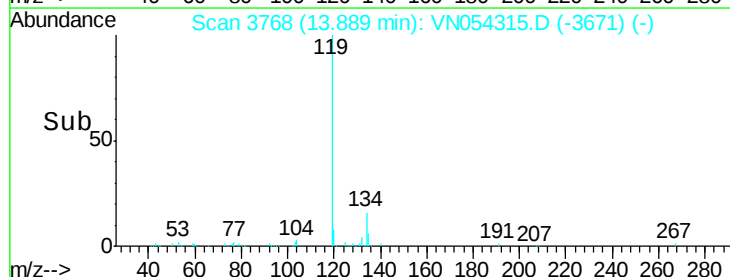
201 0.0 48.1 144.4#

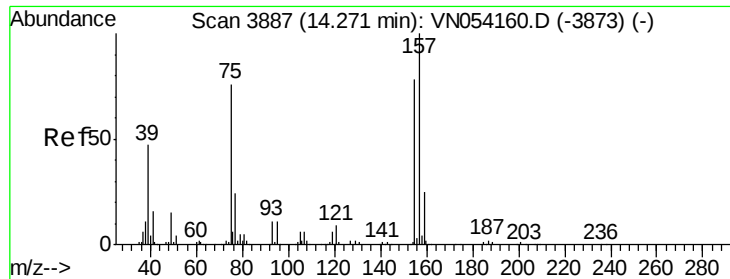


Abundance Ion 116.80 (116.50 to 117.50): VN054160.D (-3748) (-)

Ion 200.70 (200.40 to 201.40): VN054160.D (-3748) (-)

Time-->





#92

1,2-Dibromo-3-Chloropropane

Concen: 5.942 ug/l

RT: 14.27 min Scan# 3888

Delta R.T. 0.00 min

Lab File: VN054315.D

Acq: 15 Mar 2019 17:48

Instrument :

MSVOA_N

ClientSampled :

MW-4ADL

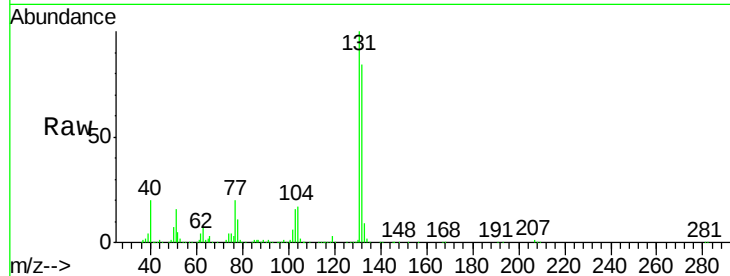
Tot Ion: 75 Resp: 16970

Ion Ratio Lower Upper

75 100

155 0.0 50.1 150.3#

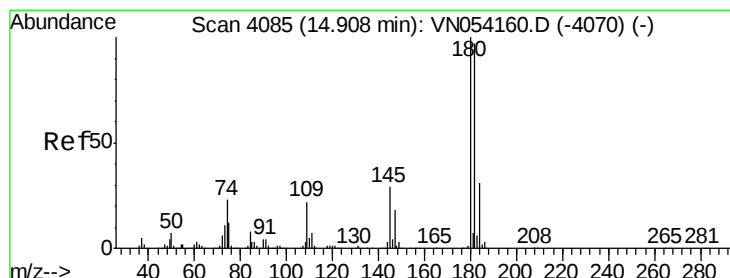
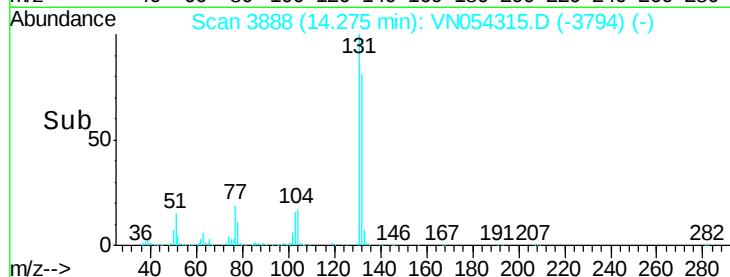
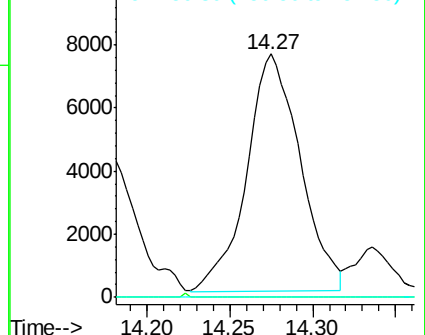
157 0.0 63.1 189.3#



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: 2.566 ug/l

RT: 14.91 min Scan# 4086

Delta R.T. 0.00 min

Lab File: VN054315.D

Acq: 15 Mar 2019 17:48

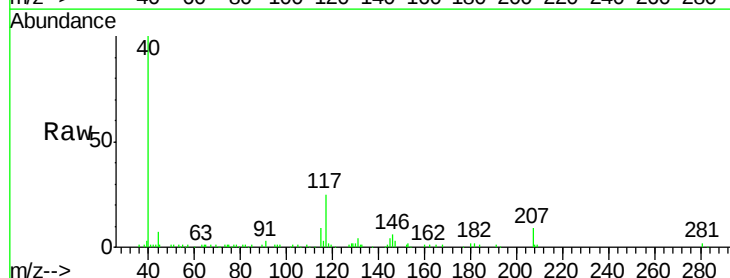
Tgt Ion: 180 Resp: 1198

Ion Ratio Lower Upper

180 100

182 97.2 48.0 144.2

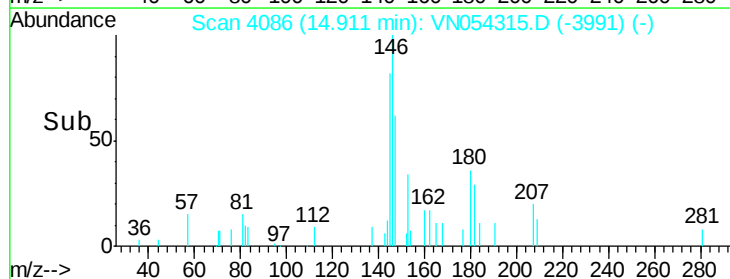
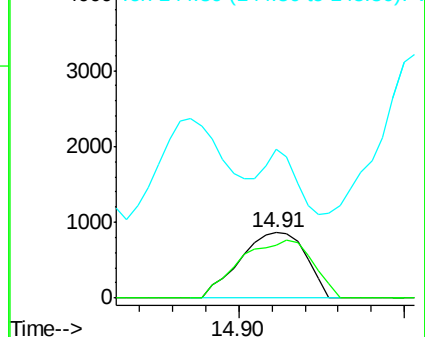
145 0.0 14.2 42.8#

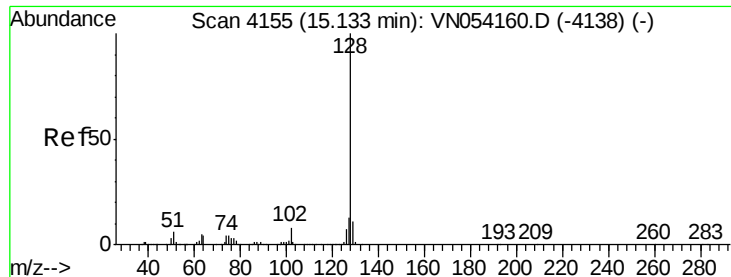


Abundance Ion 179.80 (179.50 to 180.50): VN054160.D (-4070) (-)

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: 296.550 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. -0.00 min
Lab File: VN054315.D
Acq: 15 Mar 2019 17:48

Instrument :
MSVOA_N
ClientSampleId :
MW-4ADL

Tot Ion:128 Resp:14954963
Ion Ratio Lower Upper
128 100
127 12.8 10.1 15.1
129 10.9 8.7 13.1

