

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031419\
 Data File : VN054301.D
 Acq On : 15 Mar 2019 10:02
 Operator : JC/SP
 Sample : K1902-08 50X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 30303

Quant Time: Mar 15 11:18:36 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	1470893	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2412839	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2547325	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	1110653	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	734529	47.02	ug/l	0.00
Spiked Amount			Recovery	=	94.04%	
35) Dibromofluoromethane	7.59	113	732589	47.08	ug/l	0.00
Spiked Amount			Recovery	=	94.16%	
50) Toluene-d8	10.09	98	2993836	52.09	ug/l	0.00
Spiked Amount			Recovery	=	104.18%	
62) 4-Bromofluorobenzene	12.40	95	1154892	57.43	ug/l	0.00
Spiked Amount			Recovery	=	114.86%	

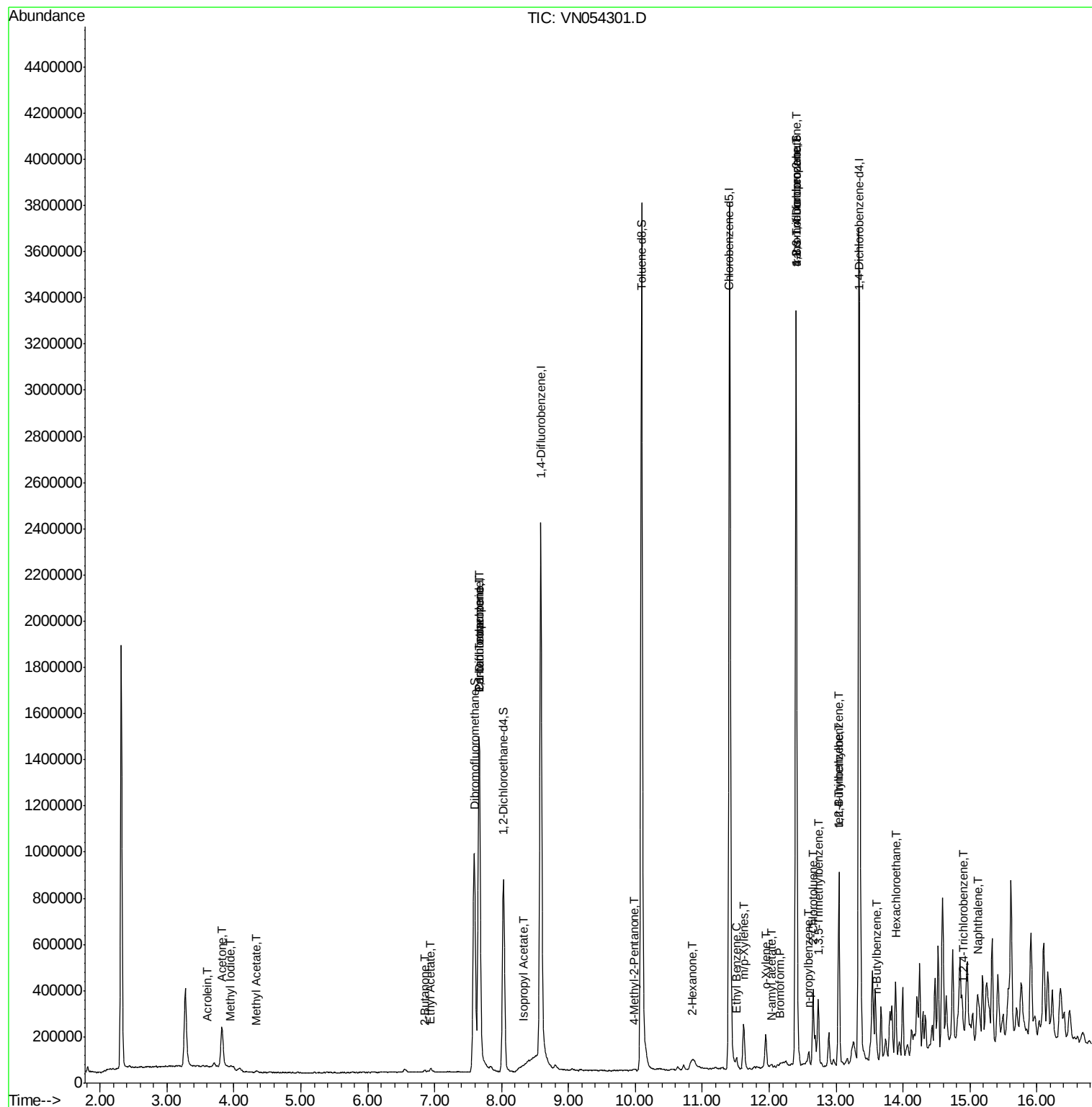
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	3.94	142	267	1.509	ug/l #	55
13) Acrolein	3.61	56	1730	1.705	ug/l #	40
16) Acetone	3.82	43	275735	61.649	ug/l	97
18) Methyl Acetate	4.33	43	4827	0.533	ug/l #	45
25) 2-Butanone	6.85	43	11209	2.135	ug/l #	87
31) Cyclohexane	7.67	56	20582	Below Cal	#	5
36) 1,1-Dichloropropene	7.67	75	85455	3.846	ug/l #	47
37) Ethyl Acetate	6.95	43	21260	1.665	ug/l #	93
38) Carbon Tetrachloride	7.67	117	117345	5.036	ug/l #	16
43) Isopropyl Acetate	8.31	43	39494	1.762	ug/l #	60
51) 4-Methyl-2-Pentanone	9.98	43	3131	0.264	ug/l #	79
59) 2-Hexanone	10.84	43	13681	1.734	ug/l	70
67) Ethyl Benzene	11.51	91	30332	0.327	ug/l	94
68) m/p-Xylenes	11.62	106	65526	1.808	ug/l	92
69) o-Xylene	11.95	106	42086	1.191	ug/l	96
71) Bromoform	12.15	173	219	2.364	ug/l #	28
74) N-amyl acetate	12.03	43	8793	0.446	ug/l #	50
76) 1,2,3-Trichloropropane	12.40	75	538735	32.985	ug/l #	100
78) n-propylbenzene	12.59	91	45088	0.468	ug/l	98
79) 2-Chlorotoluene	12.65	91	33348	0.575	ug/l #	38
80) 1,3,5-Trimethylbenzene	12.73	105	124598	1.686	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.40	75	538735	112.758	ug/l #	11
83) tert-Butylbenzene	13.04	119	65125	0.957	ug/l #	75
84) 1,2,4-Trimethylbenzene	13.04	105	493872	6.811	ug/l	99
89) n-Butylbenzene	13.61	91	22537	0.383	ug/l #	54
90) Hexachloroethane	13.89	117	16245	1.267	ug/l #	2
93) 1,2,4-Trichlorobenzene	14.91	180	730	2.546	ug/l #	63
95) Naphthalene	15.13	128	101884	5.416	ug/l	95

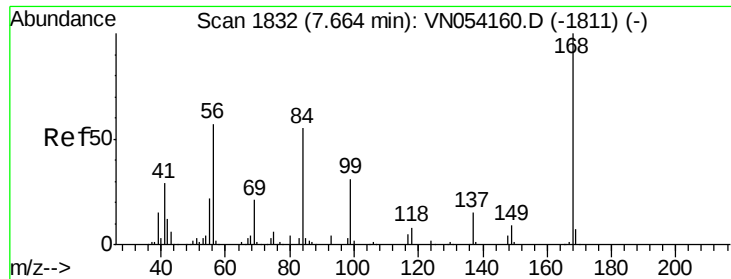
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN054301.D

Acq: 15 Mar 2019 10:02

Instrument :

MSVOA_N

ClientSampled :

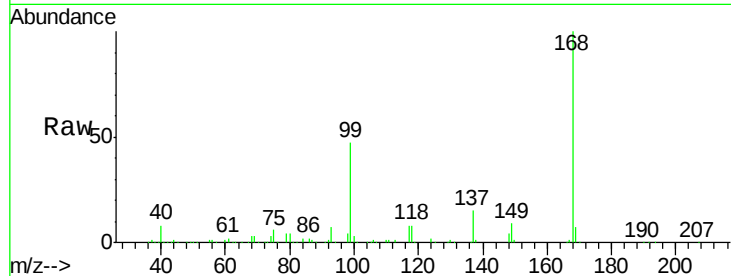
30303

Tot Ion:168 Resp: 1470893

Ion Ratio Lower Upper

168 100

99 47.4 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.66

600000

500000

400000

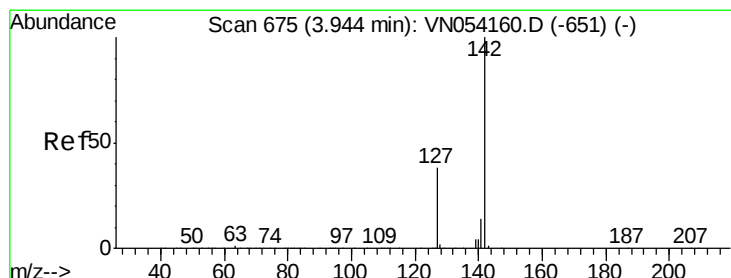
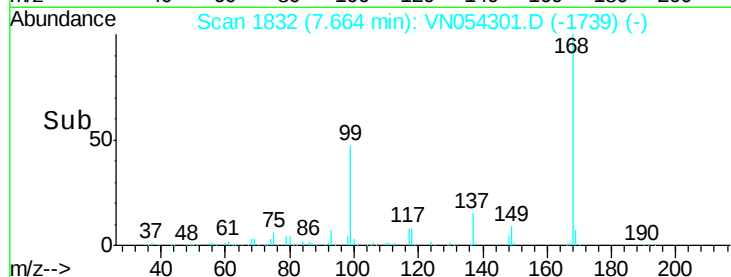
300000

200000

100000

0

Time--> 7.50 7.60 7.70 7.80 7.90



#10

Methyl Iodide

Concen: 1.509 ug/l

RT: 3.94 min Scan# 675

Delta R.T. -0.00 min

Lab File: VN054301.D

Acq: 15 Mar 2019 10:02

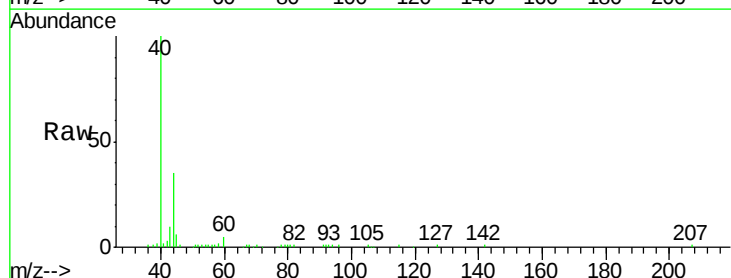
Tgt Ion:142 Resp: 267

Ion Ratio Lower Upper

142 100

127 74.2 30.3 45.5#

141 13.1 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

3.94

400

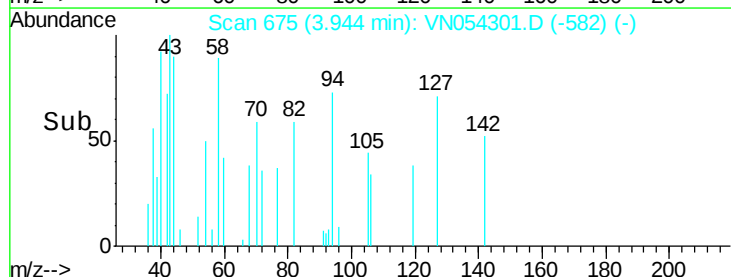
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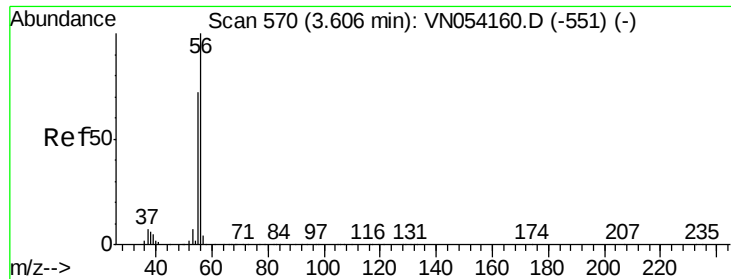
200

100

0

Time--> 3.92 3.94 3.96





#13

Acrolein

Concen: 1.705 ug/l

RT: 3.61 min Scan# 570

Delta R.T. -0.00 min

Lab File: VN054301.D

Acq: 15 Mar 2019 10:02

Instrument :

MSVOA_N

ClientSampled :

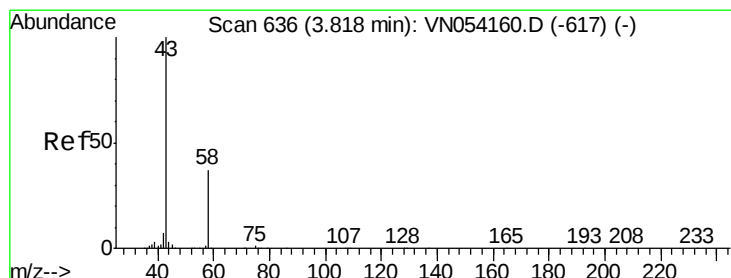
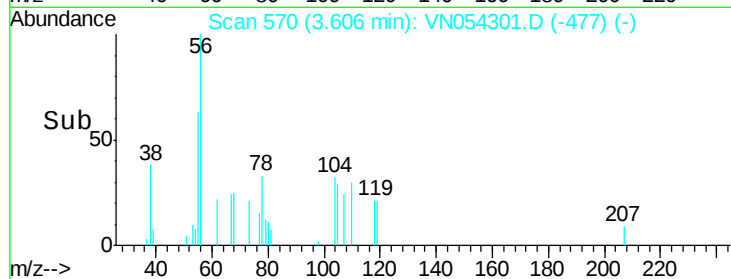
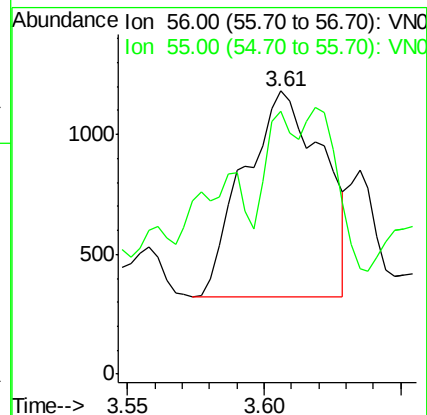
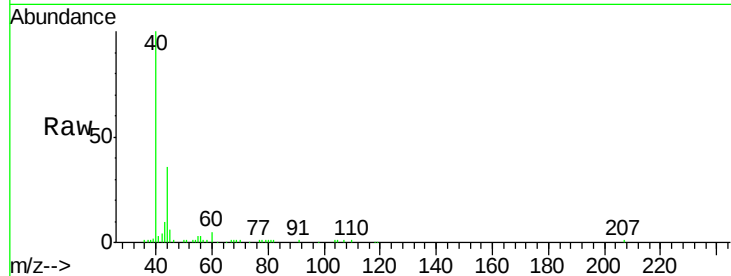
30303

Tot Ion: 56 Resp: 1730

Ion Ratio Lower Upper

56 100

55 21.4 56.7 85.1#



#16

Acetone

Concen: 61.649 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN054301.D

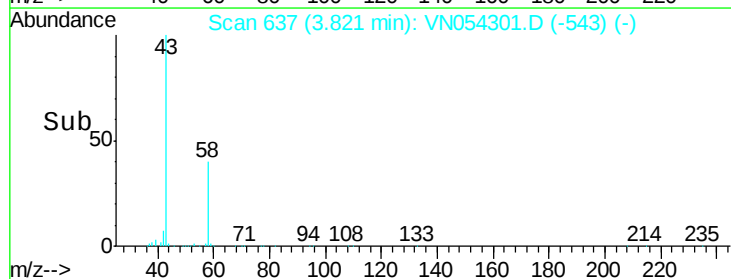
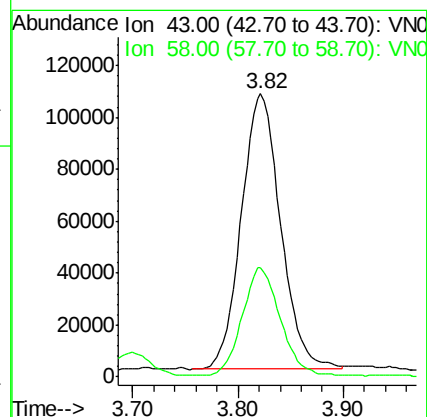
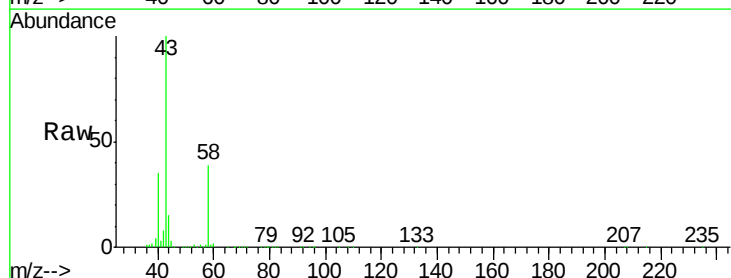
Acq: 15 Mar 2019 10:02

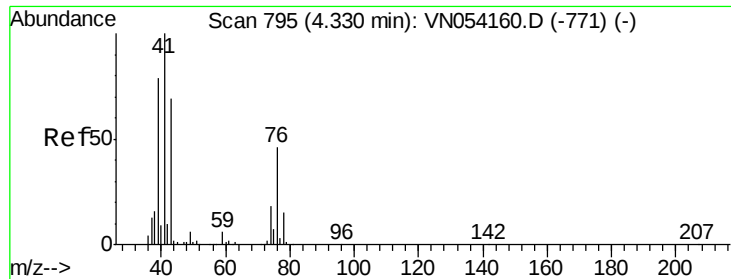
Tgt Ion: 43 Resp: 275735

Ion Ratio Lower Upper

43 100

58 39.4 29.9 44.9

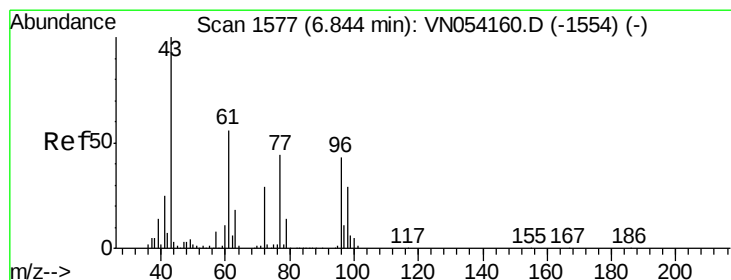
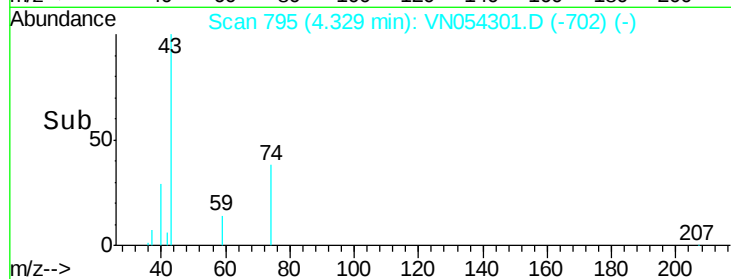
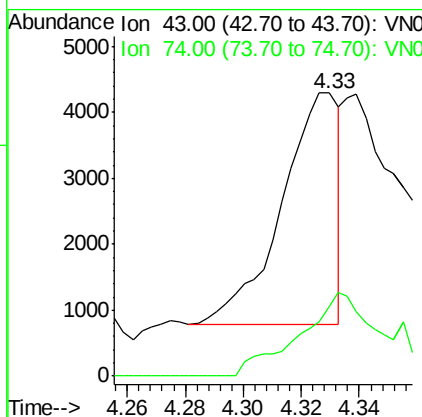
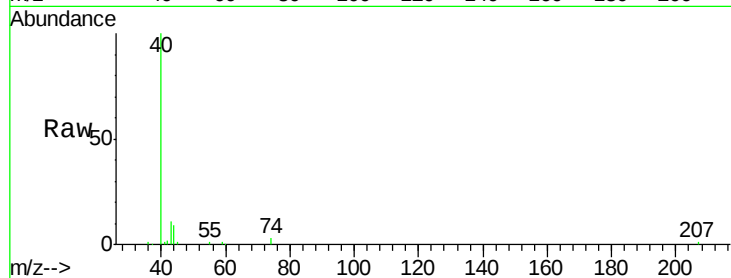




#18
Methvl Acetate
Concen: 0.533 ug/l
RT: 4.33 min Scan# 795
Delta R.T. -0.00 min
Lab File: VN054301.D
Acq: 15 Mar 2019 10:02

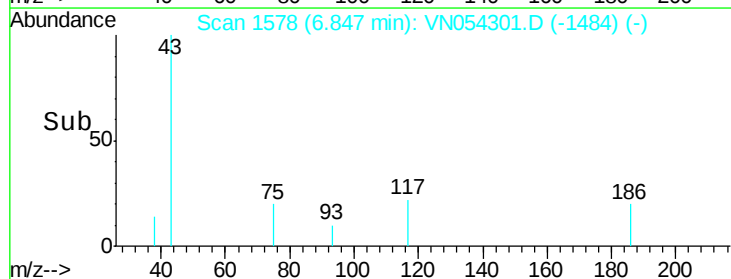
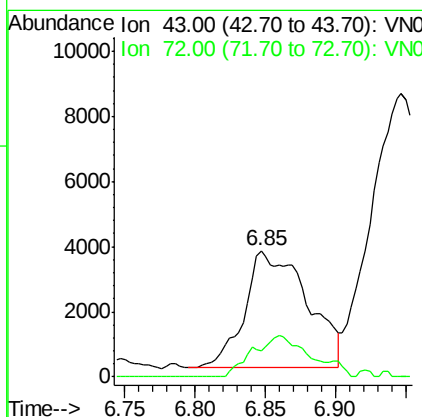
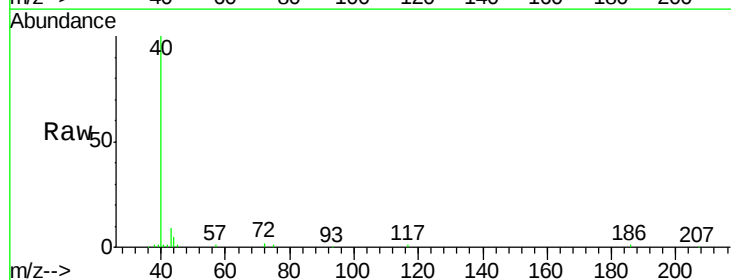
Instrument :
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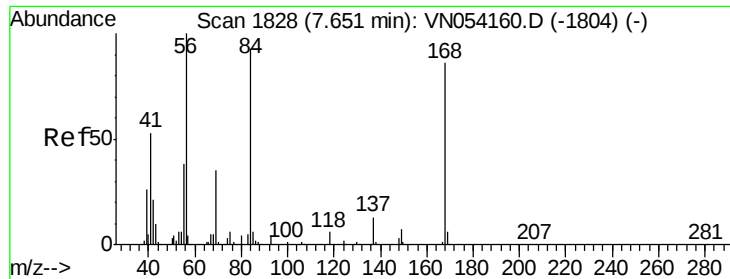
Tot Ion: 43 Resp: 4827
Ion Ratio Lower Upper
43 100
74 54.0 20.8 31.2#



#25
2-Butanone
Concen: 2.135 ug/l
RT: 6.85 min Scan# 1578
Delta R.T. 0.00 min
Lab File: VN054301.D
Acq: 15 Mar 2019 10:02

Tgt Ion: 43 Resp: 11209
Ion Ratio Lower Upper
43 100
72 21.9 23.0 34.6#

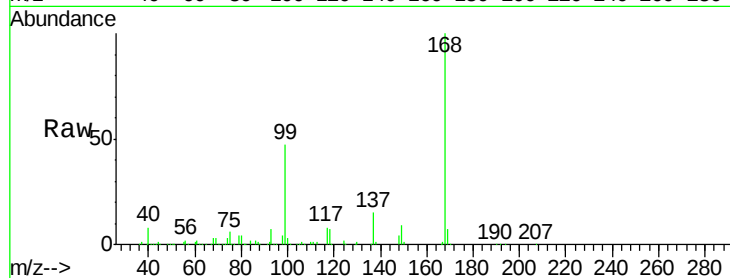




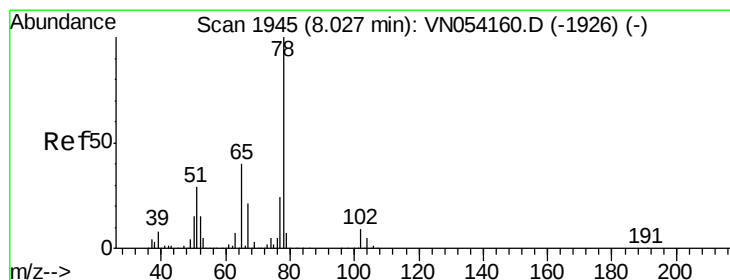
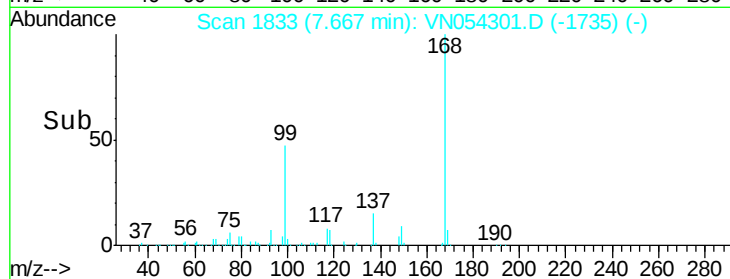
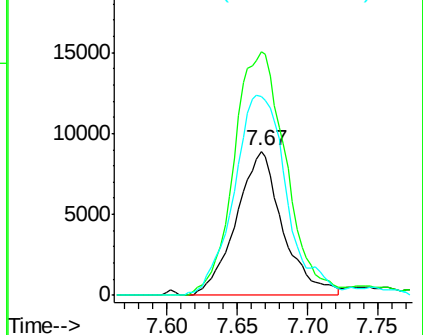
#31
Cvclohexane
Concen: Below Cal
RT: 7.67 min Scan# 1833
Delta R.T. 0.02 min
Lab File: VN054301.D
Acq: 15 Mar 2019 10:02

Instrument :
MSVOA_N
ClientSampled :
30303

Tot Ion: 56 Resp: 20582
Ion Ratio Lower Upper
56 100
69 168.7 27.8 41.6#
84 136.0 74.6 111.8#

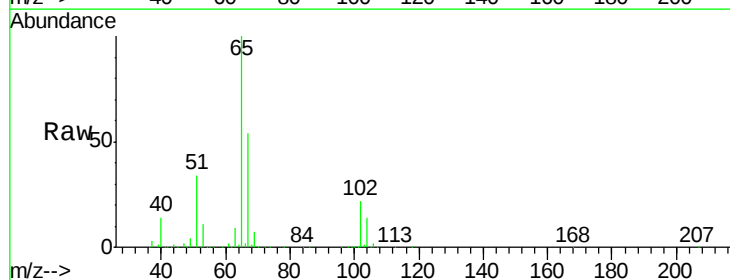


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

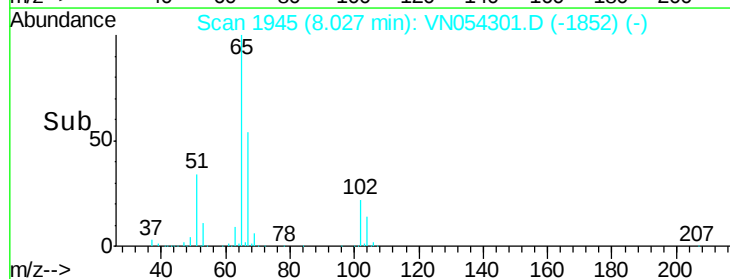
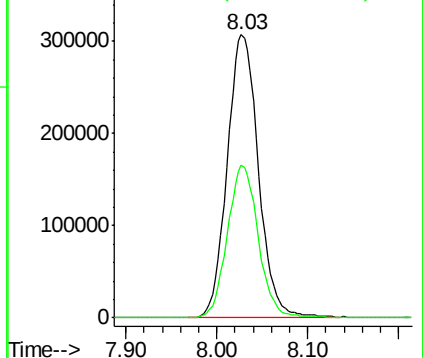


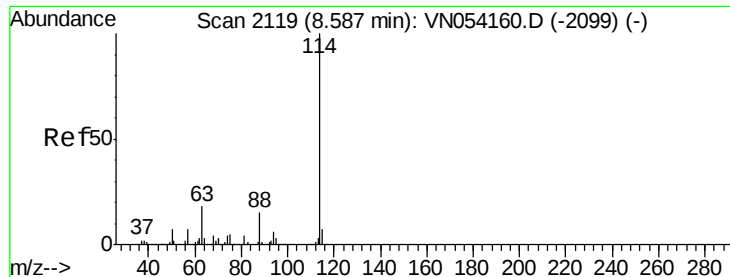
#33
1,2-Dichloroethane-d4
Concen: 47.022 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN054301.D
Acq: 15 Mar 2019 10:02

Tgt Ion: 65 Resp: 734529
Ion Ratio Lower Upper
65 100
67 53.2 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0

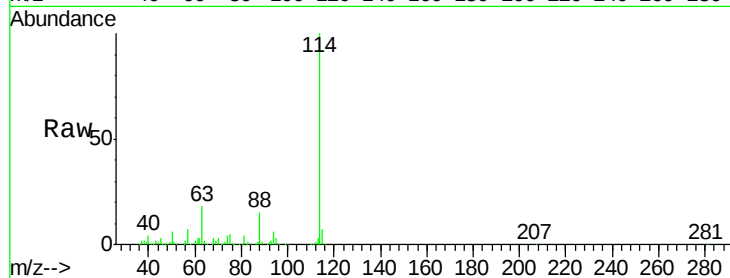




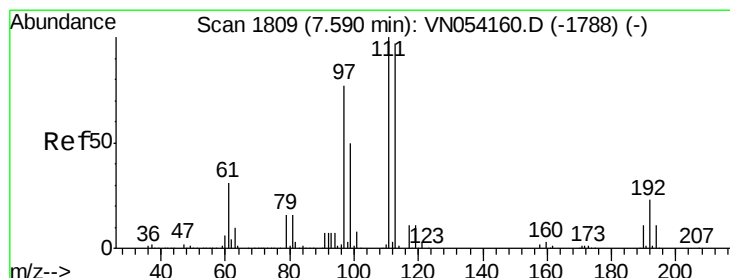
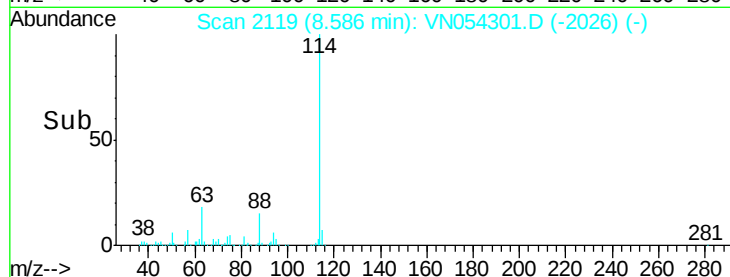
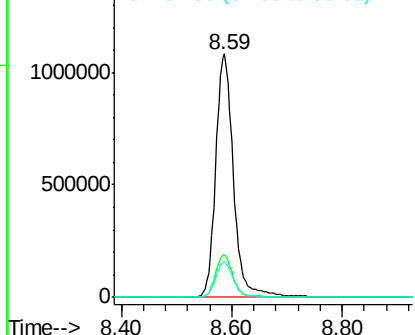
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. -0.00 min
Lab File: VN054301.D
Acq: 15 Mar 2019 10:02

Instrument :
MSVOA_N
ClientSampled :
30303

Tot Ion:114 Resp: 2412839
Ion Ratio Lower Upper
114 100
63 17.6 0.0 35.2
88 14.6 0.0 30.2

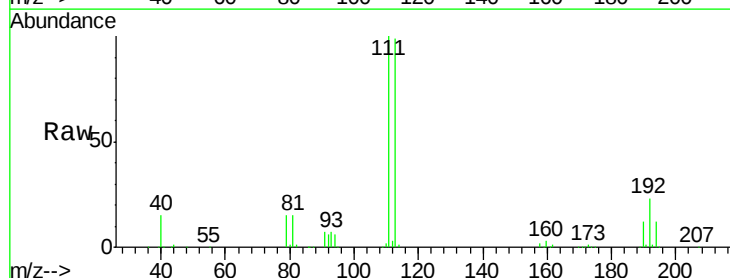


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): V
Ion 87.90 (87.60 to 88.60): V

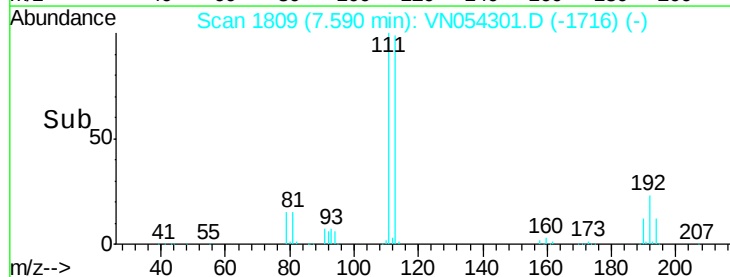
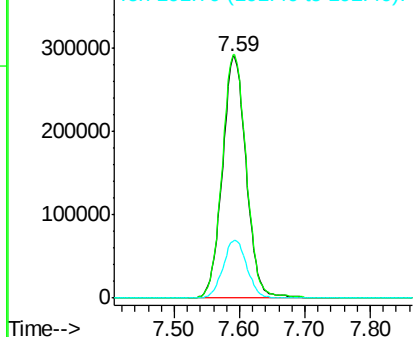


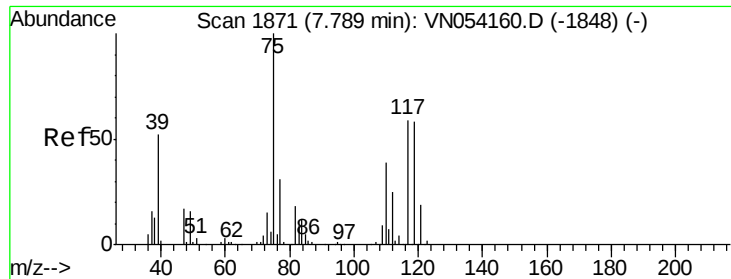
#35
Dibromofluoromethane
Concen: 47.076 ug/l
RT: 7.59 min Scan# 1809
Delta R.T. -0.00 min
Lab File: VN054301.D
Acq: 15 Mar 2019 10:02

Tgt Ion:113 Resp: 732589
Ion Ratio Lower Upper
113 100
111 102.1 82.2 123.4
192 24.1 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: 3.846 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.12 min

Lab File: VN054301.D

Acq: 15 Mar 2019 10:02

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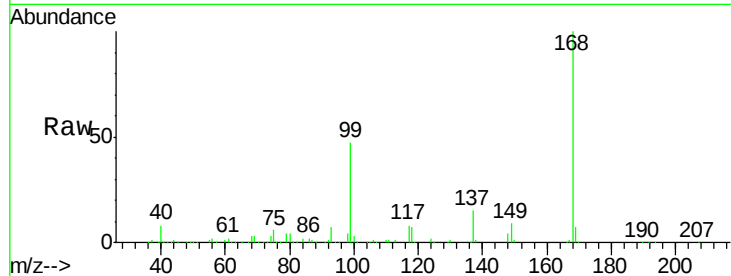
Tot Ion: 75 Resp: 85455

Ion Ratio Lower Upper

75 100

110 8.2 19.1 57.5#

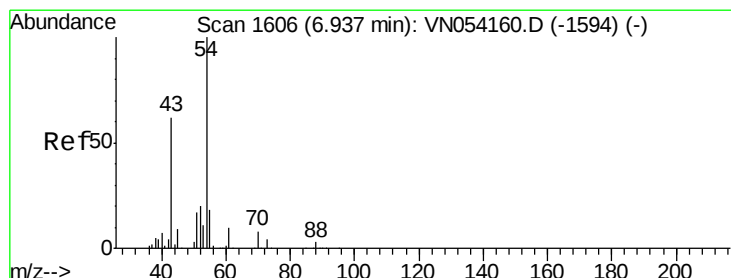
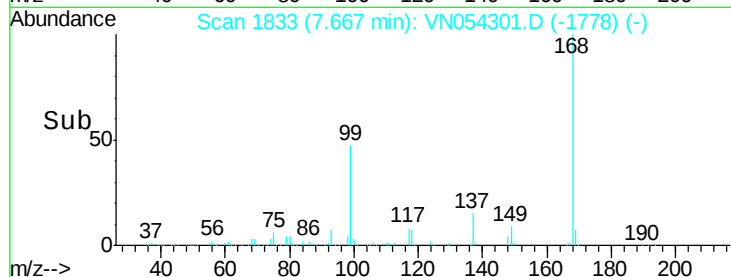
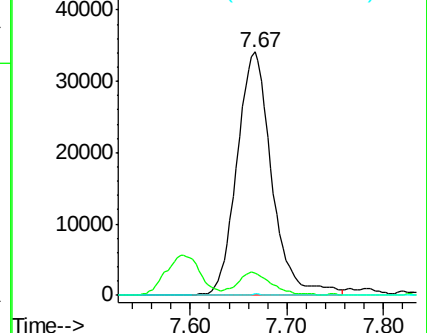
77 0.1 25.0 37.4#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 109.90 (109.60 to 110.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#37

Ethyl Acetate

Concen: 1.665 ug/l

RT: 6.95 min Scan# 1609

Delta R.T. 0.01 min

Lab File: VN054301.D

Acq: 15 Mar 2019 10:02

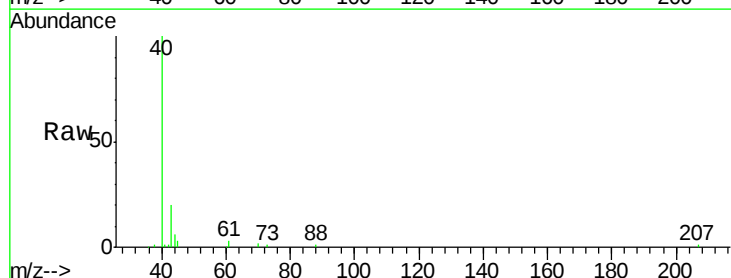
Tgt Ion: 43 Resp: 21260

Ion Ratio Lower Upper

43 100

61 16.9 11.8 17.6

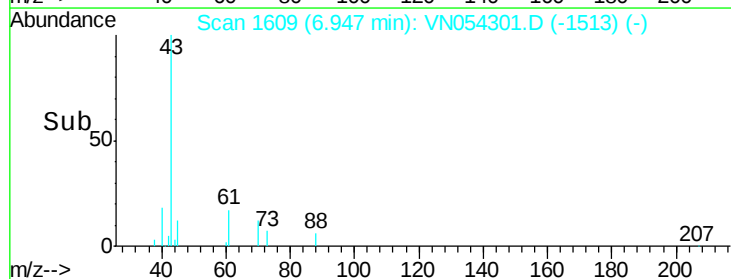
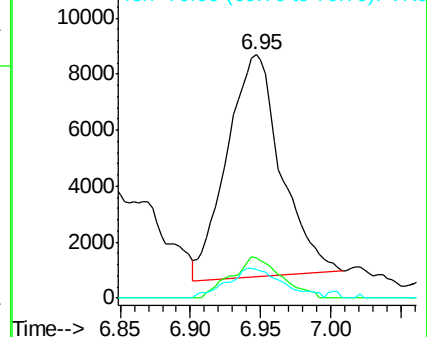
70 13.5 8.4 12.6#

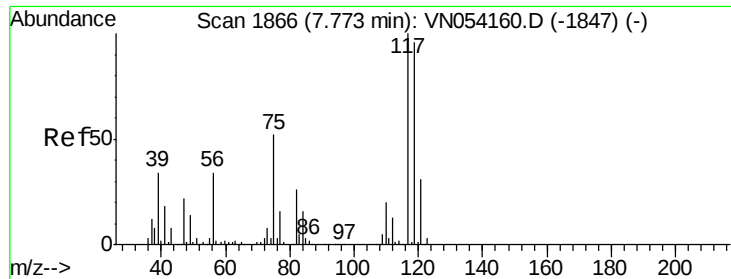


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 70.00 (69.70 to 70.70): VN0

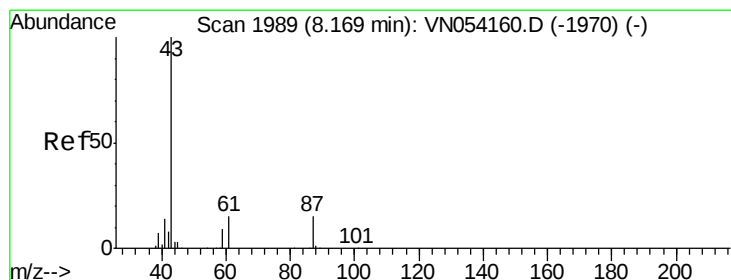
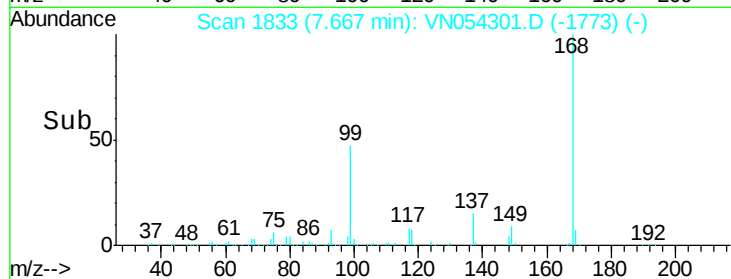
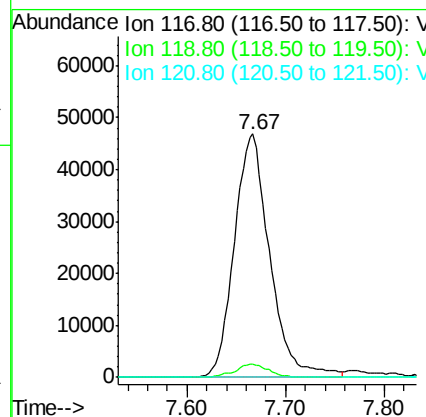
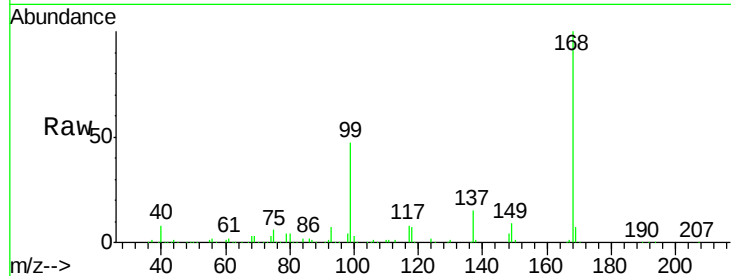




#38
Carbon Tetrachloride
Concen: 5.036 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.11 min
Lab File: VN054301.D
Acq: 15 Mar 2019 10:02

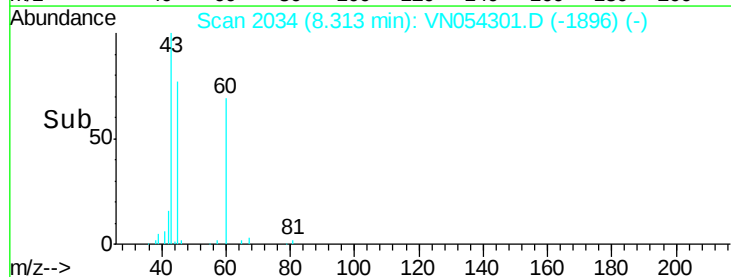
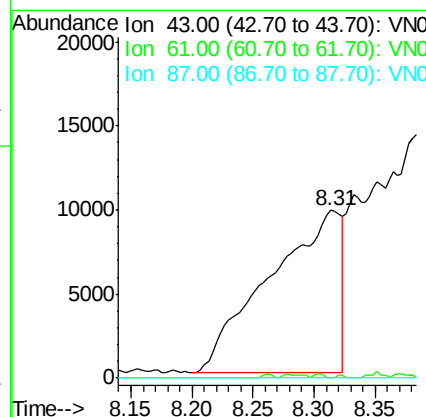
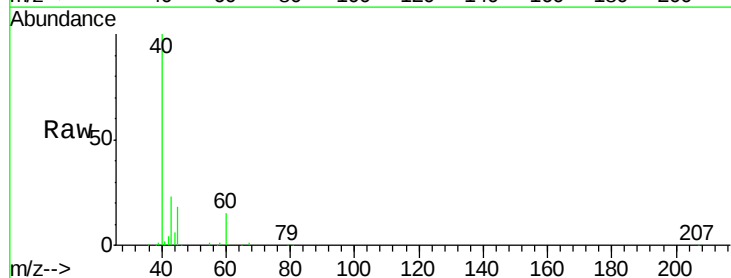
Instrument :
MSVOA_N
ClientSampled :
30303

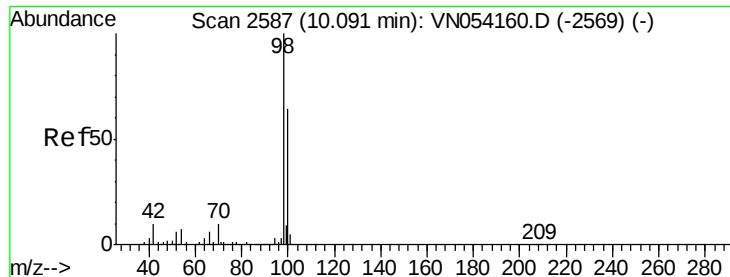
Tot Ion:117 Resp: 117345
Ion Ratio Lower Upper
117 100
119 5.4 76.3 114.5#
121 0.0 24.6 36.8#



#43
Isopropyl Acetate
Concen: 1.762 ug/l
RT: 8.31 min Scan# 2034
Delta R.T. 0.14 min
Lab File: VN054301.D
Acq: 15 Mar 2019 10:02

Tgt Ion: 43 Resp: 39494
Ion Ratio Lower Upper
43 100
61 0.0 15.8 23.8#
87 0.0 12.0 18.0#





#50

Toluene-d8

Concen: 52.092 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN054301.D

Acq: 15 Mar 2019 10:02

Instrument :

MSVOA_N

ClientSampleId :

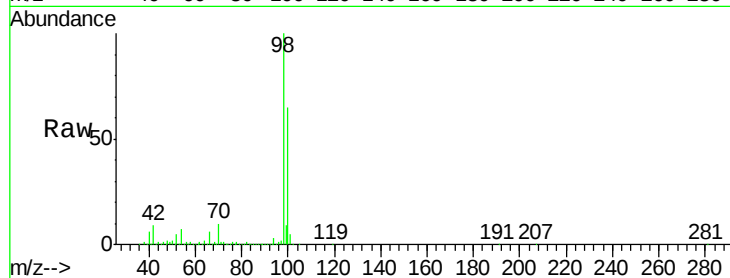
30303

Tot Ion: 98 Resp: 2993836

Ion Ratio Lower Upper

98 100

100 64.2 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN054301.D (-2494) (-)

Ion 100.00 (99.70 to 100.70): VN054301.D (-2494) (-)

10.09

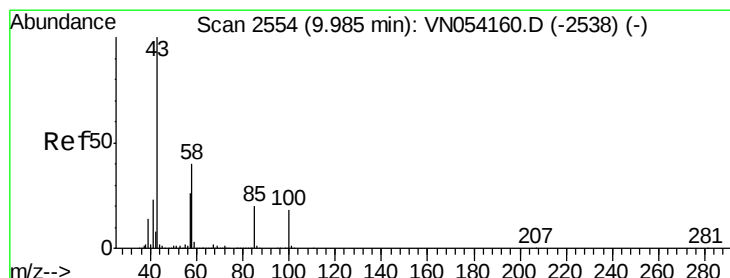
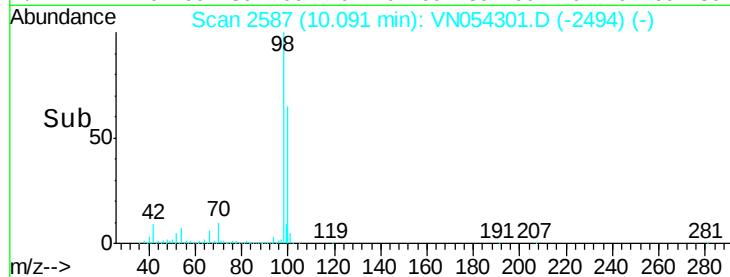
1500000

1000000

500000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 0.264 ug/l

RT: 9.98 min Scan# 2551

Delta R.T. -0.01 min

Lab File: VN054301.D

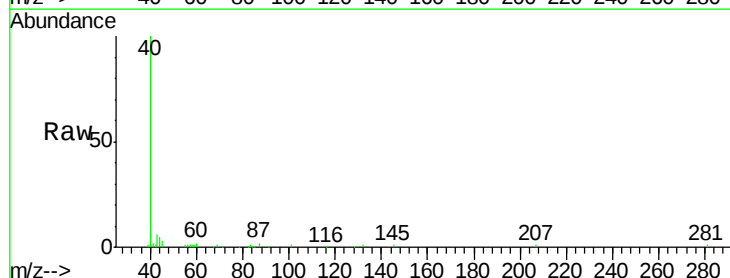
Acq: 15 Mar 2019 10:02

Tgt Ion: 43 Resp: 3131

Ion Ratio Lower Upper

43 100

58 26.9 31.8 47.6#



Abundance Ion 43.00 (42.70 to 43.70): VN054301.D (-2461) (-)

Ion 58.00 (57.70 to 58.70): VN054301.D (-2461) (-)

9.98

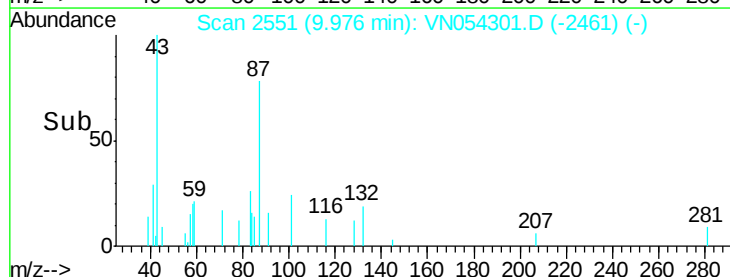
3000

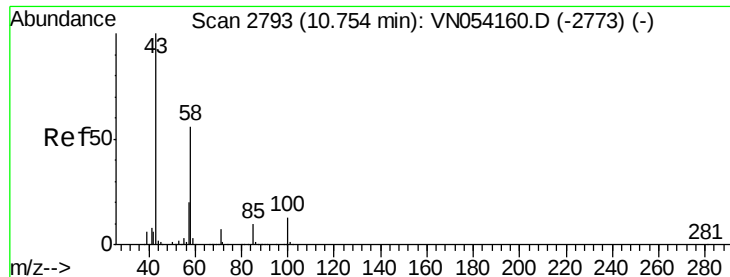
2000

1000

0

Time-->

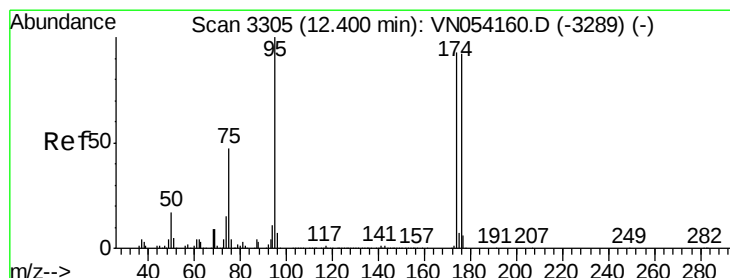
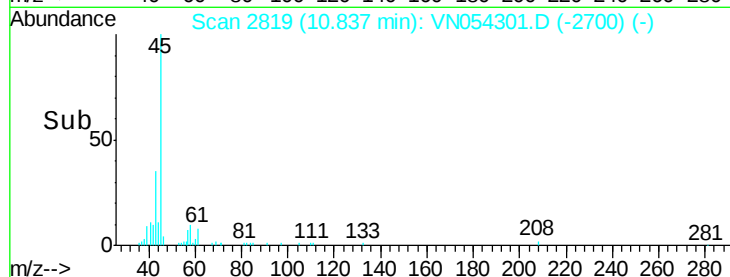
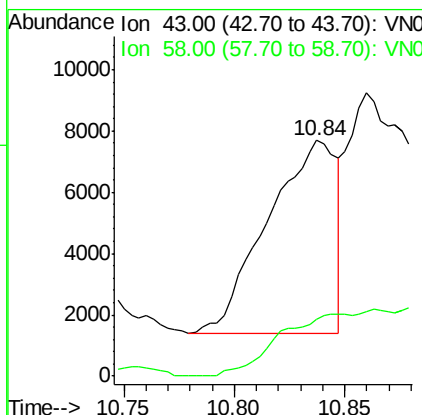
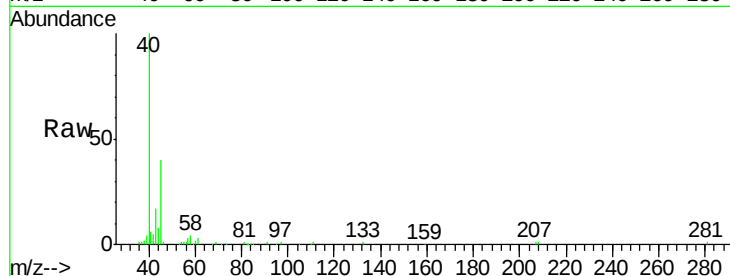




#59
2-Hexanone
Concen: 1.734 ug/l
RT: 10.84 min Scan# 2819
Delta R.T. 0.08 min
Lab File: VN054301.D
Acq: 15 Mar 2019 10:02

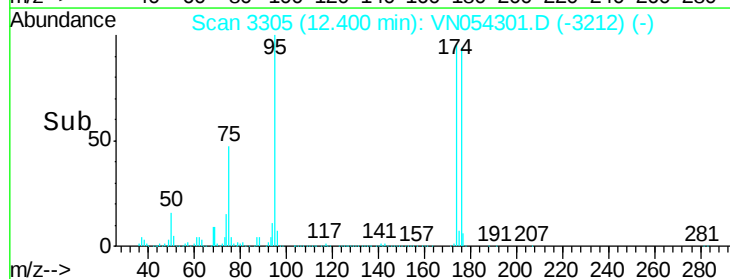
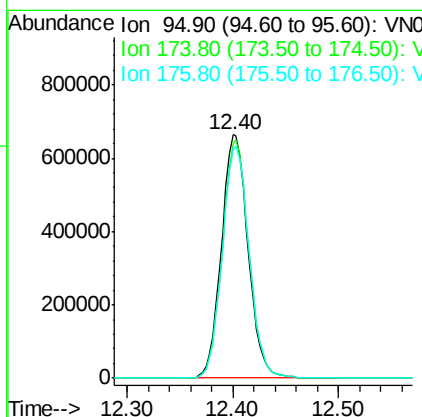
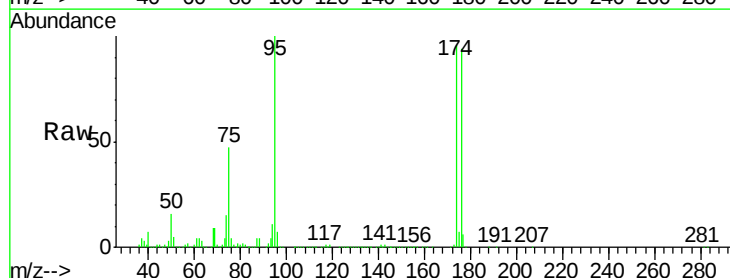
Instrument :
MSVOA_N
ClientSampled :
30303

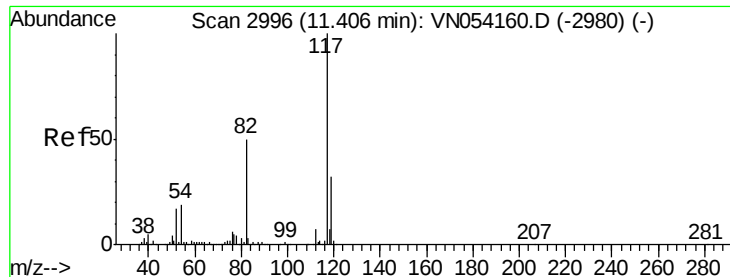
Tot Ion: 43 Resp: 13681
Ion Ratio Lower Upper
43 100
58 33.8 28.0 83.9



#62
4-Bromofluorobenzene
Concen: 57.430 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN054301.D
Acq: 15 Mar 2019 10:02

Tgt Ion: 95 Resp: 1154892
Ion Ratio Lower Upper
95 100
174 97.6 0.0 191.0
176 96.2 0.0 187.4

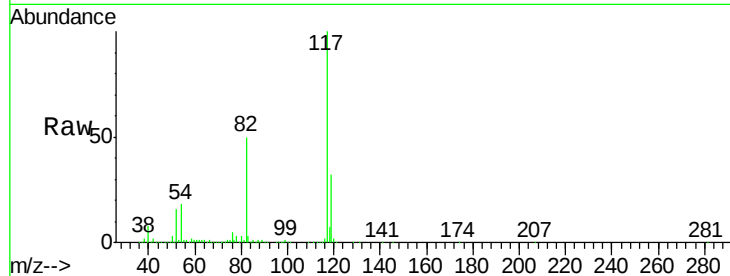




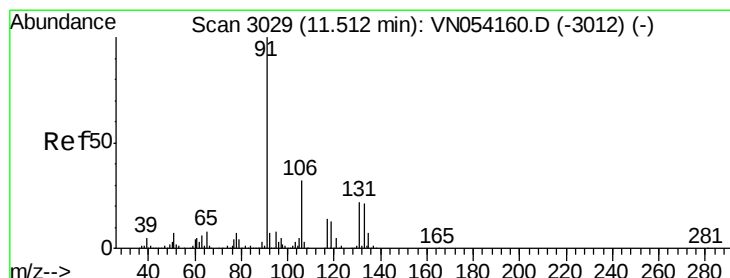
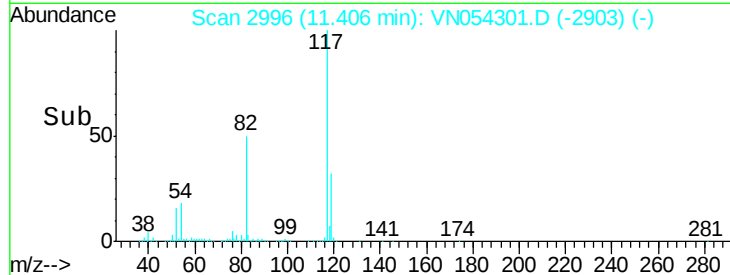
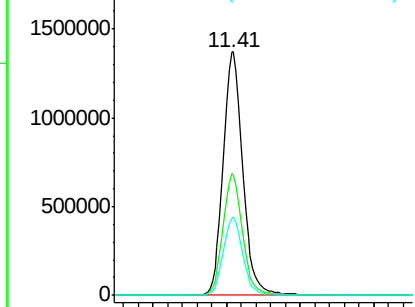
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN054301.D
Acq: 15 Mar 2019 10:02

Instrument :
MSVOA_N
ClientSampled :
30303

Tot Ion:117 Resp: 2547325
Ion Ratio Lower Upper
117 100
82 50.1 40.0 60.0
119 31.9 25.8 38.6

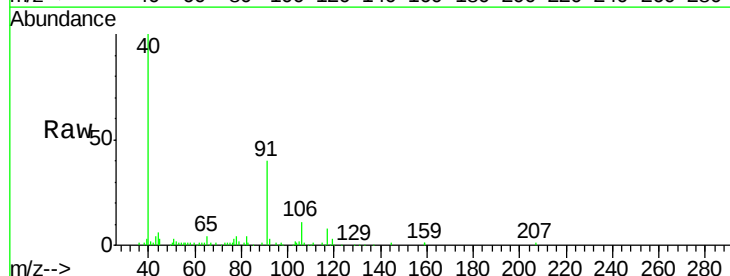


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

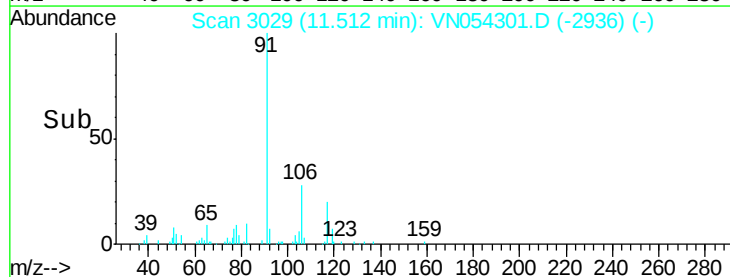
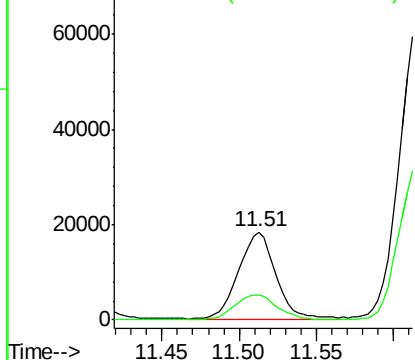


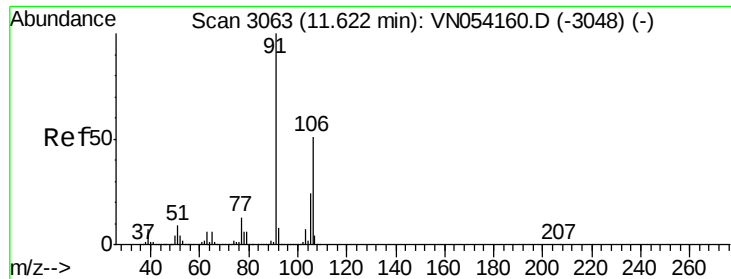
#67
Ethyl Benzene
Concen: 0.327 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. -0.00 min
Lab File: VN054301.D
Acq: 15 Mar 2019 10:02

Tgt Ion: 91 Resp: 30332
Ion Ratio Lower Upper
91 100
106 28.5 25.5 38.3



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

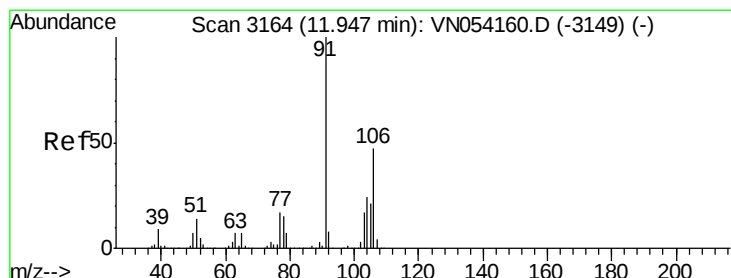
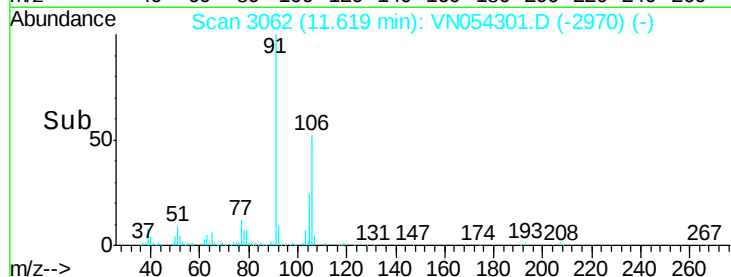
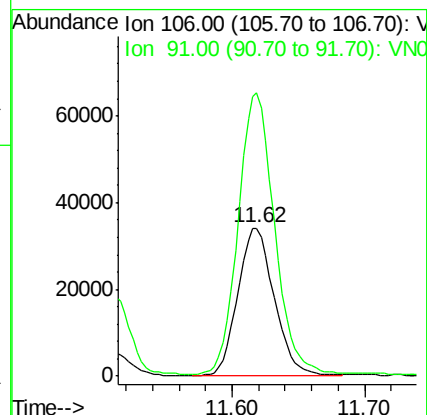
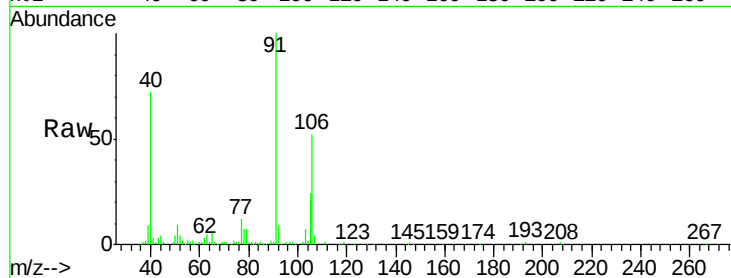




#68
m/p-Xylenes
Concen: 1.808 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN054301.D
Acq: 15 Mar 2019 10:02

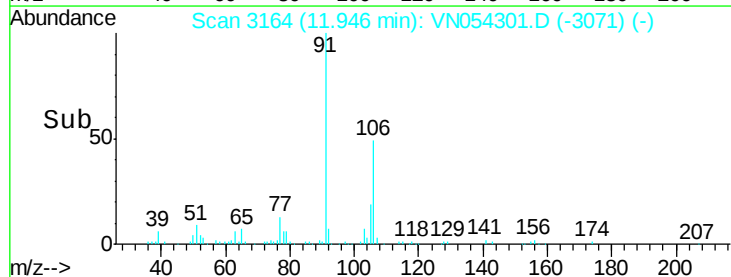
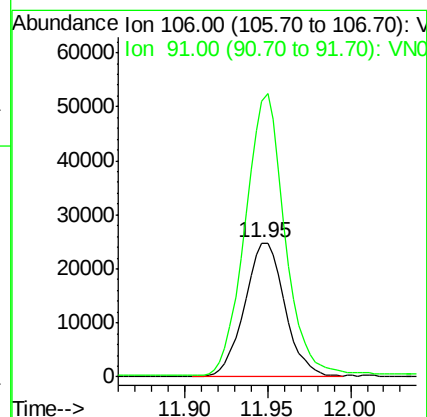
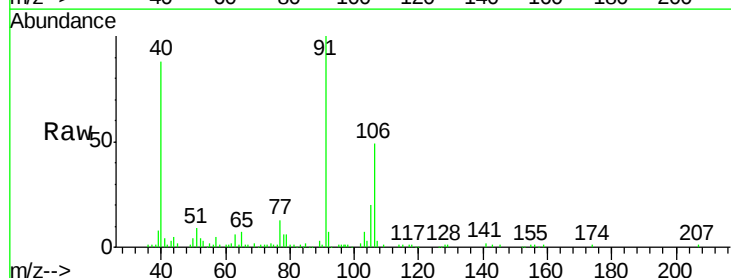
Instrument :
MSVOA_N
ClientSampled :
30303

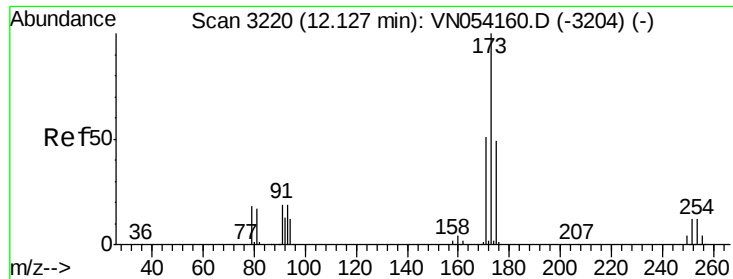
Tot Ion:106 Resp: 65526
Ion Ratio Lower Upper
106 100
91 186.6 159.4 239.2



#69
o-Xylene
Concen: 1.191 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN054301.D
Acq: 15 Mar 2019 10:02

Tgt Ion:106 Resp: 42086
Ion Ratio Lower Upper
106 100
91 204.8 105.7 317.1





#71

Bromoform

Concen: 2.364 ug/l

RT: 12.15 min Scan# 3228

Delta R.T. 0.03 min

Lab File: VN054301.D

Acq: 15 Mar 2019 10:02

Instrument :

MSVOA_N

ClientSampled :

30303

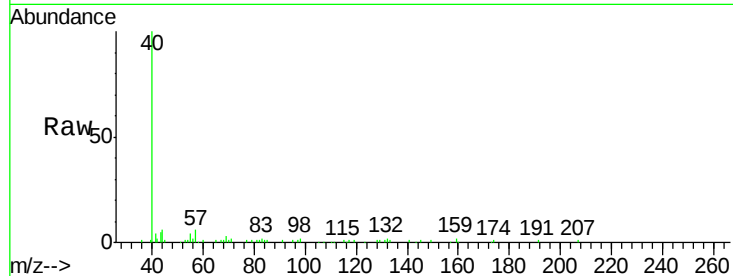
Tot Ion:173 Resp: 219

Ion Ratio Lower Upper

173 100

175 0.0 24.4 73.2#

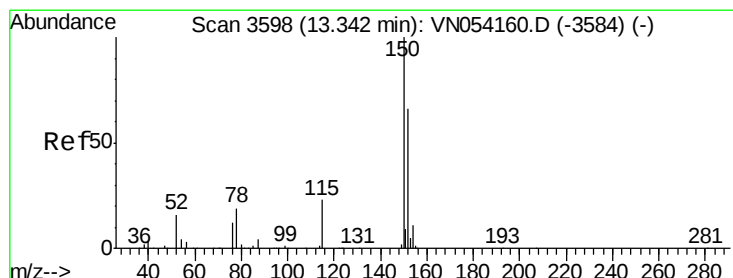
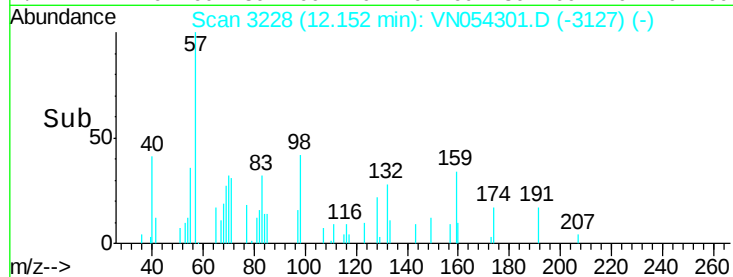
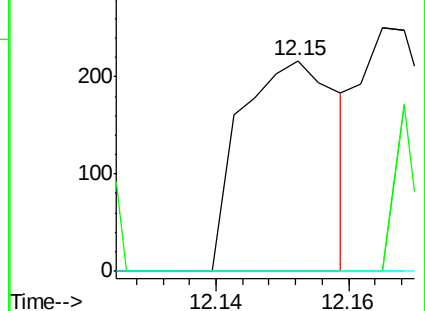
254 0.0 0.1 0.1#



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: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN054301.D

Acq: 15 Mar 2019 10:02

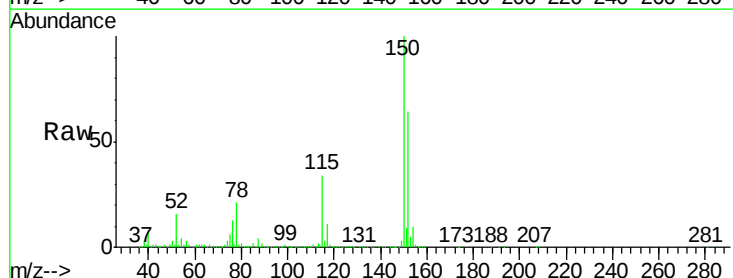
Tgt Ion:152 Resp: 1110653

Ion Ratio Lower Upper

152 100

115 54.7 27.2 81.6

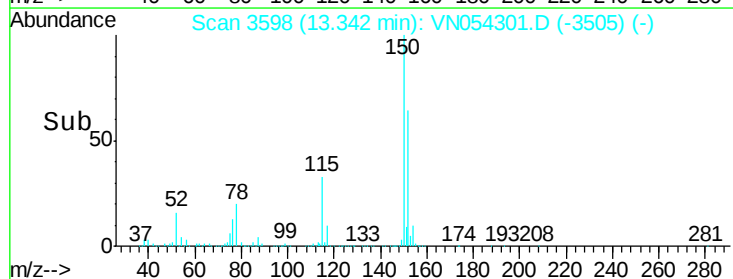
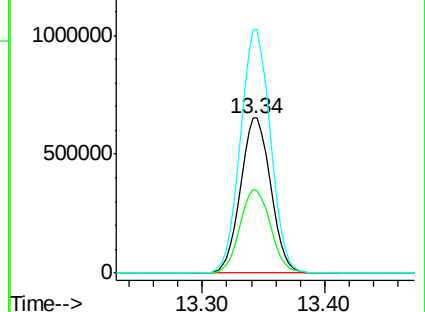
150 156.2 0.0 349.2

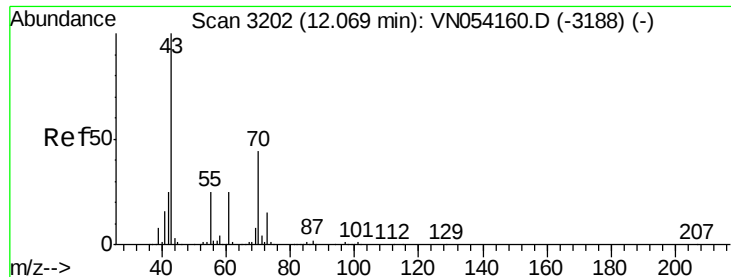


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#74

N-amvl acetate

Concen: 0.446 ug/l

RT: 12.03 min Scan# 3190

Delta R.T. -0.04 min

Lab File: VN054301.D

Acq: 15 Mar 2019 10:02

Instrument :

MSVOA_N

ClientSampleId :

30303

Tot Ion: 43 Resp: 8793

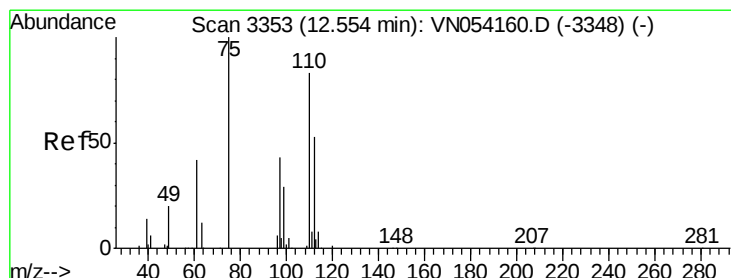
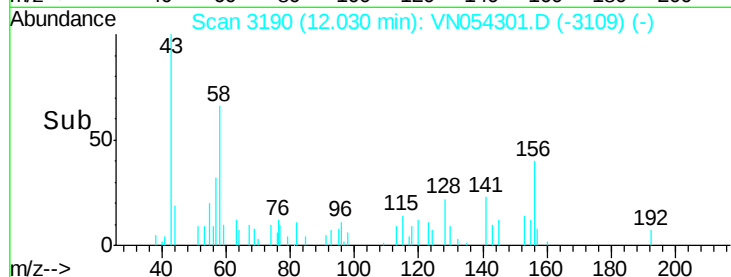
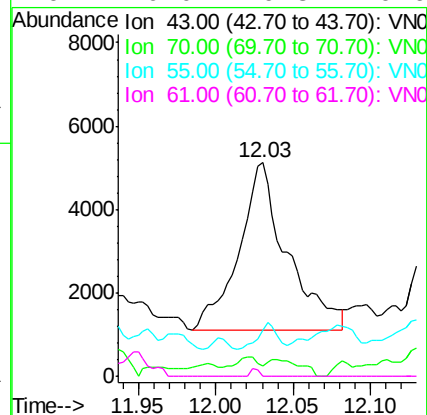
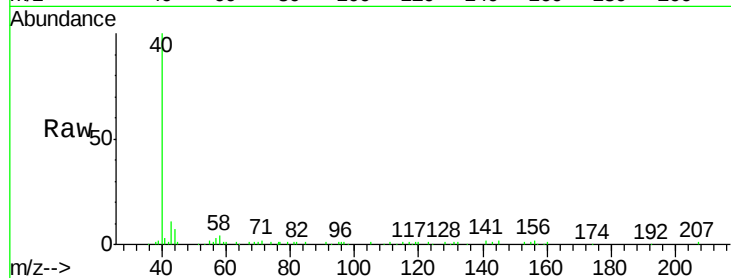
Ion Ratio Lower Upper

43 100

70 6.9 35.4 53.0#

55 6.1 19.8 29.6#

61 0.0 19.8 29.6#



#76

1,2,3-Trichloropropane

Concen: 32.985 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN054301.D

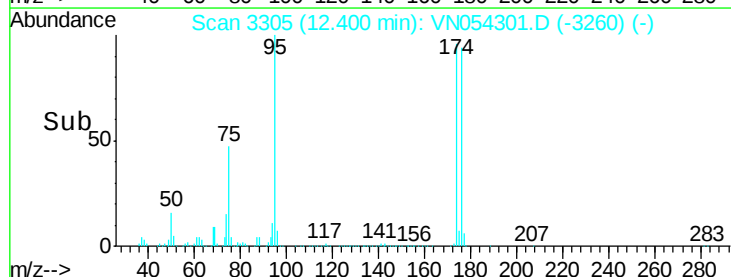
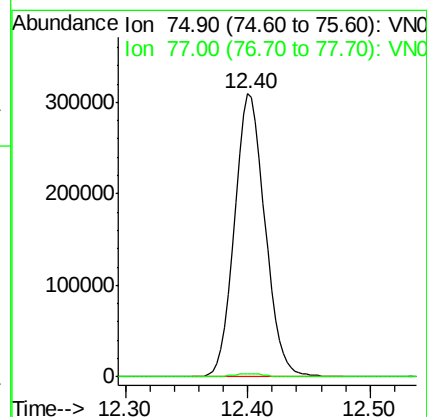
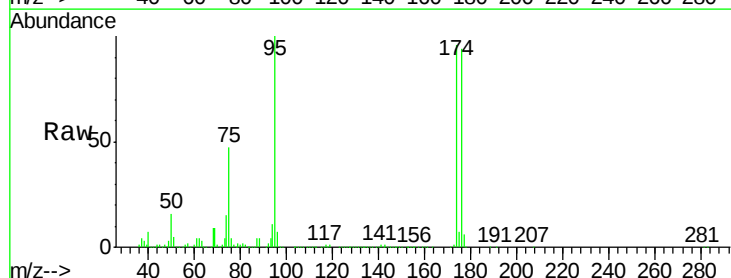
Acq: 15 Mar 2019 10:02

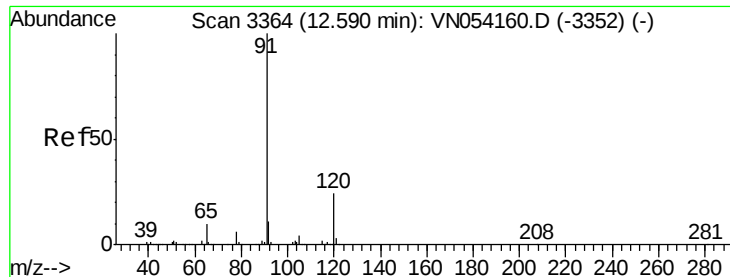
Tgt Ion: 75 Resp: 538735

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#





#78

n-propylbenzene

Concen: 0.468 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN054301.D

Acq: 15 Mar 2019 10:02

Instrument :

MSVOA_N

ClientSampleId :

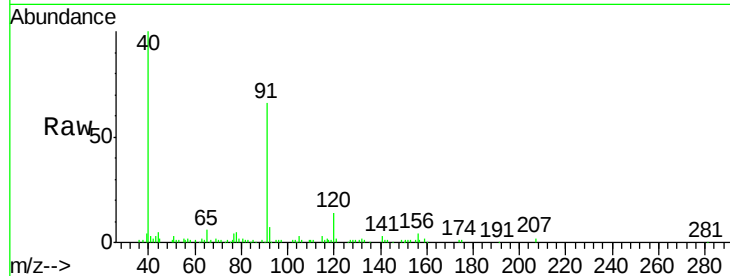
30303

Tot Ion: 91 Resp: 45088

Ion Ratio Lower Upper

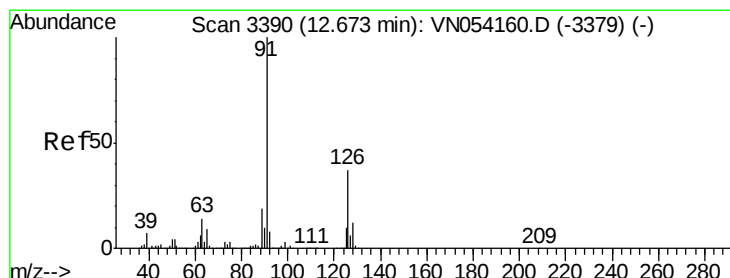
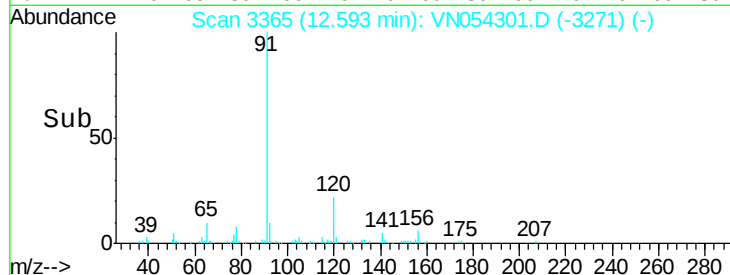
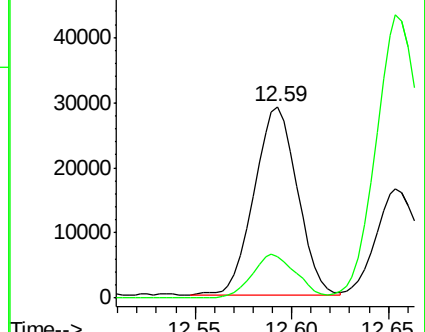
91 100

120 23.7 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) (-)



#79

2-Chlorotoluene

Concen: 0.575 ug/l

RT: 12.65 min Scan# 3384

Delta R.T. -0.02 min

Lab File: VN054301.D

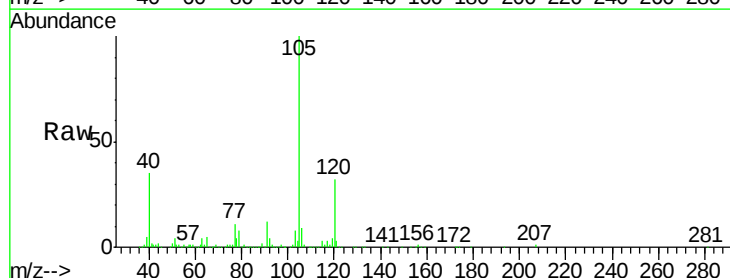
Acq: 15 Mar 2019 10:02

Tgt Ion: 91 Resp: 33348

Ion Ratio Lower Upper

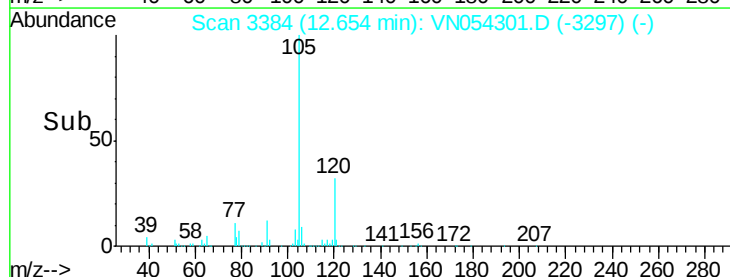
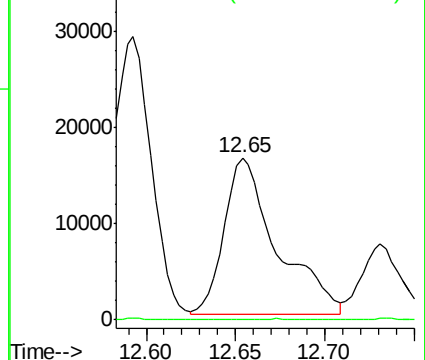
91 100

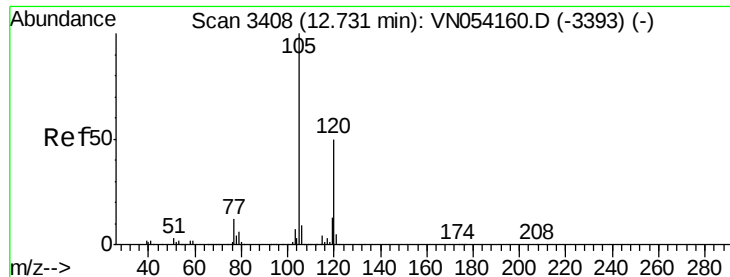
126 0.1 18.7 56.1#



Abundance Ion 91.00 (90.70 to 91.70): VN054160.D (-3379) (-)

Ion 125.90 (125.60 to 126.60): VN054160.D (-3379) (-)





#80

1,3,5-Trimethylbenzene

Concen: 1.686 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.00 min

Lab File: VN054301.D

Acq: 15 Mar 2019 10:02

Instrument :

MSVOA_N

ClientSampled :

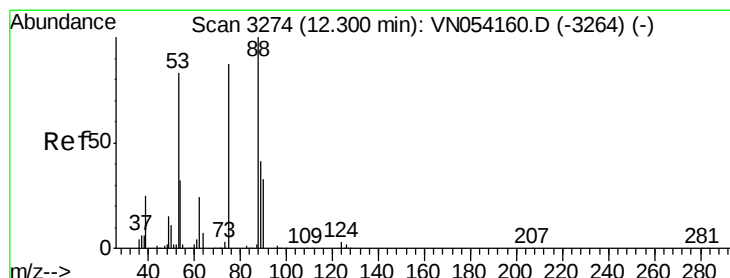
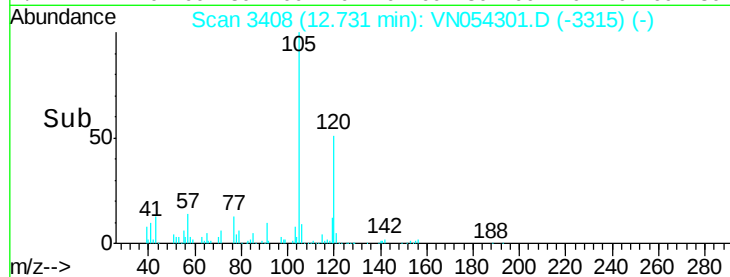
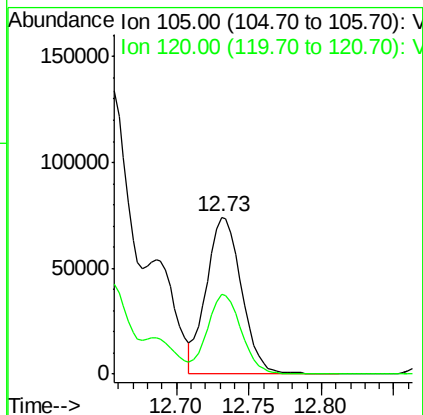
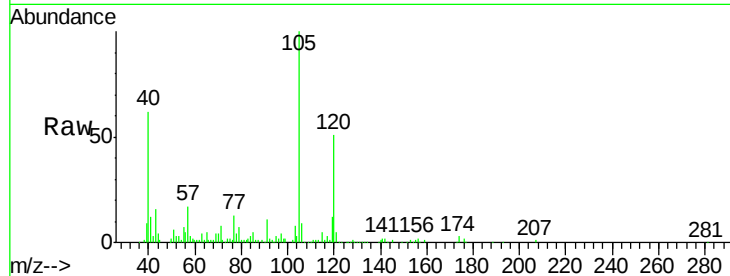
30303

Tot Ion:105 Resp: 124598

Ion Ratio Lower Upper

105 100

120 49.3 25.0 75.0



#81

trans-1,4-Dichloro-2-butene

Concen: 112.758 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN054301.D

Acq: 15 Mar 2019 10:02

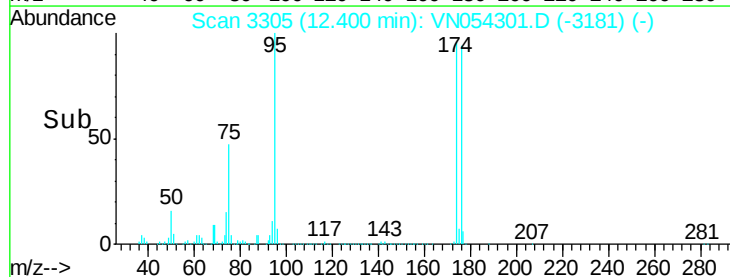
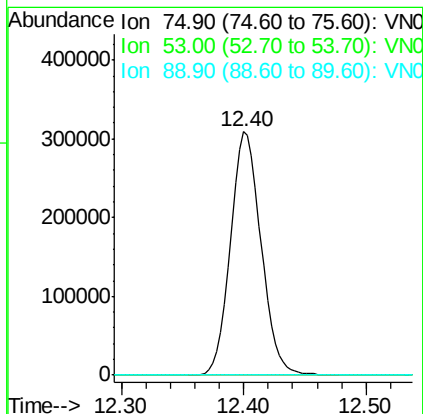
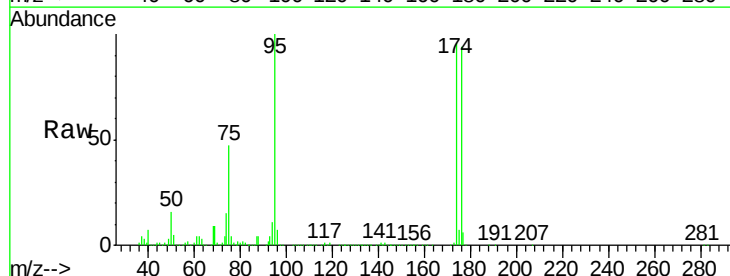
Tgt Ion: 75 Resp: 538735

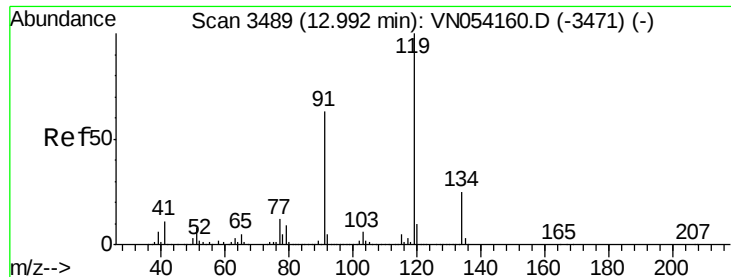
Ion Ratio Lower Upper

75 100

53 0.0 76.2 114.2#

89 0.0 39.2 58.8#

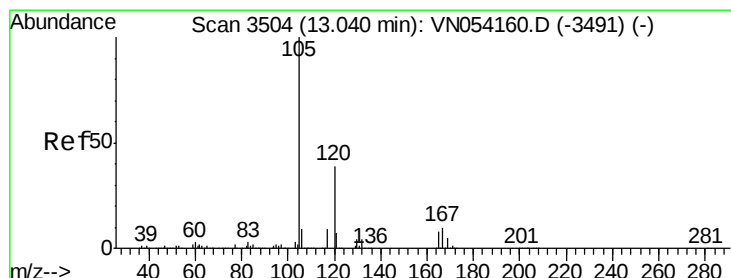
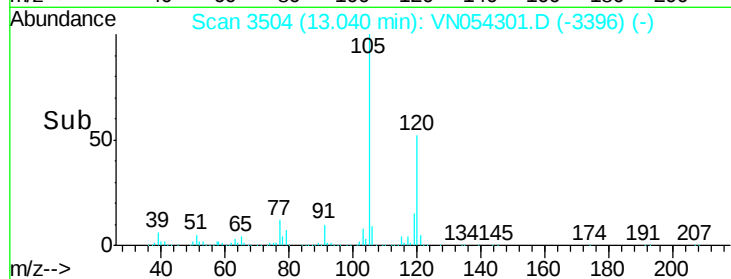
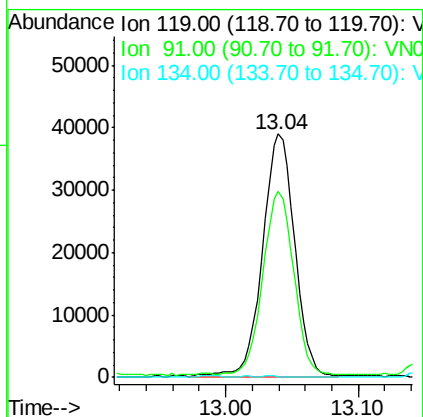
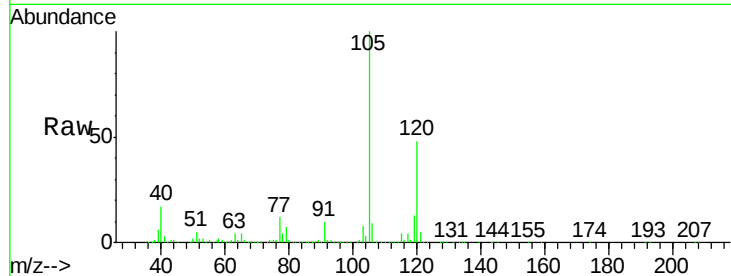




#83
 tert-Butylbenzene
 Concen: 0.957 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.05 min
 Lab File: VN054301.D
 Acq: 15 Mar 2019 10:02

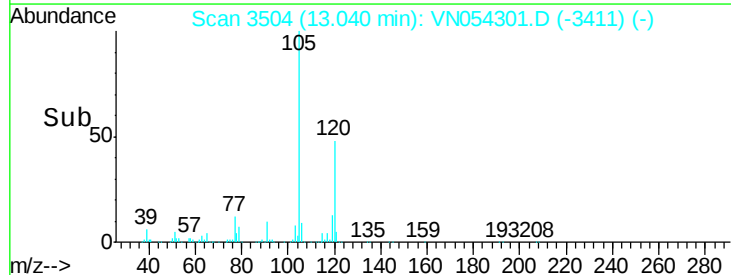
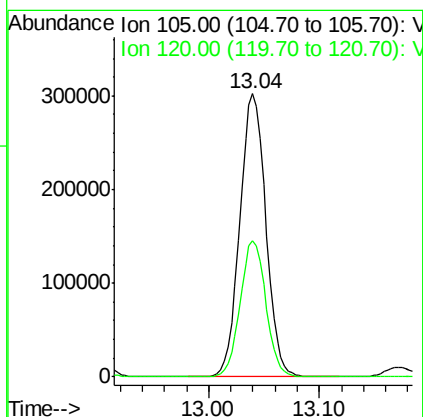
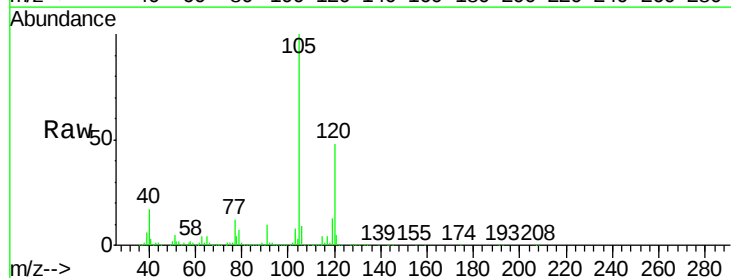
Instrument :
 MSVOA_N
 ClientSampleId :
 30303

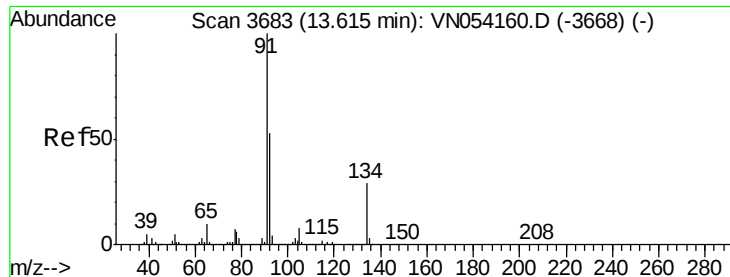
Tot Ion:119 Resp: 65125
 Ion Ratio Lower Upper
 119 100
 91 72.8 30.9 92.8
 134 0.0 13.2 39.6#



#84
 1,2,4-Trimethylbenzene
 Concen: 6.811 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. -0.00 min
 Lab File: VN054301.D
 Acq: 15 Mar 2019 10:02

Tgt Ion:105 Resp: 493872
 Ion Ratio Lower Upper
 105 100
 120 47.4 23.4 70.3





#89

n-Butylbenzene

Concen: 0.383 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. -0.00 min

Lab File: VN054301.D

Acq: 15 Mar 2019 10:02

Instrument :

MSVOA_N

ClientSampled :

30303

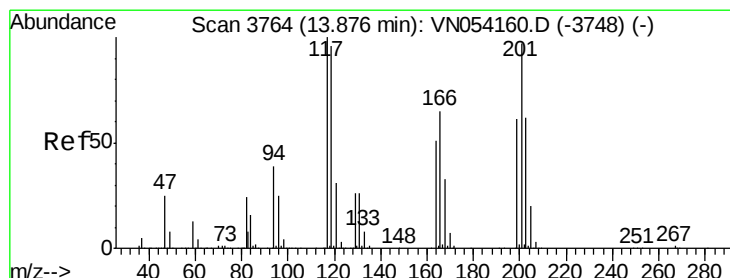
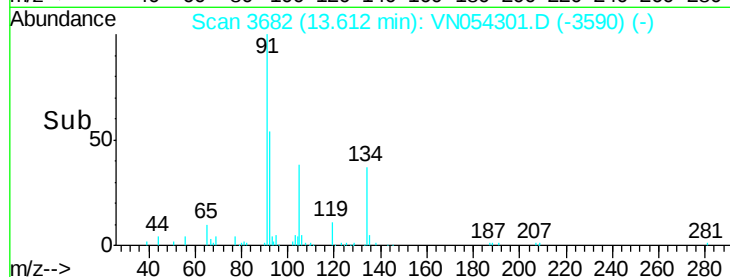
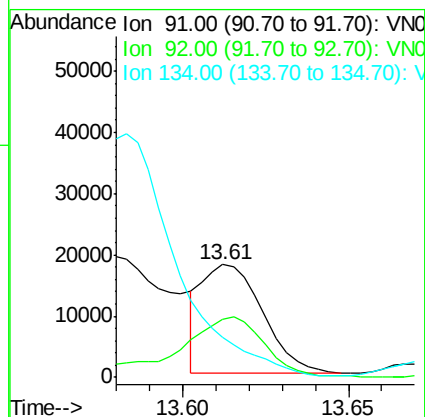
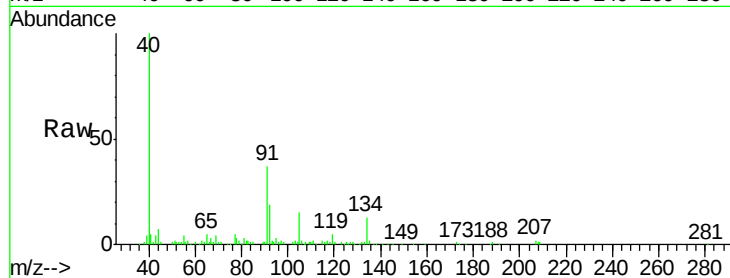
Tot Ion: 91 Resp: 22537

Ion Ratio Lower Upper

91 100

92 82.0 26.2 78.6#

134 0.0 14.3 42.9#



#90

Hexachloroethane

Concen: 1.267 ug/l

RT: 13.89 min Scan# 3767

Delta R.T. 0.01 min

Lab File: VN054301.D

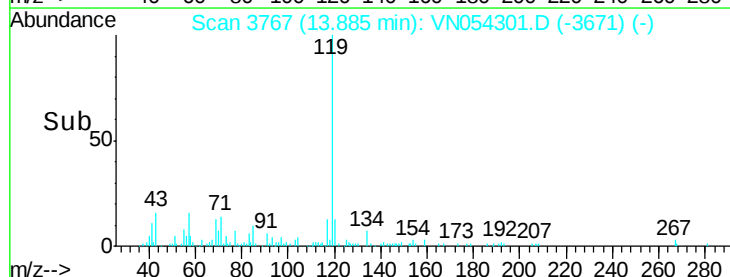
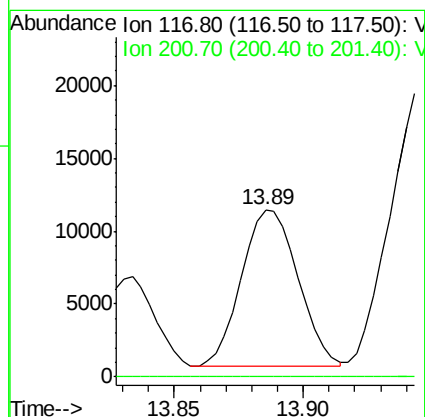
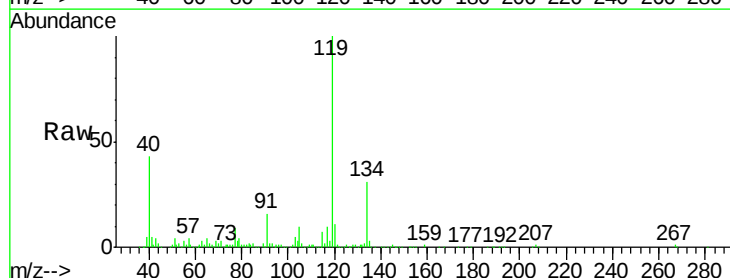
Acq: 15 Mar 2019 10:02

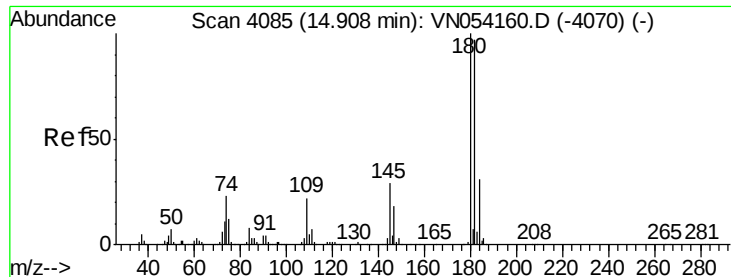
Tgt Ion: 117 Resp: 16245

Ion Ratio Lower Upper

117 100

201 0.0 48.1 144.4#





#93

1,2,4-Trichlorobenzene

Concen: 2.546 ug/l

RT: 14.91 min Scan# 4086

Delta R.T. 0.00 min

Lab File: VN054301.D

Acq: 15 Mar 2019 10:02

Instrument :

MSVOA_N

ClientSampleId :

30303

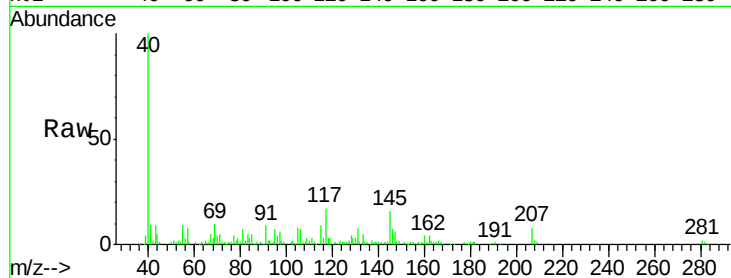
Tot Ion:180 Resp: 730

Ion Ratio Lower Upper

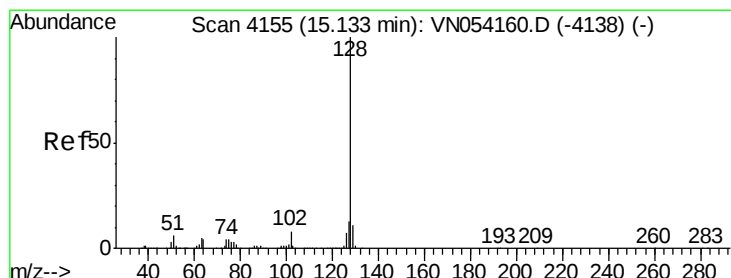
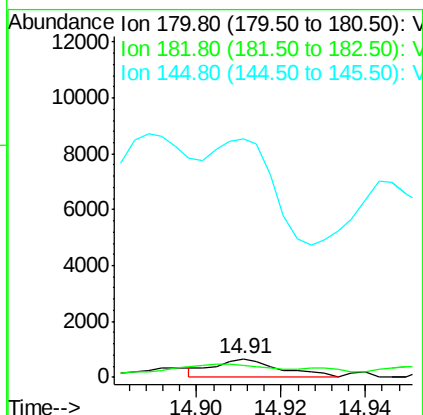
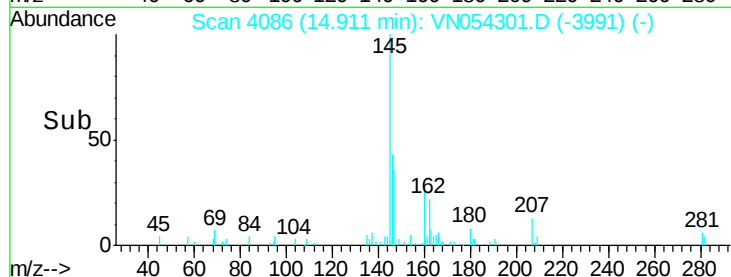
180 100

182 127.9 48.0 144.2

145 0.0 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



#95

Naphthalene

Concen: 5.416 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN054301.D

Acq: 15 Mar 2019 10:02

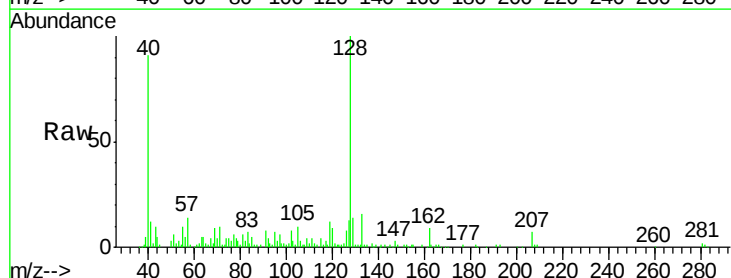
Tgt Ion:128 Resp: 101884

Ion Ratio Lower Upper

128 100

127 14.9 10.1 15.1

129 9.6 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

