

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031819\
 Data File : VN054411.D
 Acq On : 19 Mar 2019 00:01
 Operator : JC/SP
 Sample : K1902-04 10X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Mar 19 05:17:41 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	1779645	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2615842	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2231858	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	897766	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	879738	46.55	ug/l	0.00
Spiked Amount			Recovery	=	93.10%	
35) Dibromofluoromethane	7.59	113	795099	47.13	ug/l	0.00
Spiked Amount			Recovery	=	94.26%	
50) Toluene-d8	10.09	98	2997147	48.10	ug/l	0.00
Spiked Amount			Recovery	=	96.20%	
62) 4-Bromofluorobenzene	12.40	95	936085	42.94	ug/l	0.00
Spiked Amount			Recovery	=	85.88%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	3.94	142	1116	1.538	ug/l #	55
13) Acrolein	3.61	56	4733	3.855	ug/l #	78
16) Acetone	3.82	43	910188	168.196	ug/l	98
18) Methyl Acetate	4.33	43	16427	1.500	ug/l	95
25) 2-Butanone	6.85	43	43478	6.845	ug/l	91
29) Tetrahydrofuran	7.23	42	886	0.217	ug/l #	50
31) Cyclohexane	7.66	56	27896	Below Cal	#	13
36) 1,1-Dichloropropene	7.66	75	106711	4.430	ug/l #	48
37) Ethyl Acetate	6.94	43	65822	4.755	ug/l	98
38) Carbon Tetrachloride	7.66	117	149304	5.910	ug/l #	16
43) Isopropyl Acetate	8.30	43	17677	0.728	ug/l #	60
49) 1,4-Dioxane	8.93	88	58	0.333	ug/l #	27
51) 4-Methyl-2-Pentanone	9.99	43	13667	1.063	ug/l #	80
52) Toluene	10.16	92	12106	0.277	ug/l	98
53) t-1,3-Dichloropropene	10.37	75	140	1.991	ug/l #	1
59) 2-Hexanone	10.72	43	63065	7.371	ug/l #	23
60) Dibromochloromethane	10.63	129	4319	0.240	ug/l #	11
64) Tetrachloroethene	10.63	164	5440	0.252	ug/l #	84
67) Ethyl Benzene	11.51	91	59940	0.738	ug/l	98
68) m/p-Xylenes	11.62	106	127205	4.006	ug/l	100
69) o-Xylene	11.95	106	86036	2.780	ug/l	97
71) Bromoform	12.40	173	5505	2.737	ug/l #	1
74) N-ethyl acetate	12.03	43	17280	1.084	ug/l #	42
76) 1,2,3-Trichloropropane	12.40	75	447172	33.871	ug/l #	100
78) n-propylbenzene	12.59	91	58365	0.749	ug/l	100
79) 2-Chlorotoluene	12.66	91	47439	1.012	ug/l #	39
80) 1,3,5-Trimethylbenzene	12.73	105	156388	2.618	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.40	75	447172	115.788	ug/l #	11
82) 4-Chlorotoluene	12.73	91	12526	0.268	ug/l #	39
83) tert-Butylbenzene	13.04	119	87202	1.586	ug/l #	69
84) 1,2,4-Trimethylbenzene	13.04	105	697221	11.895	ug/l	100
85) sec-Butylbenzene	13.04	105	697221	9.776	ug/l #	55
86) p-Isopropyltoluene	13.29	119	15244	0.244	ug/l	92
89) n-Butylbenzene	13.58	91	11355	0.239	ug/l #	1

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

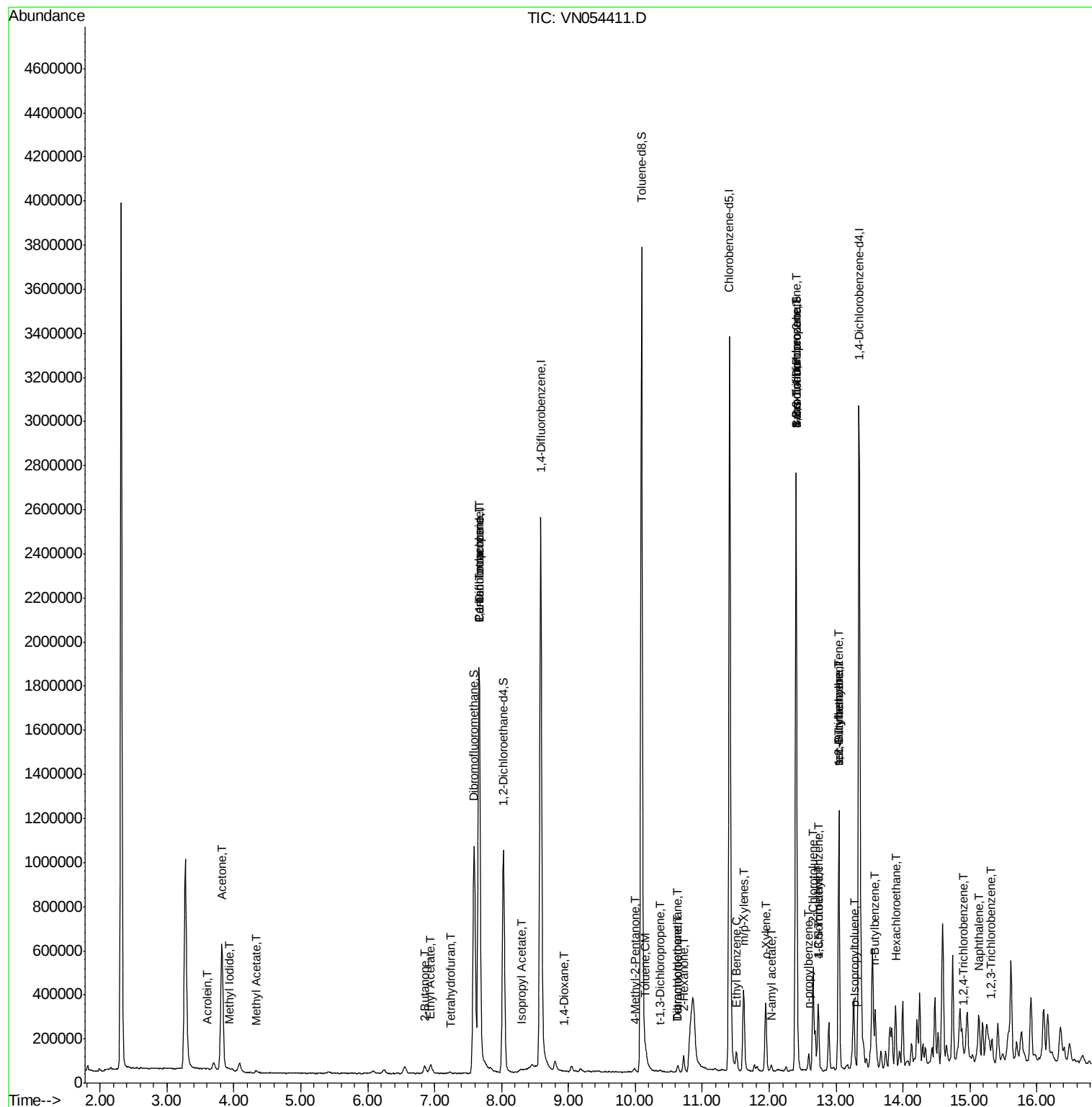
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) Hexachloroethane	13.89	117	14672	1.416	ug/l #	2
93) 1,2,4-Trichlorobenzene	14.91	180	2584	2.646	ug/l #	87
95) Naphthalene	15.13	128	179432	7.710	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	3857	0.232	ug/l #	72

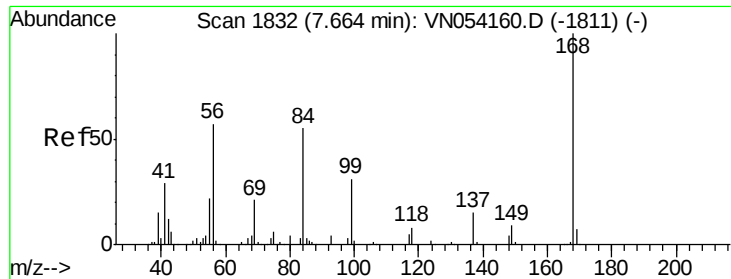
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN031819\
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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: VN054411.D

Acq: 19 Mar 2019 00:01

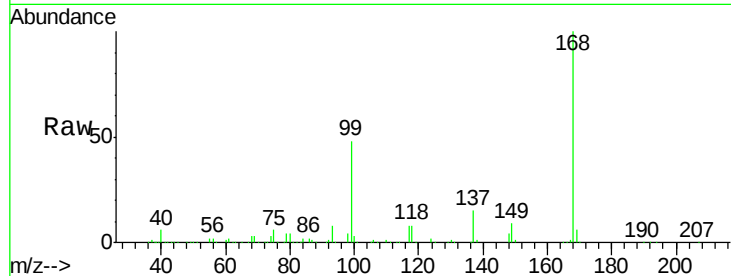
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 1779645

Ion Ratio Lower Upper

168 100

99 48.0 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

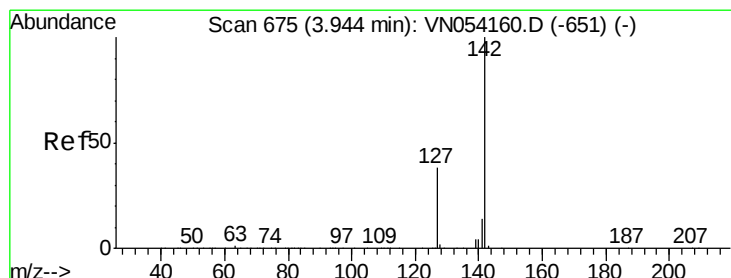
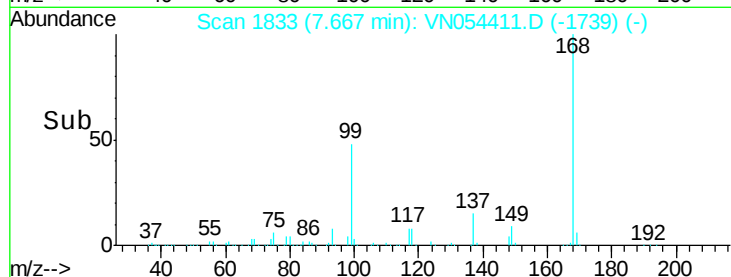
600000

400000

200000

0

Time-->



#10

Methyl Iodide

Concen: 1.538 ug/l

RT: 3.94 min Scan# 675

Delta R.T. 0.00 min

Lab File: VN054411.D

Acq: 19 Mar 2019 00:01

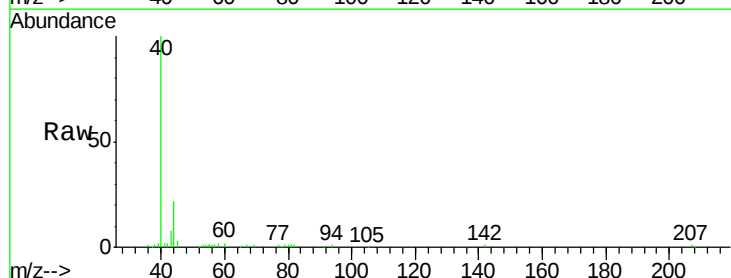
Tgt Ion:142 Resp: 1116

Ion Ratio Lower Upper

142 100

127 8.5 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

3.94

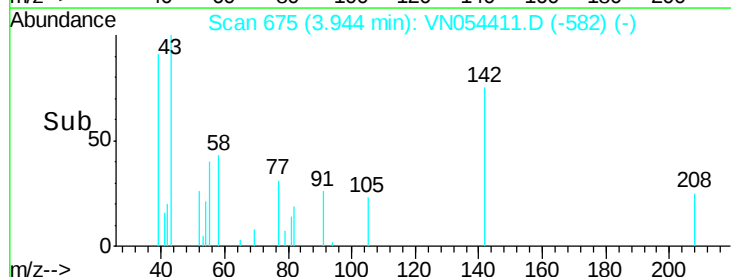
600

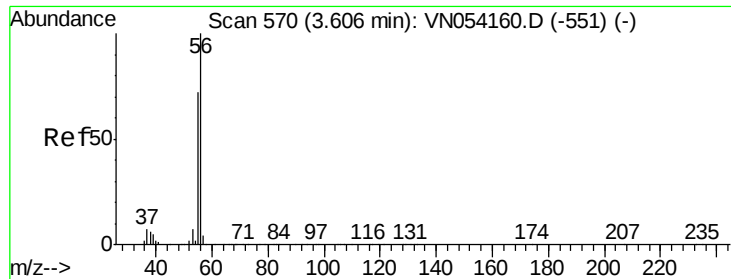
400

200

0

Time-->





#13

Acrolein

Concen: 3.855 ug/l

RT: 3.61 min Scan# 572

Delta R.T. 0.01 min

Lab File: VN054411.D

Acq: 19 Mar 2019 00:01

Instrument :

MSVOA_N

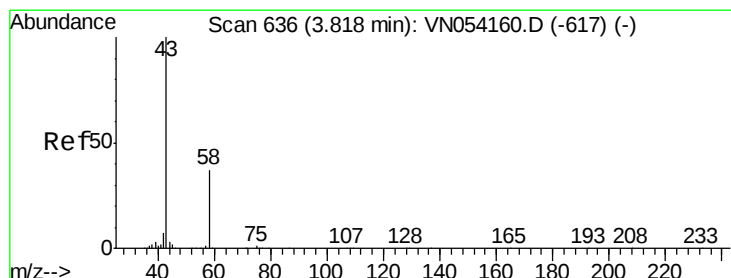
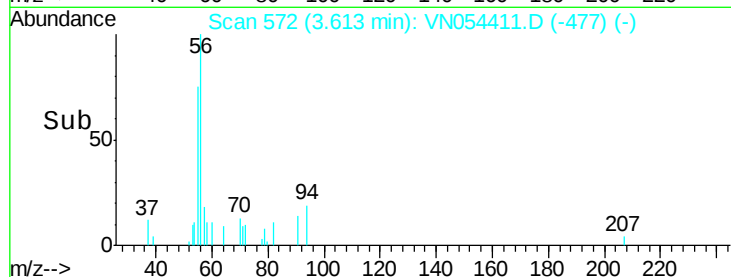
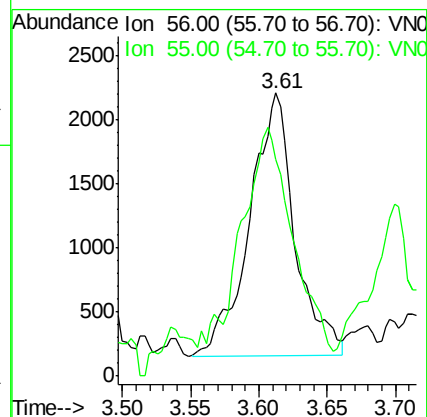
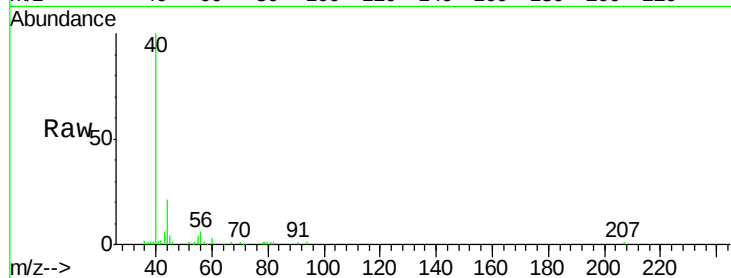
ClientSampled :

Tot Ion: 56 Resp: 4733

Ion Ratio Lower Upper

56 100

55 89.4 56.7 85.1#



#16

Acetone

Concen: 168.196 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN054411.D

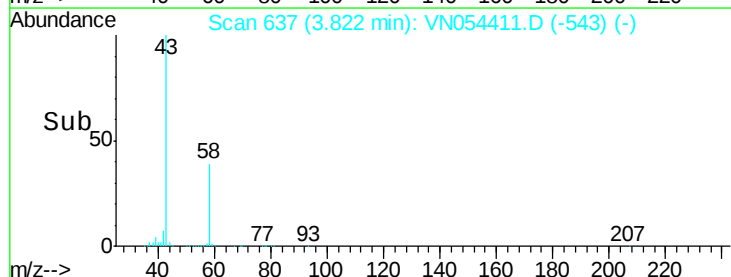
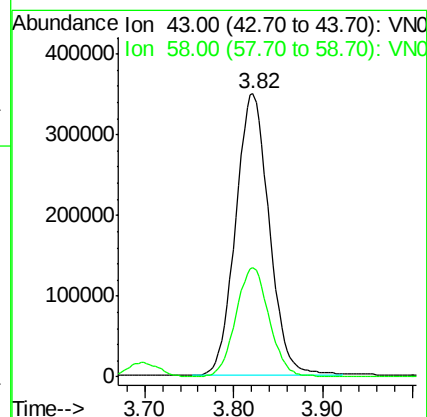
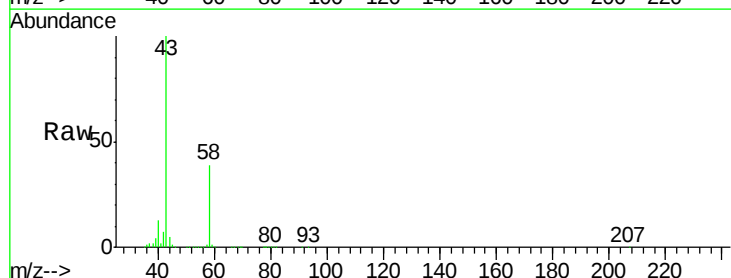
Acq: 19 Mar 2019 00:01

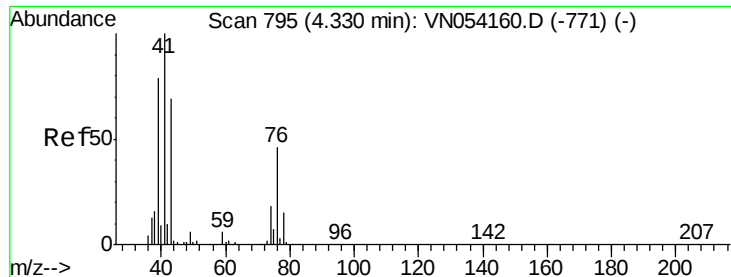
Tgt Ion: 43 Resp: 910188

Ion Ratio Lower Upper

43 100

58 38.8 29.9 44.9

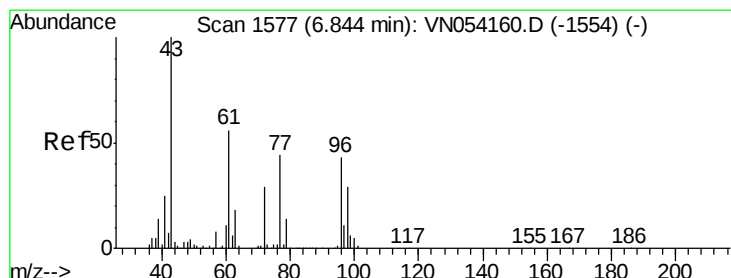
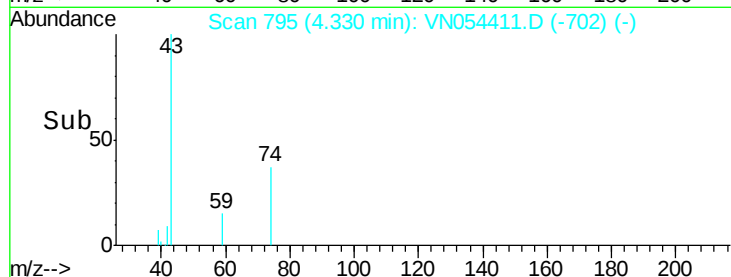
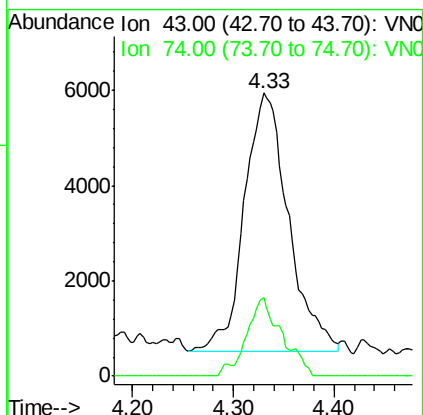
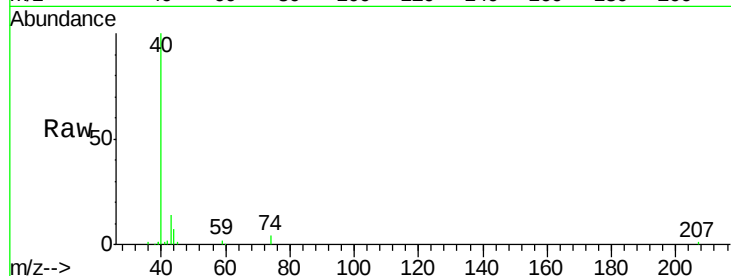




#18
Methvl Acetate
Concen: 1.500 ug/l
RT: 4.33 min Scan# 795
Delta R.T. 0.00 min
Lab File: VN054411.D
Acq: 19 Mar 2019 00:01

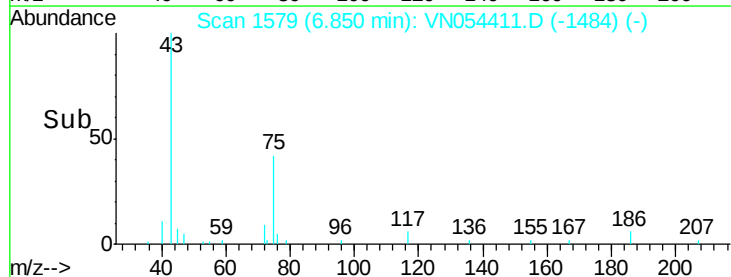
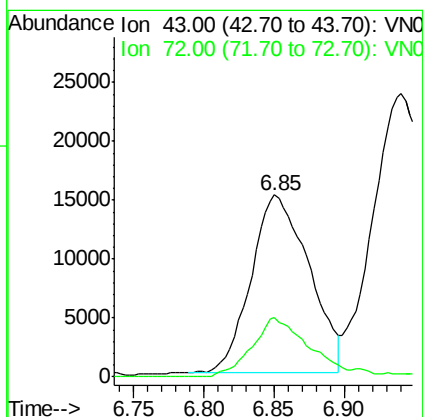
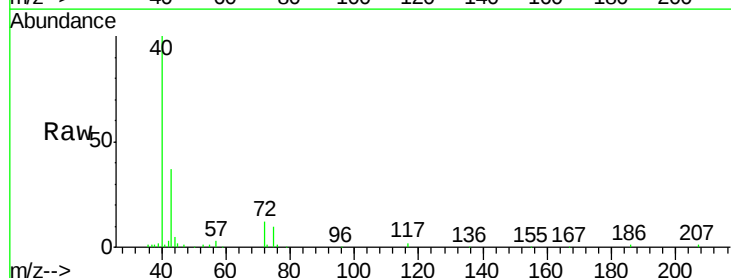
Instrument :
MSVOA_N
ClientSampleId :

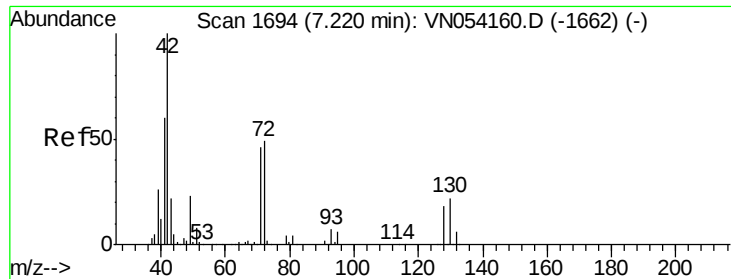
Tot Ion: 43 Resp: 16427
Ion Ratio Lower Upper
43 100
74 23.4 20.8 31.2



#25
2-Butanone
Concen: 6.845 ug/l
RT: 6.85 min Scan# 1579
Delta R.T. 0.01 min
Lab File: VN054411.D
Acq: 19 Mar 2019 00:01

Tgt Ion: 43 Resp: 43478
Ion Ratio Lower Upper
43 100
72 33.3 23.0 34.6

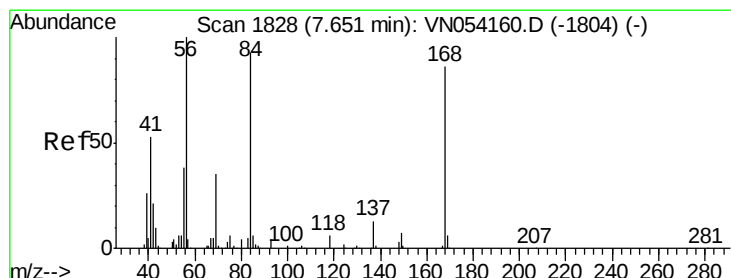
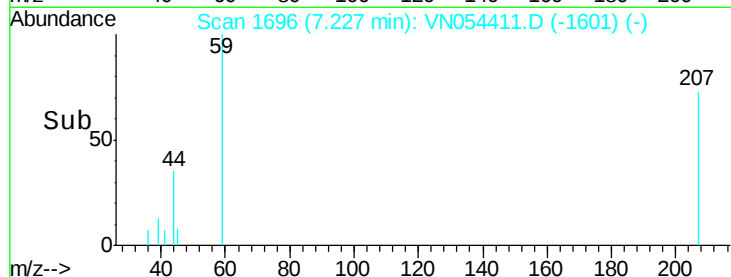
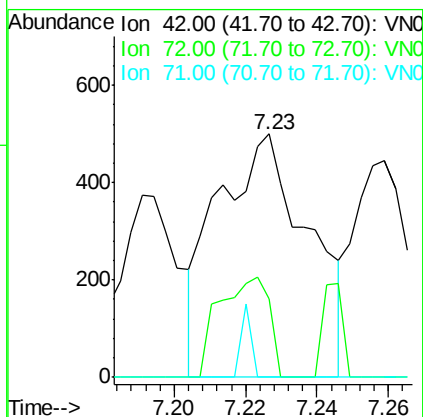
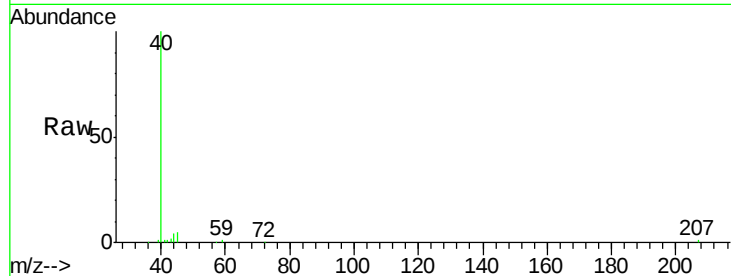




#29
Tetrahydrofuran
Concen: 0.217 ug/l
RT: 7.23 min Scan# 1696
Delta R.T. 0.01 min
Lab File: VN054411.D
Acq: 19 Mar 2019 00:01

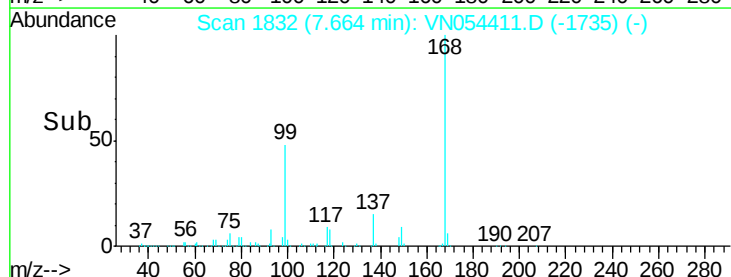
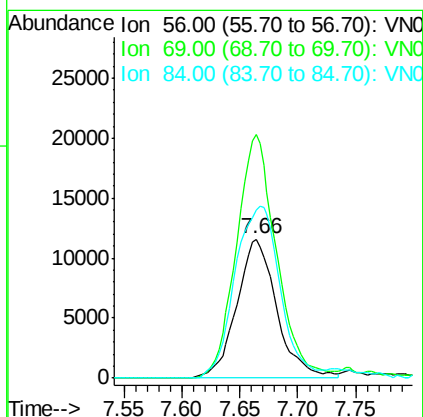
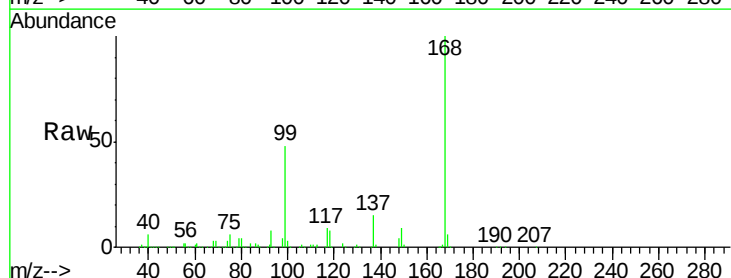
Instrument :
MSVOA_N
ClientSampleId :

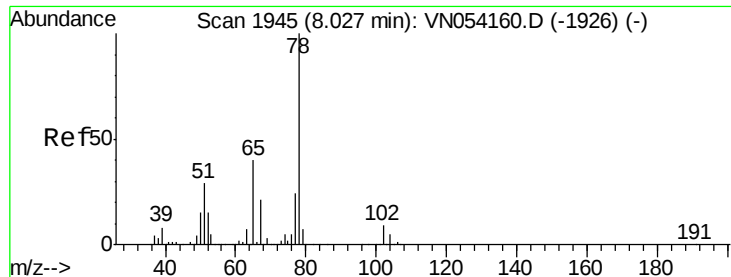
Tot Ion: 42 Resp: 886
Ion Ratio Lower Upper
42 100
72 22.6 37.8 56.6#
71 3.3 36.2 54.2#



#31
Cyclohexane
Concen: Below Cal
RT: 7.66 min Scan# 1832
Delta R.T. 0.01 min
Lab File: VN054411.D
Acq: 19 Mar 2019 00:01

Tgt Ion: 56 Resp: 27896
Ion Ratio Lower Upper
56 100
69 175.2 27.8 41.6#
84 120.6 74.6 111.8#

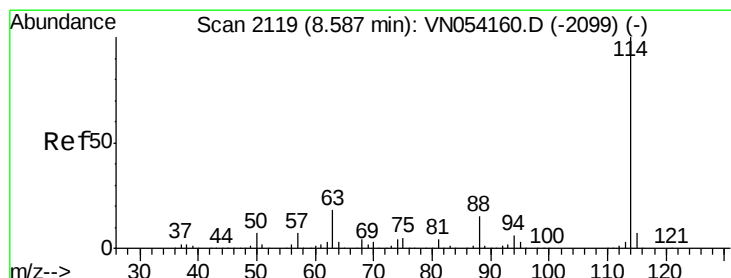
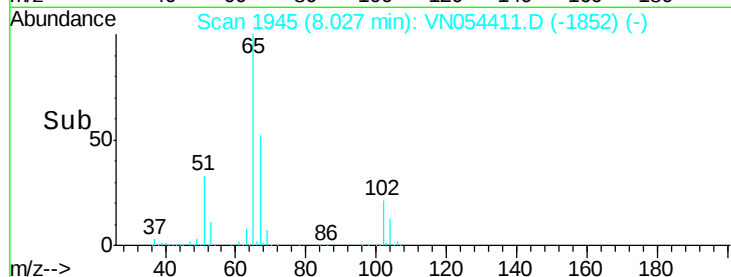
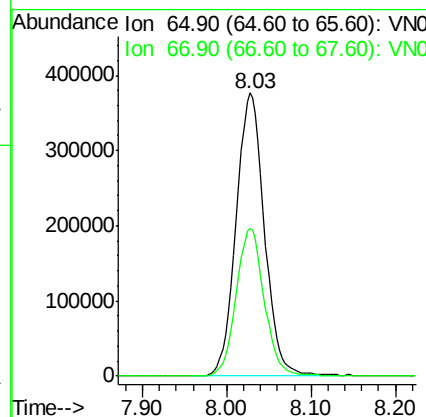
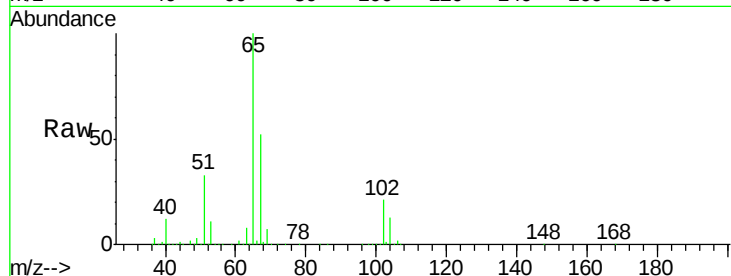




#33
 1,2-Dichloroethane-d4
 Concen: 46.547 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN054411.D
 Acq: 19 Mar 2019 00:01

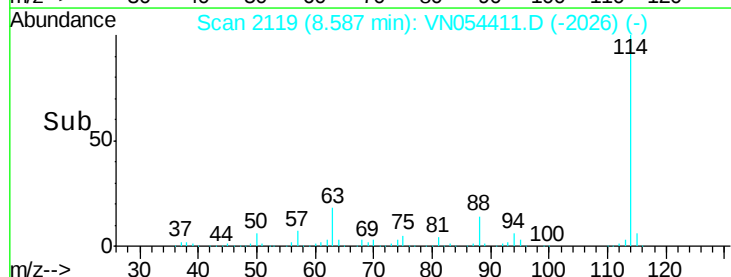
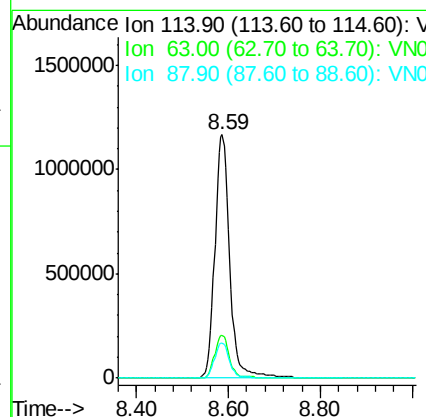
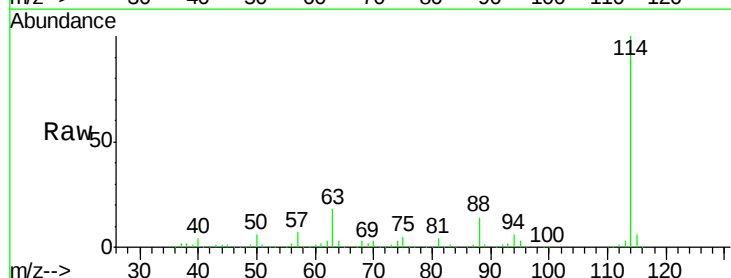
Instrument :
 MSVOA_N
 ClientSampleId :

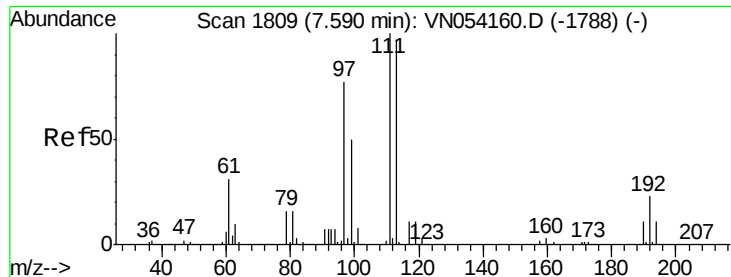
Tot Ion: 65 Resp: 879738
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN054411.D
 Acq: 19 Mar 2019 00:01

Tgt Ion: 114 Resp: 2615842
 Ion Ratio Lower Upper
 114 100
 63 17.5 0.0 35.2
 88 14.5 0.0 30.2





#35

Dibromofluoromethane

Concen: 47.128 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN054411.D

Acq: 19 Mar 2019 00:01

Instrument :
MSVOA_N
ClientSampleId :

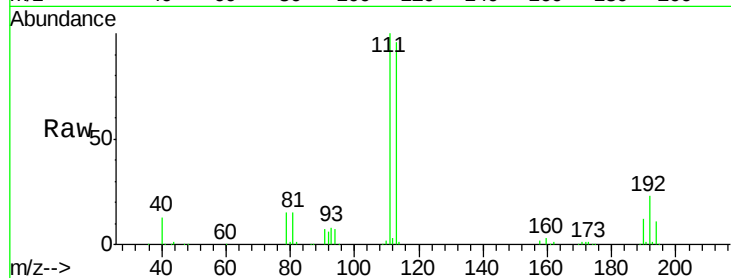
Tot Ion:113 Resp: 795099

Ion Ratio Lower Upper

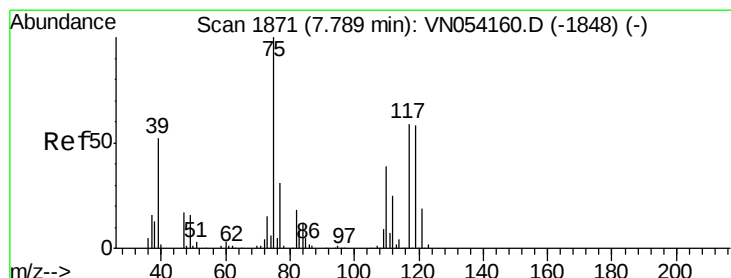
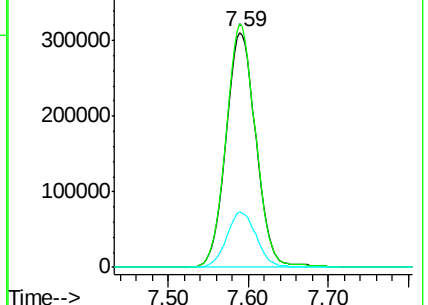
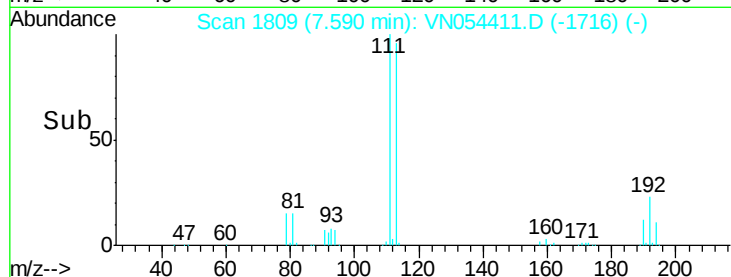
113 100

111 101.9 82.2 123.4

192 23.3 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: 4.430 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.13 min

Lab File: VN054411.D

Acq: 19 Mar 2019 00:01

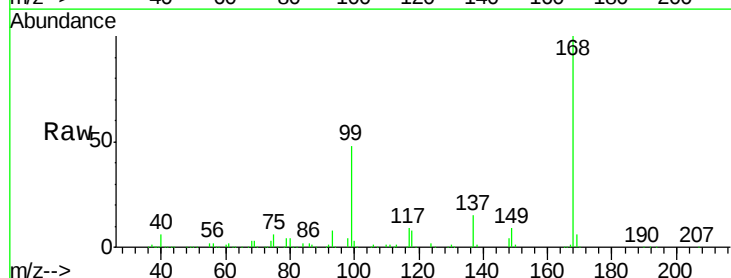
Tgt Ion: 75 Resp: 106711

Ion Ratio Lower Upper

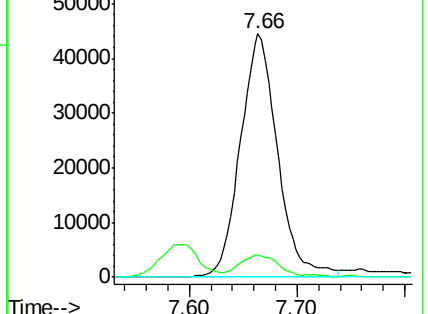
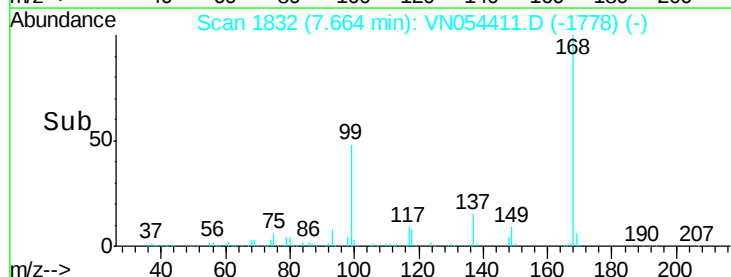
75 100

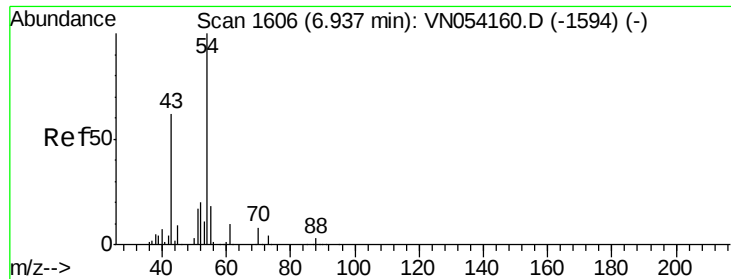
110 9.4 19.1 57.5#

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

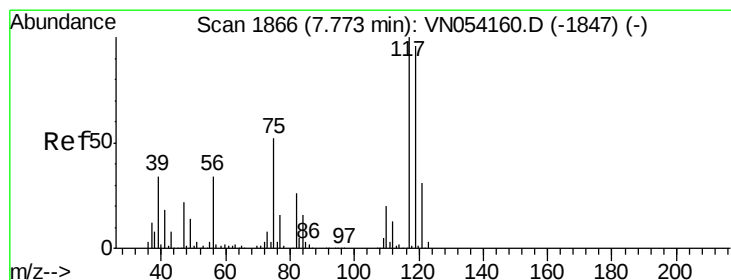
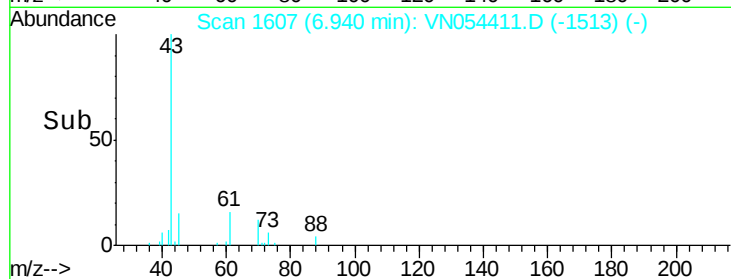
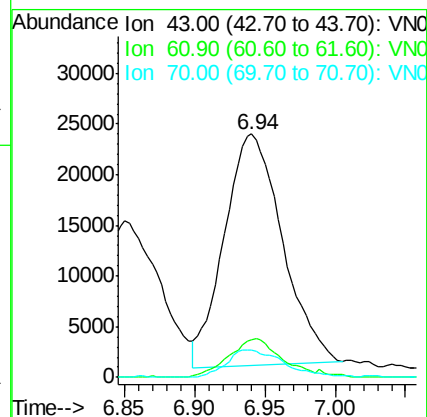
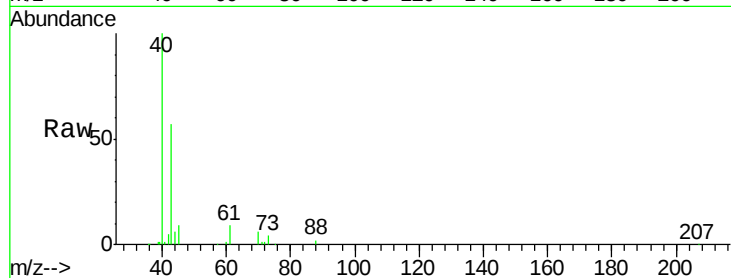




#37
Ethyl Acetate
Concen: 4.755 ug/l
RT: 6.94 min Scan# 1607
Delta R.T. 0.00 min
Lab File: VN054411.D
Acq: 19 Mar 2019 00:01

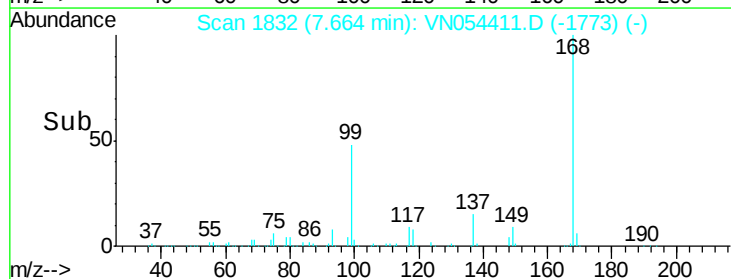
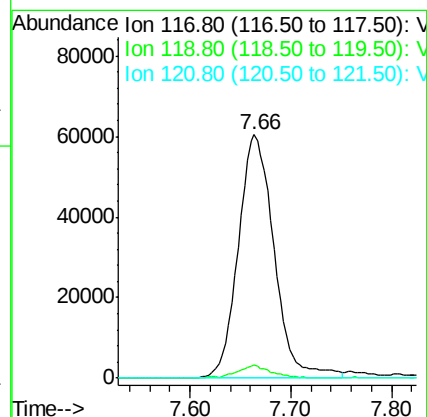
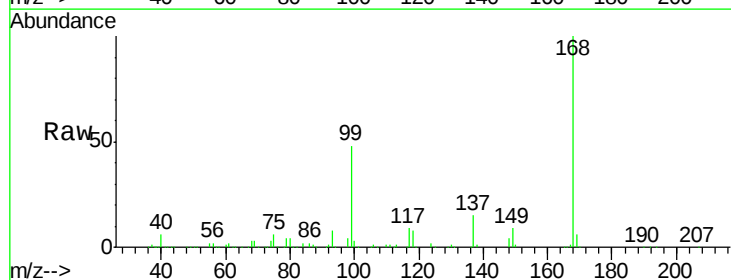
Instrument :
MSVOA_N
ClientSampleId :

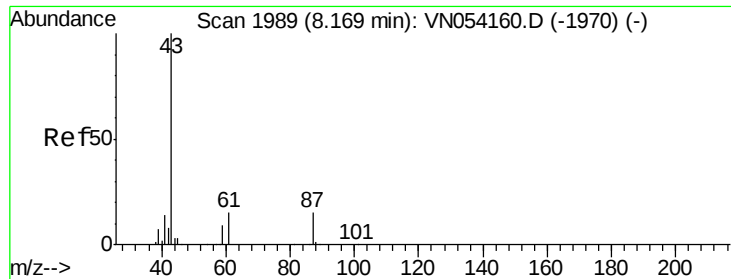
Tot Ion: 43 Resp: 65822
Ion Ratio Lower Upper
43 100
61 15.0 11.8 17.6
70 11.7 8.4 12.6



#38
Carbon Tetrachloride
Concen: 5.910 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. -0.11 min
Lab File: VN054411.D
Acq: 19 Mar 2019 00:01

Tgt Ion: 117 Resp: 149304
Ion Ratio Lower Upper
117 100
119 5.3 76.3 114.5#
121 0.0 24.6 36.8#





#43

Isopropyl Acetate

Concen: 0.728 ug/l

RT: 8.30 min Scan# 2031

Delta R.T. 0.14 min

Lab File: VN054411.D

Acq: 19 Mar 2019 00:01

Instrument :

MSVOA_N

ClientSampleId :

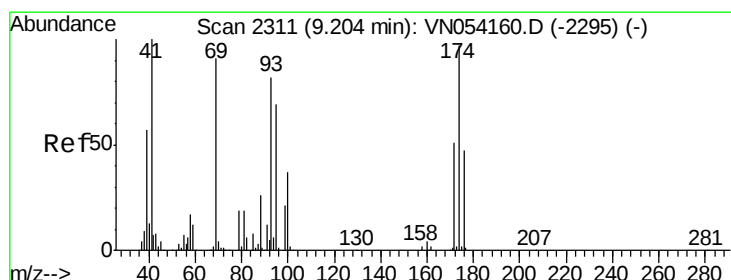
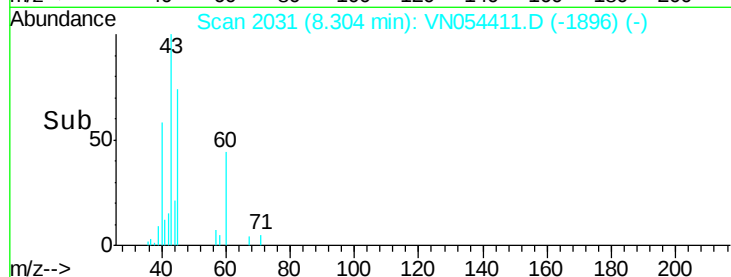
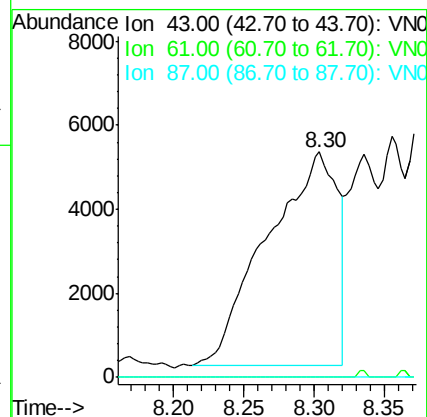
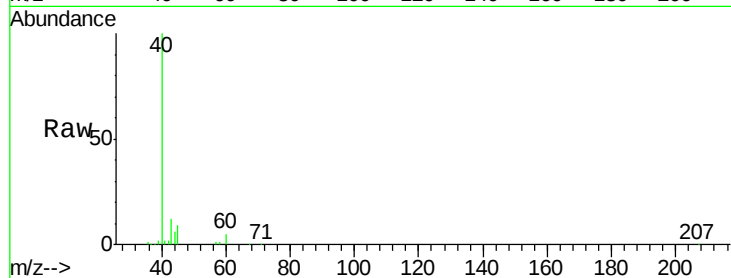
Tot Ion: 43 Resp: 17677

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: 0.333 ug/l

RT: 8.93 min Scan# 2225

Delta R.T. -0.28 min

Lab File: VN054411.D

Acq: 19 Mar 2019 00:01

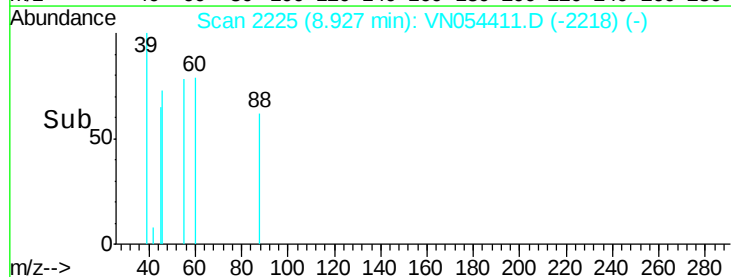
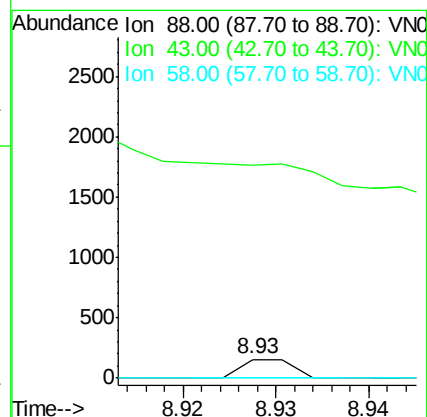
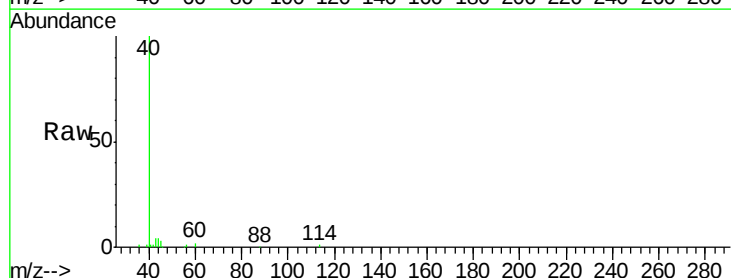
Tgt Ion: 88 Resp: 58

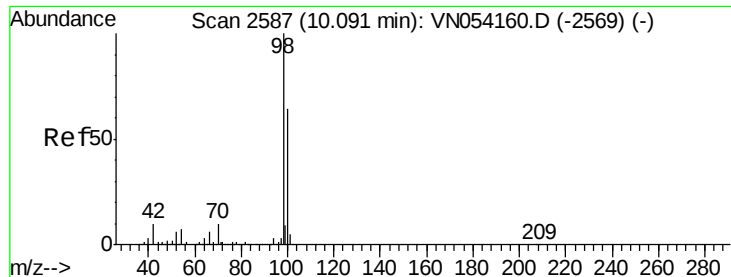
Ion Ratio Lower Upper

88 100

43 0.0 24.1 36.1#

58 0.0 50.8 76.2#





#50

Toluene-d8

Concen: 48.103 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN054411.D

Acq: 19 Mar 2019 00:01

Instrument :

MSVOA_N

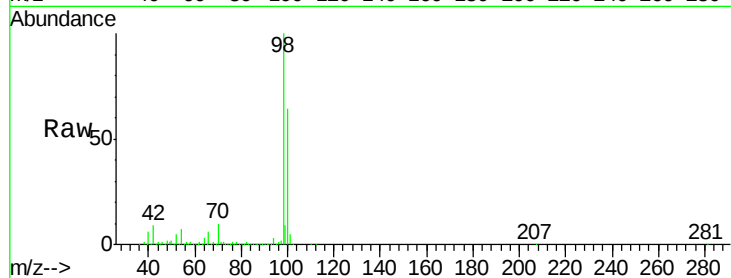
ClientSampleId :

Tot Ion: 98 Resp: 2997147

Ion Ratio Lower Upper

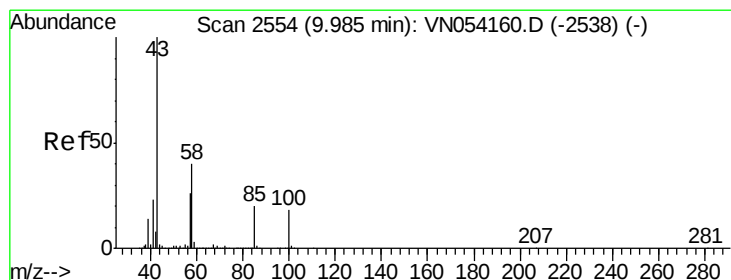
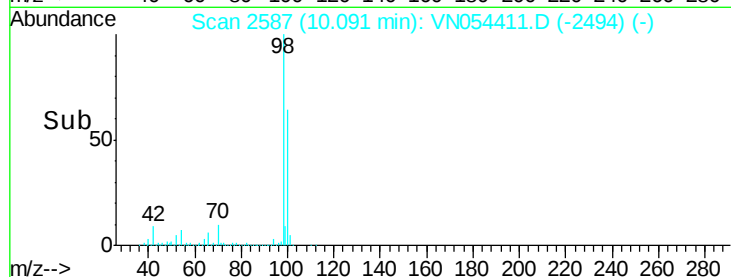
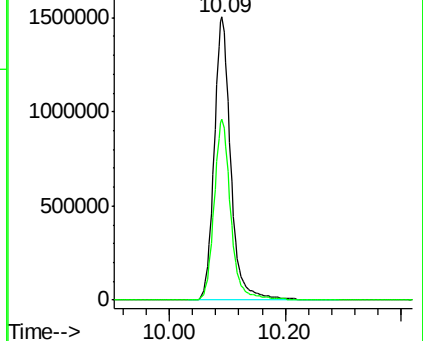
98 100

100 64.3 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#51

4-Methyl-2-Pentanone

Concen: 1.063 ug/l

RT: 9.99 min Scan# 2555

Delta R.T. 0.00 min

Lab File: VN054411.D

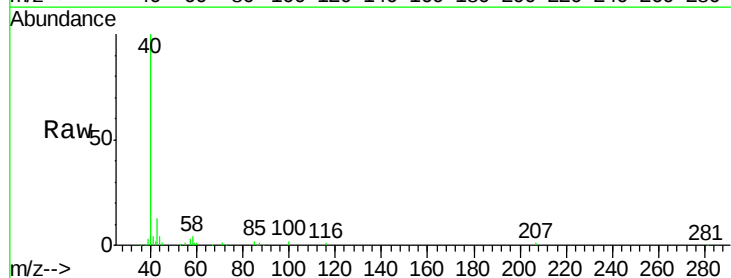
Acq: 19 Mar 2019 00:01

Tgt Ion: 43 Resp: 13667

Ion Ratio Lower Upper

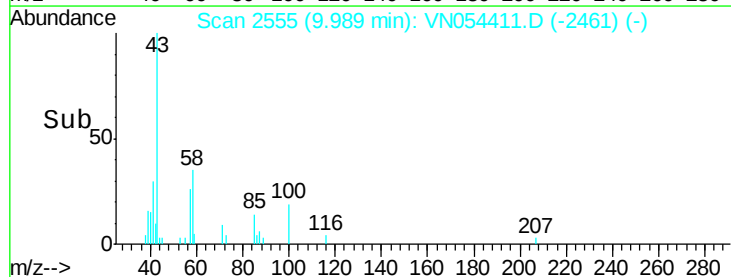
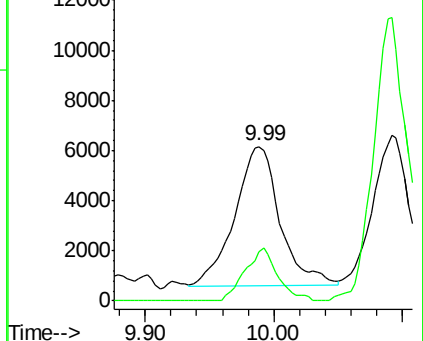
43 100

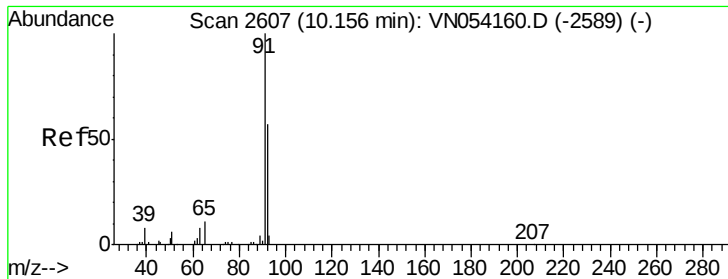
58 27.1 31.8 47.6#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#52

Toluene

Concen: 0.277 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN054411.D

Acq: 19 Mar 2019 00:01

Instrument :

MSVOA_N

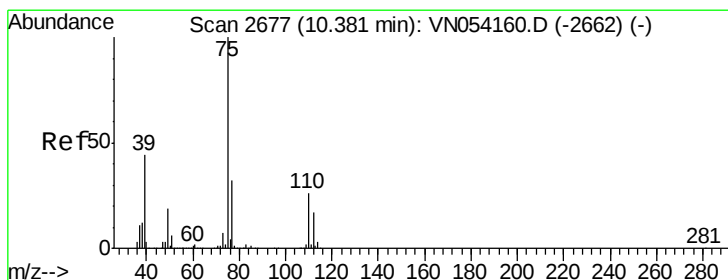
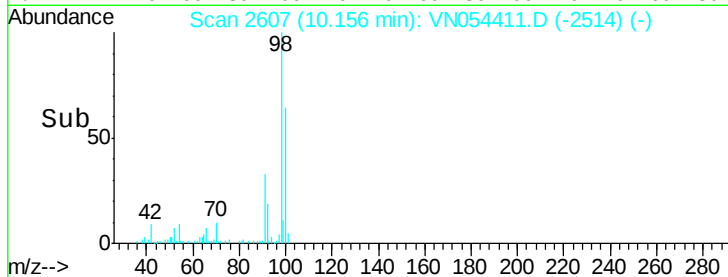
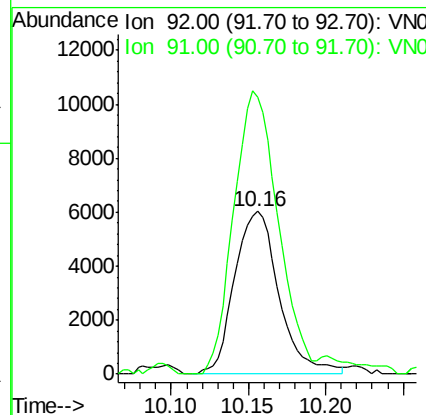
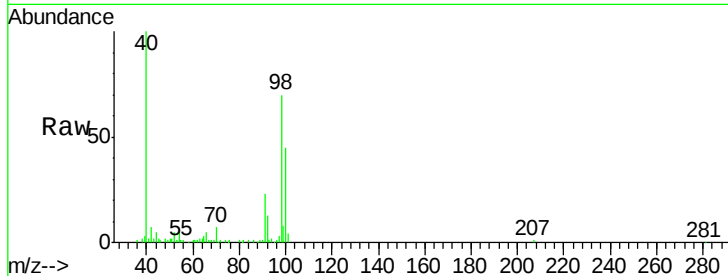
ClientSampled :

Tot Ion: 92 Resp: 12106

Ion Ratio Lower Upper

92 100

91 173.2 140.7 211.1



#53

t-1,3-Dichloropropene

Concen: 1.991 ug/l

RT: 10.37 min Scan# 2675

Delta R.T. -0.01 min

Lab File: VN054411.D

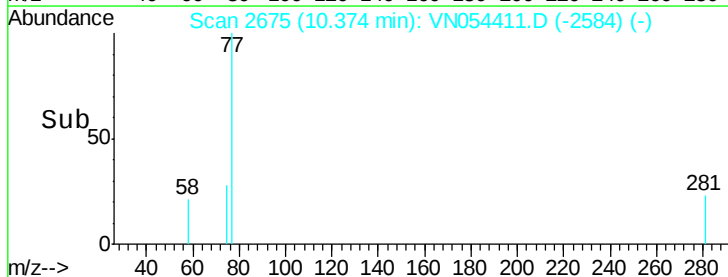
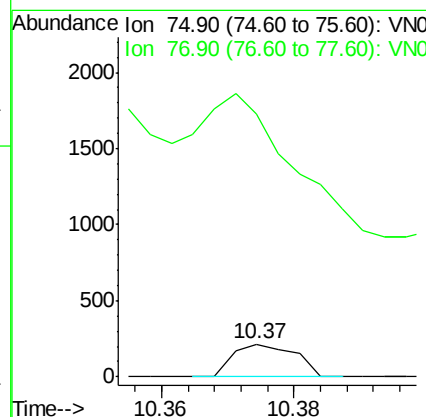
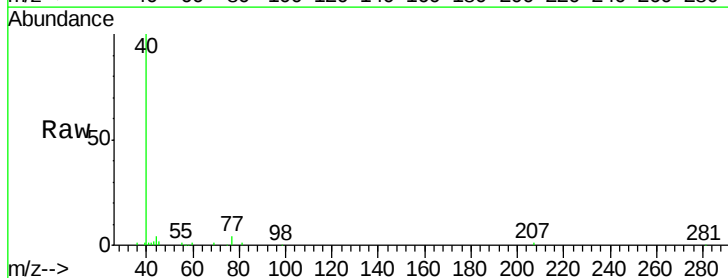
Acq: 19 Mar 2019 00:01

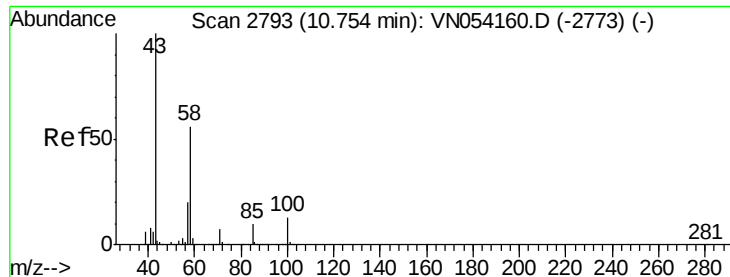
Tgt Ion: 75 Resp: 140

Ion Ratio Lower Upper

75 100

77 292.5 25.8 38.8#

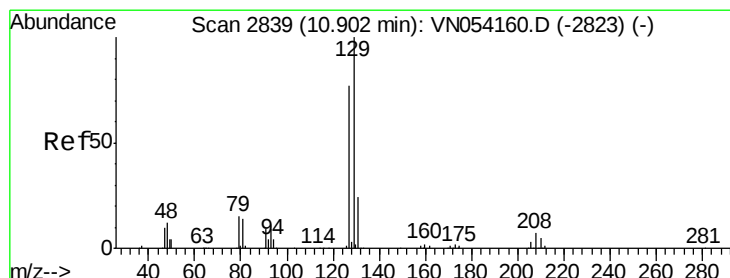
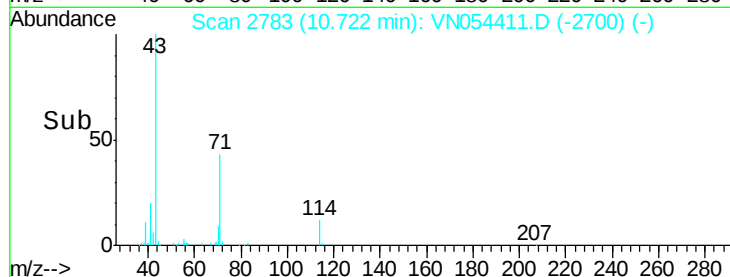
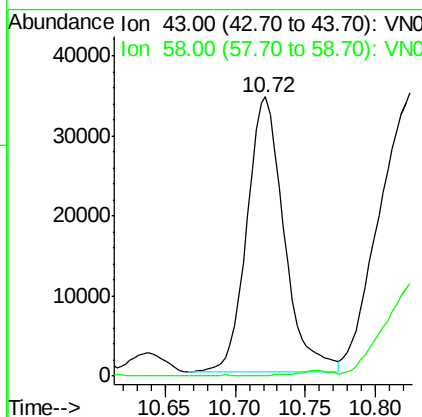
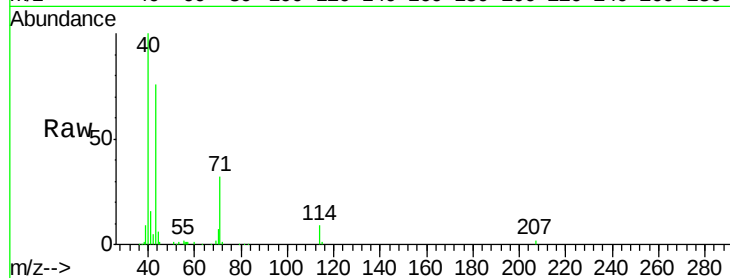




#59
2-Hexanone
Concen: 7.371 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. -0.03 min
Lab File: VN054411.D
Acq: 19 Mar 2019 00:01

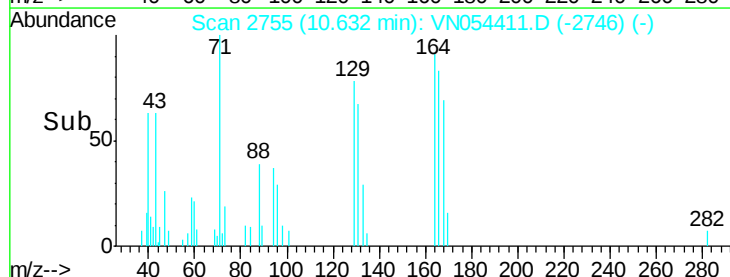
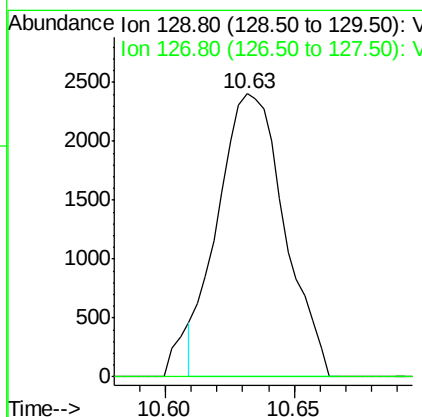
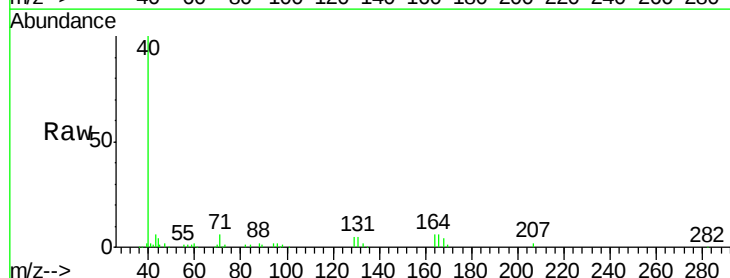
Instrument :
MSVOA_N
ClientSampled :

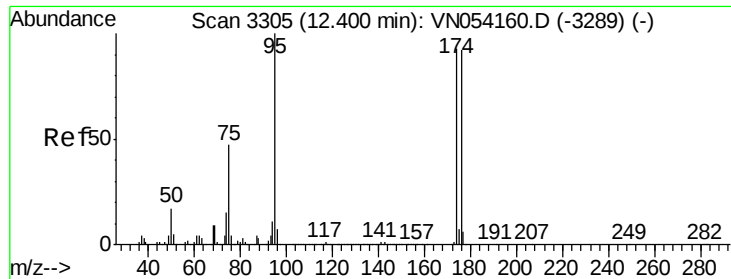
Tot Ion: 43 Resp: 63065
Ion Ratio Lower Upper
43 100
58 0.0 28.0 83.9#



#60
Dibromochloromethane
Concen: 0.240 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. -0.27 min
Lab File: VN054411.D
Acq: 19 Mar 2019 00:01

Tgt Ion: 129 Resp: 4319
Ion Ratio Lower Upper
129 100
127 0.0 38.6 115.8#





#62

4-Bromofluorobenzene

Concen: 42.937 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN054411.D

Acq: 19 Mar 2019 00:01

Instrument :

MSVOA_N

ClientSampleId :

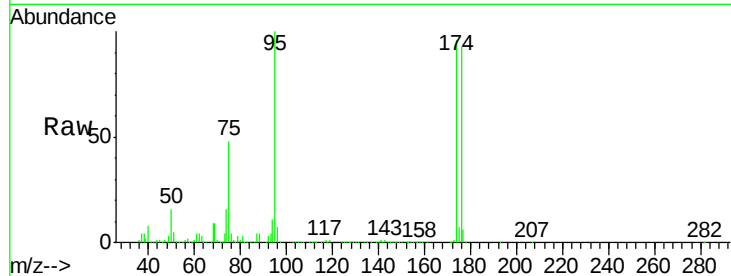
Tot Ion: 95 Resp: 936085

Ion Ratio Lower Upper

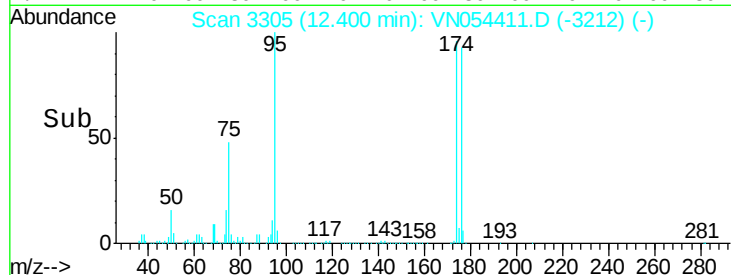
95 100

174 97.8 0.0 191.0

176 94.2 0.0 187.4



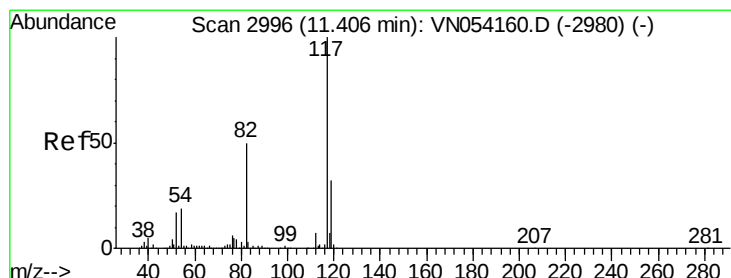
Abundance Ion 94.90 (94.60 to 95.60): VN054411.D (-3212) (-)



Ion 173.80 (173.50 to 174.50): VN054411.D (-3212) (-)

Ion 175.80 (175.50 to 176.50): VN054411.D (-3212) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN054411.D

Acq: 19 Mar 2019 00:01

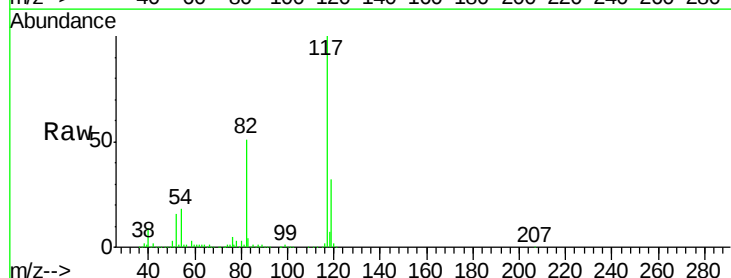
Tgt Ion: 117 Resp: 2231858

Ion Ratio Lower Upper

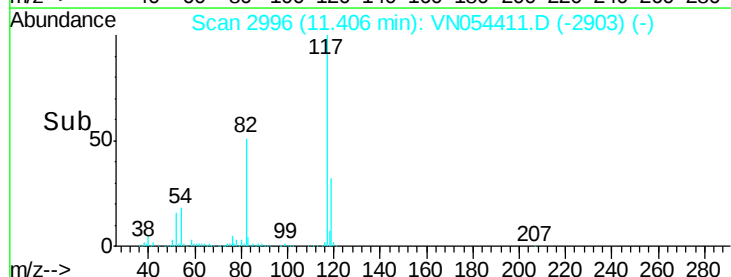
117 100

82 51.4 40.0 60.0

119 32.2 25.8 38.6



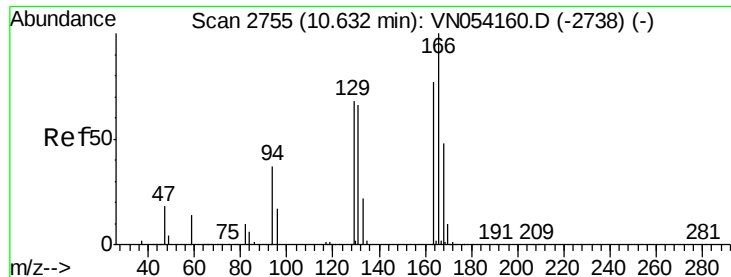
Abundance Ion 116.90 (116.60 to 117.60): VN054411.D (-2903) (-)



Ion 82.00 (81.70 to 82.70): VN054411.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN054411.D (-2903) (-)

Time-->



#64

Tetrachloroethene

Concen: 0.252 ug/l

RT: 10.63 min Scan# 2755

Delta R.T. 0.00 min

Lab File: VN054411.D

Acq: 19 Mar 2019 00:01

Instrument :

MSVOA_N

ClientSampleId :

Tot Ion:164 Resp: 5440

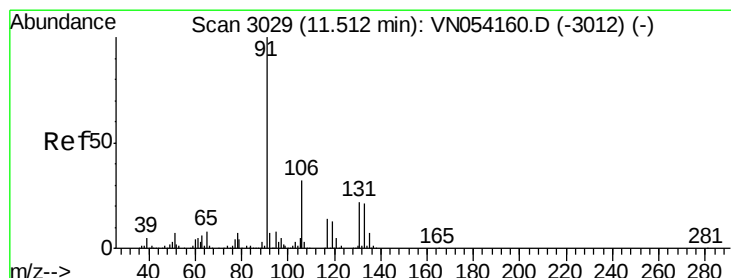
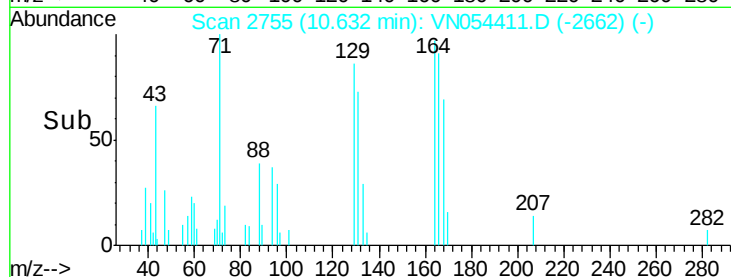
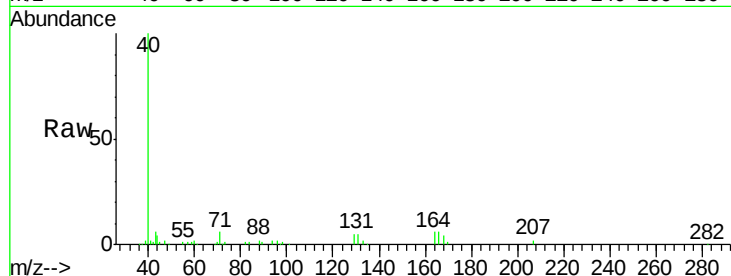
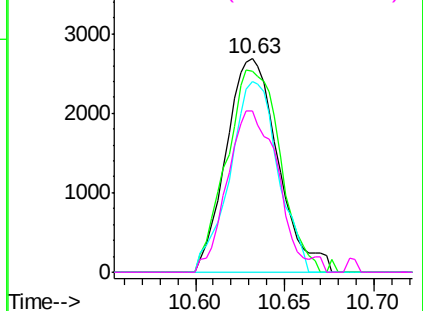
Ion	Ratio	Lower	Upper
164	100		
166	94.1	103.9	155.9#
129	89.5	71.1	106.7
131	75.5	68.2	102.4

Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#67

Ethyl Benzene

Concen: 0.738 ug/l

RT: 11.51 min Scan# 3029

Delta R.T. 0.00 min

Lab File: VN054411.D

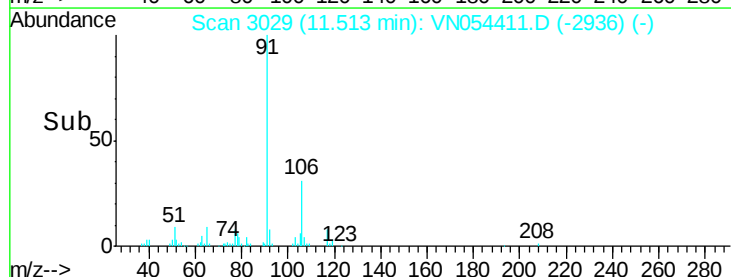
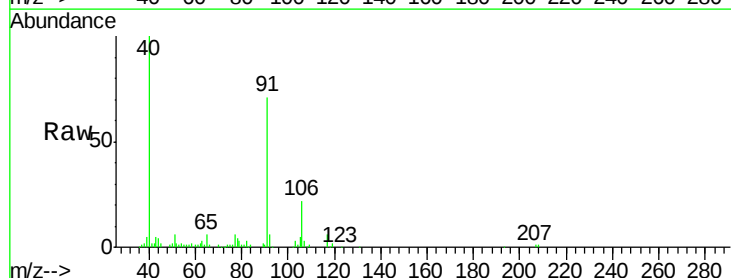
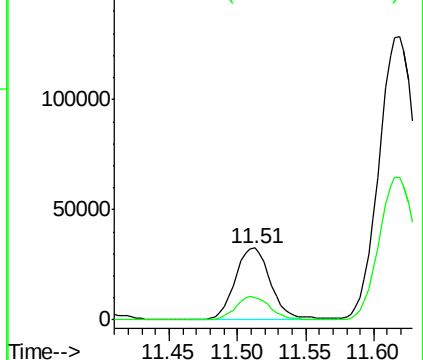
Acq: 19 Mar 2019 00:01

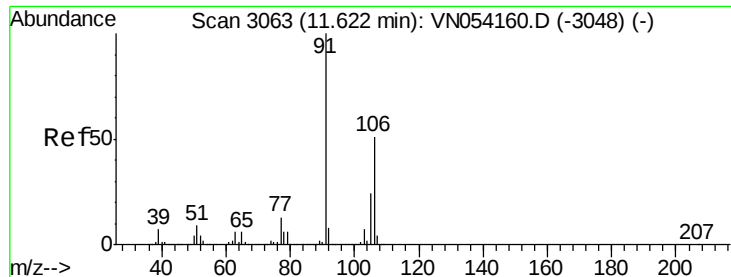
Tgt Ion: 91 Resp: 59940

Ion	Ratio	Lower	Upper
91	100		
106	31.0	25.5	38.3

Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 106.00 (105.70 to 106.70): V

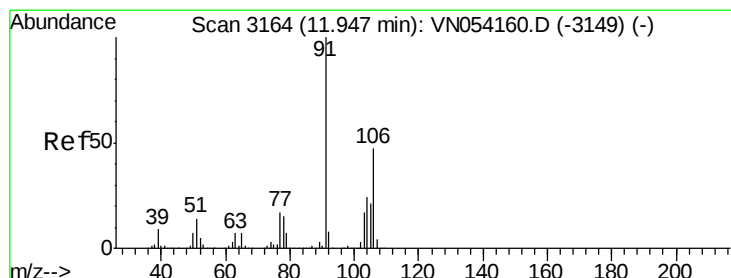
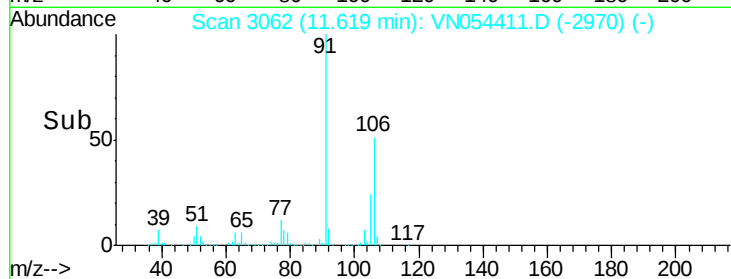
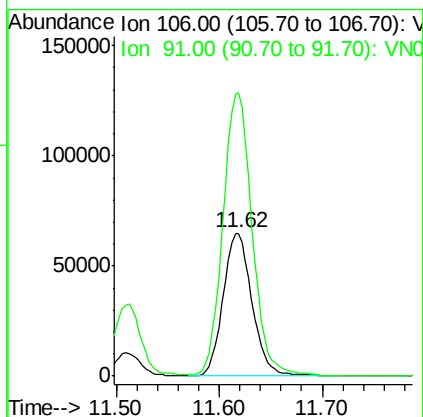
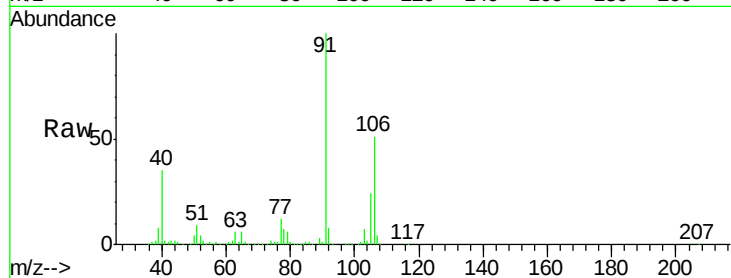




#68
m/p-Xylenes
Concen: 4.006 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN054411.D
Acq: 19 Mar 2019 00:01

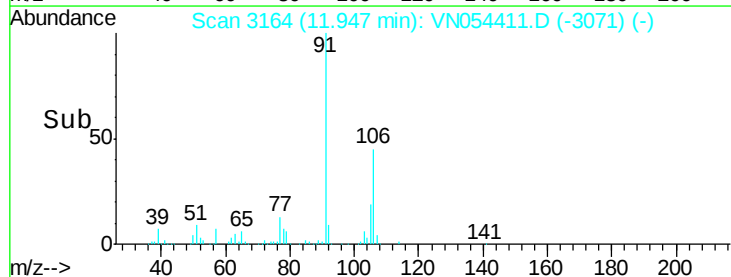
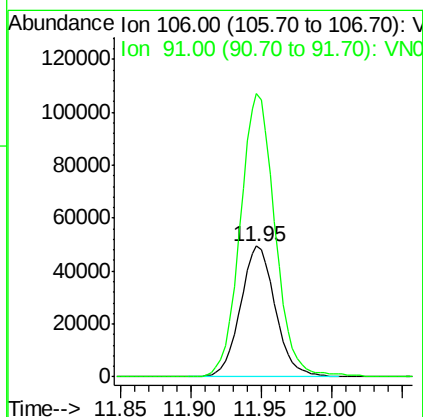
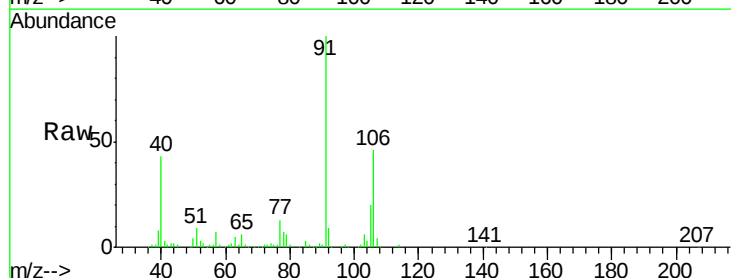
Instrument :
MSVOA_N
ClientSampled :

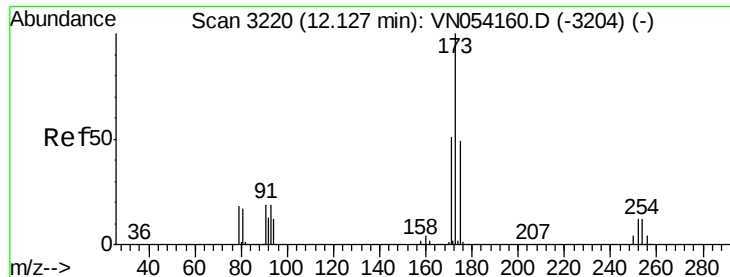
Tot Ion:106 Resp: 127205
Ion Ratio Lower Upper
106 100
91 199.7 159.4 239.2



#69
o-Xylene
Concen: 2.780 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN054411.D
Acq: 19 Mar 2019 00:01

Tgt Ion:106 Resp: 86036
Ion Ratio Lower Upper
106 100
91 215.9 105.7 317.1





#71

Bromoform

Concen: 2.737 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.27 min

Lab File: VN054411.D

Acq: 19 Mar 2019 00:01

Instrument :

MSVOA_N

ClientSampled :

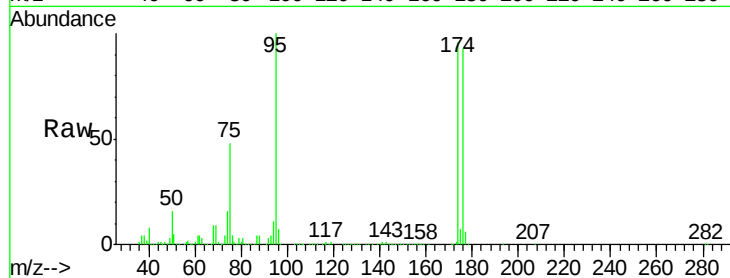
Tot Ion:173 Resp: 5505

Ion Ratio Lower Upper

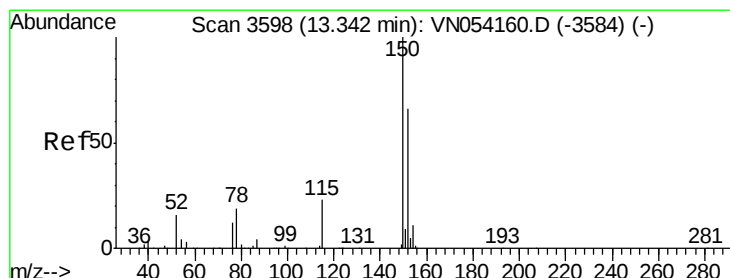
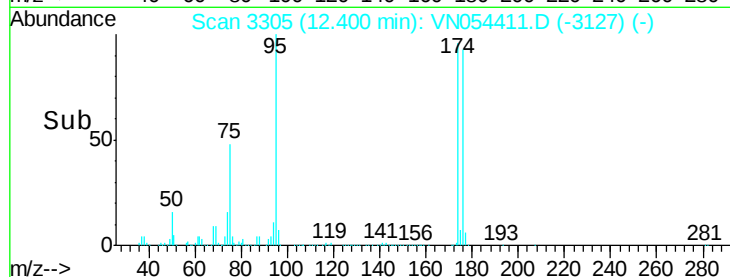
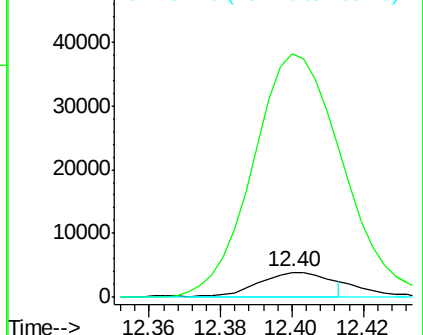
173 100

175 1029.2 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: VN054411.D

Acq: 19 Mar 2019 00:01

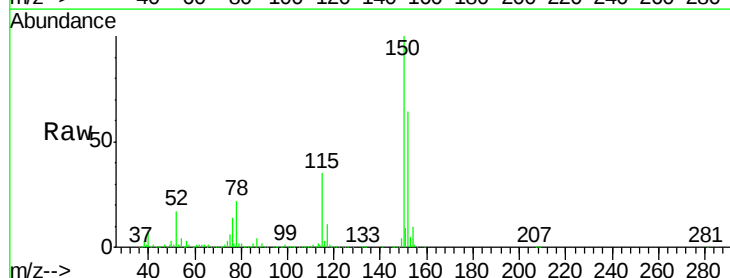
Tgt Ion:152 Resp: 897766

Ion Ratio Lower Upper

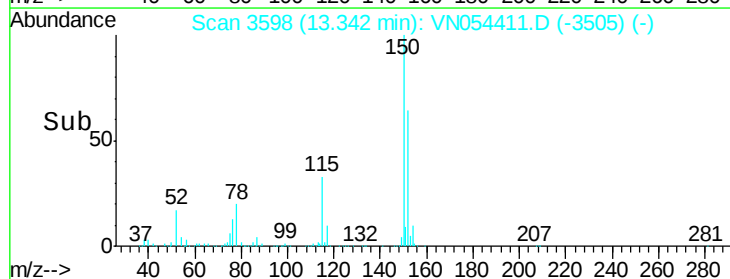
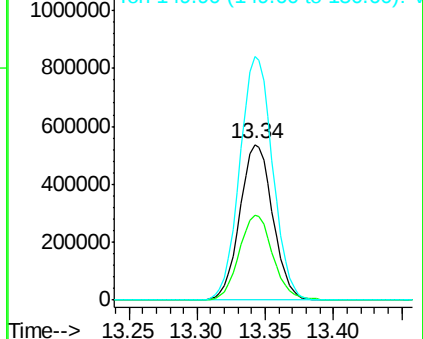
152 100

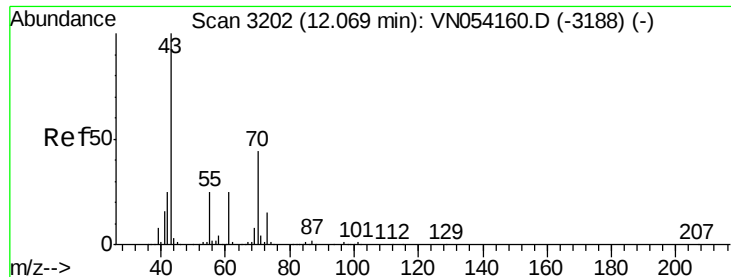
115 56.0 27.2 81.6

150 157.1 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-amyl acetate

Concen: 1.084 ug/l

RT: 12.03 min Scan# 3190

Delta R.T. -0.04 min

Lab File: VN054411.D

Acq: 19 Mar 2019 00:01

Instrument :

MSVOA_N

ClientSampleId :

Tot Ion: 43 Resp: 17280

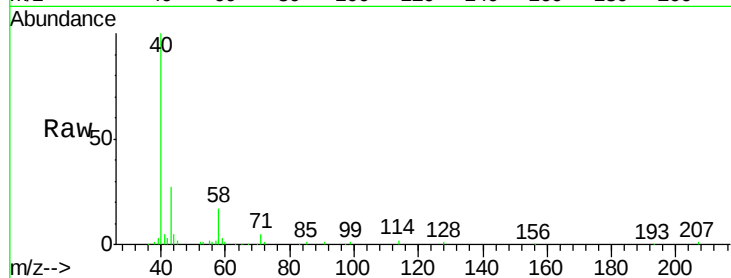
Ion Ratio Lower Upper

43 100

70 0.6 35.4 53.0#

55 0.0 19.8 29.6#

61 0.0 19.8 29.6#

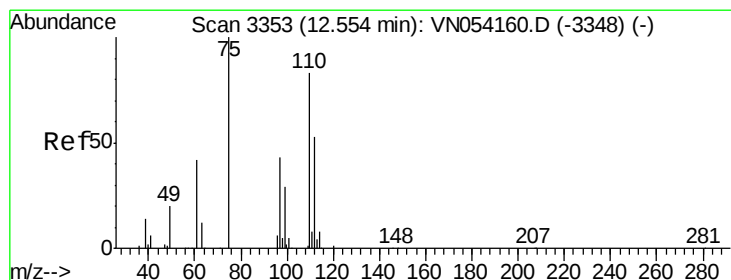
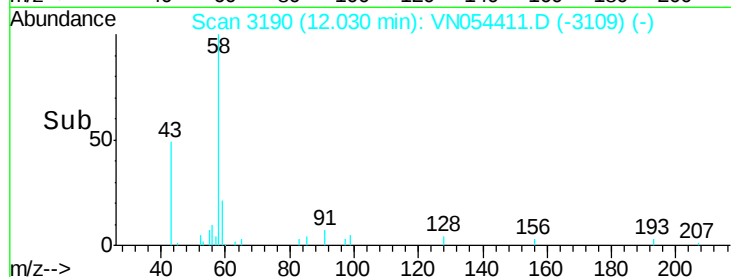
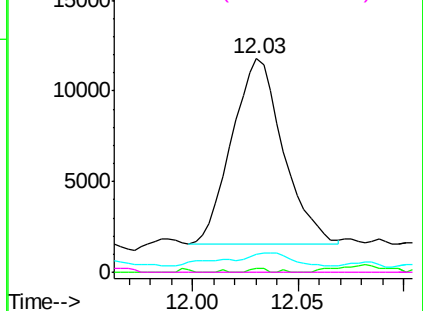


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0



#76

1,2,3-Trichloropropane

Concen: 33.871 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN054411.D

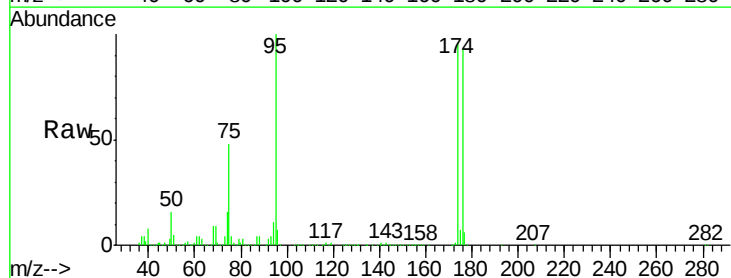
Acq: 19 Mar 2019 00:01

Tgt Ion: 75 Resp: 447172

Ion Ratio Lower Upper

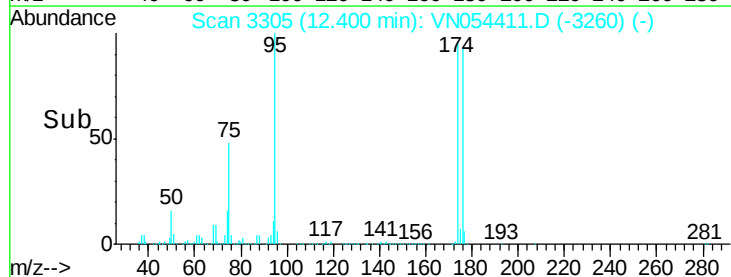
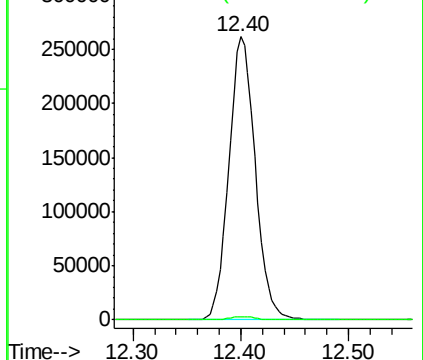
75 100

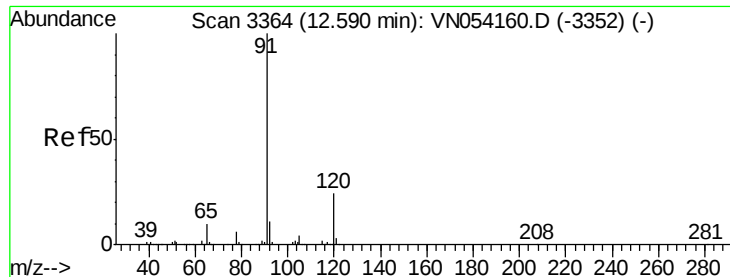
77 1.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#78

n-propylbenzene

Concen: 0.749 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN054411.D

Acq: 19 Mar 2019 00:01

Instrument :

MSVOA_N

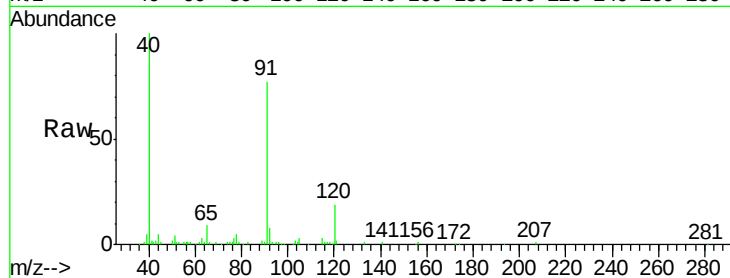
ClientSampleId :

Tot Ion: 91 Resp: 58365

Ion Ratio Lower Upper

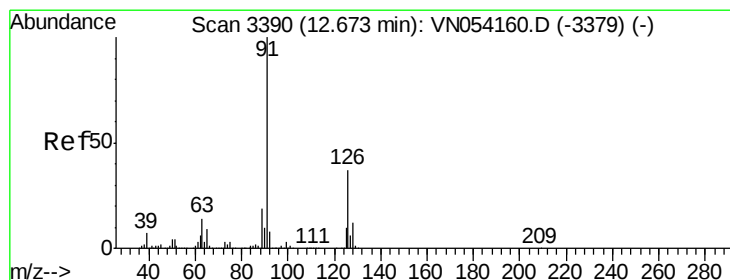
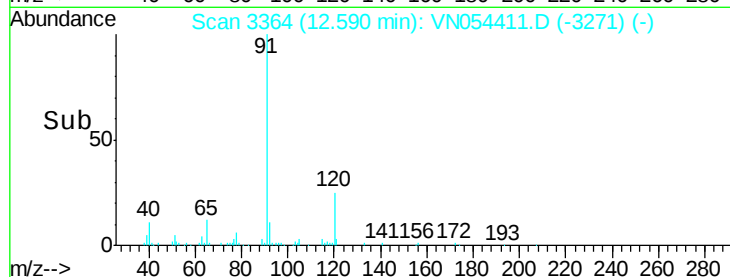
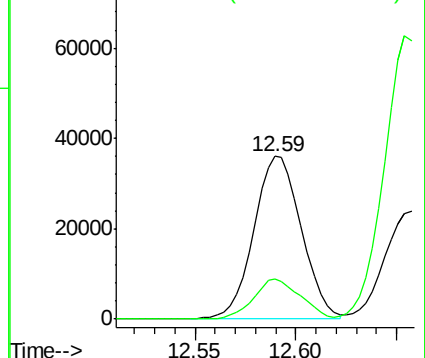
91 100

120 24.6 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VN054411.D (-3271) (-)

Ion 120.00 (119.70 to 120.70): VN054411.D (-3271) (-)



#79

2-Chlorotoluene

Concen: 1.012 ug/l

RT: 12.66 min Scan# 3385

Delta R.T. -0.02 min

Lab File: VN054411.D

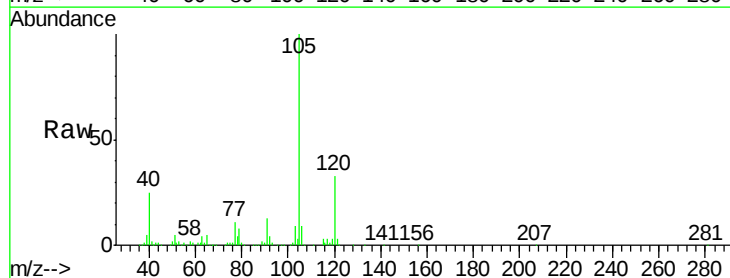
Acq: 19 Mar 2019 00:01

Tgt Ion: 91 Resp: 47439

Ion Ratio Lower Upper

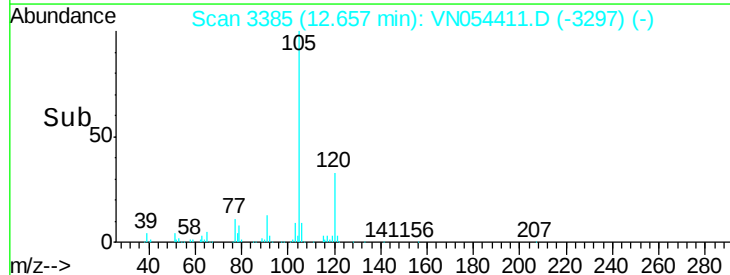
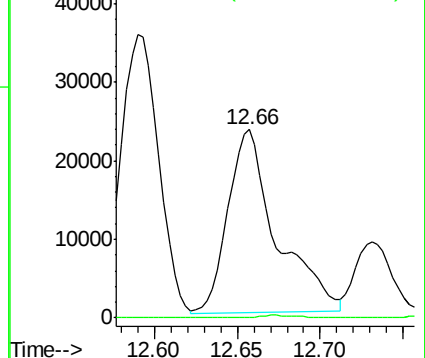
91 100

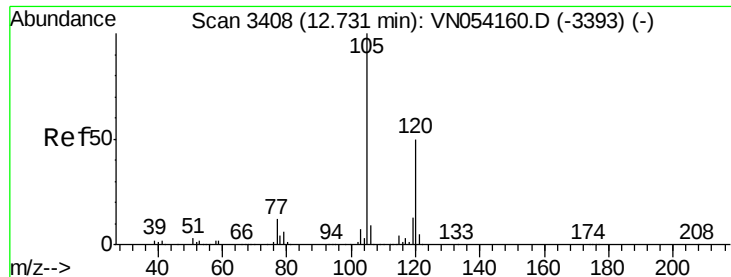
126 0.9 18.7 56.1#



Abundance Ion 91.00 (90.70 to 91.70): VN054411.D (-3297) (-)

Ion 125.90 (125.60 to 126.60): VN054411.D (-3297) (-)





#80

1,3,5-Trimethylbenzene

Concen: 2.618 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN054411.D

Acq: 19 Mar 2019 00:01

Instrument :

MSVOA_N

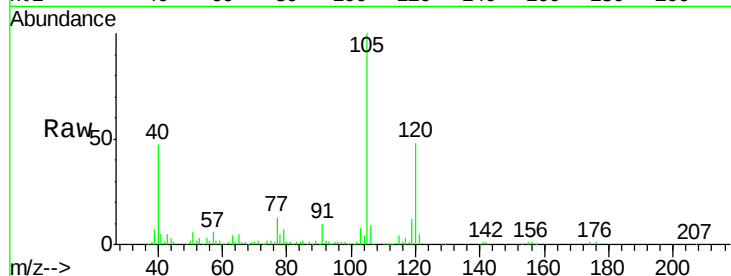
ClientSampleId :

Tot Ion:105 Resp: 156388

Ion Ratio Lower Upper

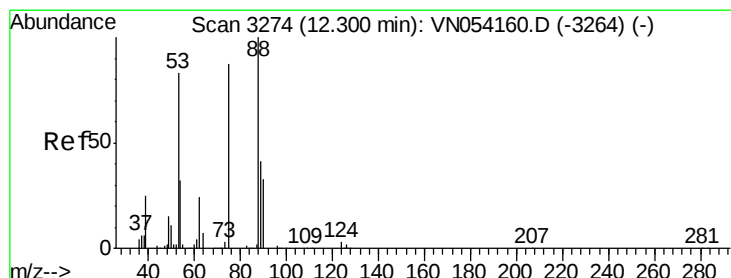
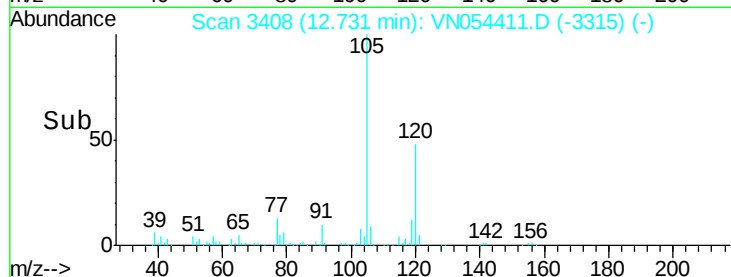
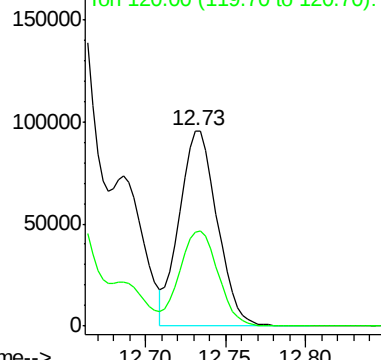
105 100

120 49.5 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: 115.788 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN054411.D

Acq: 19 Mar 2019 00:01

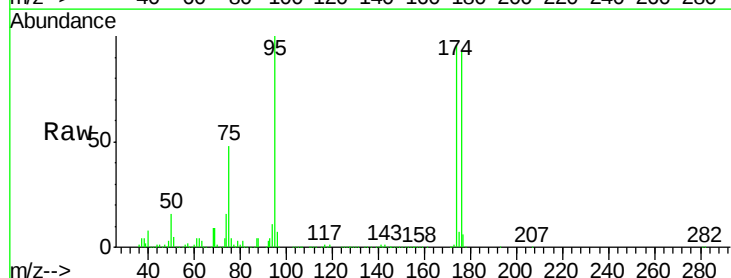
Tgt Ion: 75 Resp: 447172

Ion Ratio Lower Upper

75 100

53 0.0 76.2 114.2#

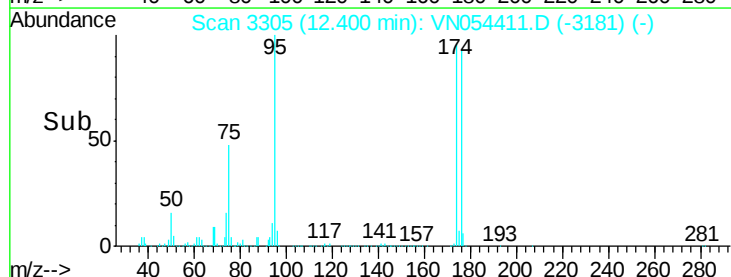
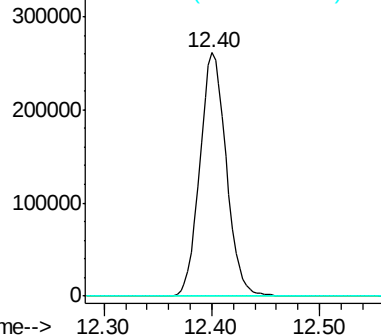
89 0.0 39.2 58.8#

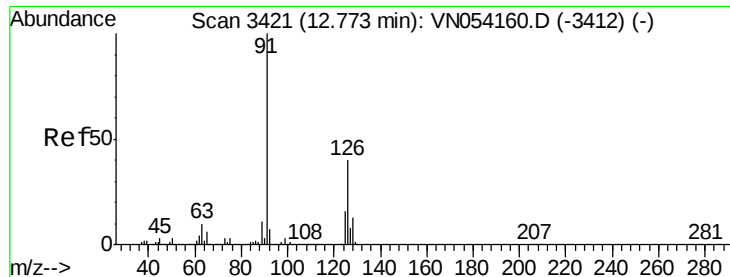


Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO





#82

4-Chlorotoluene

Concen: 0.268 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.04 min

Lab File: VN054411.D

Acq: 19 Mar 2019 00:01

Instrument :

MSVOA_N

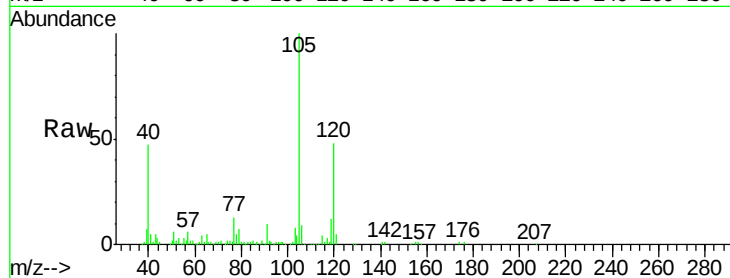
ClientSampled :

Tot Ion: 91 Resp: 12526

Ion Ratio Lower Upper

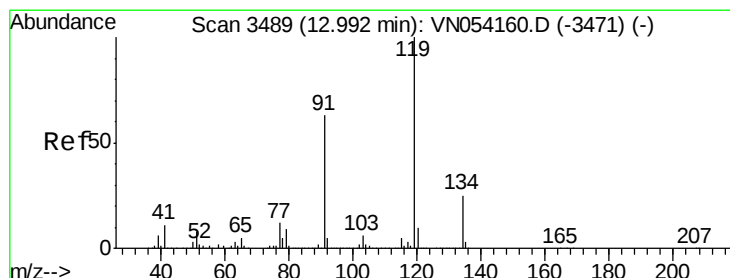
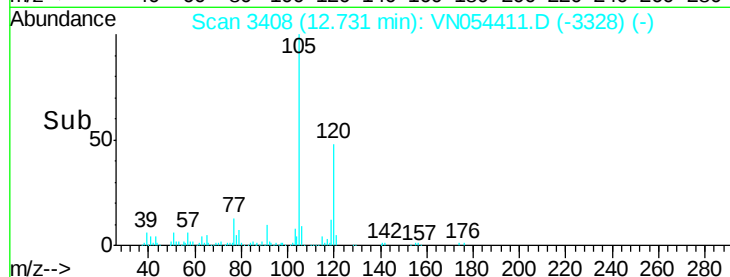
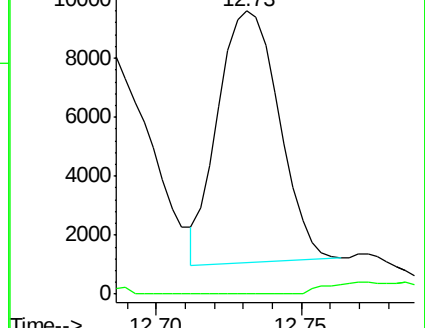
91 100

126 0.0 18.1 54.1#



Abundance Ion 91.00 (90.70 to 91.70): VN054411.D (-3328) (-)

Ion 125.90 (125.60 to 126.60): VN054411.D (-3328) (-)



#83

tert-Butylbenzene

Concen: 1.586 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.05 min

Lab File: VN054411.D

Acq: 19 Mar 2019 00:01

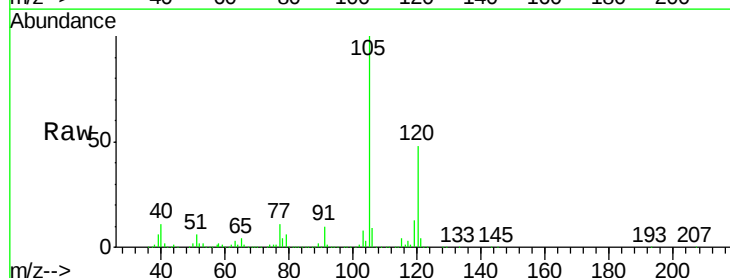
Tgt Ion: 119 Resp: 87202

Ion Ratio Lower Upper

119 100

91 78.5 30.9 92.8

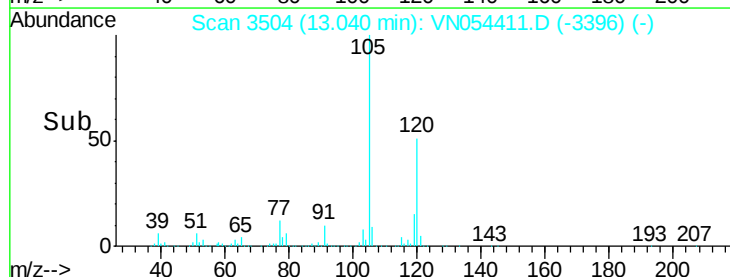
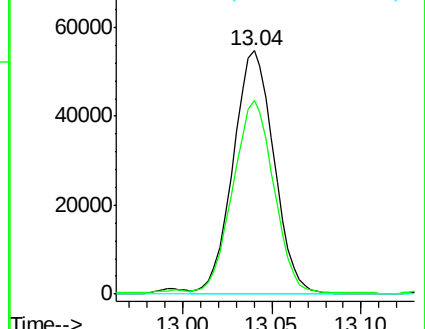
134 0.0 13.2 39.6#

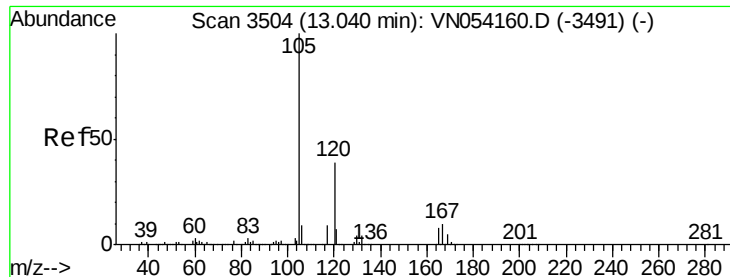


Abundance Ion 119.00 (118.70 to 119.70): VN054411.D (-3396) (-)

Ion 91.00 (90.70 to 91.70): VN054411.D (-3396) (-)

Ion 134.00 (133.70 to 134.70): VN054411.D (-3396) (-)

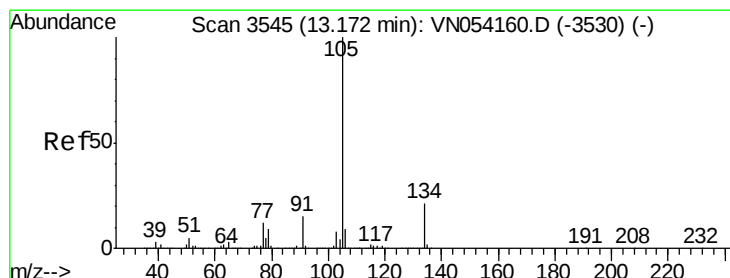
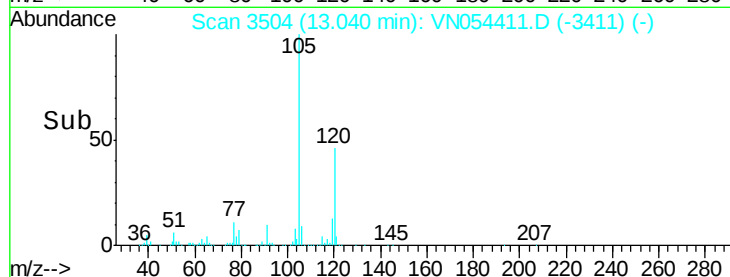
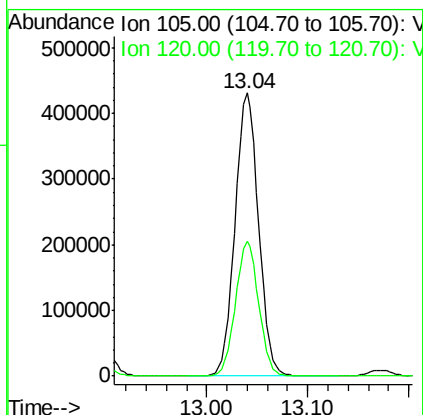
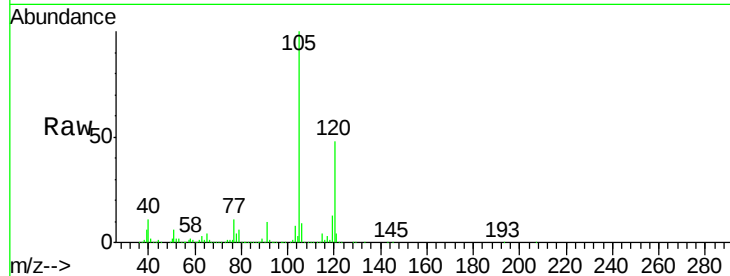




#84
 1,2,4-Trimethylbenzene
 Concen: 11.895 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN054411.D
 Acq: 19 Mar 2019 00:01

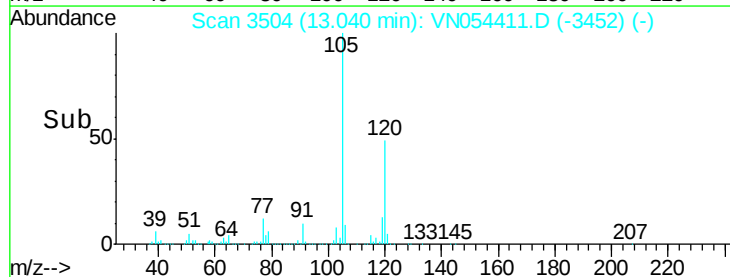
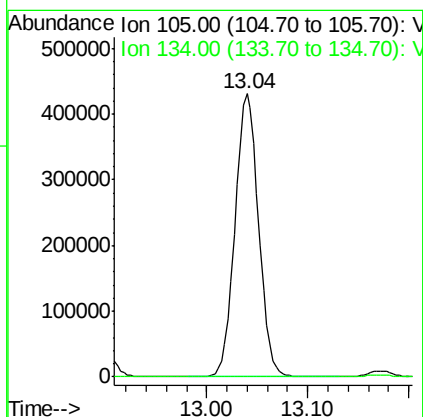
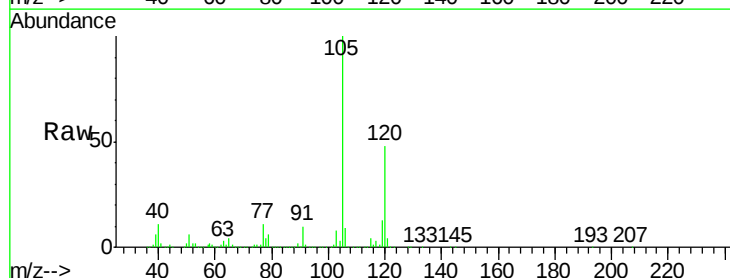
Instrument :
 MSVOA_N
 ClientSampled :

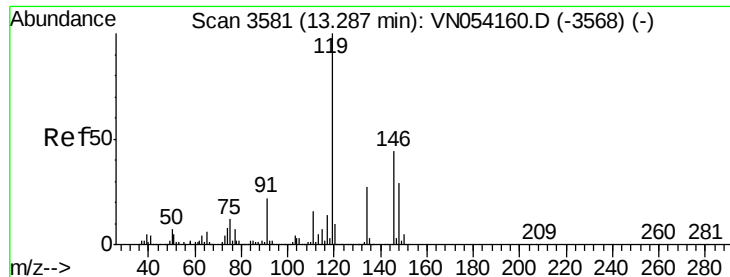
Tot Ion:105 Resp: 697221
 Ion Ratio Lower Upper
 105 100
 120 46.9 23.4 70.3



#85
 sec-Butylbenzene
 Concen: 9.776 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. -0.13 min
 Lab File: VN054411.D
 Acq: 19 Mar 2019 00:01

Tgt Ion:105 Resp: 697221
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.7 32.1#

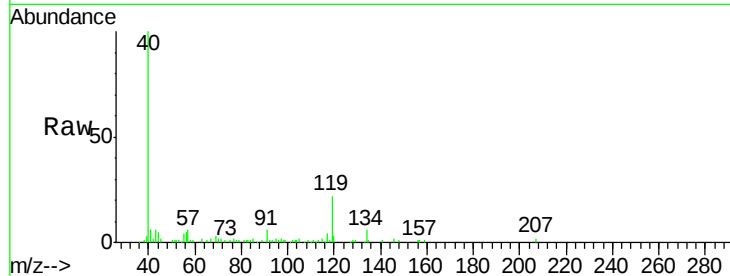




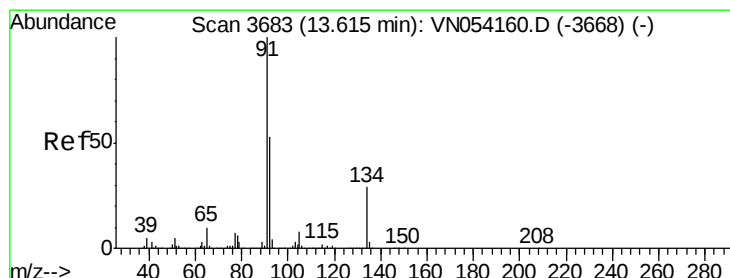
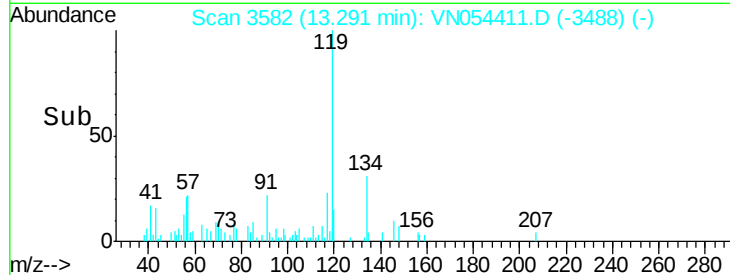
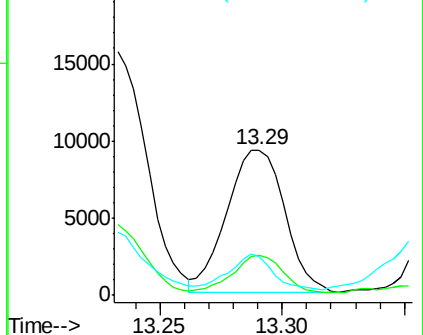
#86
 p-Isopropyltoluene
 Concen: 0.244 ug/l
 RT: 13.29 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN054411.D
 Acq: 19 Mar 2019 00:01

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
119	100		
134	23.5	13.6	40.8
91	17.8	11.1	33.3

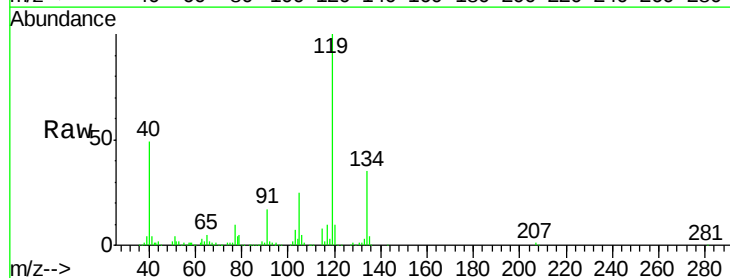


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 134.00 (133.70 to 134.70): V
 Ion 91.00 (90.70 to 91.70): V

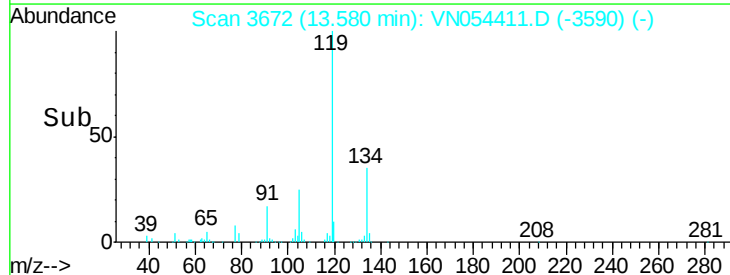
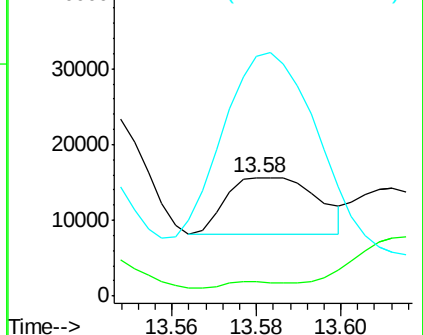


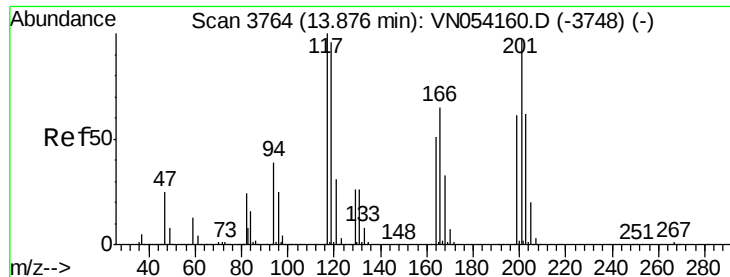
#89
 n-Butylbenzene
 Concen: 0.239 ug/l
 RT: 13.58 min Scan# 3672
 Delta R.T. -0.04 min
 Lab File: VN054411.D
 Acq: 19 Mar 2019 00:01

Tgt Ion	Ratio	Lower	Upper
91	100		
92	14.3	26.2	78.6#
134	562.7	14.3	42.9#



Abundance Ion 91.00 (90.70 to 91.70): V
 Ion 92.00 (91.70 to 92.70): V
 Ion 134.00 (133.70 to 134.70): V





#90

Hexachloroethane

Concen: 1.416 ug/l

RT: 13.89 min Scan# 3768

Delta R.T. 0.01 min

Lab File: VN054411.D

Acq: 19 Mar 2019 00:01

Instrument :

MSVOA_N

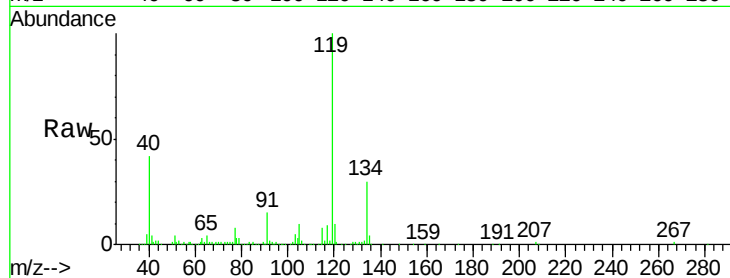
ClientSampled :

Tot Ion:117 Resp: 14672

Ion Ratio Lower Upper

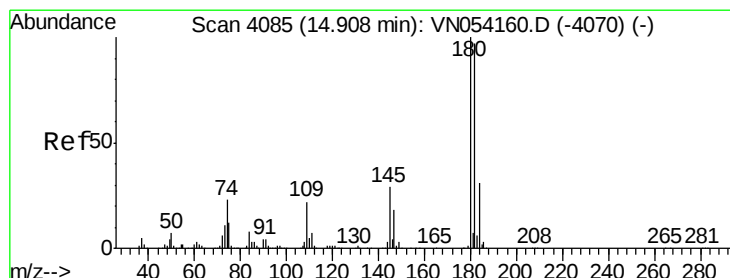
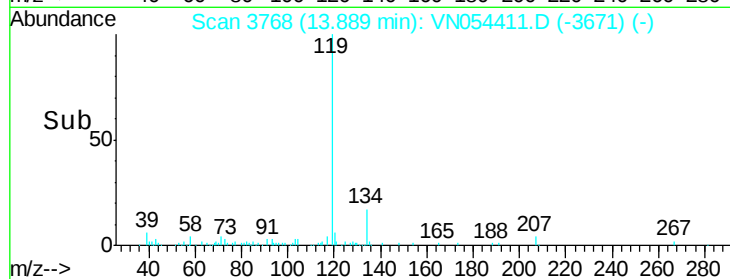
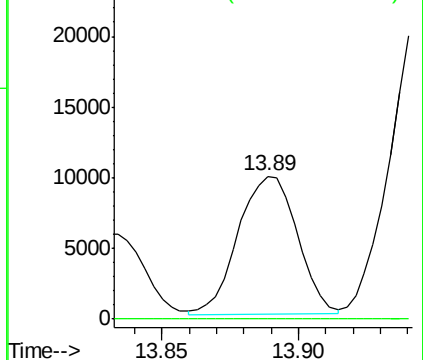
117 100

201 0.0 48.1 144.4#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#93

1,2,4-Trichlorobenzene

Concen: 2.646 ug/l

RT: 14.91 min Scan# 4086

Delta R.T. 0.00 min

Lab File: VN054411.D

Acq: 19 Mar 2019 00:01

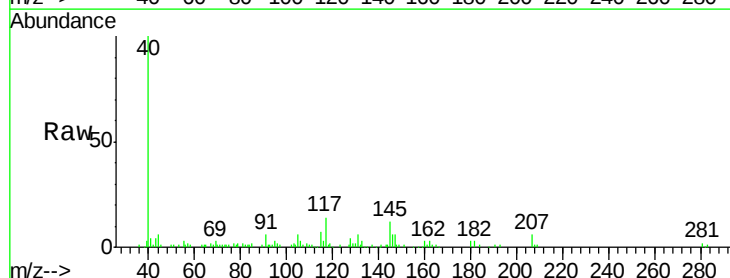
Tgt Ion:180 Resp: 2584

Ion Ratio Lower Upper

180 100

182 95.8 48.0 144.2

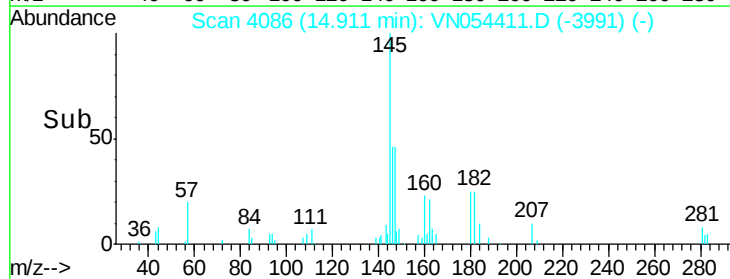
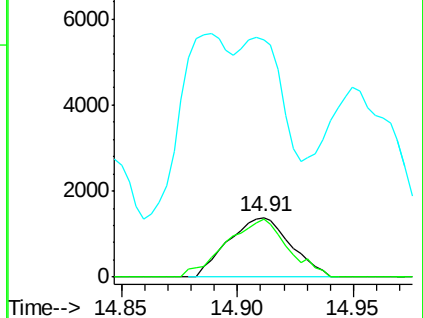
145 0.0 14.2 42.8#

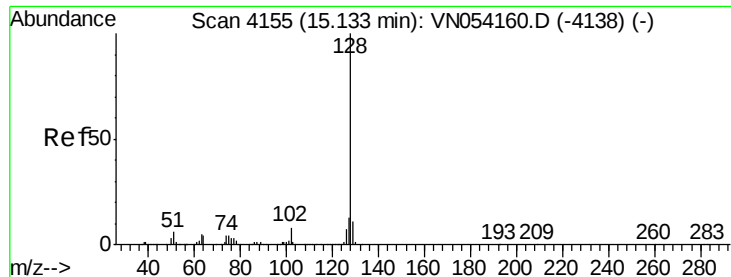


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#95

Naphthalene

Concen: 7.710 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN054411.D

Acq: 19 Mar 2019 00:01

Instrument :

MSVOA_N

ClientSampled :

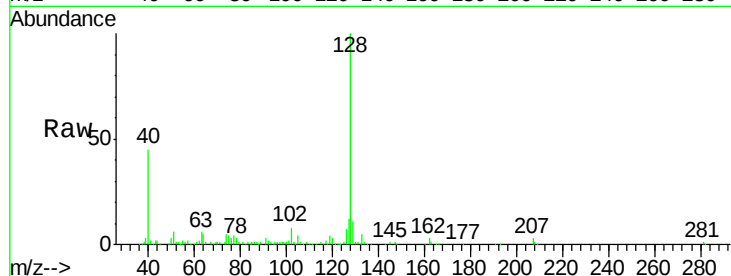
Tot Ion:128 Resp: 179432

Ion Ratio Lower Upper

128 100

127 12.5 10.1 15.1

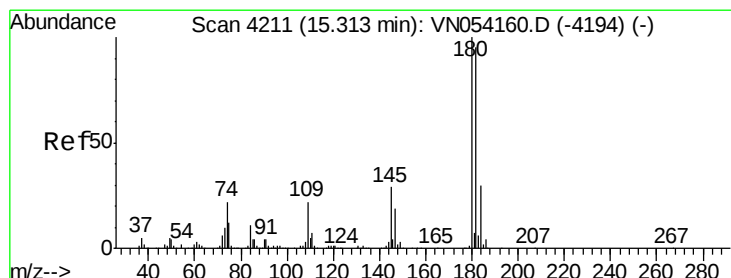
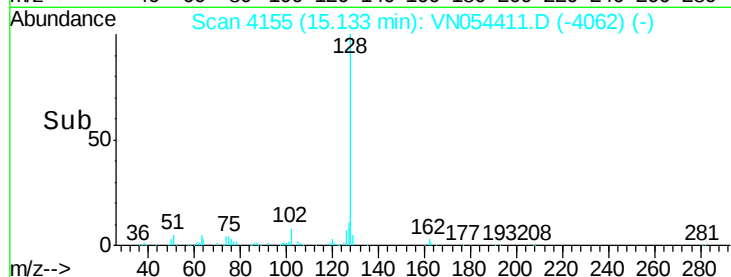
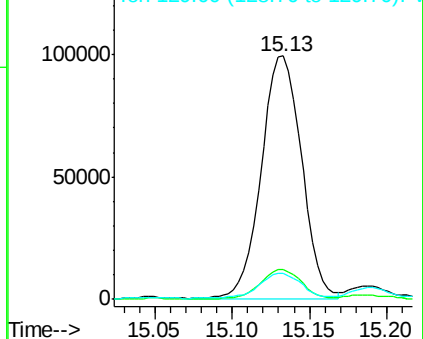
129 11.0 8.7 13.1



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



#96

1,2,3-Trichlorobenzene

Concen: 0.232 ug/l

RT: 15.31 min Scan# 4210

Delta R.T. -0.00 min

Lab File: VN054411.D

Acq: 19 Mar 2019 00:01

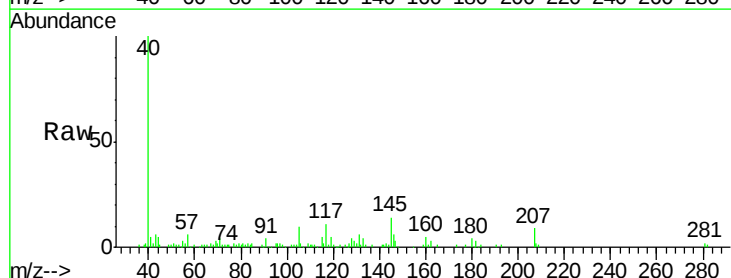
Tgt Ion:180 Resp: 3857

Ion Ratio Lower Upper

180 100

182 76.2 47.5 142.6

145 0.0 14.8 44.3#



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

