

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031319\
 Data File : VN054220.D
 Acq On : 13 Mar 2019 18:45
 Operator : JC/SP
 Sample : K1842-12
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Mar 14 05:19:55 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	1318571	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2260470	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2422245	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	1196607	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	729484	52.09	ug/l	0.00
Spiked Amount			Recovery	=	104.18%	
35) Dibromofluoromethane	7.59	113	693784	47.59	ug/l	0.00
Spiked Amount			Recovery	=	95.18%	
50) Toluene-d8	10.09	98	2851752	52.96	ug/l	0.00
Spiked Amount			Recovery	=	105.92%	
62) 4-Bromofluorobenzene	12.40	95	1151853	61.14	ug/l	0.00
Spiked Amount			Recovery	=	122.28%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	3.94	142	216	1.508	ug/l #	45
13) Acrolein	3.56	56	2844	3.126	ug/l #	1
14) Allyl chloride	4.39	41	6098	0.347	ug/l #	21
16) Acetone	3.79	43	13043	3.253	ug/l #	51
18) Methyl Acetate	4.39	43	5134	0.633	ug/l #	49
31) Cyclohexane	7.65	56	75657	2.425	ug/l #	72
36) 1,1-Dichloropropene	7.67	75	82116	3.945	ug/l #	49
38) Carbon Tetrachloride	7.67	117	109456	5.014	ug/l #	16
39) Methylcyclohexane	9.08	83	73388	2.865	ug/l	97
43) Isopropyl Acetate	8.15	43	5290	0.252	ug/l #	60
48) Methyl methacrylate	9.22	41	2150	0.202	ug/l #	11
52) Toluene	10.16	92	172734	4.573	ug/l	94
53) t-1,3-Dichloropropene	10.38	75	116	1.991	ug/l #	1
58) 2-Chloroethyl Vinyl ether	9.69	63	162	16.849	ug/l #	44
67) Ethyl Benzene	11.51	91	7818713	88.683	ug/l	99
68) m/p-Xylenes	11.62	106	5539788	160.765	ug/l	99
71) Bromoform	12.40	173	6705	2.784	ug/l #	1
73) Isopropylbenzene	12.25	105	1184743	12.375	ug/l	100
76) 1,2,3-Trichloropropane	12.40	75	556416	31.621	ug/l #	100
78) n-propylbenzene	12.59	91	1054218	10.148	ug/l	99
79) 2-Chlorotoluene	12.66	91	161230	2.581	ug/l #	38
80) 1,3,5-Trimethylbenzene	12.73	105	860937	10.811	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.40	75	556416	108.093	ug/l #	11
82) 4-Chlorotoluene	12.73	91	87410	1.402	ug/l #	39
83) tert-Butylbenzene	13.04	119	505552	6.897	ug/l #	69
84) 1,2,4-Trimethylbenzene	13.04	105	4009140	51.318	ug/l	100
85) sec-Butylbenzene	13.04	105	4009140	42.177	ug/l #	55
86) p-Isopropyltoluene	13.23	119	60773	0.729	ug/l	96
89) n-Butylbenzene	13.61	91	49919	0.788	ug/l #	71
90) Hexachloroethane	13.89	117	27582	1.997	ug/l #	2
92) 1,2-Dibromo-3-Chloropropan	14.25	75	2689	0.852	ug/l #	1
93) 1,2,4-Trichlorobenzene	14.91	180	1063	2.557	ug/l #	1
95) Naphthalene	15.13	128	1249789	25.630	ug/l	100

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

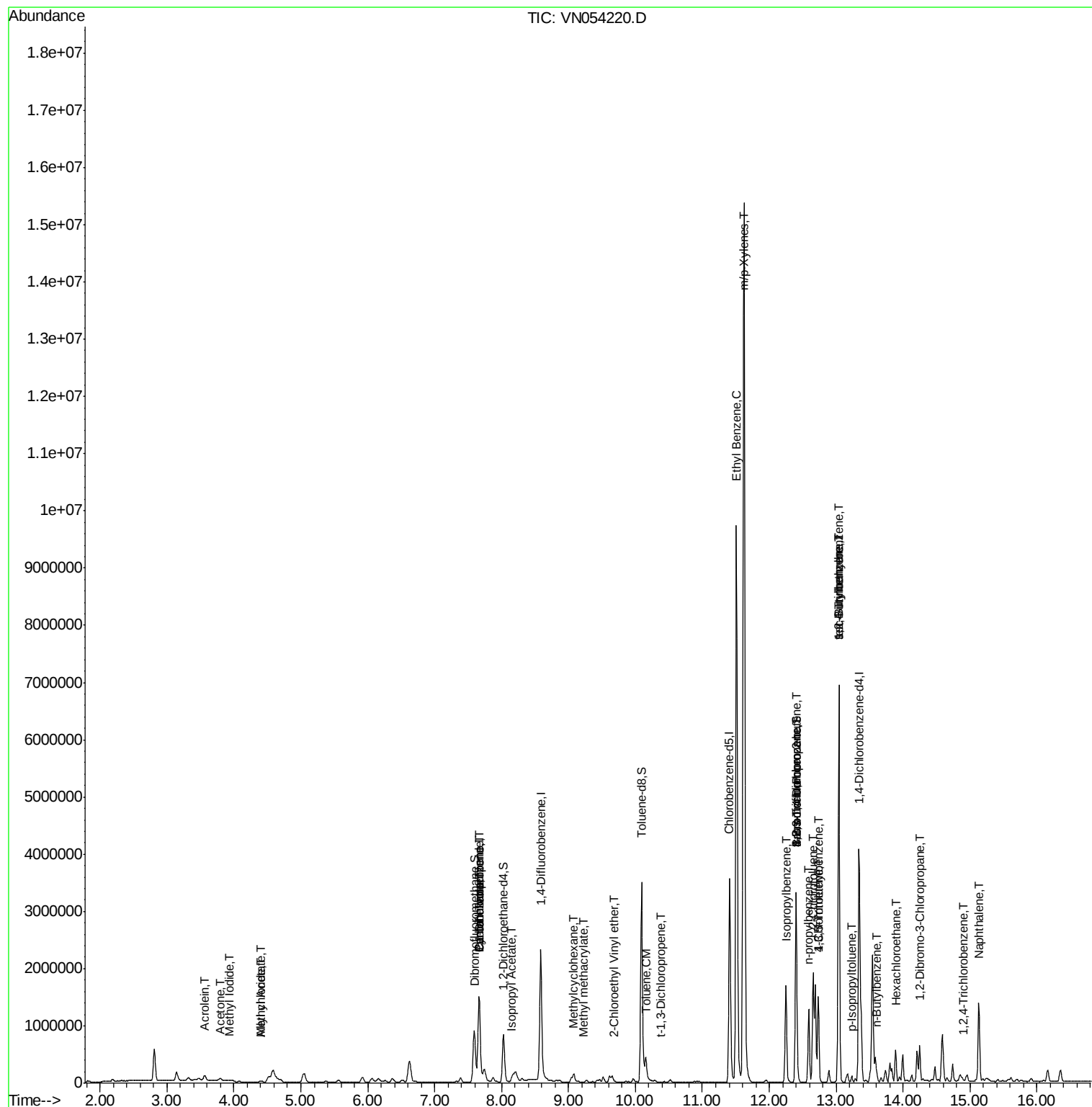
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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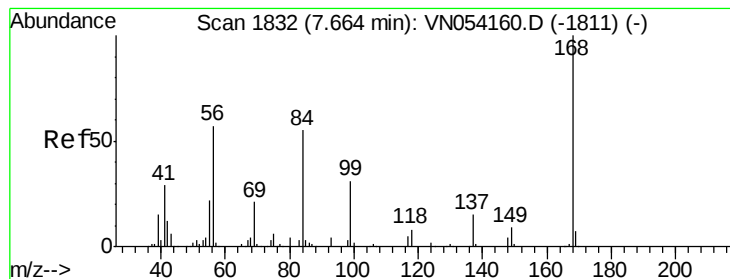
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN054220.D

Acq: 13 Mar 2019 18:45

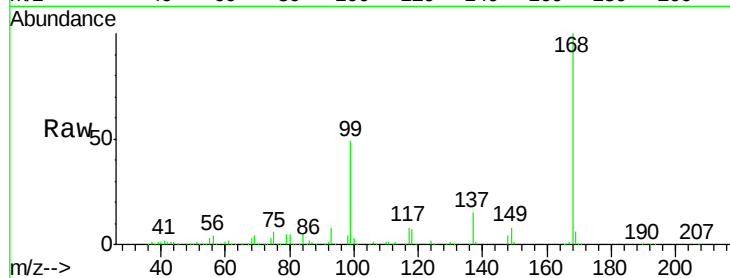
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:168 Resp: 1318571

Ion Ratio Lower Upper

168 100

99 48.6 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.66

600000

500000

400000

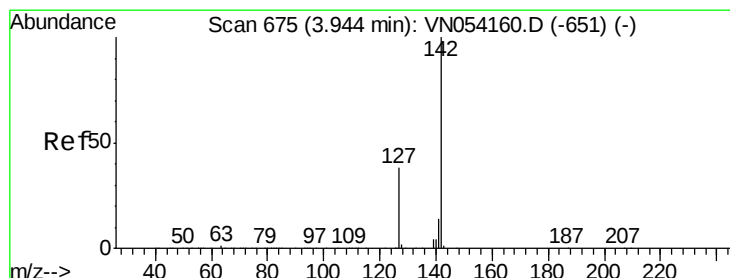
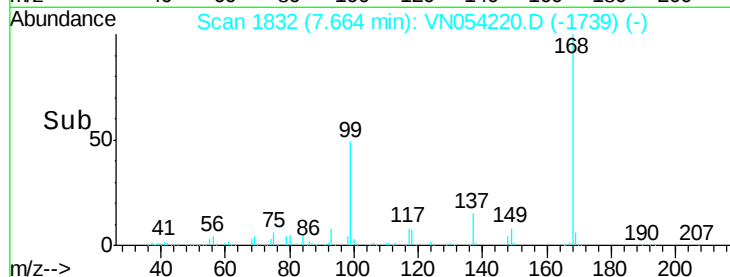
300000

200000

100000

0

Time-->



#10

Methyl Iodide

Concen: 1.508 ug/l

RT: 3.94 min Scan# 674

Delta R.T. -0.00 min

Lab File: VN054220.D

Acq: 13 Mar 2019 18:45

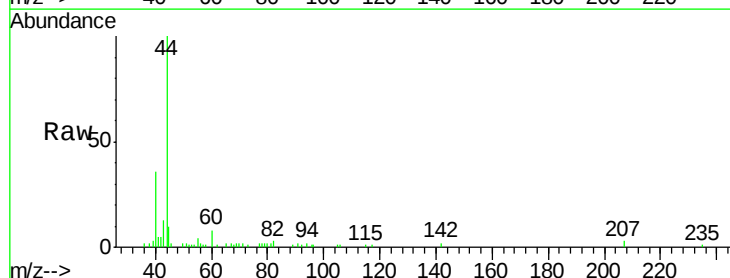
Tgt Ion:142 Resp: 216

Ion Ratio Lower Upper

142 100

127 0.0 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

400

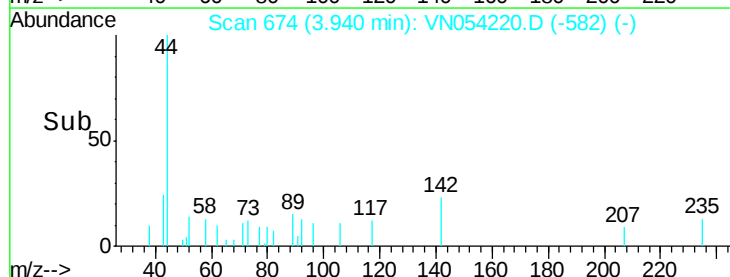
300

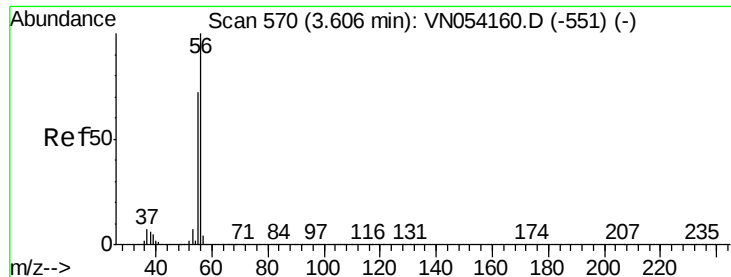
200

100

0

Time-->





#13

Acrolein

Concen: 3.126 ug/l

RT: 3.56 min Scan# 556

Delta R.T. -0.05 min

Lab File: VN054220.D

Acq: 13 Mar 2019 18:45

Instrument :

MSVOA_N

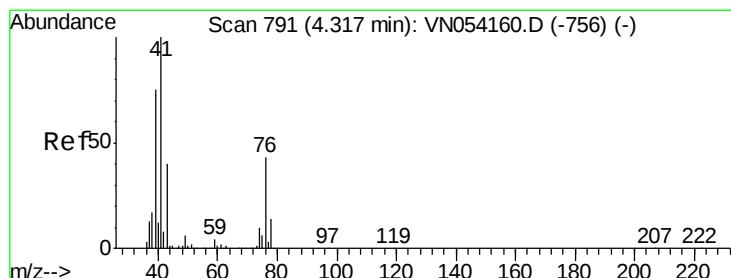
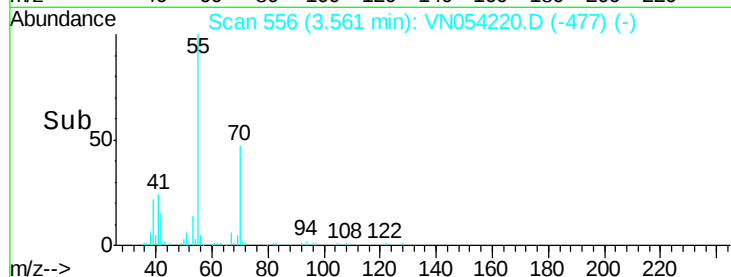
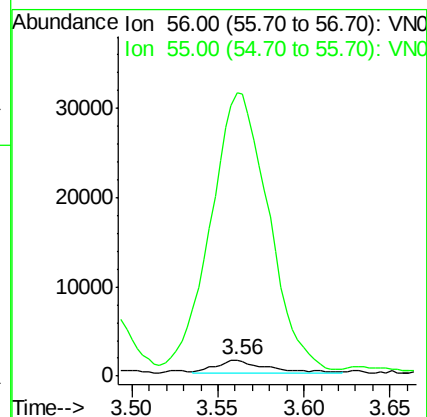
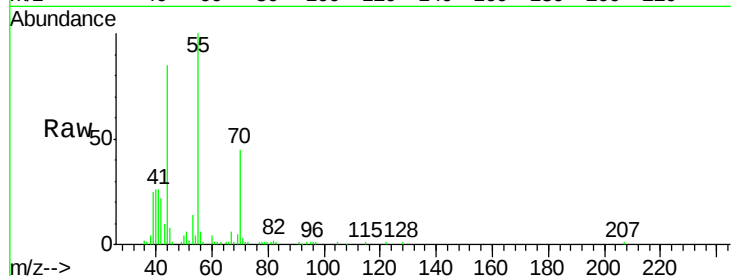
ClientSampleId :

Tot Ion: 56 Resp: 2844

Ion Ratio Lower Upper

56 100

55 2534.8 56.7 85.1#



#14

Allyl chloride

Concen: 0.347 ug/l

RT: 4.39 min Scan# 814

Delta R.T. 0.07 min

Lab File: VN054220.D

Acq: 13 Mar 2019 18:45

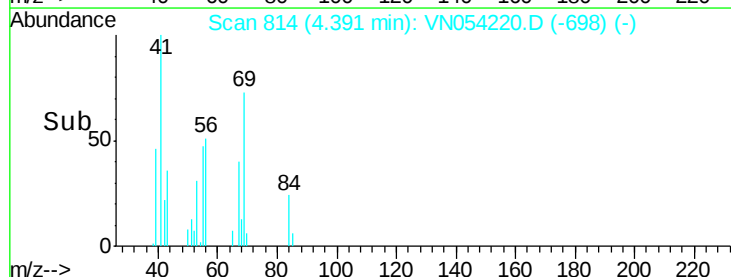
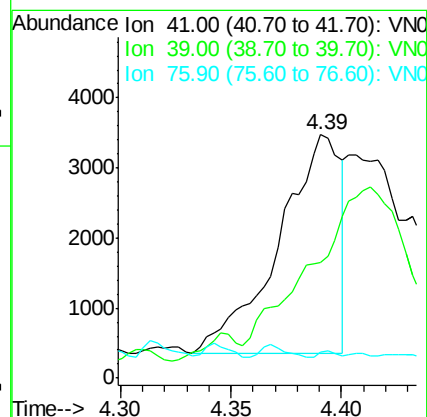
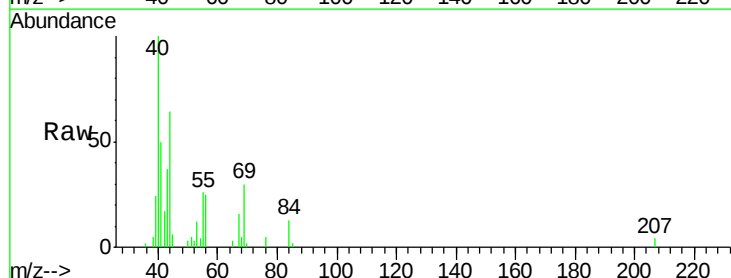
Tgt Ion: 41 Resp: 6098

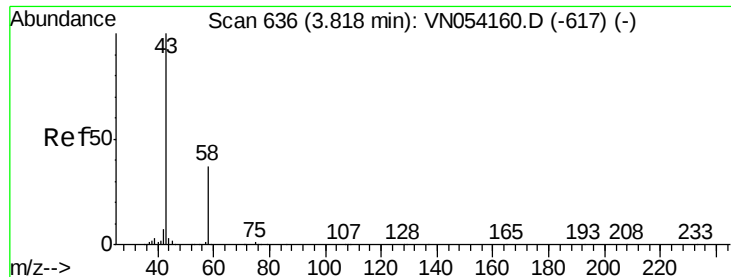
Ion Ratio Lower Upper

41 100

39 0.0 58.2 87.4#

76 0.6 31.7 47.5#





#16

Acetone

Concen: 3.253 ug/l

RT: 3.79 min Scan# 628

Delta R.T. -0.03 min

Lab File: VN054220.D

Acq: 13 Mar 2019 18:45

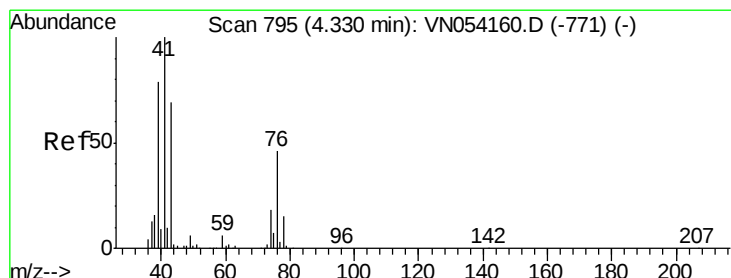
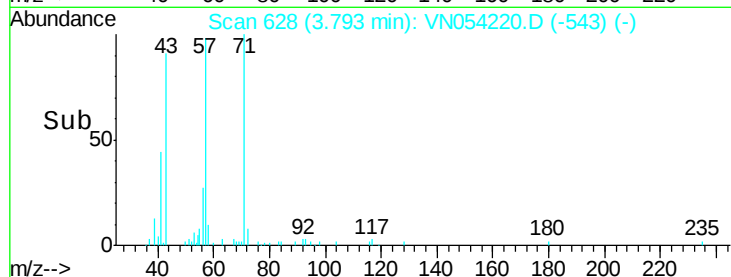
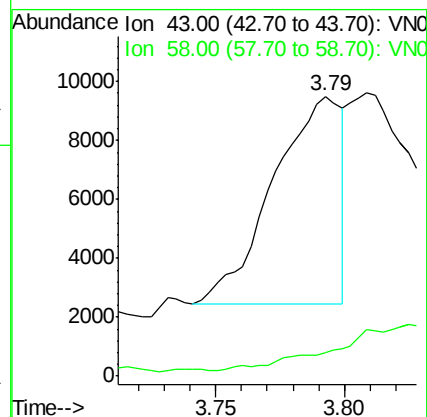
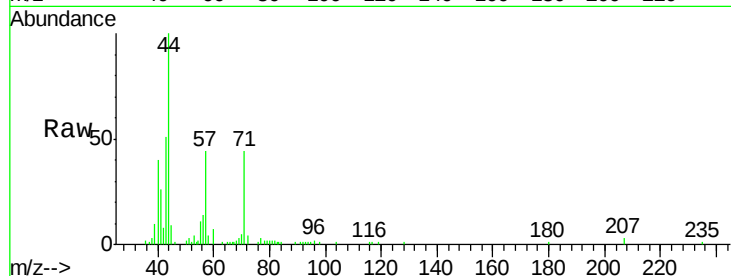
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 13043

Ion Ratio Lower Upper

43 100

58 7.9 29.9 44.9#



#18

Methyl Acetate

Concen: 0.633 ug/l

RT: 4.39 min Scan# 813

Delta R.T. 0.06 min

Lab File: VN054220.D

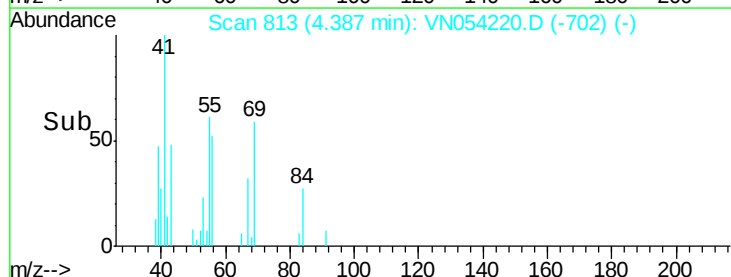
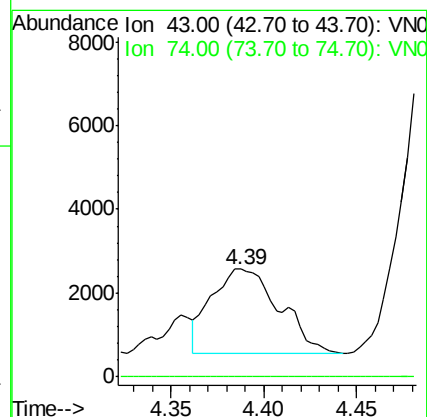
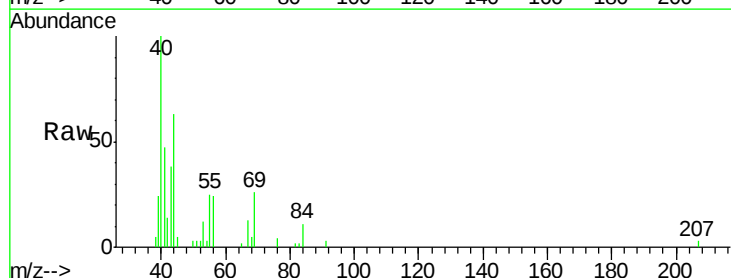
Acq: 13 Mar 2019 18:45

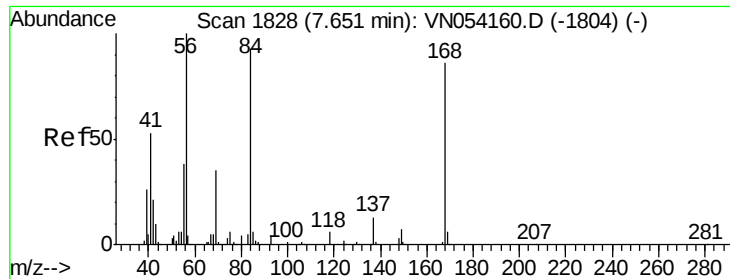
Tgt Ion: 43 Resp: 5134

Ion Ratio Lower Upper

43 100

74 0.0 20.8 31.2#

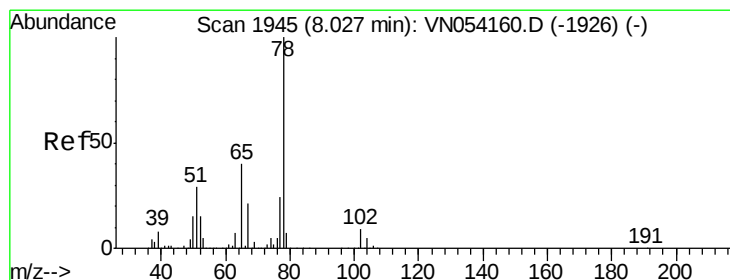
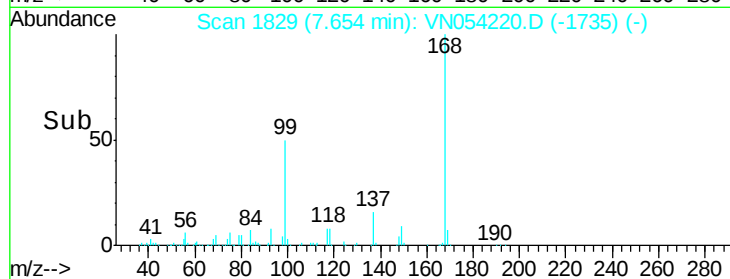
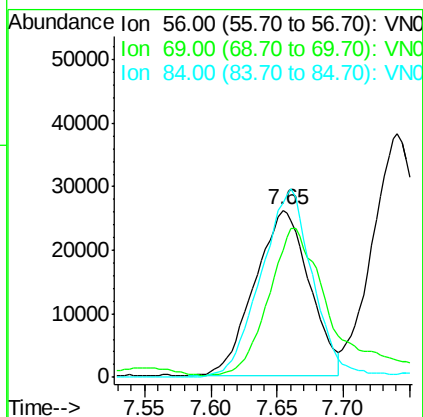
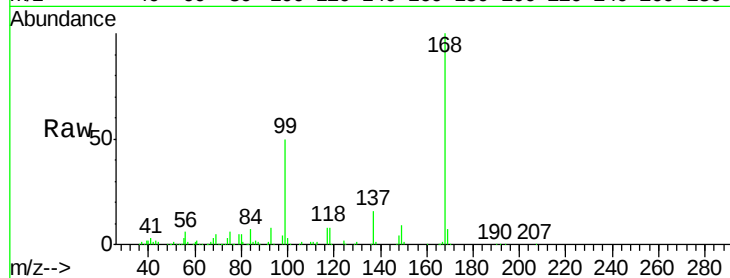




#31
Cyclohexane
Concen: 2.425 ug/l
RT: 7.65 min Scan# 1829
Delta R.T. 0.00 min
Lab File: VN054220.D
Acq: 13 Mar 2019 18:45

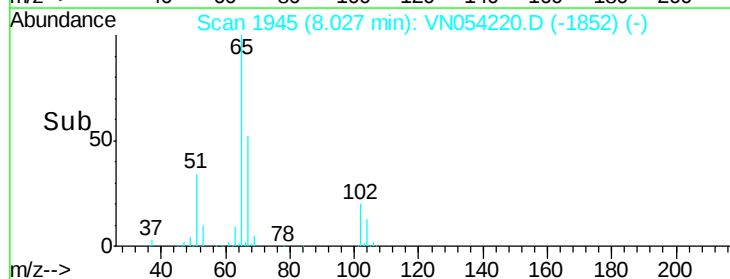
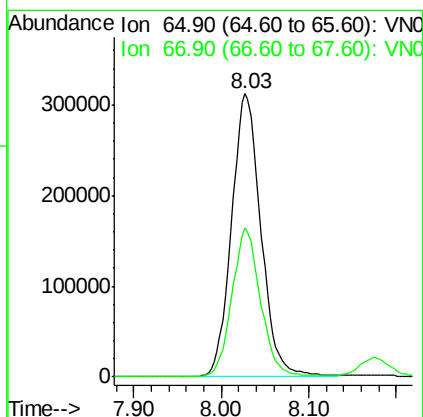
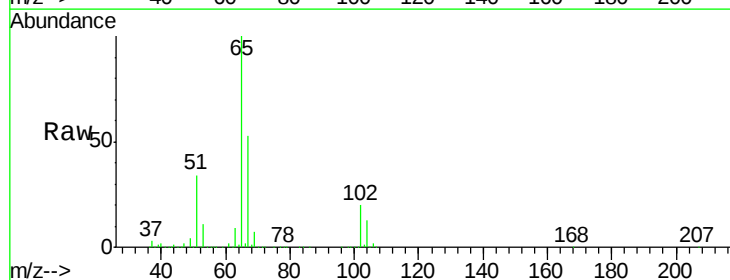
Instrument :
MSVOA_N
ClientSampled :

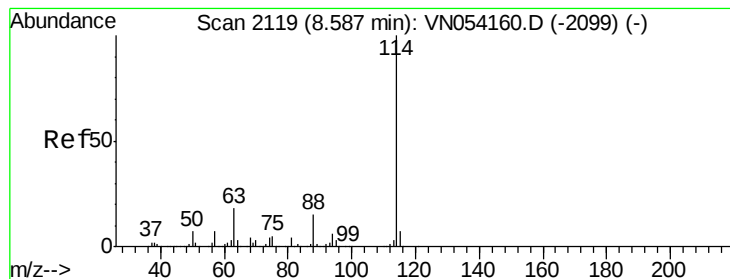
Tot Ion: 56 Resp: 75657
Ion Ratio Lower Upper
56 100
69 74.7 27.8 41.6#
84 105.2 74.6 111.8



#33
1,2-Dichloroethane-d4
Concen: 52.094 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN054220.D
Acq: 13 Mar 2019 18:45

Tgt Ion: 65 Resp: 729484
Ion Ratio Lower Upper
65 100
67 50.6 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: VN054220.D

Acq: 13 Mar 2019 18:45

Instrument :

MSVOA_N

ClientSampled :

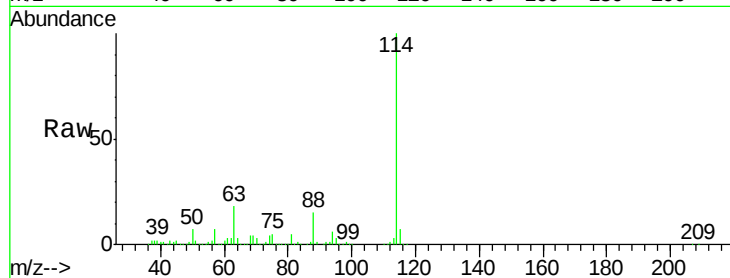
Tot Ion:114 Resp: 2260470

Ion Ratio Lower Upper

114 100

63 18.0 0.0 35.2

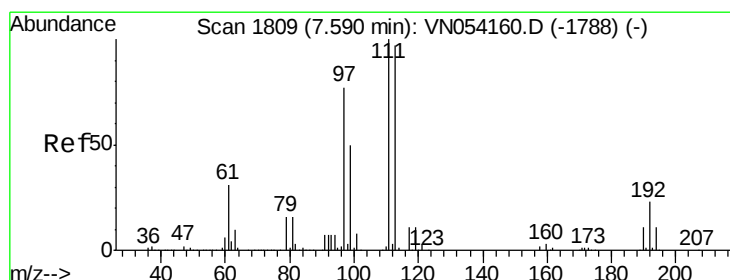
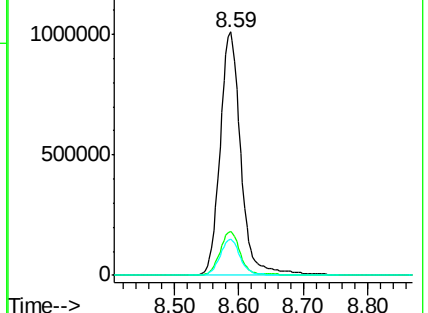
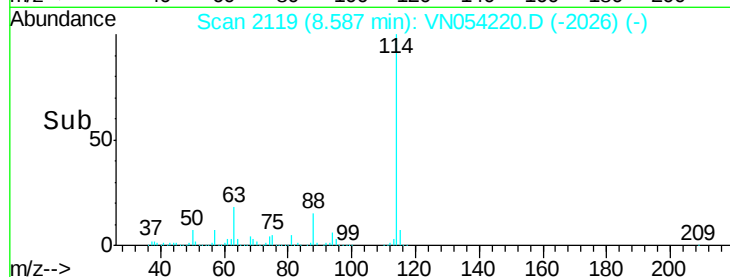
88 15.0 0.0 30.2



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: 47.588 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN054220.D

Acq: 13 Mar 2019 18:45

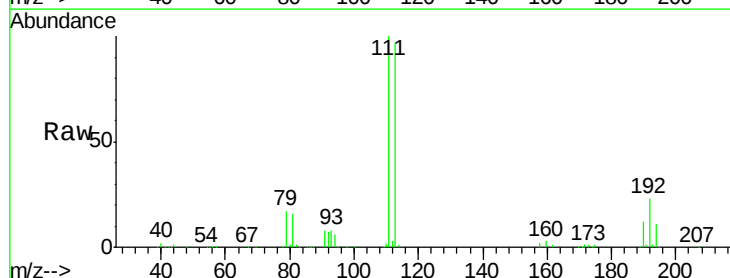
Tgt Ion:113 Resp: 693784

Ion Ratio Lower Upper

113 100

111 102.6 82.2 123.4

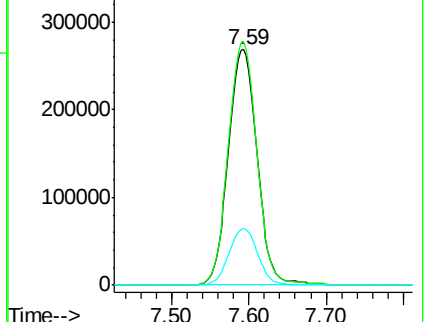
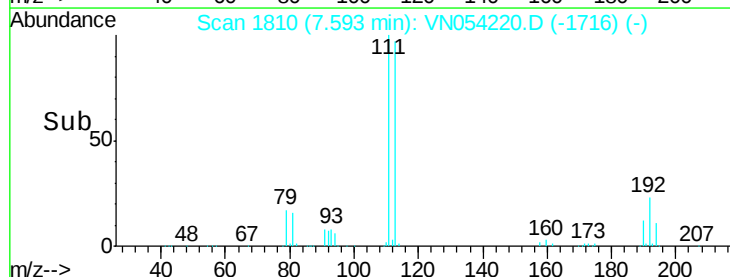
192 23.8 19.2 28.8

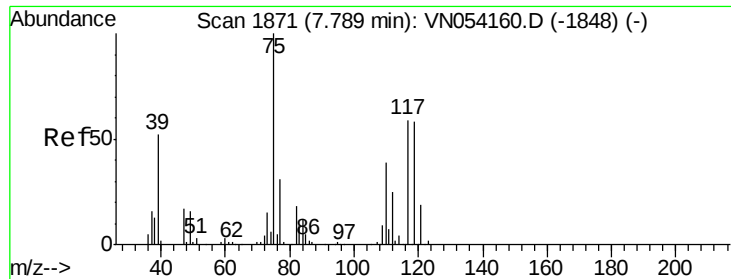


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

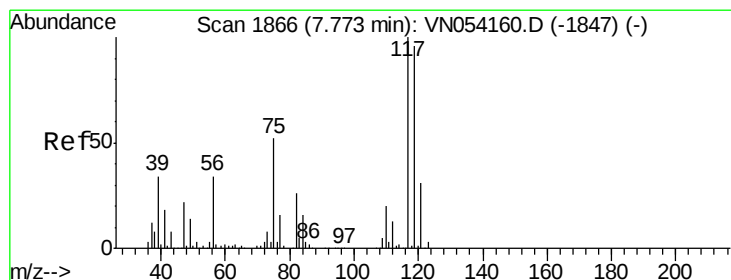
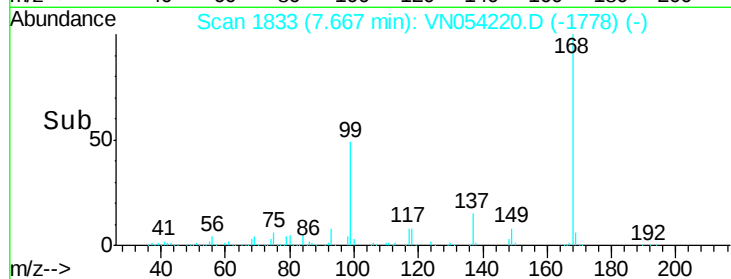
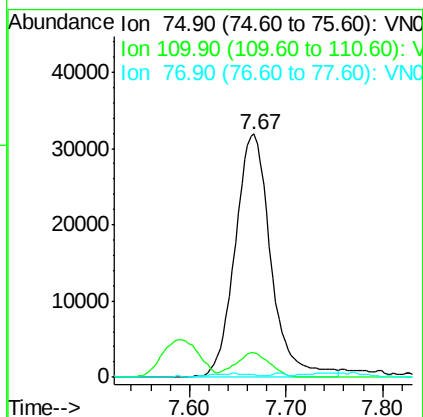
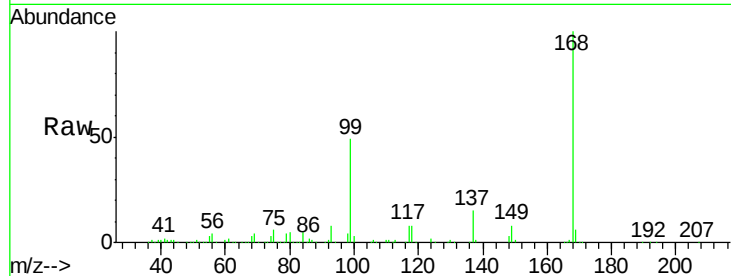




#36
 1,1-Dichloropropene
 Concen: 3.945 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.12 min
 Lab File: VN054220.D
 Acq: 13 Mar 2019 18:45

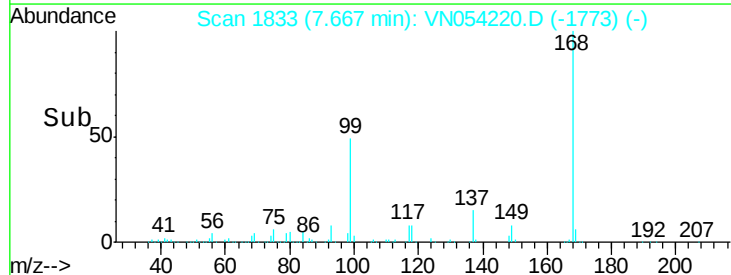
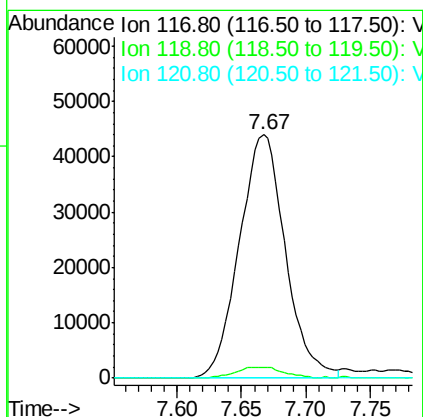
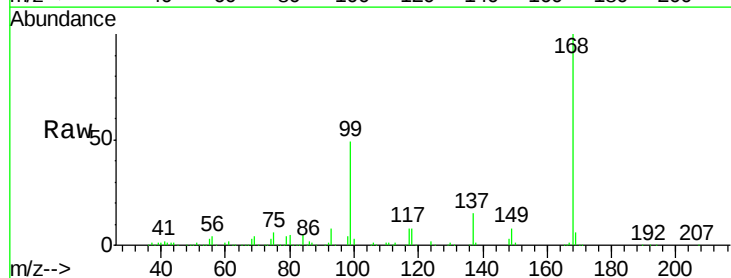
Instrument :
 MSVOA_N
 ClientSampled :

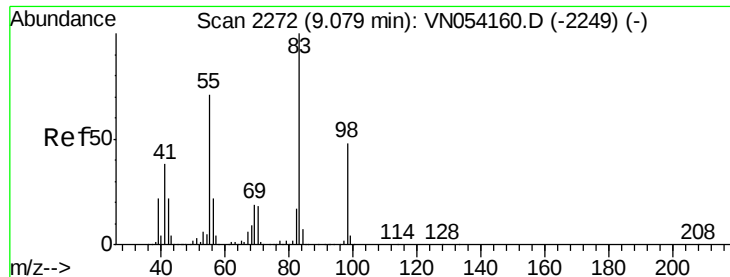
Tot Ion	75	Resp	82116
Ion Ratio	100	Lower	Upper
75	100		
110	9.8	19.1	57.5#
77	0.0	25.0	37.4#



#38
 Carbon Tetrachloride
 Concen: 5.014 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.11 min
 Lab File: VN054220.D
 Acq: 13 Mar 2019 18:45

Tgt Ion	117	Resp	109456
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
117	100		
119	4.6	76.3	114.5#
121	0.0	24.6	36.8#

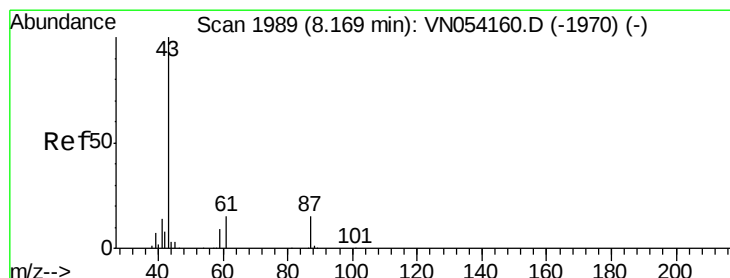
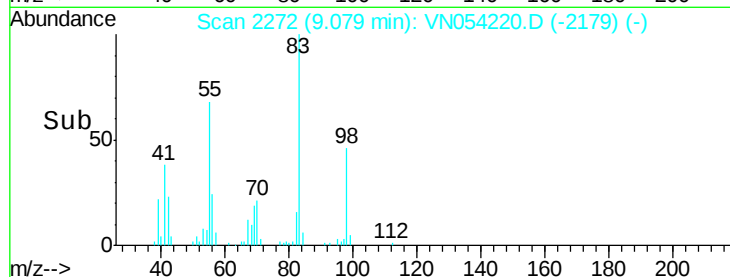
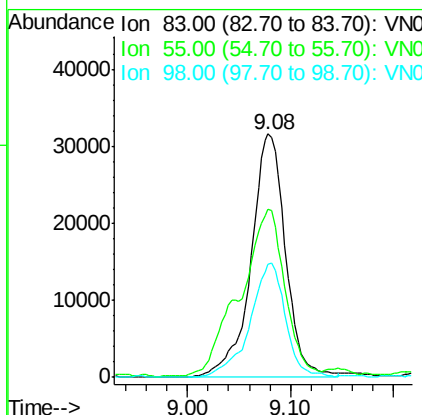
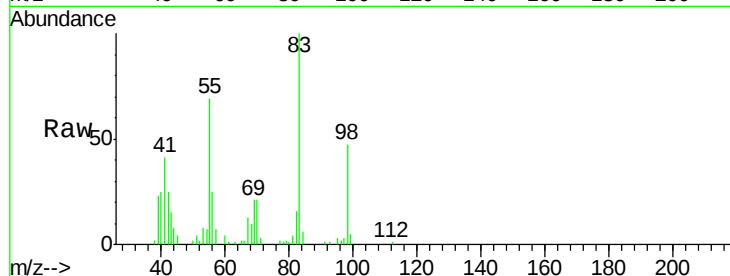




#39
Methvlcvclohexane
Concen: 2.865 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VN054220.D
Acq: 13 Mar 2019 18:45

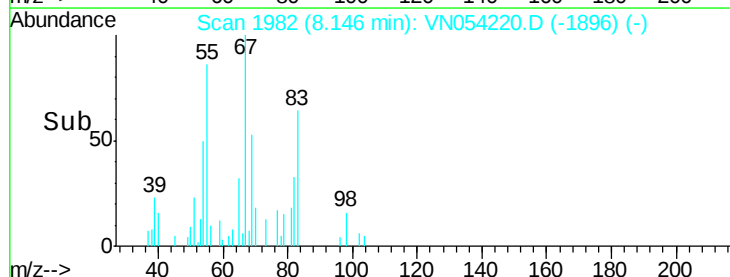
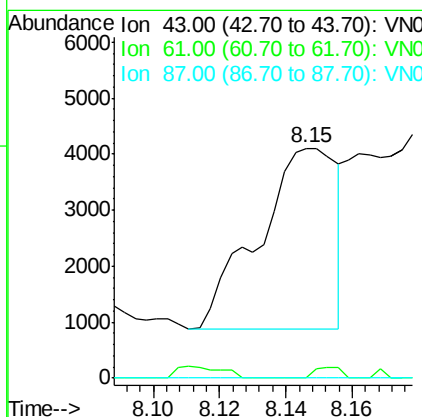
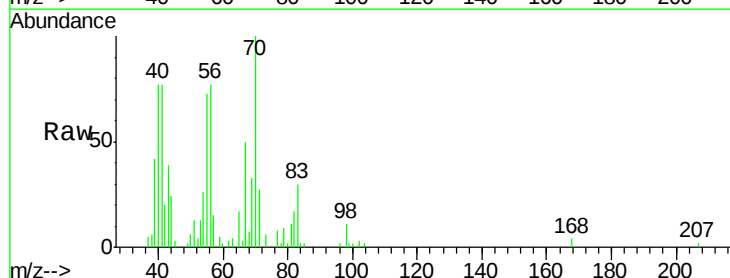
Instrument :
MSVOA_N
ClientSampleId :

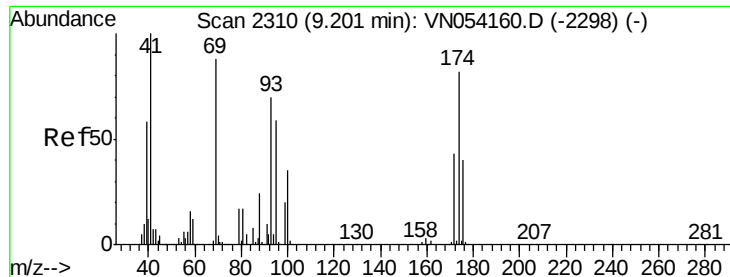
Tot Ion: 83 Resp: 73388
Ion Ratio Lower Upper
83 100
55 67.6 56.6 84.8
98 46.6 38.4 57.6



#43
Isopropyl Acetate
Concen: 0.252 ug/l
RT: 8.15 min Scan# 1982
Delta R.T. -0.02 min
Lab File: VN054220.D
Acq: 13 Mar 2019 18:45

Tgt Ion: 43 Resp: 5290
Ion Ratio Lower Upper
43 100
61 0.0 15.8 23.8#
87 0.0 12.0 18.0#

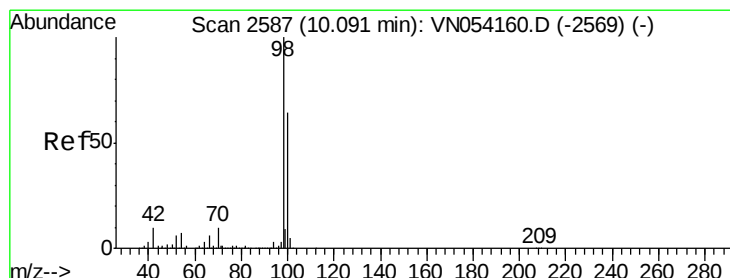
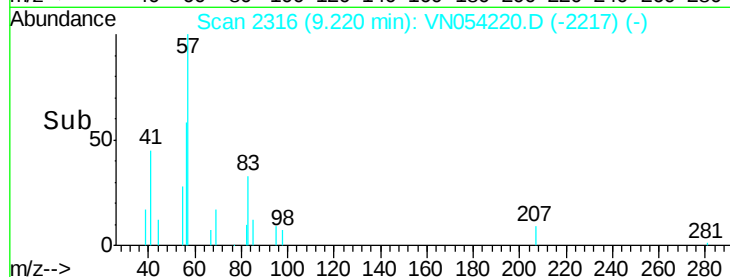
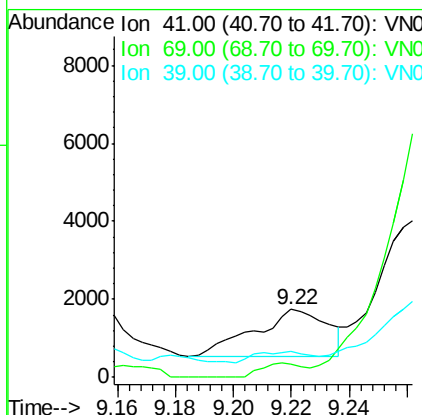
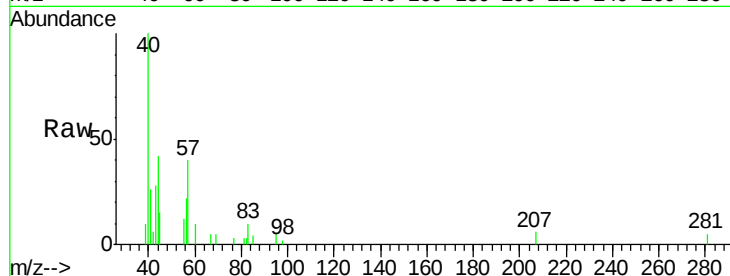




#48
Methvl methacrylate
Concen: 0.202 ug/l
RT: 9.22 min Scan# 2316
Delta R.T. 0.02 min
Lab File: VN054220.D
Acq: 13 Mar 2019 18:45

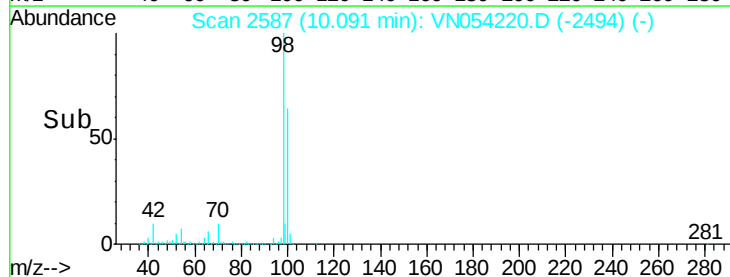
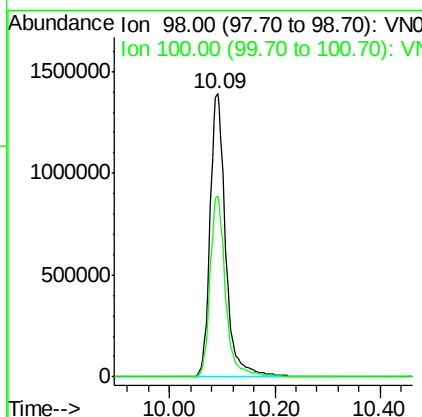
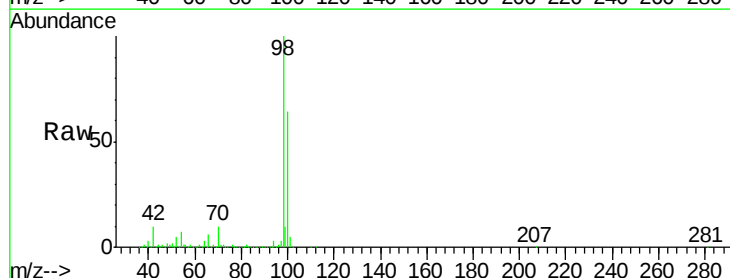
Instrument :
MSVOA_N
ClientSampleId :

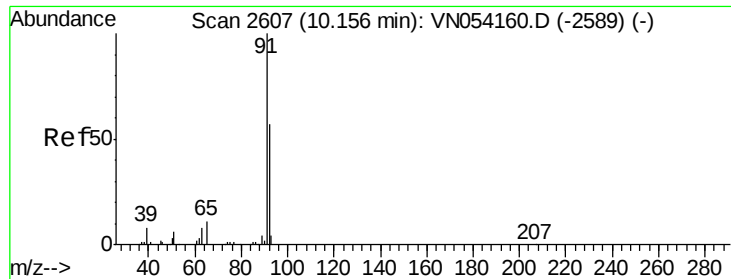
Tot Ion: 41 Resp: 2150
Ion Ratio Lower Upper
41 100
69 0.0 72.6 108.8#
39 0.0 47.5 71.3#



#50
Toluene-d8
Concen: 52.964 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN054220.D
Acq: 13 Mar 2019 18:45

Tgt Ion: 98 Resp: 2851752
Ion Ratio Lower Upper
98 100
100 63.5 51.2 76.8





#52

Toluene

Concen: 4.573 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN054220.D

Acq: 13 Mar 2019 18:45

Instrument :

MSVOA_N

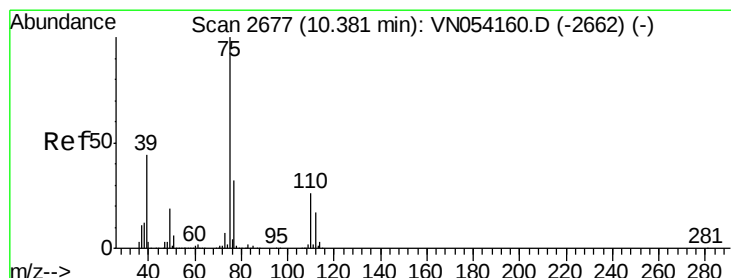
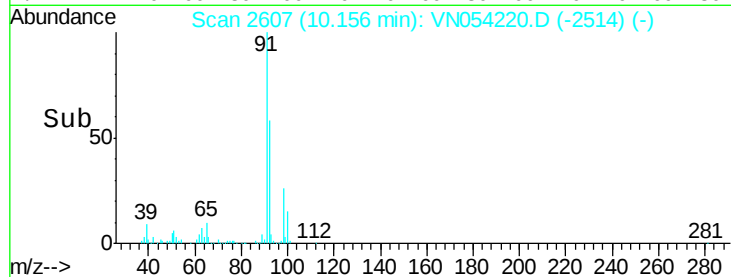
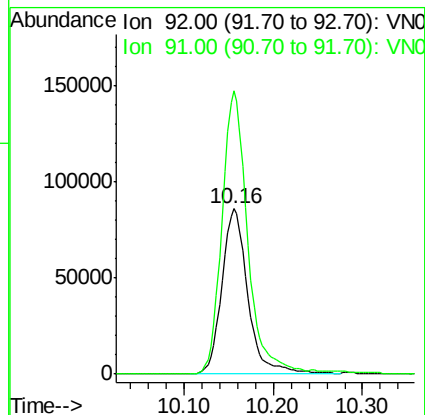
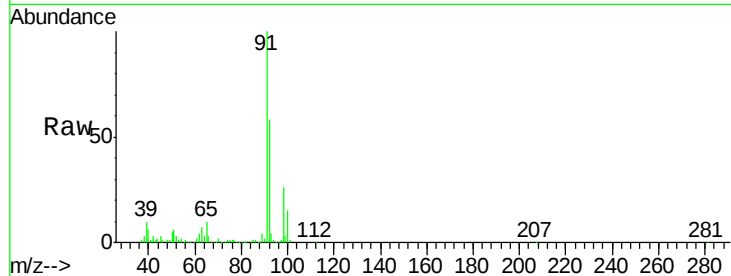
ClientSampleId :

Tot Ion: 92 Resp: 172734

Ion Ratio Lower Upper

92 100

91 167.9 140.7 211.1



#53

t-1,3-Dichloropropene

Concen: 1.991 ug/l

RT: 10.38 min Scan# 2678

Delta R.T. 0.00 min

Lab File: VN054220.D

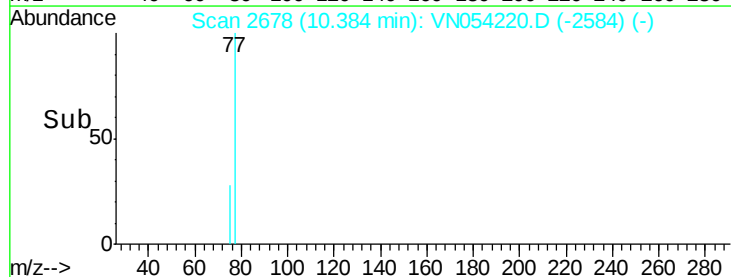
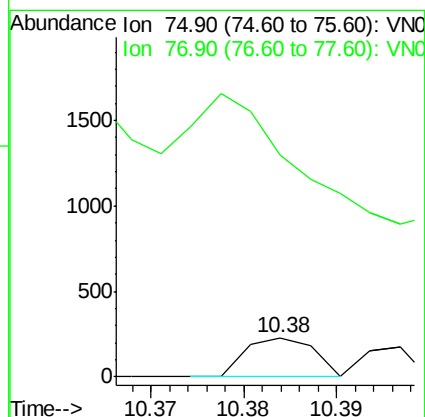
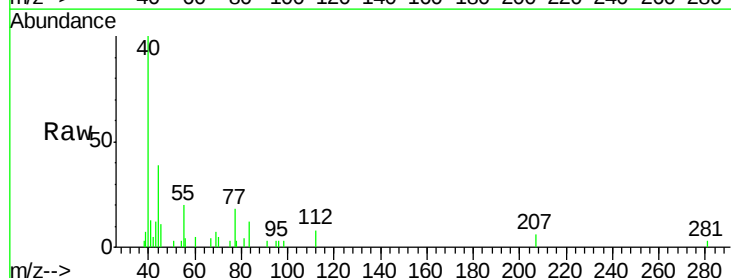
Acq: 13 Mar 2019 18:45

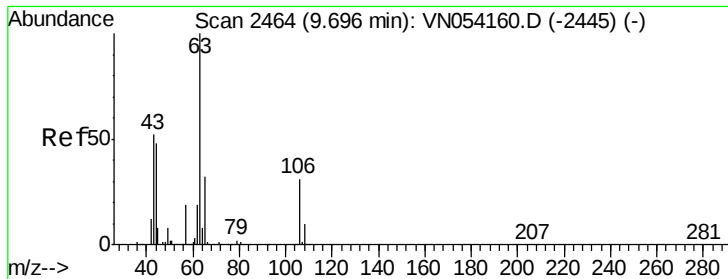
Tgt Ion: 75 Resp: 116

Ion Ratio Lower Upper

75 100

77 96.1 25.8 38.8#

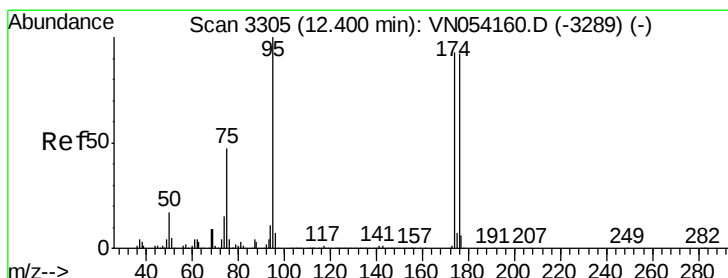
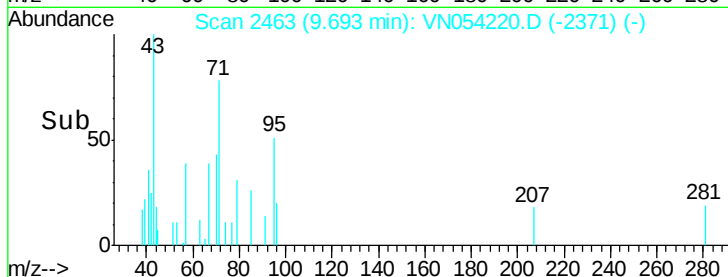
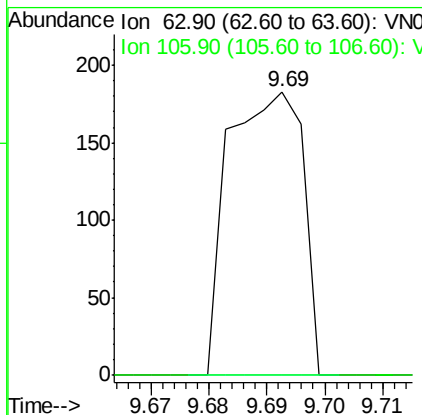
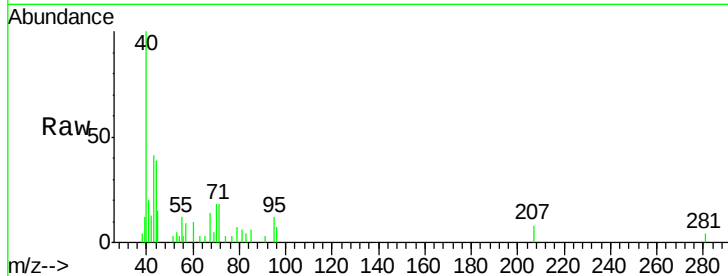




#58
 2-Chloroethyl Vinyl ether
 Concen: 16.849 ug/l
 RT: 9.69 min Scan# 2463
 Delta R.T. -0.00 min
 Lab File: VN054220.D
 Acq: 13 Mar 2019 18:45

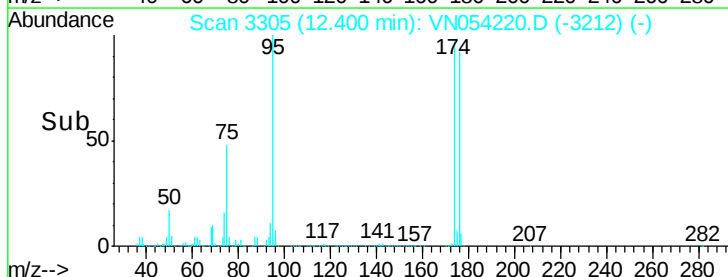
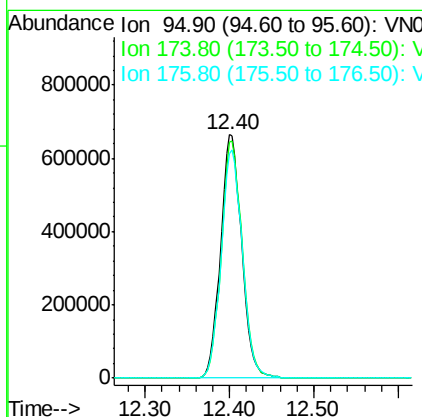
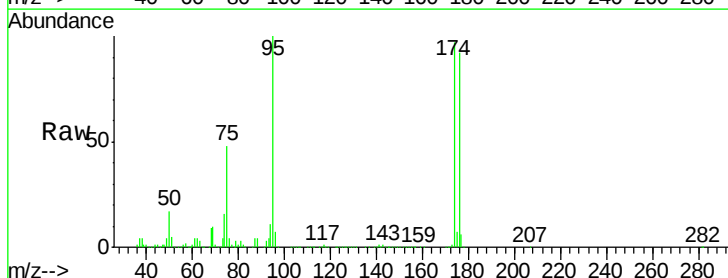
Instrument :
 MSVOA_N
 ClientSampled :

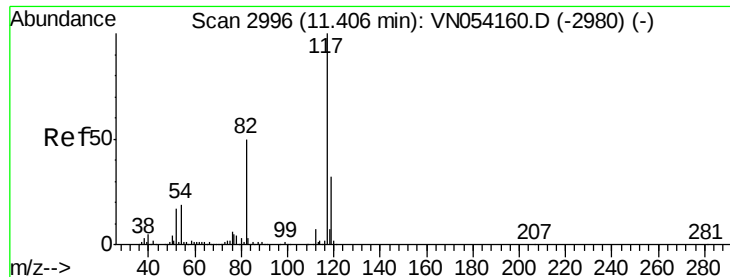
Tot Ion: 63 Resp: 162
 Ion Ratio Lower Upper
 63 100
 106 0.0 24.4 36.6#



#62
 4-Bromofluorobenzene
 Concen: 61.140 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. -0.00 min
 Lab File: VN054220.D
 Acq: 13 Mar 2019 18:45

Tgt Ion: 95 Resp: 1151853
 Ion Ratio Lower Upper
 95 100
 174 97.1 0.0 191.0
 176 94.5 0.0 187.4

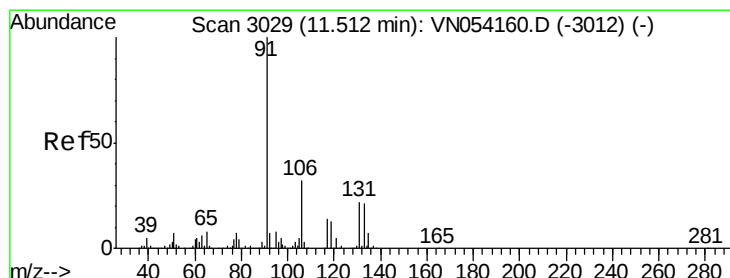
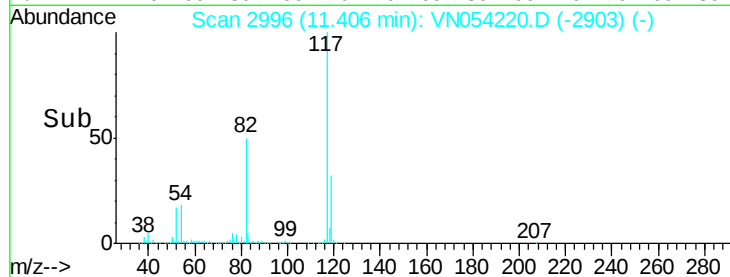
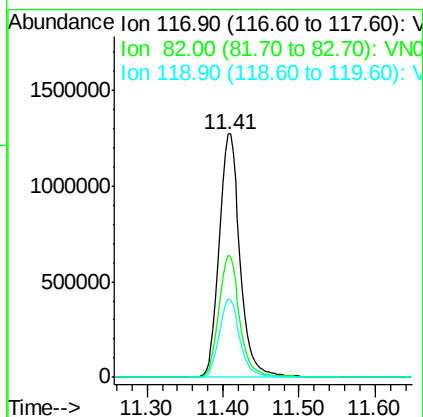
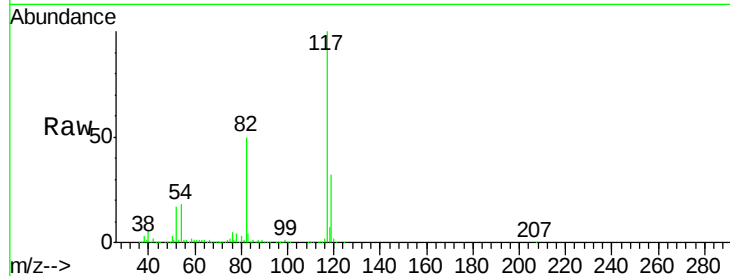




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN054220.D
Acq: 13 Mar 2019 18:45

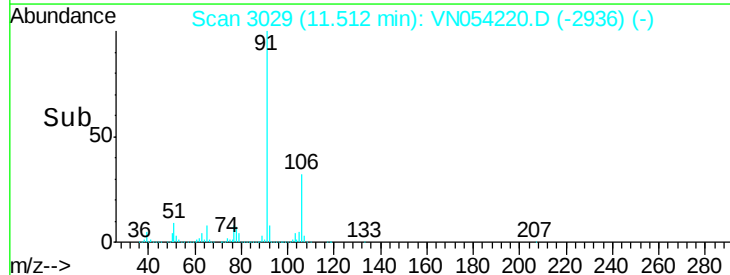
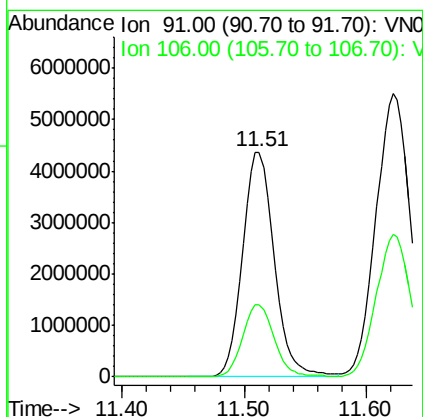
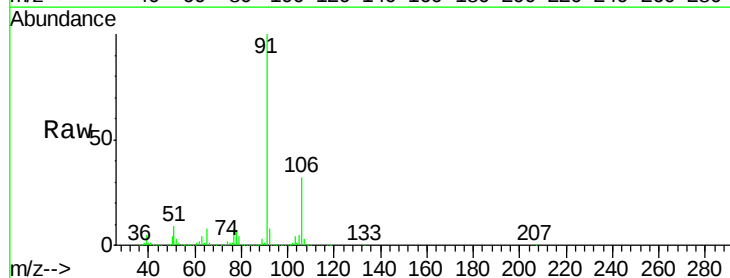
Instrument :
MSVOA_N
ClientSampleId :

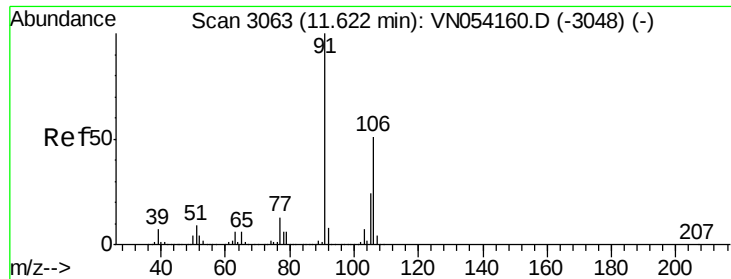
Tot Ion:117 Resp: 2422245
Ion Ratio Lower Upper
117 100
82 50.0 40.0 60.0
119 32.1 25.8 38.6



#67
Ethyl Benzene
Concen: 88.683 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN054220.D
Acq: 13 Mar 2019 18:45

Tgt Ion: 91 Resp: 7818713
Ion Ratio Lower Upper
91 100
106 32.3 25.5 38.3

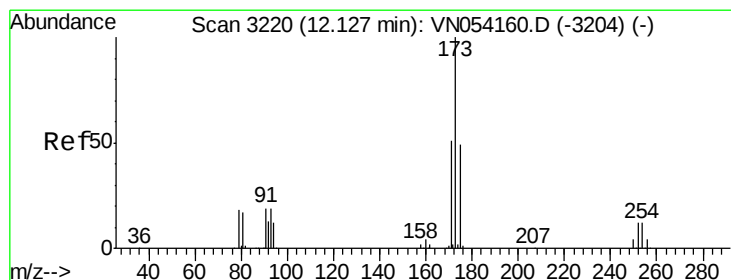
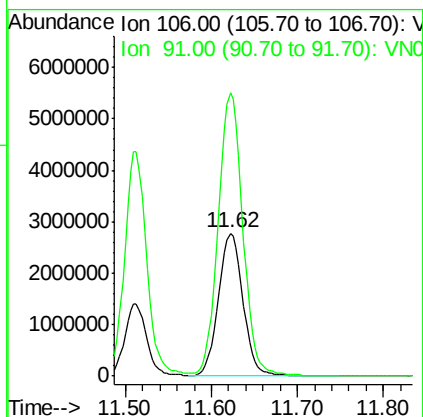
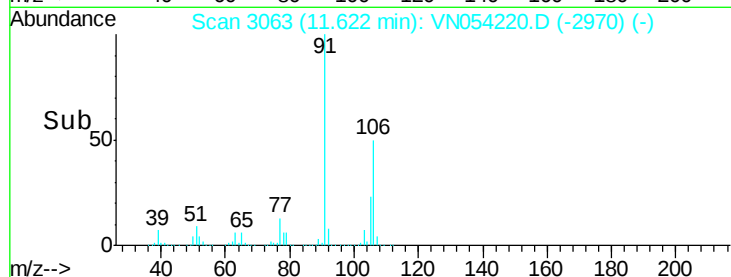
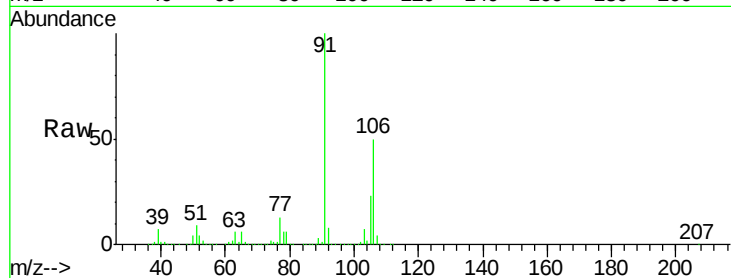




#68
m/p-Xvlenes
Concen: 160.765 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN054220.D
Acq: 13 Mar 2019 18:45

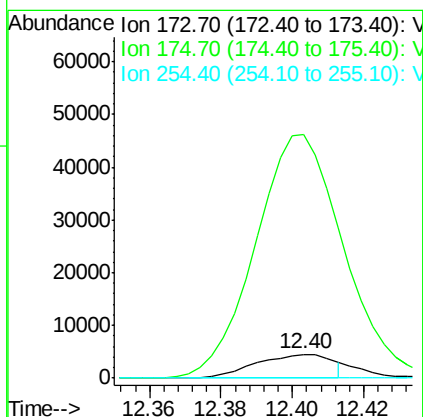
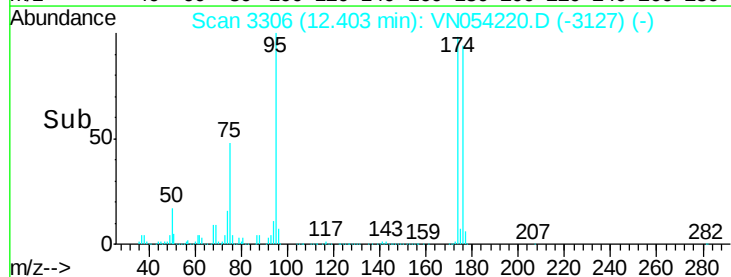
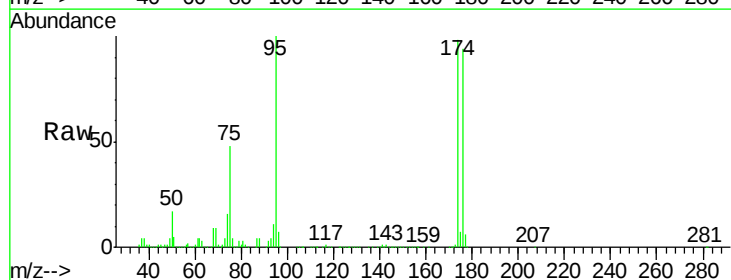
Instrument :
MSVOA_N
ClientSampleId :

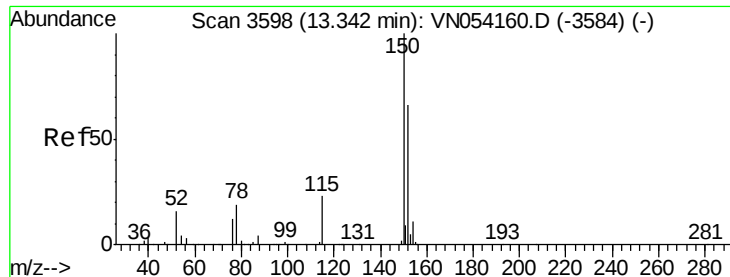
Tot Ion:106 Resp: 5539788
Ion Ratio Lower Upper
106 100
91 198.5 159.4 239.2



#71
Bromoform
Concen: 2.784 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.28 min
Lab File: VN054220.D
Acq: 13 Mar 2019 18:45

Tgt Ion:173 Resp: 6705
Ion Ratio Lower Upper
173 100
175 1004.9 24.4 73.2#
254 0.0 0.1 0.1#



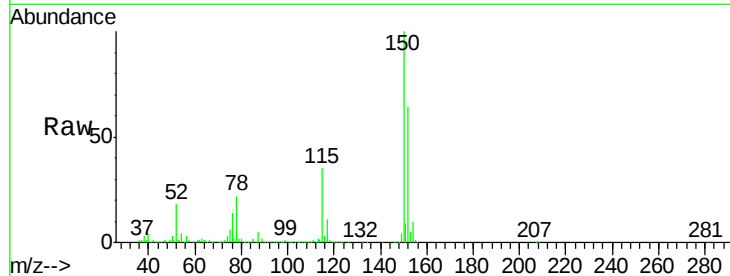


#72

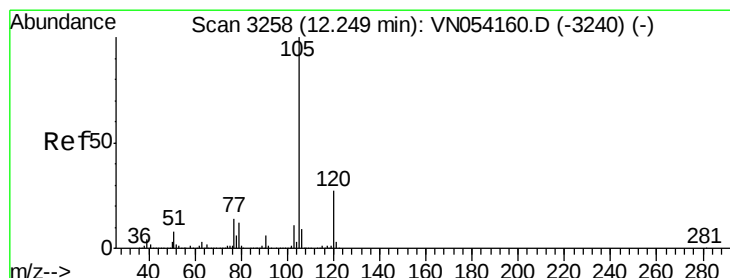
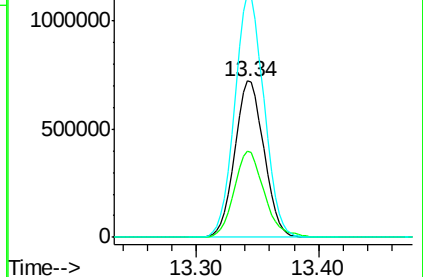
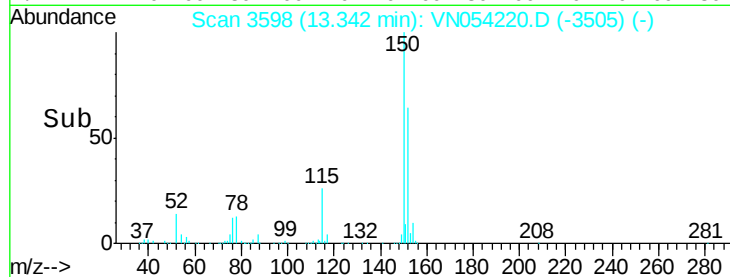
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN054220.D
Acq: 13 Mar 2019 18:45

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:152 Resp: 1196607
Ion Ratio Lower Upper
152 100
115 56.6 27.2 81.6
150 155.9 0.0 349.2



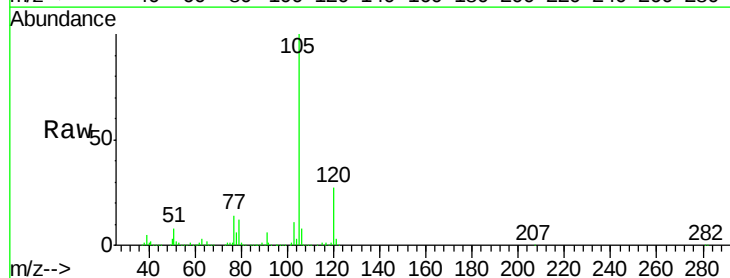
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



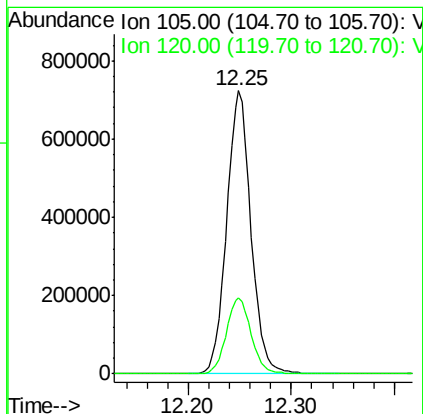
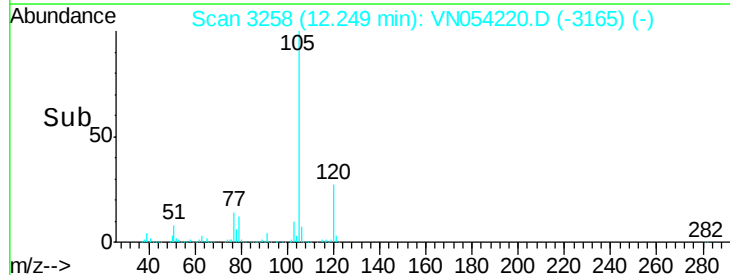
#73

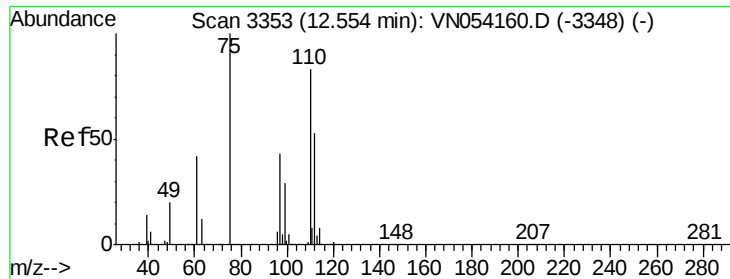
Isopropylbenzene
Concen: 12.375 ug/l
RT: 12.25 min Scan# 3258
Delta R.T. 0.00 min
Lab File: VN054220.D
Acq: 13 Mar 2019 18:45

Tgt Ion:105 Resp: 1184743
Ion Ratio Lower Upper
105 100
120 27.4 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: 31.621 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN054220.D

Acq: 13 Mar 2019 18:45

Instrument :

MSVOA_N

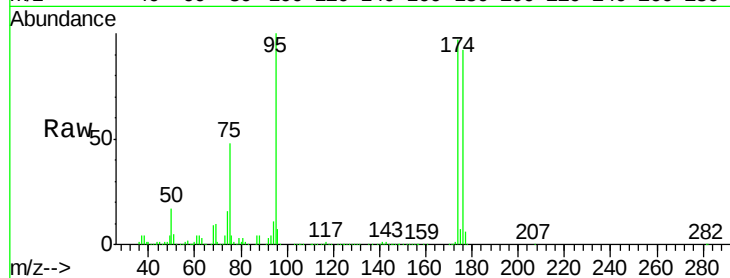
ClientSampled :

Tot Ion: 75 Resp: 556416

Ion Ratio Lower Upper

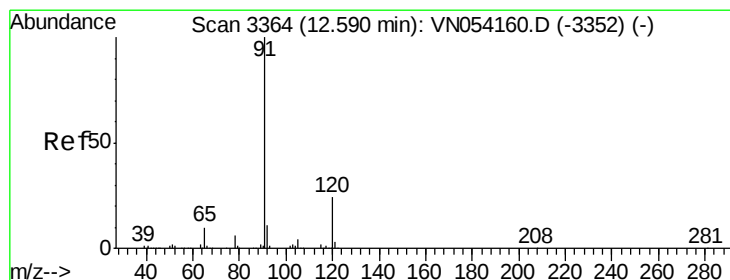
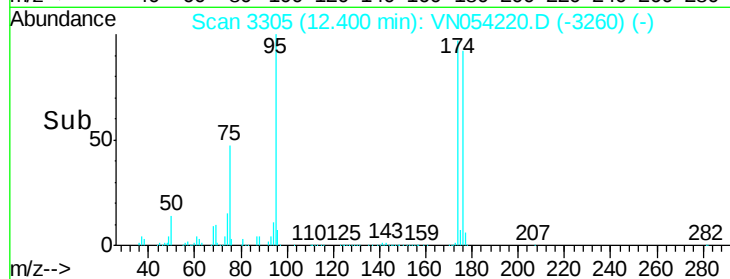
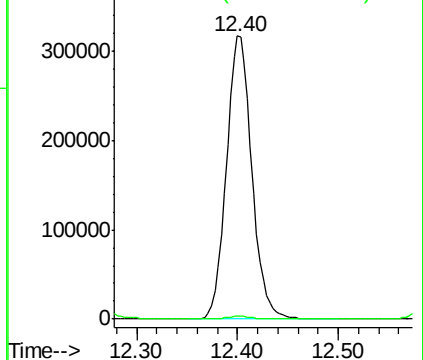
75 100

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: 10.148 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN054220.D

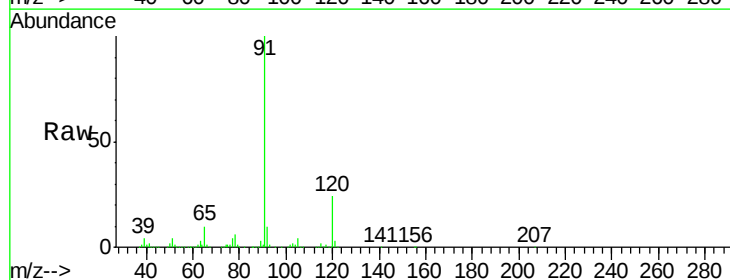
Acq: 13 Mar 2019 18:45

Tgt Ion: 91 Resp: 1054218

Ion Ratio Lower Upper

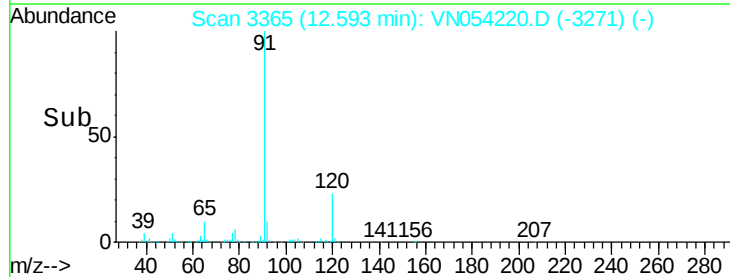
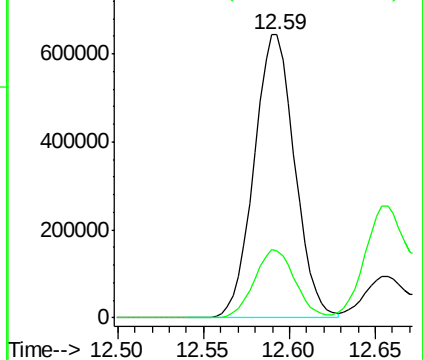
91 100

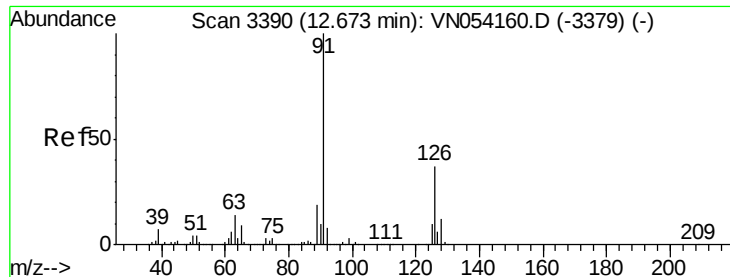
120 24.1 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 2.581 ug/l

RT: 12.66 min Scan# 3385

Delta R.T. -0.02 min

Lab File: VN054220.D

Acq: 13 Mar 2019 18:45

Instrument :

MSVOA_N

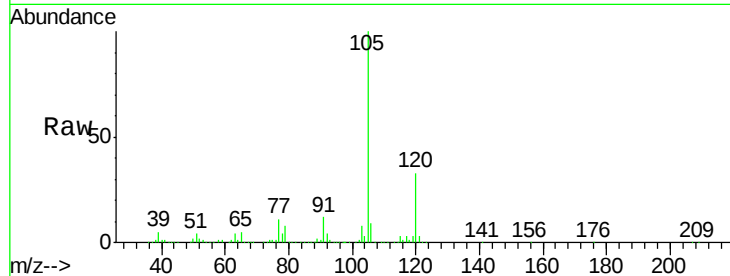
ClientSampled :

Tot Ion: 91 Resp: 161230

Ion Ratio Lower Upper

91 100

126 0.2 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) (-)

300000

250000

200000

150000

100000

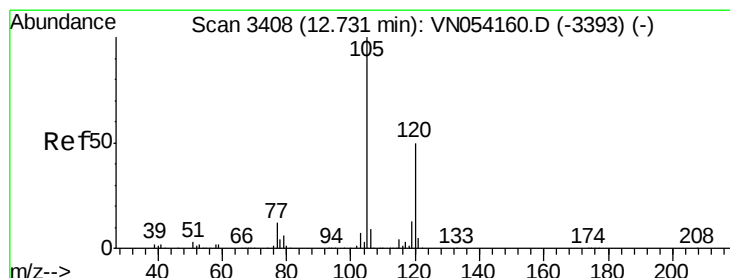
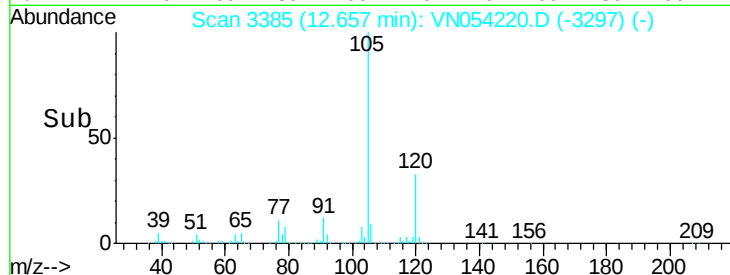
50000

0

12.66

12.65

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 10.811 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN054220.D

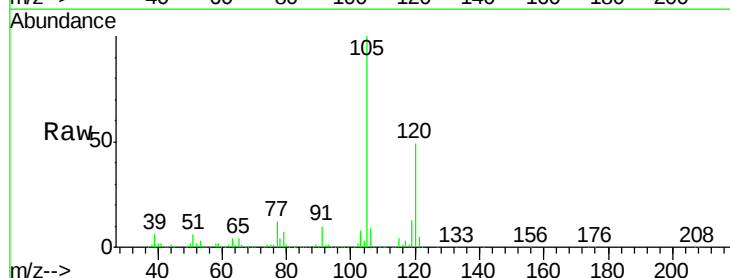
Acq: 13 Mar 2019 18:45

Tgt Ion: 105 Resp: 860937

Ion Ratio Lower Upper

105 100

120 50.8 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) (-)

800000

600000

400000

200000

0

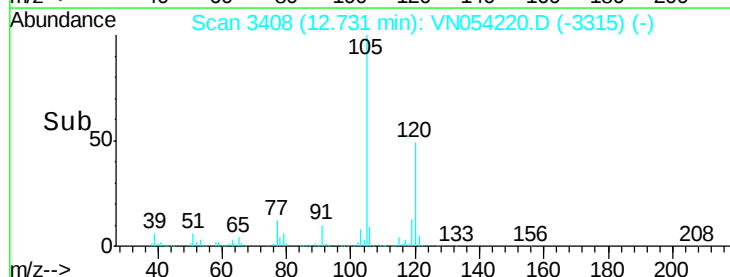
12.73

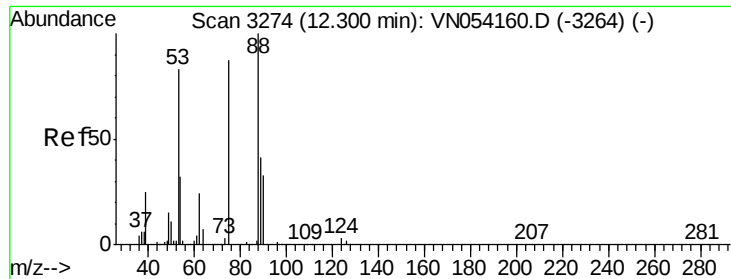
12.70

12.75

12.80

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 108.093 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN054220.D

Acq: 13 Mar 2019 18:45

Instrument :

MSVOA_N

ClientSampleId :

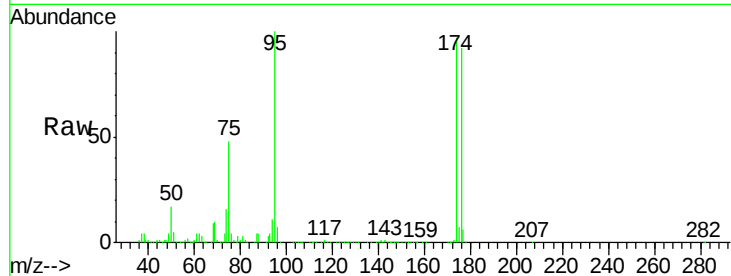
Tot Ion: 75 Resp: 556416

Ion Ratio Lower Upper

75 100

53 0.0 76.2 114.2#

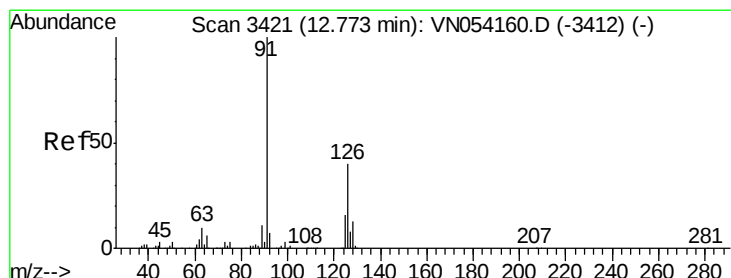
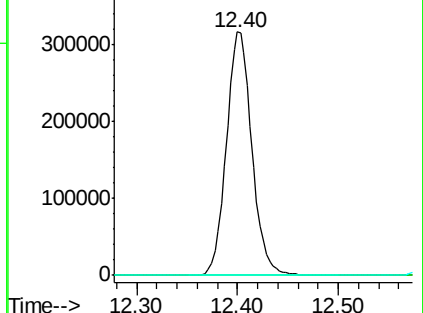
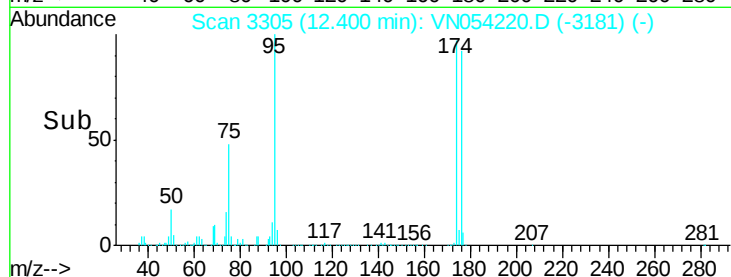
89 0.0 39.2 58.8#



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: 1.402 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.04 min

Lab File: VN054220.D

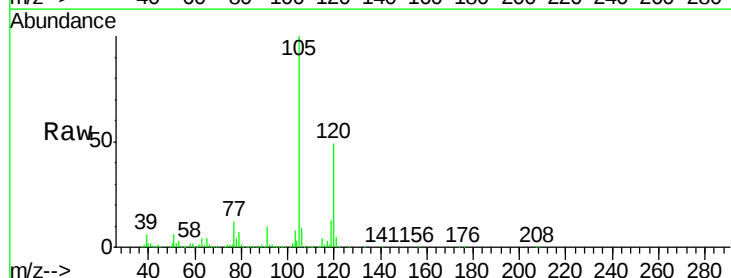
Acq: 13 Mar 2019 18:45

Tgt Ion: 91 Resp: 87410

Ion Ratio Lower Upper

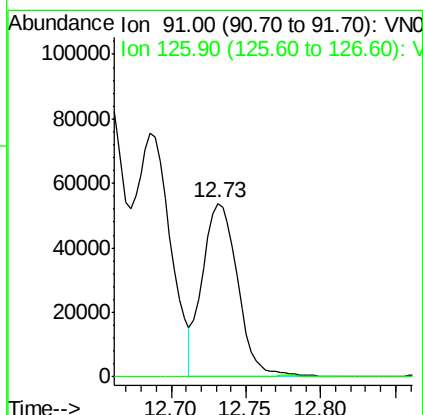
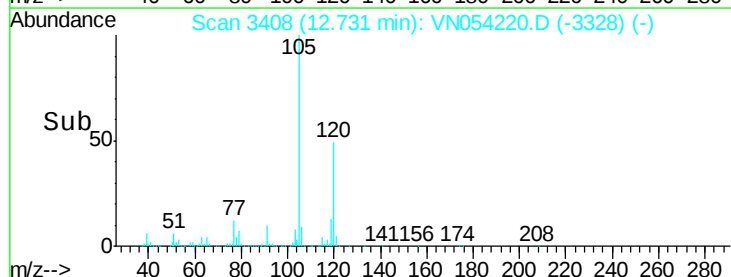
91 100

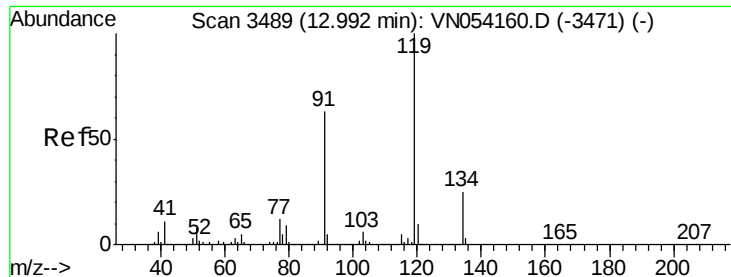
126 0.0 18.1 54.1#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

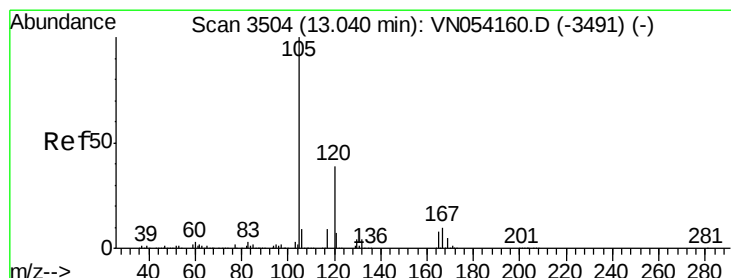
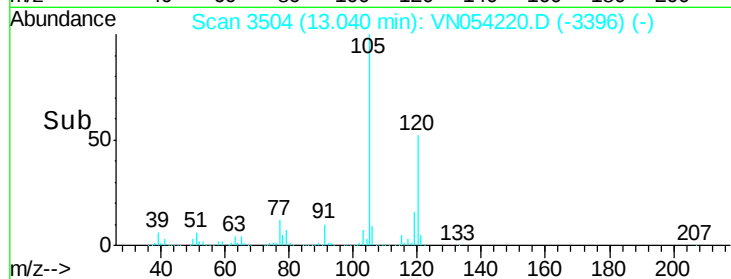
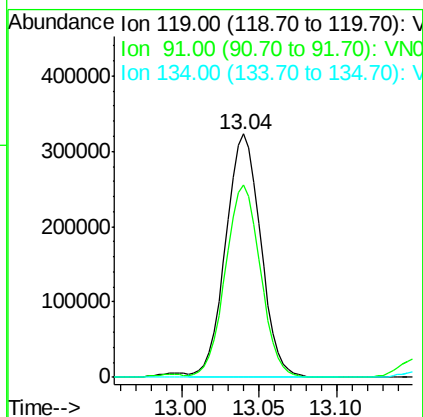
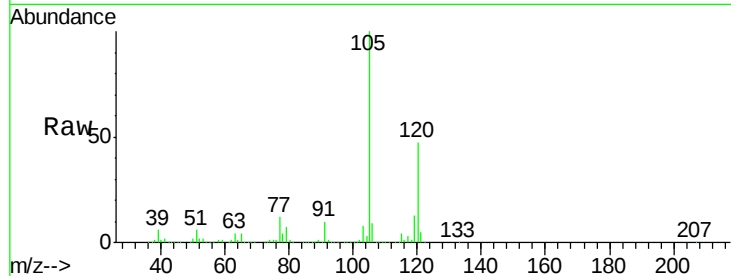




#83
tert-Butylbenzene
Concen: 6.897 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. 0.05 min
Lab File: VN054220.D
Acq: 13 Mar 2019 18:45

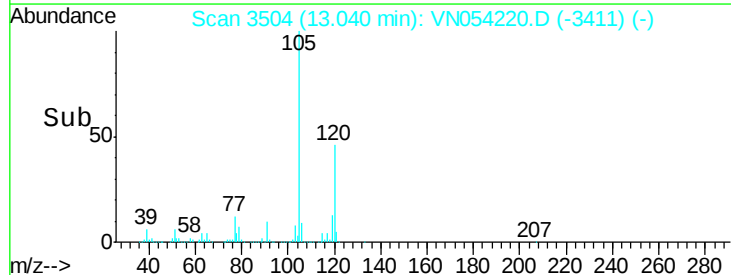
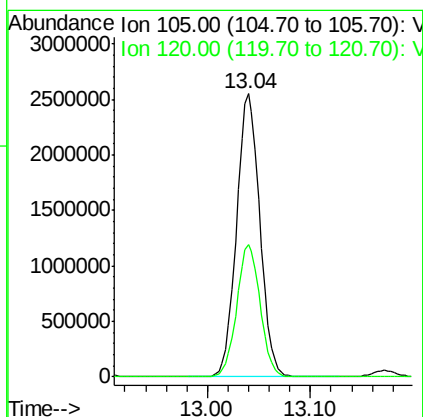
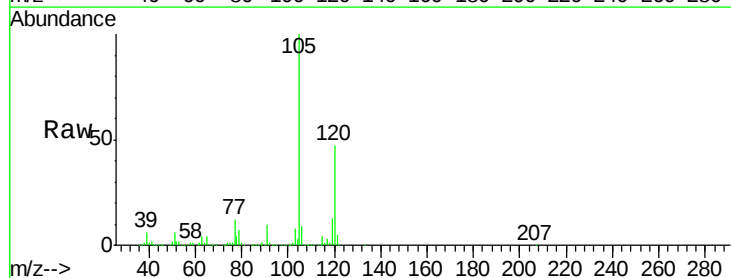
Instrument :
MSVOA_N
ClientSampled :

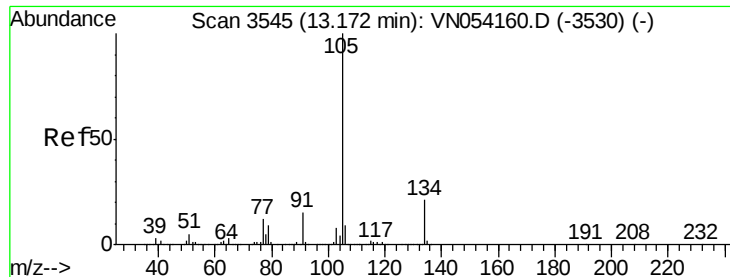
Tot Ion:119 Resp: 505552
Ion Ratio Lower Upper
119 100
91 79.2 30.9 92.8
134 0.0 13.2 39.6#



#84
1,2,4-Trimethylbenzene
Concen: 51.318 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. 0.00 min
Lab File: VN054220.D
Acq: 13 Mar 2019 18:45

Tgt Ion:105 Resp: 4009140
Ion Ratio Lower Upper
105 100
120 46.7 23.4 70.3





#85

sec-Butylbenzene

Concen: 42.177 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. -0.13 min

Lab File: VN054220.D

Acq: 13 Mar 2019 18:45

Instrument :

MSVOA_N

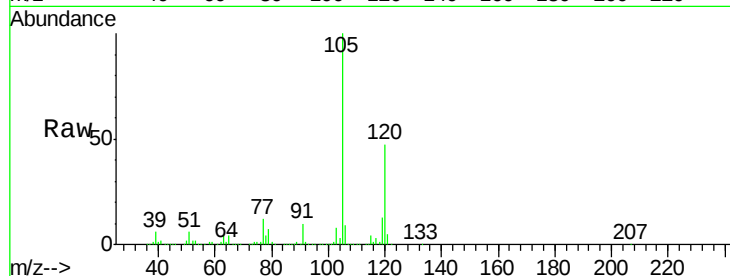
ClientSampled :

Tot Ion:105 Resp: 4009140

Ion Ratio Lower Upper

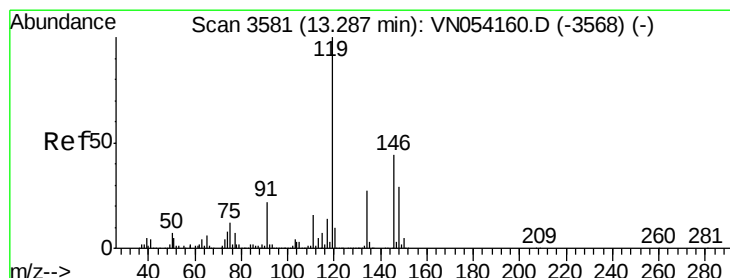
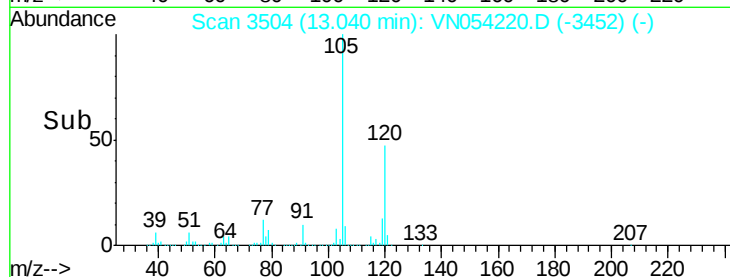
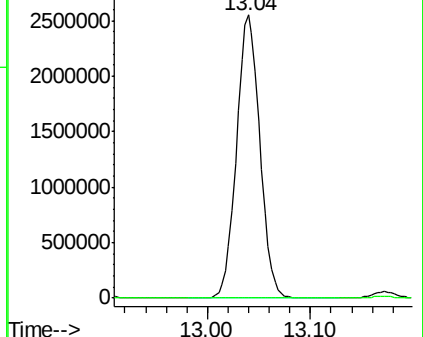
105 100

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



#86

p-Isopropyltoluene

Concen: 0.729 ug/l

RT: 13.23 min Scan# 3564

Delta R.T. -0.05 min

Lab File: VN054220.D

Acq: 13 Mar 2019 18:45

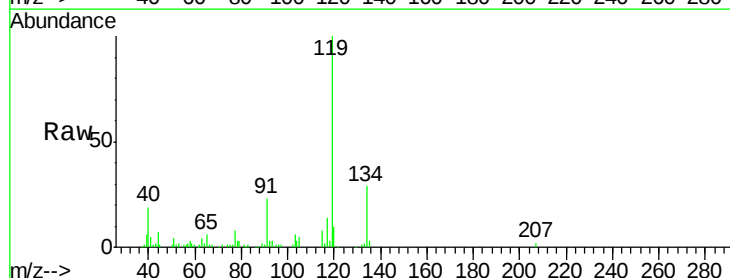
Tgt Ion:119 Resp: 60773

Ion Ratio Lower Upper

119 100

134 29.1 13.6 40.8

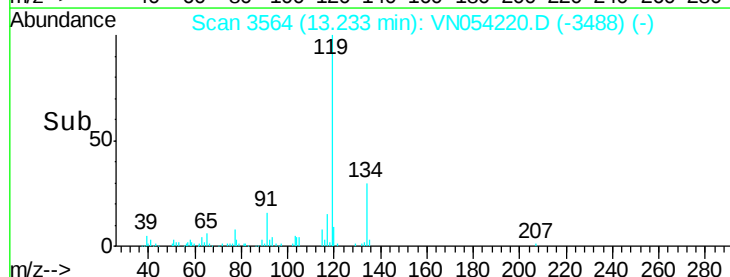
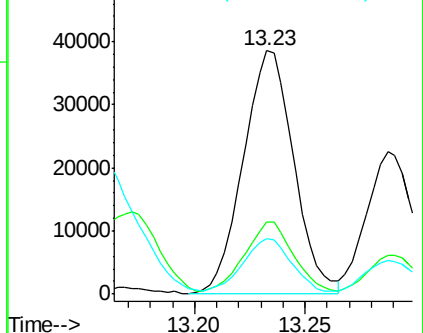
91 20.5 11.1 33.3

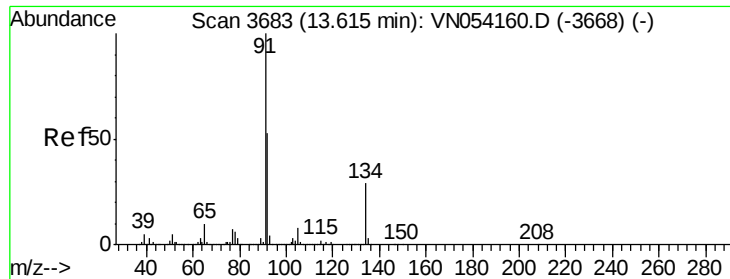


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#89

n-Butylbenzene

Concen: 0.788 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. -0.00 min

Lab File: VN054220.D

Acq: 13 Mar 2019 18:45

Instrument :

MSVOA_N

ClientSampleId :

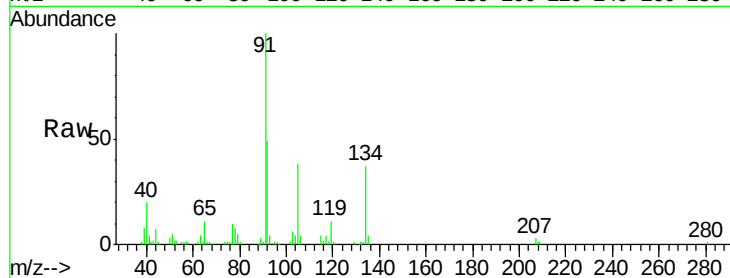
Tot Ion: 91 Resp: 49919

Ion Ratio Lower Upper

91 100

92 63.4 26.2 78.6

134 0.0 14.3 42.9#

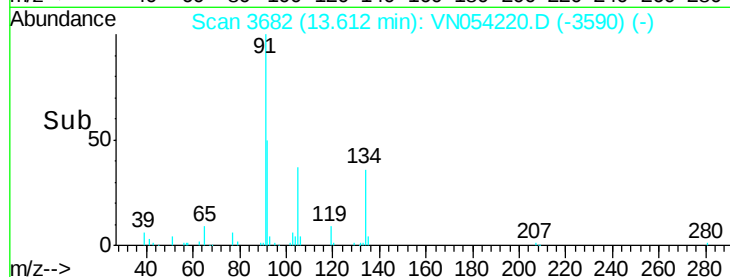


Abundance Ion 91.00 (90.70 to 91.70): VN054160.D (-3668) (-)

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

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

Time-->

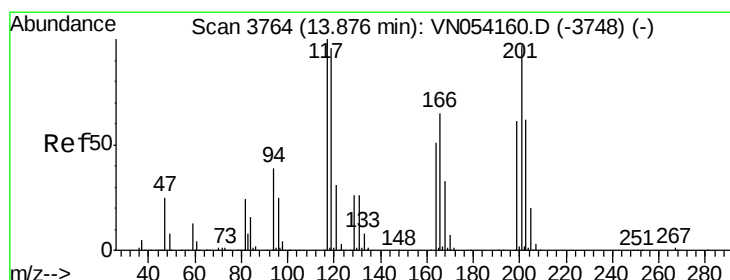


Abundance Ion 91.00 (90.70 to 91.70): VN054220.D (-3590) (-)

Ion 92.00 (91.70 to 92.70): VN054220.D (-3590) (-)

Ion 134.00 (133.70 to 134.70): VN054220.D (-3590) (-)

Time-->



#90

Hexachloroethane

Concen: 1.997 ug/l

RT: 13.89 min Scan# 3768

Delta R.T. 0.01 min

Lab File: VN054220.D

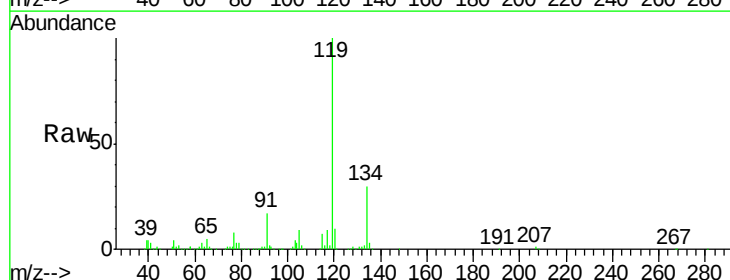
Acq: 13 Mar 2019 18:45

Tgt Ion: 117 Resp: 27582

Ion Ratio Lower Upper

117 100

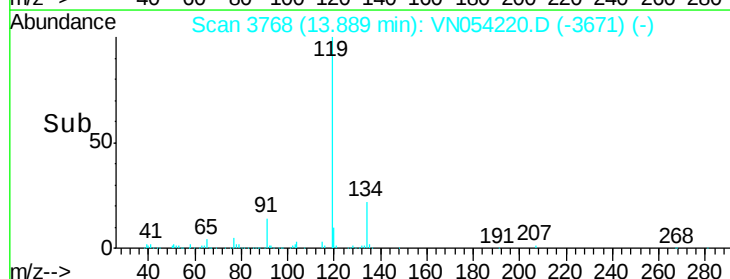
201 0.0 48.1 144.4#



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

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

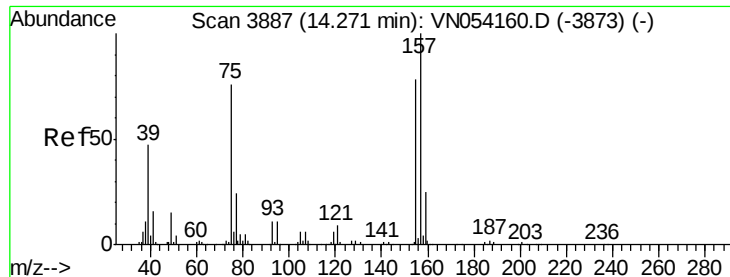
Time-->



Abundance Ion 116.80 (116.50 to 117.50): VN054220.D (-3671) (-)

Ion 200.70 (200.40 to 201.40): VN054220.D (-3671) (-)

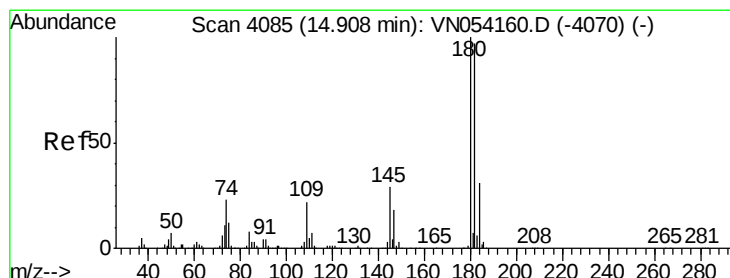
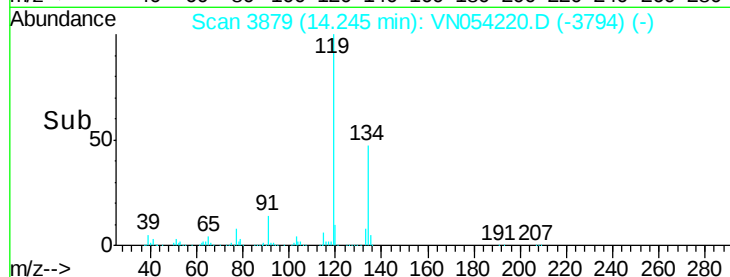
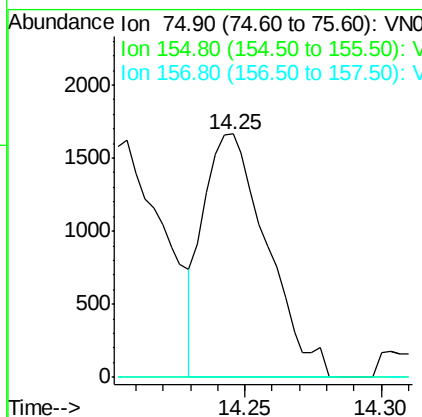
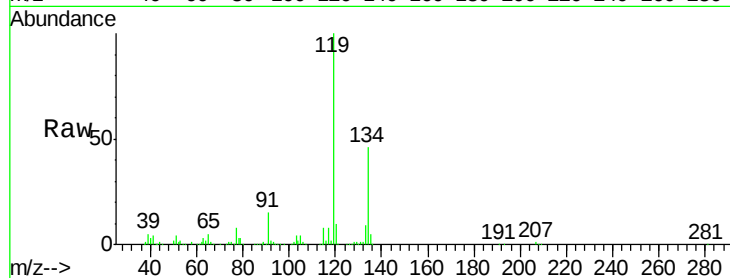
Time-->



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.852 ug/l
 RT: 14.25 min Scan# 3879
 Delta R.T. -0.03 min
 Lab File: VN054220.D
 Acq: 13 Mar 2019 18:45

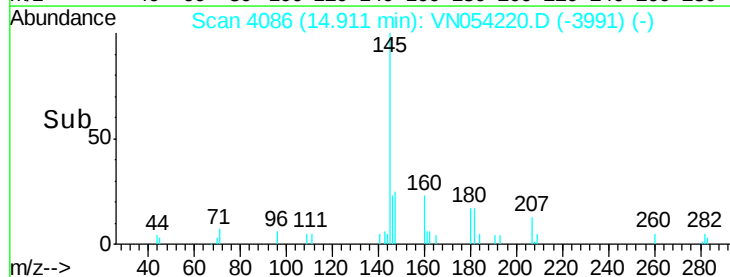
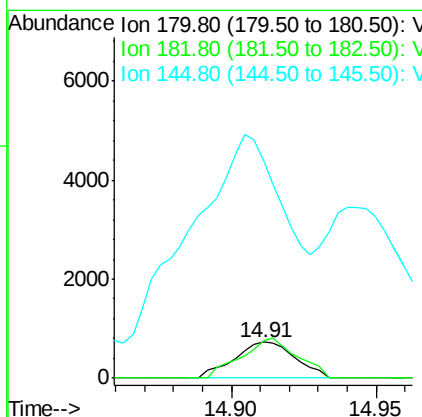
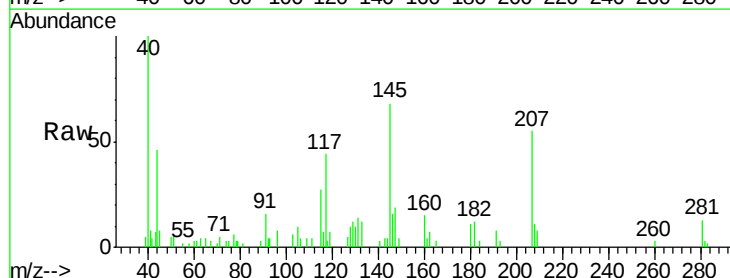
Instrument :
 MSVOA_N
 ClientSampled :

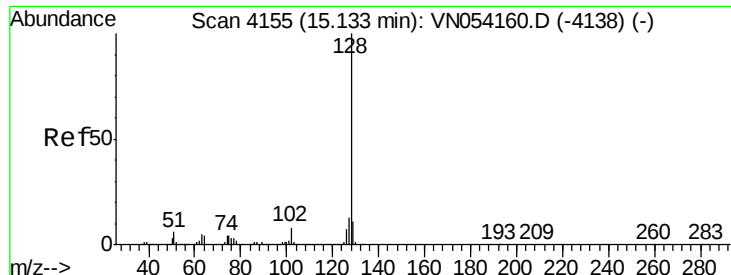
Tot Ion: 75 Resp: 2689
 Ion Ratio Lower Upper
 75 100
 155 0.0 50.1 150.3#
 157 0.0 63.1 189.3#



#93
 1,2,4-Trichlorobenzene
 Concen: 2.557 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. 0.00 min
 Lab File: VN054220.D
 Acq: 13 Mar 2019 18:45

Tgt Ion: 180 Resp: 1063
 Ion Ratio Lower Upper
 180 100
 182 100.2 48.0 144.2
 145 1148.9 14.2 42.8#

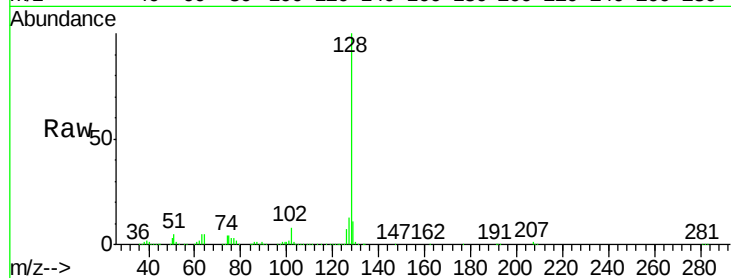




#95
Naphthalene
Concen: 25.630 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN054220.D
Acq: 13 Mar 2019 18:45

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:128 Resp: 1249789
Ion Ratio Lower Upper
128 100
127 12.9 10.1 15.1
129 10.9 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

