

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031319\
 Data File : VN054223.D
 Acq On : 13 Mar 2019 20:04
 Operator : JC/SP
 Sample : K1844-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Mar 14 05:20:58 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	1420350	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2315626	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2482369	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	1130945	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	752158	49.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.72%	
35) Dibromofluoromethane	7.59	113	708603	47.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.90%	
50) Toluene-d8	10.09	98	2884288	52.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.58%	
62) 4-Bromofluorobenzene	12.40	95	1152058	59.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	119.38%	

Target Compounds

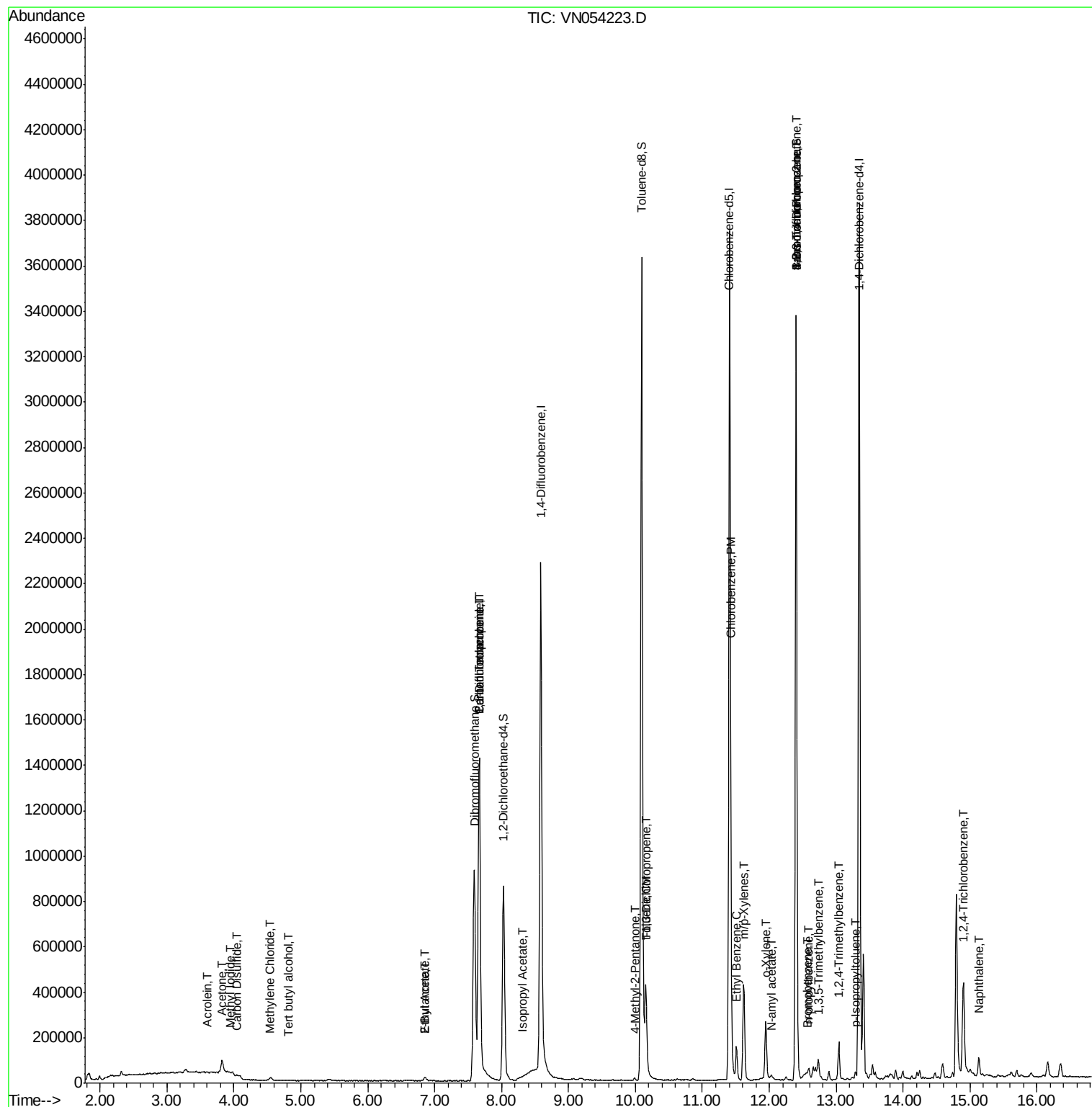
						Qvalue
10) Methyl Iodide	3.94	142	259	1.509	ug/l #	29
11) Tert butyl alcohol	4.82	59	659	0.637	ug/l #	70
13) Acrolein	3.61	56	413	0.421	ug/l #	57
16) Acetone	3.82	43	79660	18.444	ug/l	99
17) Carbon Disulfide	4.04	76	27186	0.735	ug/l	100
20) Methylene Chloride	4.55	84	9115	0.643	ug/l #	91
25) 2-Butanone	6.86	43	8622	1.701	ug/l	93
31) Cyclohexane	7.66	56	21057	Below Cal	#	1
36) 1,1-Dichloropropene	7.66	75	81433	3.819	ug/l #	48
37) Ethyl Acetate	6.86	43	8622	0.704	ug/l #	68
38) Carbon Tetrachloride	7.66	117	115376	5.159	ug/l #	16
43) Isopropyl Acetate	8.30	43	20426	0.950	ug/l #	60
51) 4-Methyl-2-Pentanone	9.99	43	6582	0.578	ug/l	99
52) Toluene	10.16	92	169751	4.387	ug/l	97
53) t-1,3-Dichloropropene	10.16	75	2026	2.069	ug/l #	1
65) Chlorobenzene	11.43	112	18594	0.341	ug/l	97
67) Ethyl Benzene	11.51	91	104559	1.157	ug/l	99
68) m/p-Xylenes	11.62	106	147301	4.171	ug/l	99
69) o-Xylene	11.95	106	74196	2.155	ug/l	98
71) Bromoform	12.40	173	7014	2.793	ug/l #	1
74) N-amyl acetate	12.03	43	9238	0.460	ug/l #	50
76) 1,2,3-Trichloropropane	12.40	75	552789	33.238	ug/l #	100
77) Bromobenzene	12.56	156	47734	1.994	ug/l #	1
78) n-propylbenzene	12.59	91	20486	0.209	ug/l	96
80) 1,3,5-Trimethylbenzene	12.73	105	31920	0.424	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.40	75	552789	113.624	ug/l #	11
84) 1,2,4-Trimethylbenzene	13.04	105	101123	1.370	ug/l	100
86) p-Isopropyltoluene	13.29	119	17027	0.216	ug/l	95
93) 1,2,4-Trichlorobenzene	14.91	180	989	2.556	ug/l #	40
95) Naphthalene	15.13	128	75030	4.877	ug/l	99

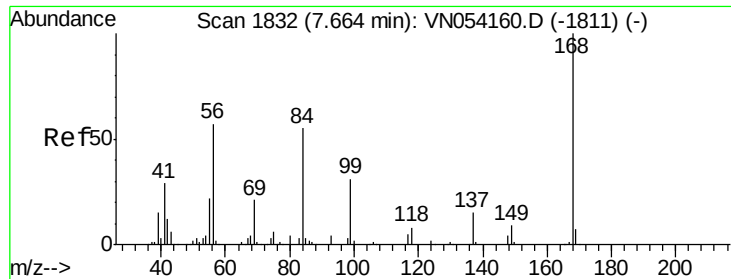
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN054223.D

Acq: 13 Mar 2019 20:04

Instrument :

MSVOA_N

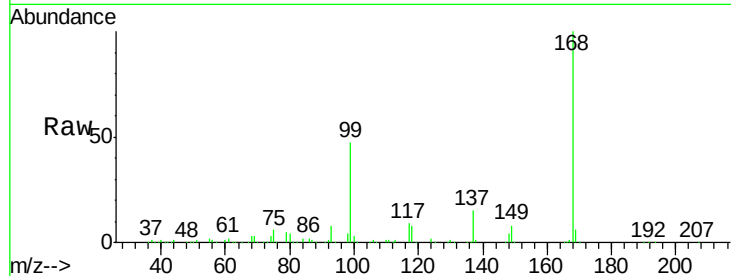
ClientSampleId :

Tot Ion:168 Resp: 1420350

Ion Ratio Lower Upper

168 100

99 47.0 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

600000

500000

400000

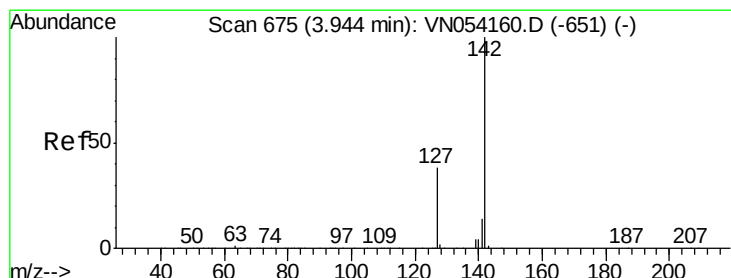
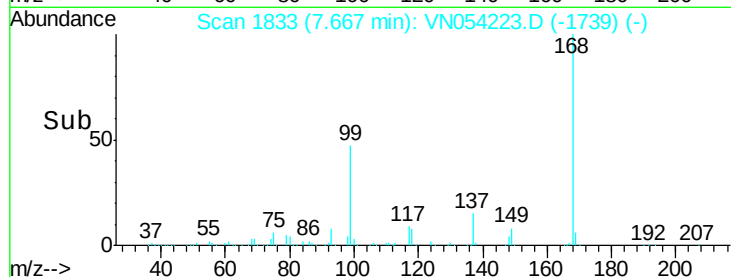
300000

200000

100000

0

Time-->



#10

Methyl Iodide

Concen: 1.509 ug/l

RT: 3.94 min Scan# 674

Delta R.T. -0.00 min

Lab File: VN054223.D

Acq: 13 Mar 2019 20:04

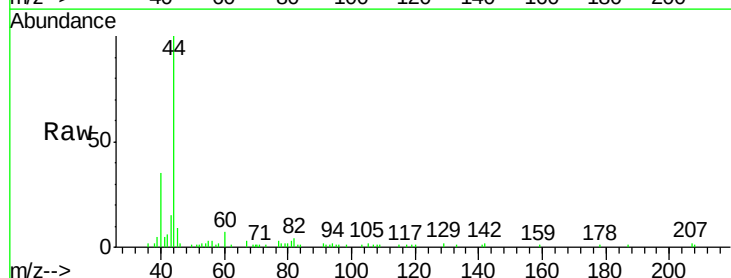
Tgt Ion:142 Resp: 259

Ion Ratio Lower Upper

142 100

127 26.6 30.3 45.5#

141 100.4 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

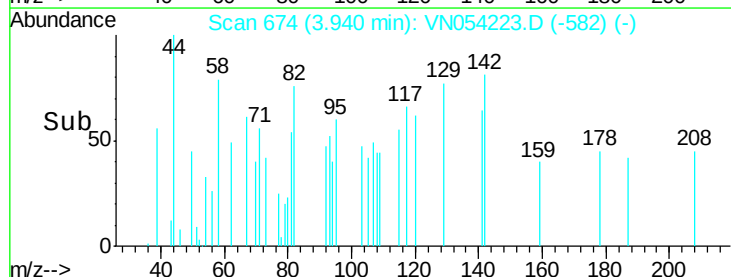
300

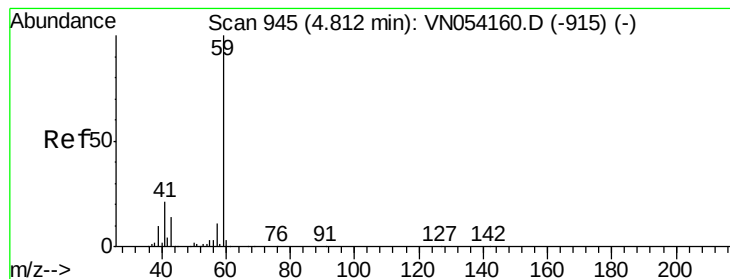
200

100

0

Time-->



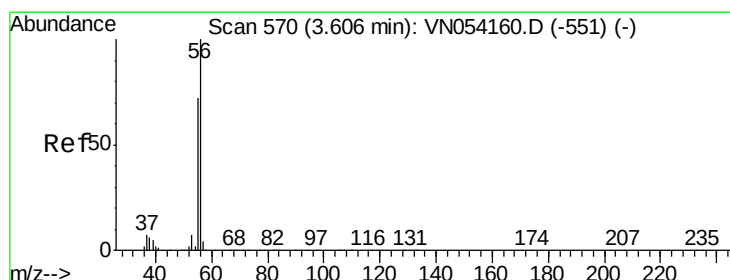
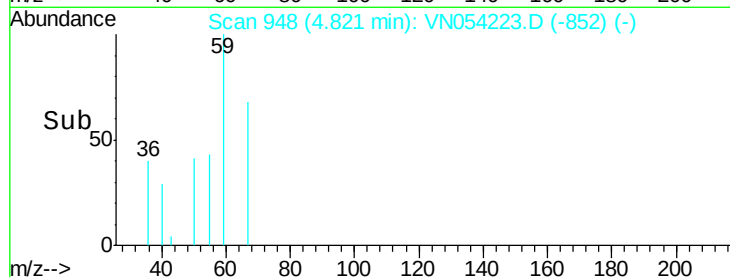
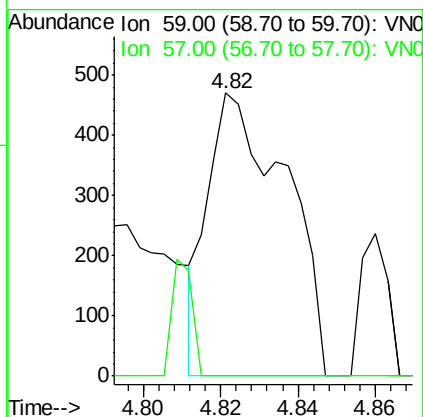
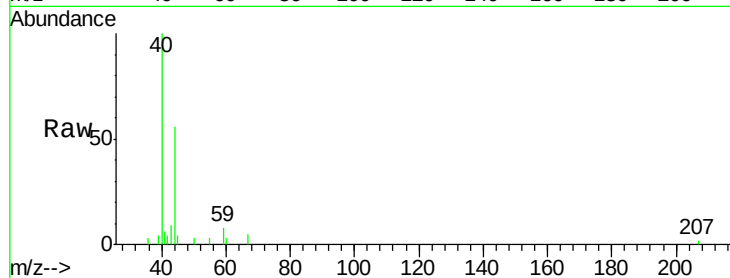


#11

Tert butyl alcohol
 Concen: 0.637 ug/l
 RT: 4.82 min Scan# 948
 Delta R.T. 0.01 min
 Lab File: VN054223.D
 Acq: 13 Mar 2019 20:04

Instrument :
 MSVOA_N
 ClientSampled :

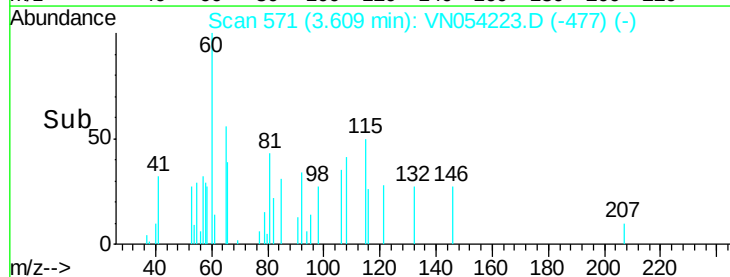
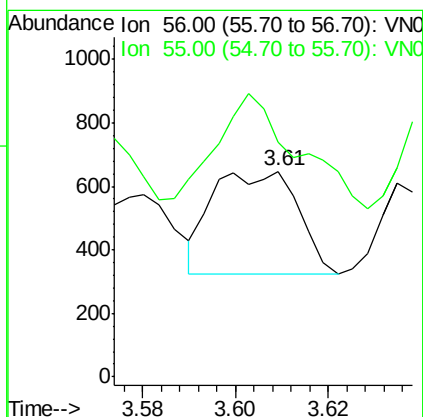
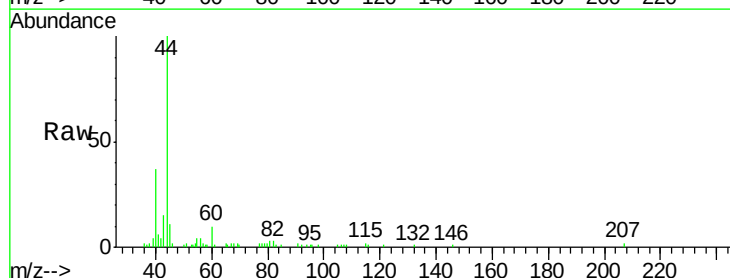
Tot Ion: 59 Resp: 659
 Ion Ratio Lower Upper
 59 100
 57 0.0 9.0 13.6#

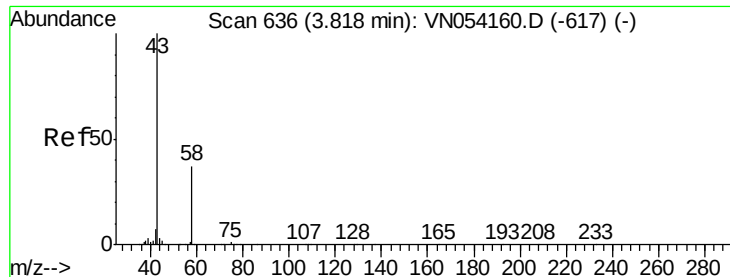


#13

Acrolein
 Concen: 0.421 ug/l
 RT: 3.61 min Scan# 571
 Delta R.T. 0.00 min
 Lab File: VN054223.D
 Acq: 13 Mar 2019 20:04

Tgt Ion: 56 Resp: 413
 Ion Ratio Lower Upper
 56 100
 55 106.8 56.7 85.1#





#16

Acetone

Concen: 18.444 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN054223.D

Acq: 13 Mar 2019 20:04

Instrument :

MSVOA_N

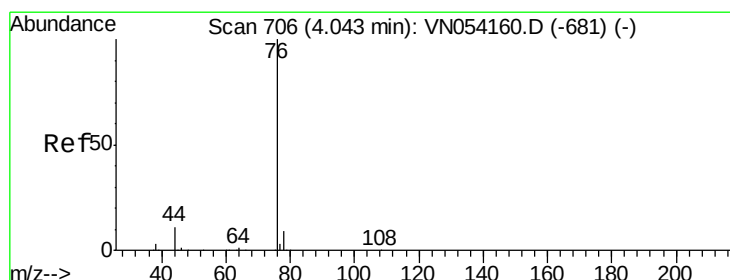
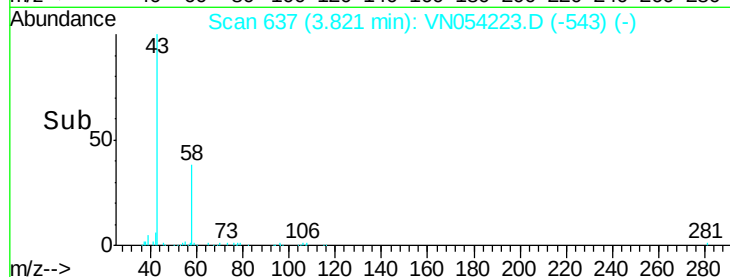
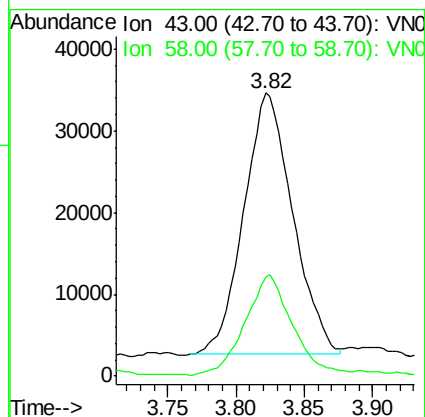
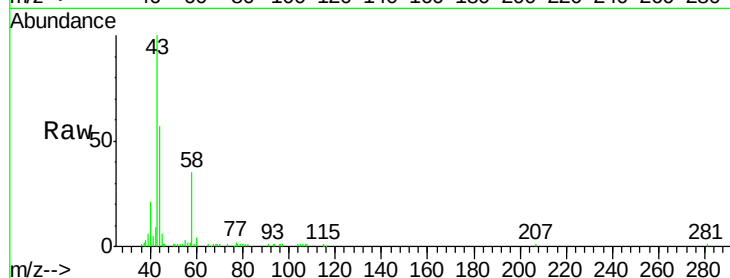
ClientSampleId :

Tot Ion: 43 Resp: 79660

Ion Ratio Lower Upper

43 100

58 38.0 29.9 44.9



#17

Carbon Disulfide

Concen: 0.735 ug/l

RT: 4.04 min Scan# 706

Delta R.T. -0.00 min

Lab File: VN054223.D

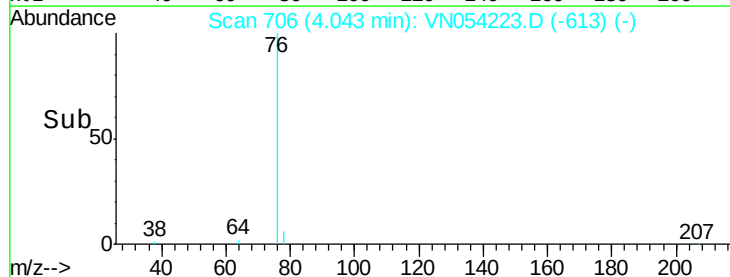
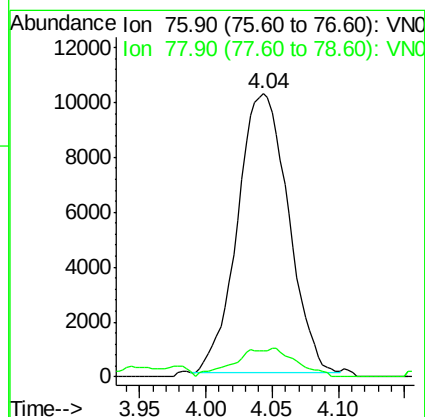
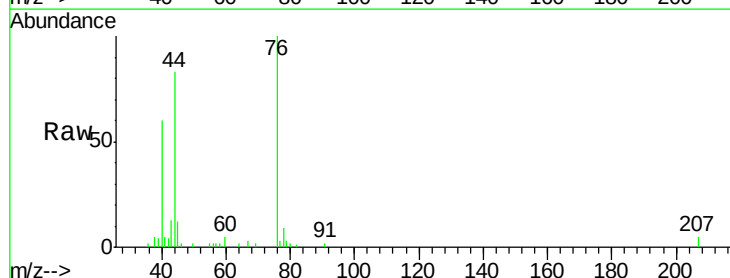
Acq: 13 Mar 2019 20:04

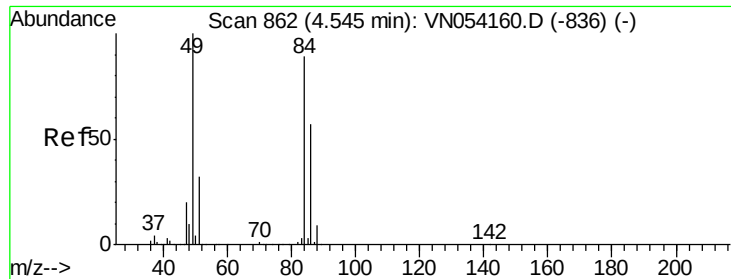
Tgt Ion: 76 Resp: 27186

Ion Ratio Lower Upper

76 100

78 9.4 7.5 11.3

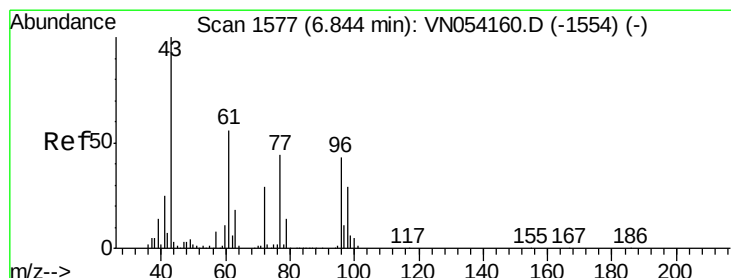
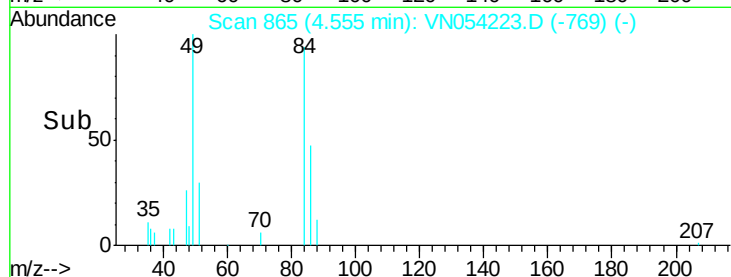
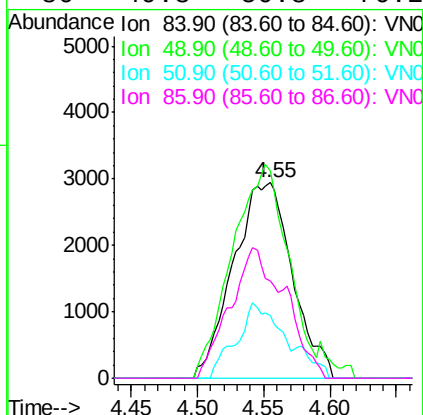
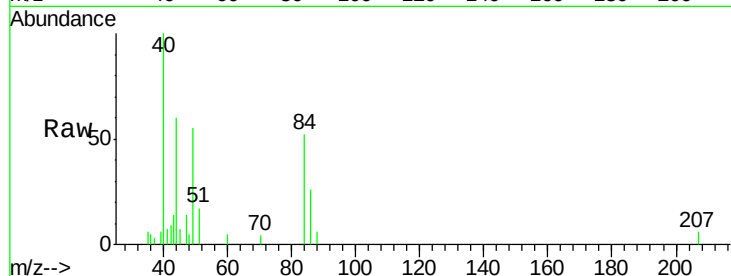




#20
Methvlene Chloride
Concen: 0.643 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.01 min
Lab File: VN054223.D
Acq: 13 Mar 2019 20:04

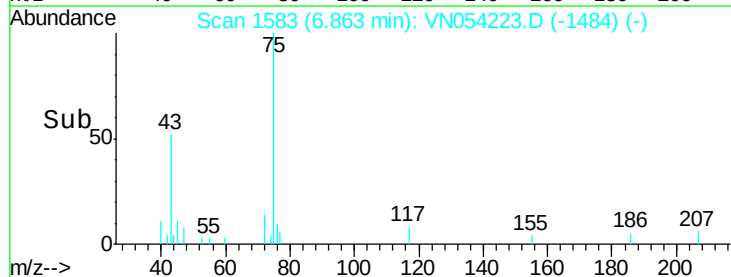
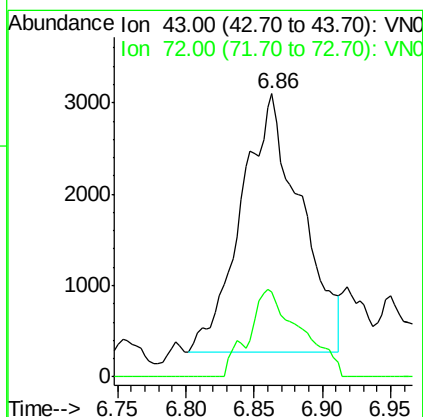
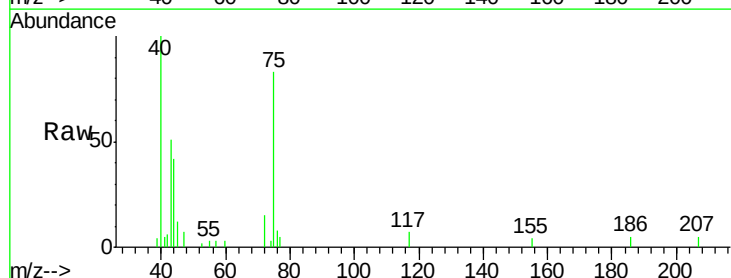
Instrument :
MSVOA_N
ClientSampleId :

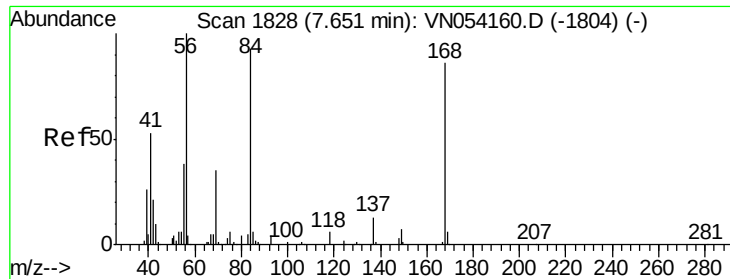
Tot Ion: 84 Resp: 9115
Ion Ratio Lower Upper
84 100
49 106.0 89.7 134.5
51 32.1 28.2 42.4
86 49.8 50.8 76.2#



#25
2-Butanone
Concen: 1.701 ug/l
RT: 6.86 min Scan# 1583
Delta R.T. 0.02 min
Lab File: VN054223.D
Acq: 13 Mar 2019 20:04

Tgt Ion: 43 Resp: 8622
Ion Ratio Lower Upper
43 100
72 32.7 23.0 34.6

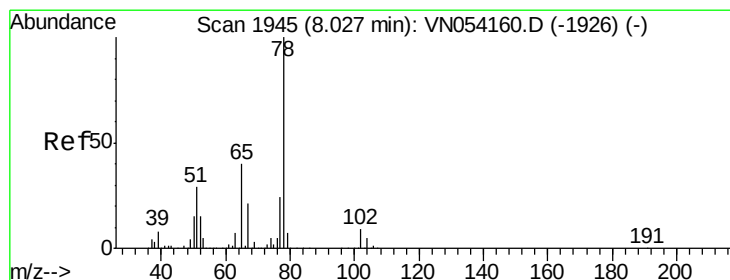
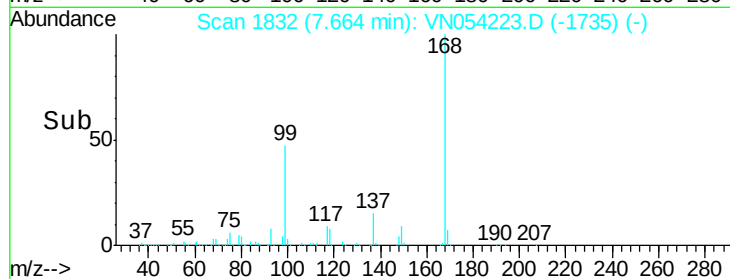
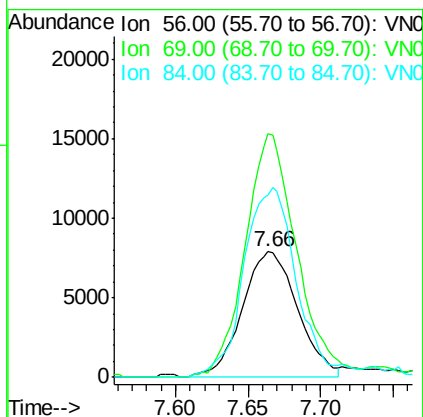
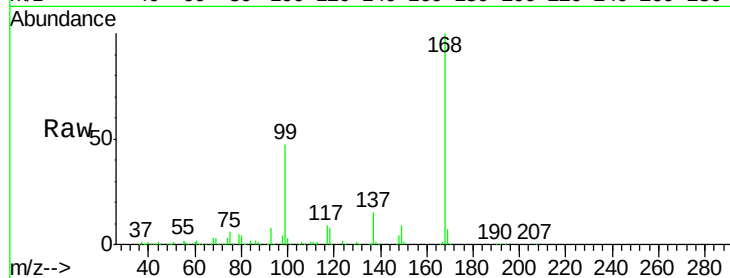




#31
Cyclohexane
Concen: Below Cal
RT: 7.66 min Scan# 1832
Delta R.T. 0.01 min
Lab File: VN054223.D
Acq: 13 Mar 2019 20:04

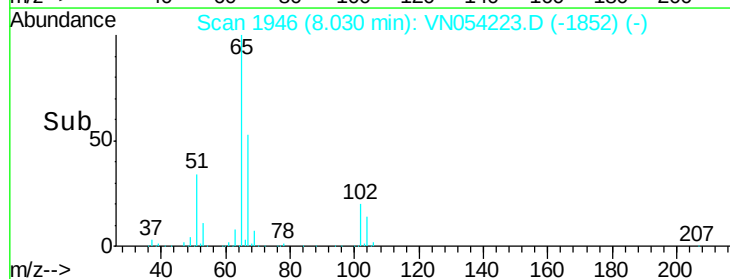
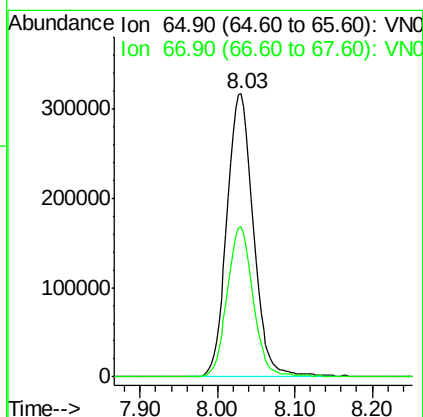
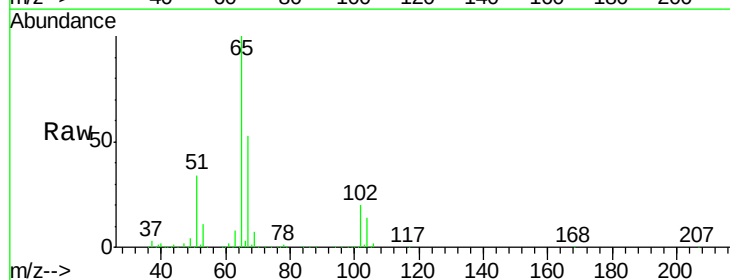
Instrument :
MSVOA_N
ClientSampled :

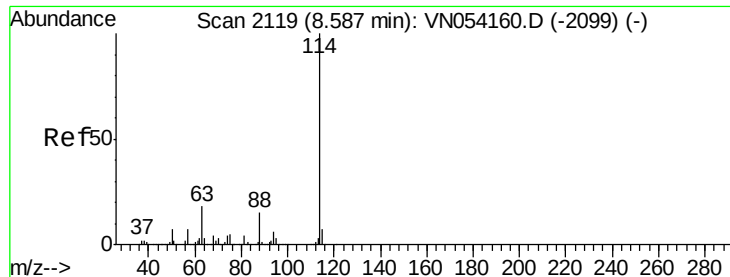
Tot Ion: 56 Resp: 21057
Ion Ratio Lower Upper
56 100
69 194.3 27.8 41.6#
84 145.9 74.6 111.8#



#33
1,2-Dichloroethane-d4
Concen: 49.864 ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN054223.D
Acq: 13 Mar 2019 20:04

Tgt Ion: 65 Resp: 752158
Ion Ratio Lower Upper
65 100
67 51.8 0.0 104.6

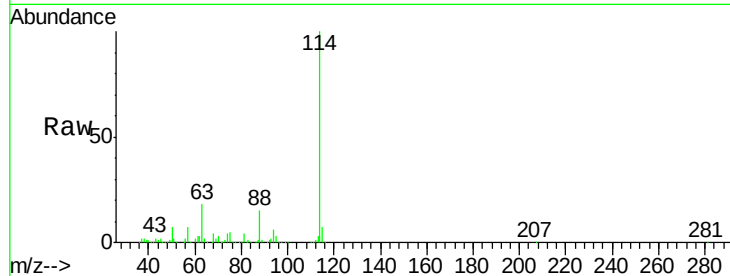




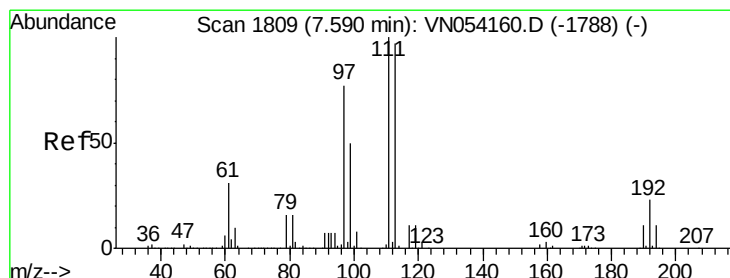
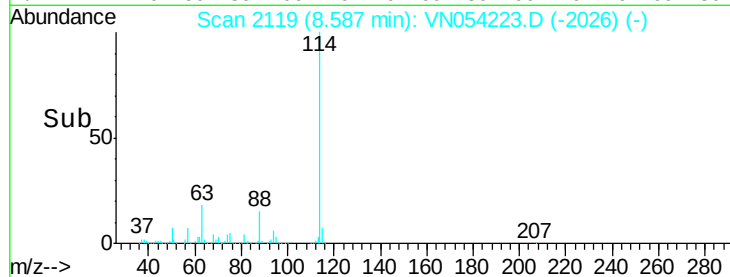
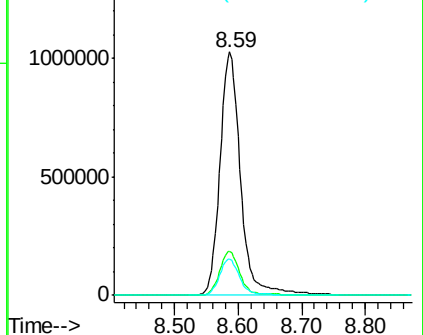
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN054223.D
 Acq: 13 Mar 2019 20:04

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:114 Resp: 2315626
 Ion Ratio Lower Upper
 114 100
 63 18.2 0.0 35.2
 88 14.8 0.0 30.2

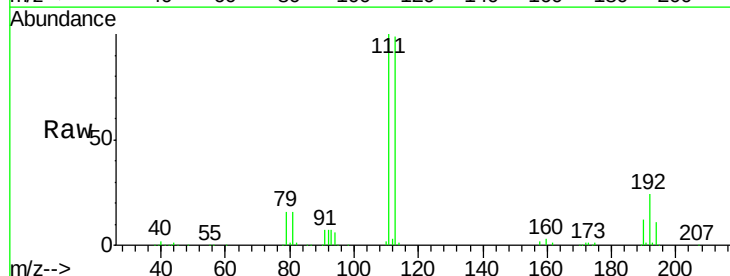


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

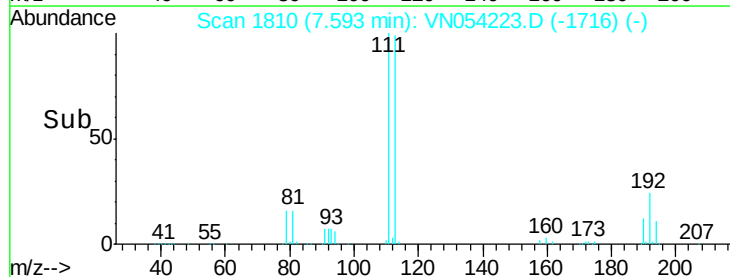
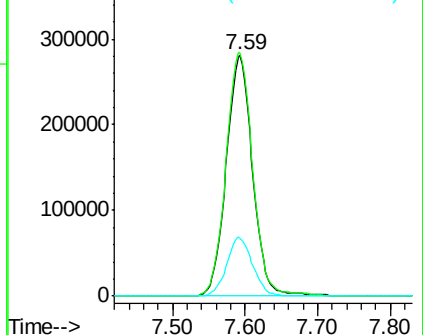


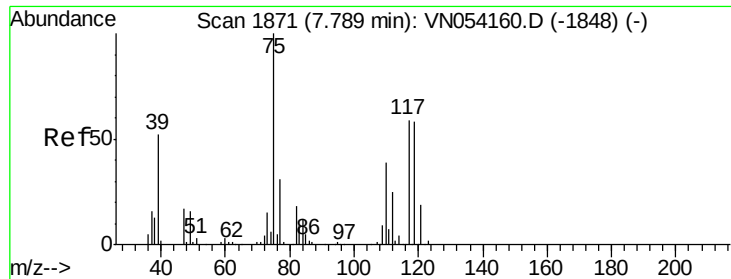
#35
 Dibromofluoromethane
 Concen: 47.446 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN054223.D
 Acq: 13 Mar 2019 20:04

Tgt Ion:113 Resp: 708603
 Ion Ratio Lower Upper
 113 100
 111 102.7 82.2 123.4
 192 24.1 19.2 28.8



Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

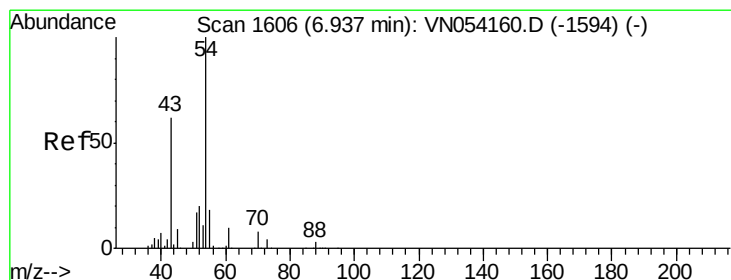
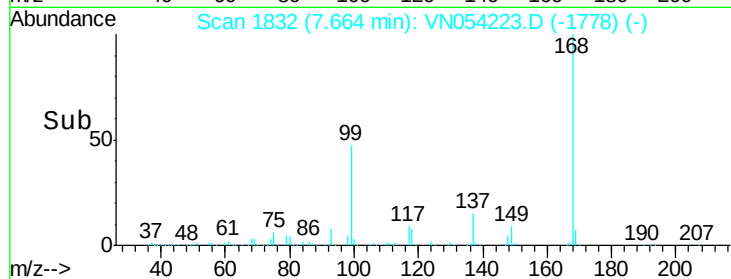
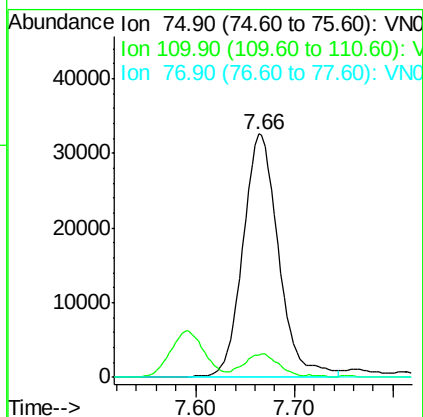
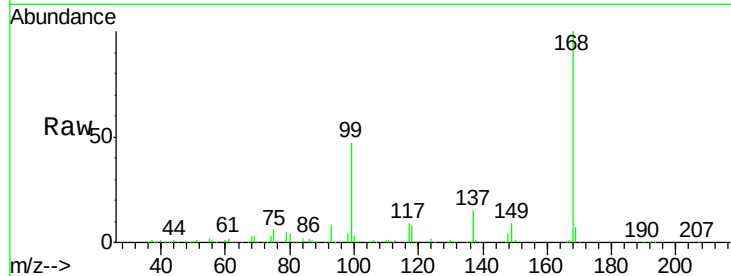




#36
 1,1-Dichloropropene
 Concen: 3.819 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.13 min
 Lab File: VN054223.D
 Acq: 13 Mar 2019 20:04

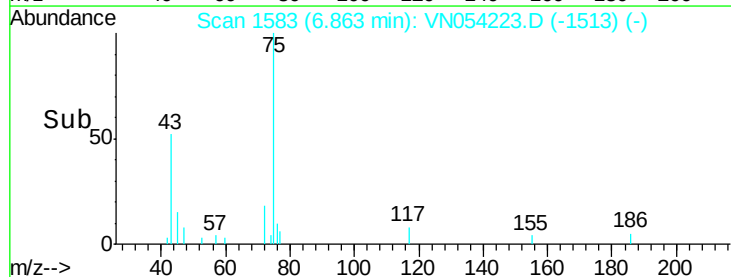
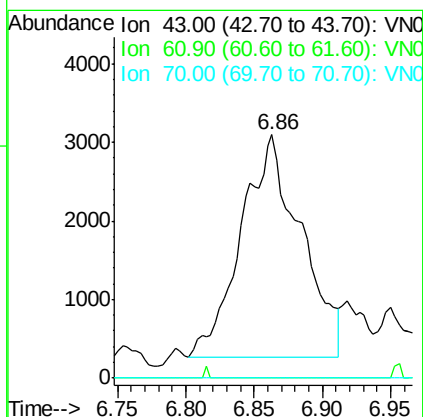
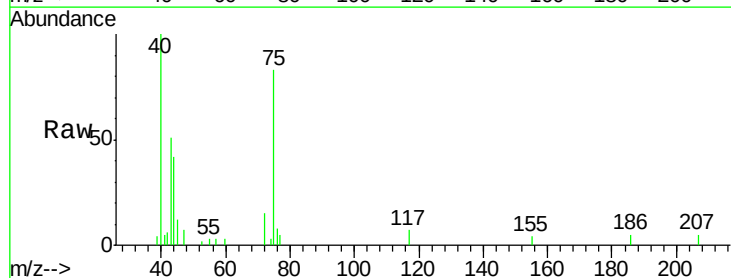
Instrument :
 MSVOA_N
 ClientSampleId :

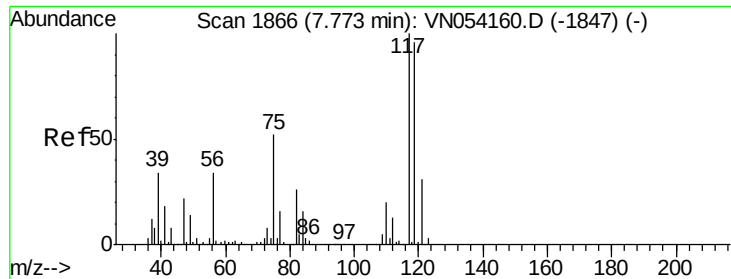
Tot Ion	75	Resp	81433
Ion Ratio	100	Lower	Upper
75	100		
110	9.6	19.1	57.5#
77	0.0	25.0	37.4#



#37
 Ethyl Acetate
 Concen: 0.704 ug/l
 RT: 6.86 min Scan# 1583
 Delta R.T. -0.07 min
 Lab File: VN054223.D
 Acq: 13 Mar 2019 20:04

Tgt Ion	43	Resp	8622
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
43	100		
61	0.0	11.8	17.6#
70	0.0	8.4	12.6#





#38

Carbon Tetrachloride

Concen: 5.159 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.11 min

Lab File: VN054223.D

Acq: 13 Mar 2019 20:04

Instrument :

MSVOA_N

ClientSampled :

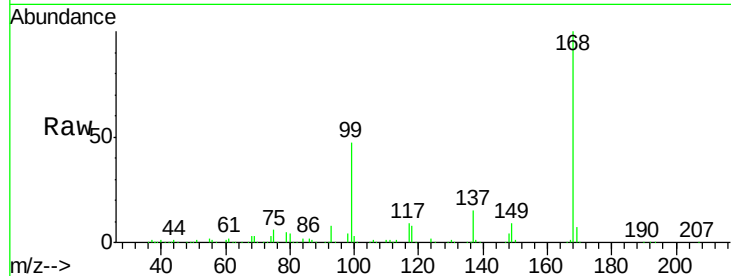
Tot Ion:117 Resp: 115376

Ion Ratio Lower Upper

117 100

119 4.4 76.3 114.5#

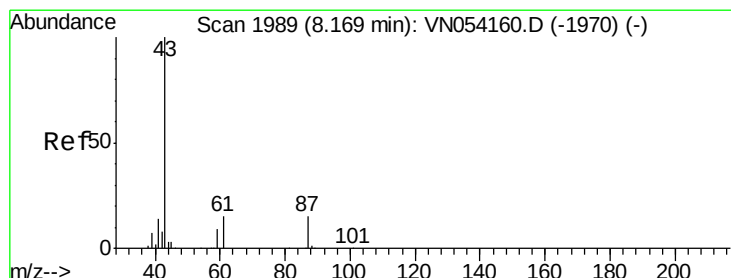
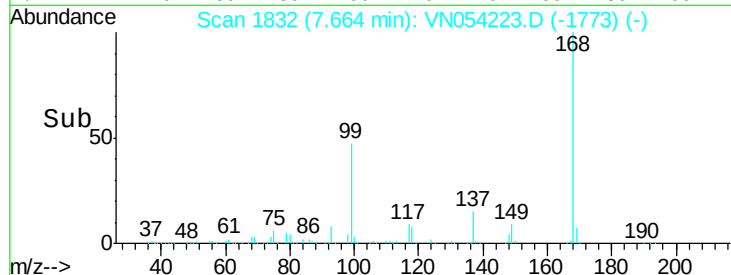
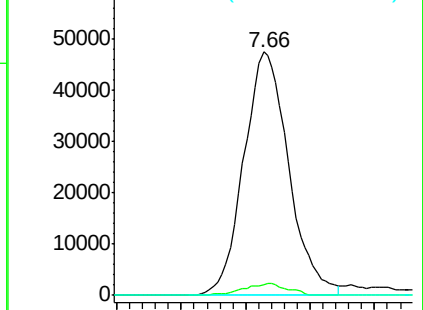
121 0.0 24.6 36.8#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#43

Isopropyl Acetate

Concen: 0.950 ug/l

RT: 8.30 min Scan# 2030

Delta R.T. 0.13 min

Lab File: VN054223.D

Acq: 13 Mar 2019 20:04

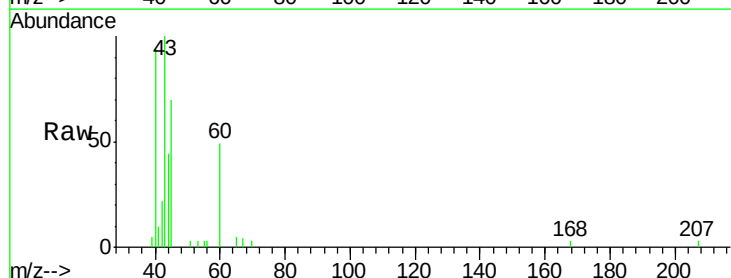
Tgt Ion: 43 Resp: 20426

Ion Ratio Lower Upper

43 100

61 0.0 15.8 23.8#

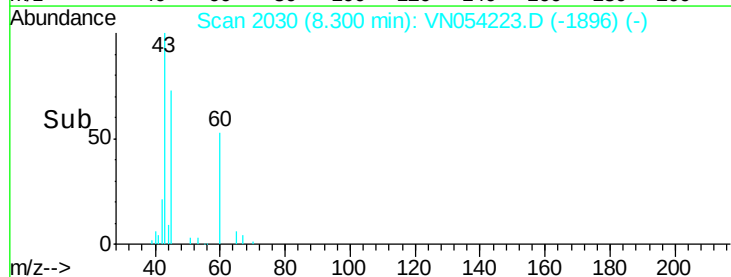
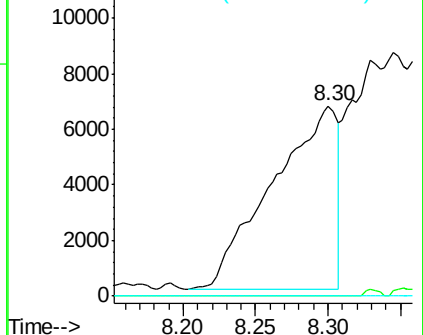
87 0.0 12.0 18.0#

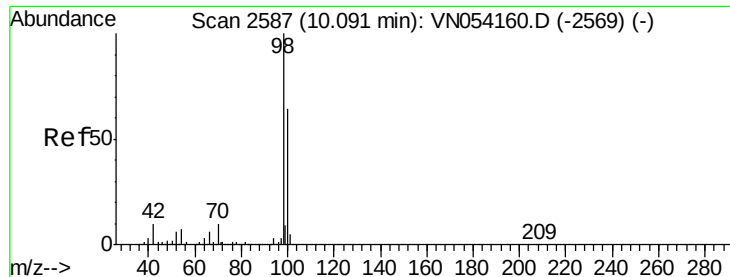


Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 61.00 (60.70 to 61.70): VNO

Ion 87.00 (86.70 to 87.70): VNO





#50

Toluene-d8

Concen: 52.293 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN054223.D

Acq: 13 Mar 2019 20:04

Instrument :

MSVOA_N

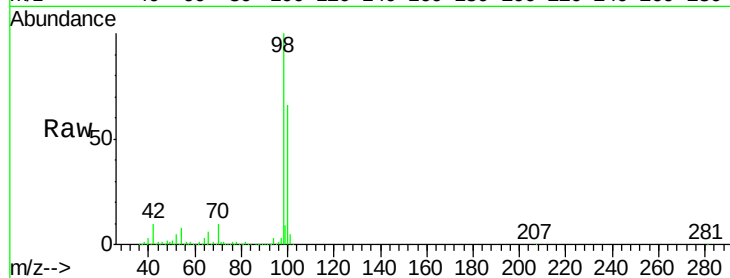
ClientSampleId :

Tot Ion: 98 Resp: 2884288

Ion Ratio Lower Upper

98 100

100 64.6 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN054223.D (-2494) (-)

Ion 100.00 (99.70 to 100.70): VN054223.D (-2494) (-)

10.09

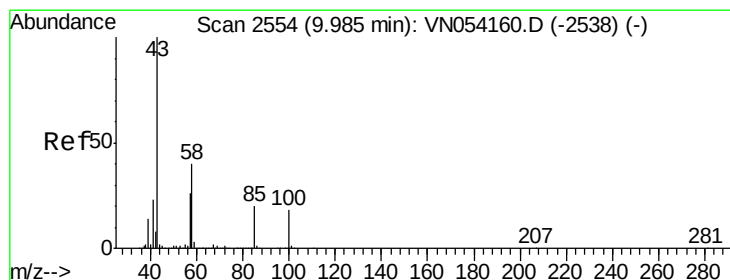
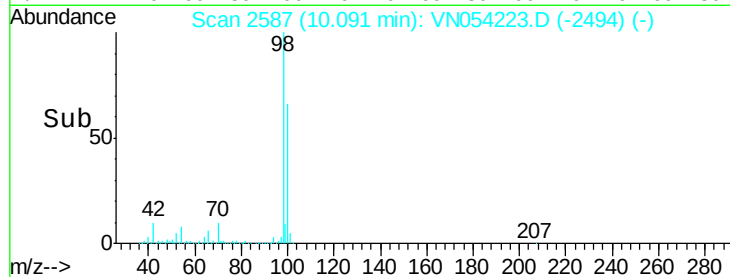
1500000

1000000

500000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 0.578 ug/l

RT: 9.99 min Scan# 2555

Delta R.T. 0.00 min

Lab File: VN054223.D

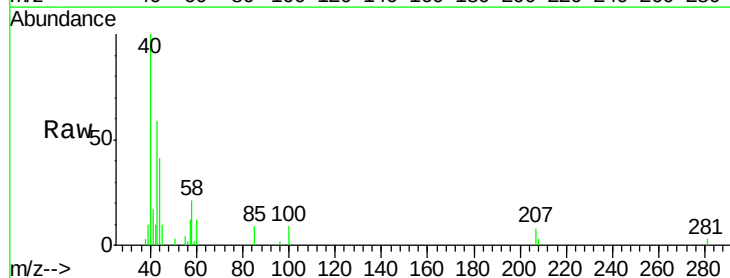
Acq: 13 Mar 2019 20:04

Tgt Ion: 43 Resp: 6582

Ion Ratio Lower Upper

43 100

58 38.9 31.8 47.6



Abundance Ion 43.00 (42.70 to 43.70): VN054223.D (-2461) (-)

Ion 58.00 (57.70 to 58.70): VN054223.D (-2461) (-)

9.99

10000

8000

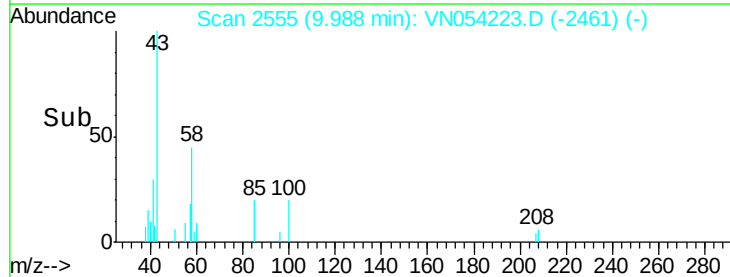
6000

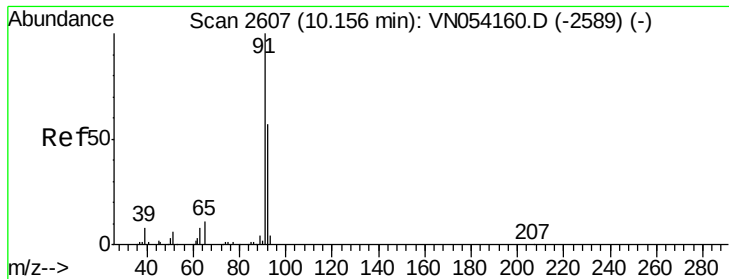
4000

2000

0

Time-->





#52

Toluene

Concen: 4.387 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN054223.D

Acq: 13 Mar 2019 20:04

Instrument :

MSVOA_N

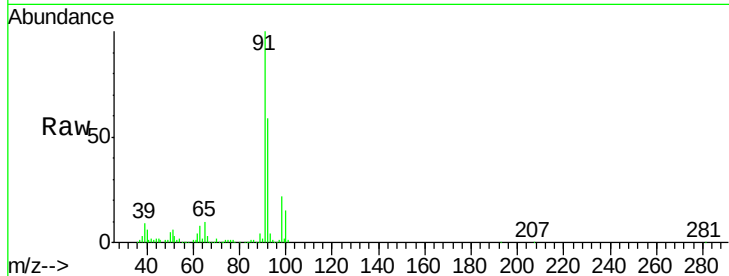
ClientSampleId :

Tot Ion: 92 Resp: 169751

Ion Ratio Lower Upper

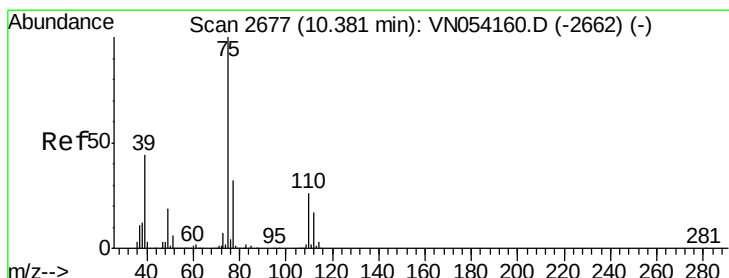
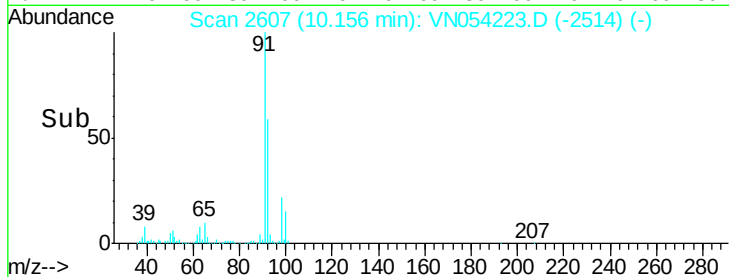
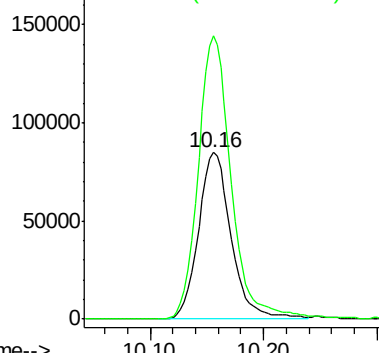
92 100

91 172.2 140.7 211.1



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0



#53

t-1,3-Dichloropropene

Concen: 2.069 ug/l

RT: 10.16 min Scan# 2608

Delta R.T. -0.22 min

Lab File: VN054223.D

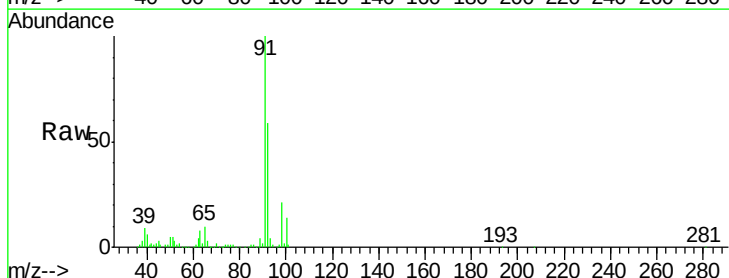
Acq: 13 Mar 2019 20:04

Tgt Ion: 75 Resp: 2026

Ion Ratio Lower Upper

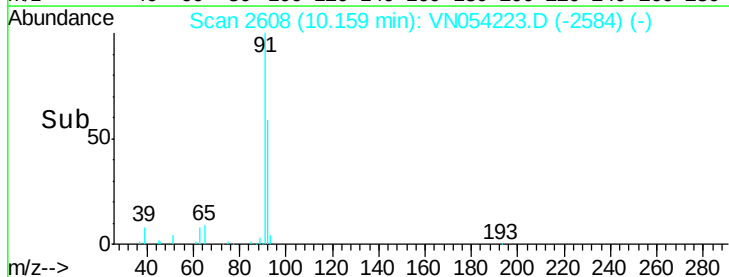
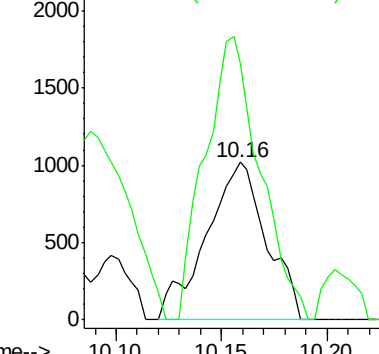
75 100

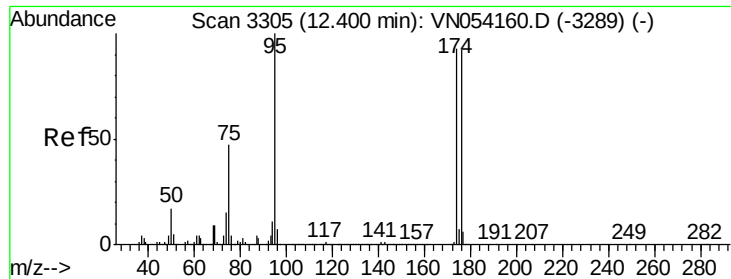
77 162.8 25.8 38.8#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0





#62

4-Bromofluorobenzene

Concen: 59.694 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN054223.D

Acq: 13 Mar 2019 20:04

Instrument :

MSVOA_N

ClientSampled :

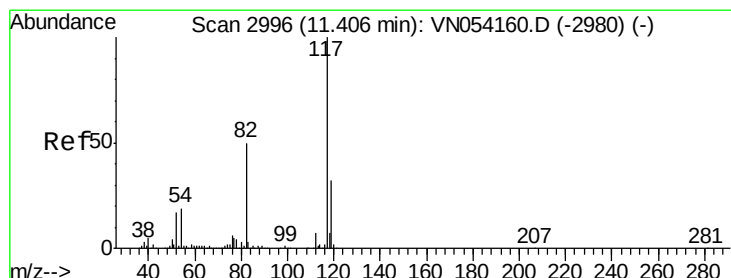
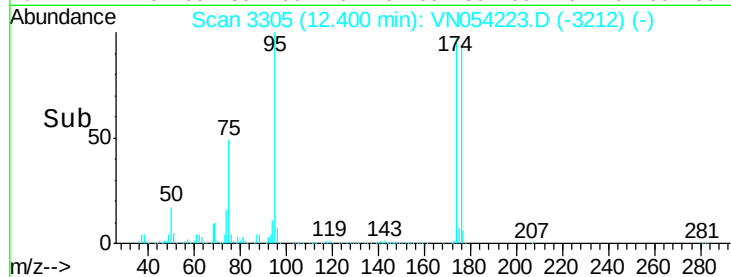
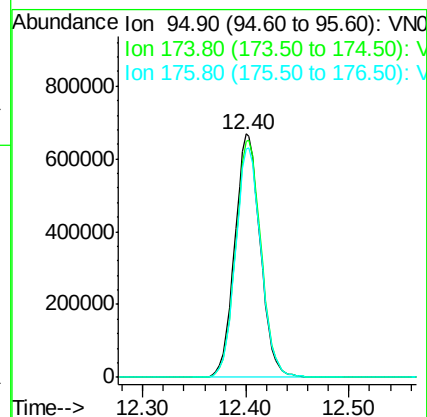
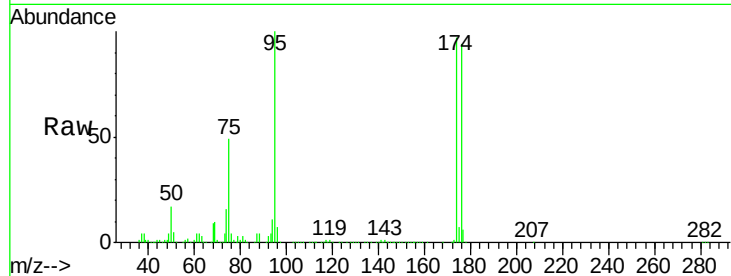
Tot Ion: 95 Resp: 1152058

Ion Ratio Lower Upper

95 100

174 97.3 0.0 191.0

176 94.3 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: VN054223.D

Acq: 13 Mar 2019 20:04

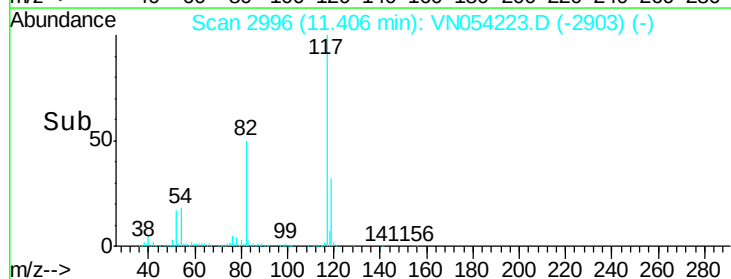
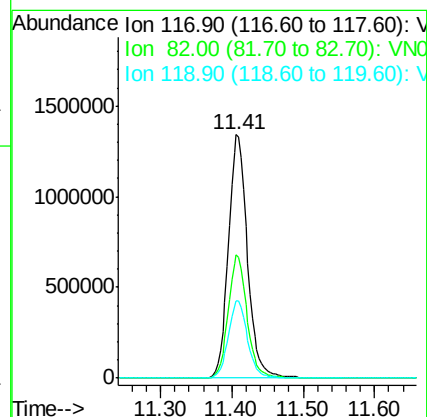
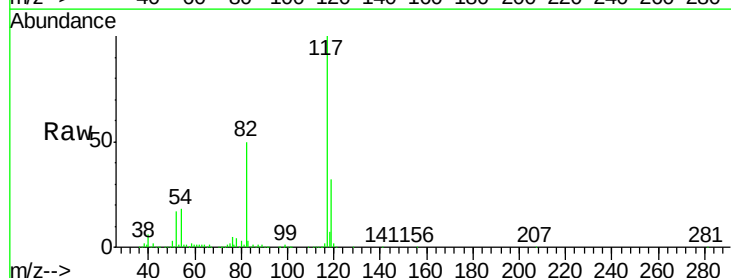
Tgt Ion: 117 Resp: 2482369

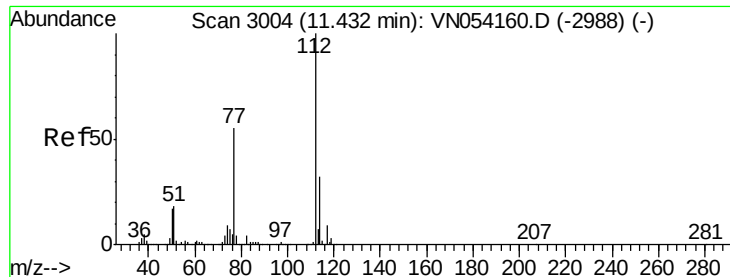
Ion Ratio Lower Upper

117 100

82 50.5 40.0 60.0

119 32.0 25.8 38.6





#65

Chlorobenzene

Concen: 0.341 ug/l

RT: 11.43 min Scan# 3004

Delta R.T. -0.00 min

Lab File: VN054223.D

Acq: 13 Mar 2019 20:04

Instrument :

MSVOA_N

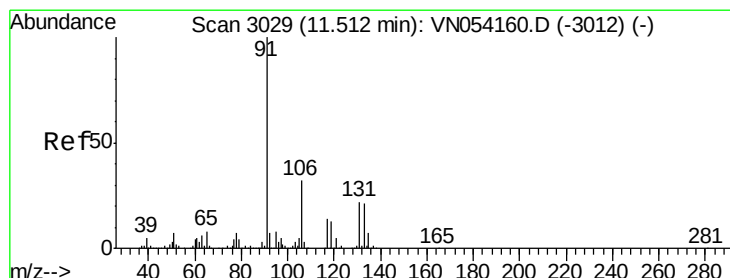
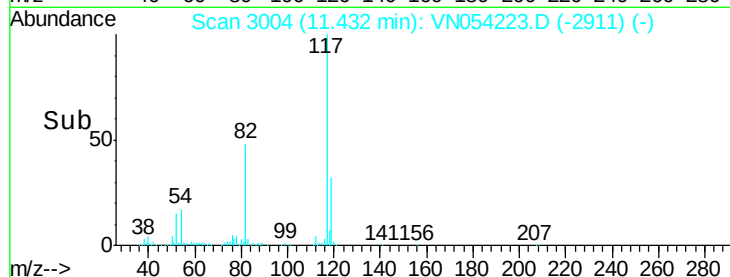
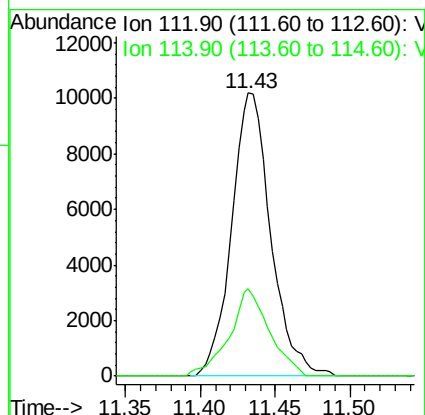
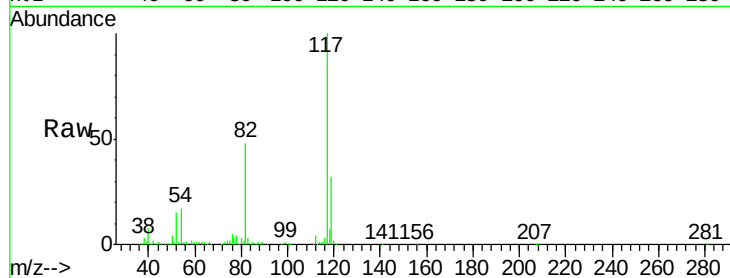
ClientSampleId :

Tot Ion:112 Resp: 18594

Ion Ratio Lower Upper

112 100

114 30.8 25.9 38.9



#67

Ethyl Benzene

Concen: 1.157 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. -0.00 min

Lab File: VN054223.D

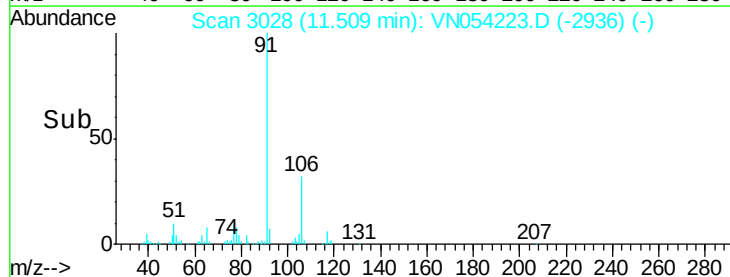
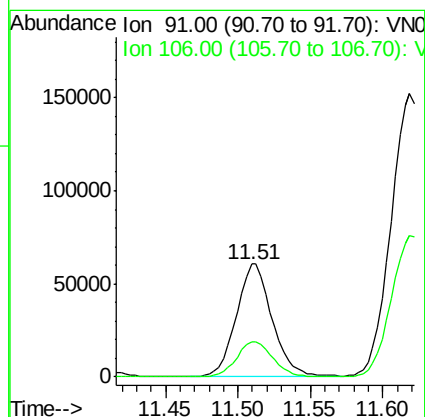
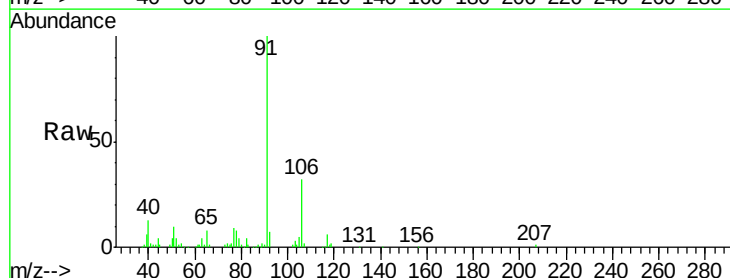
Acq: 13 Mar 2019 20:04

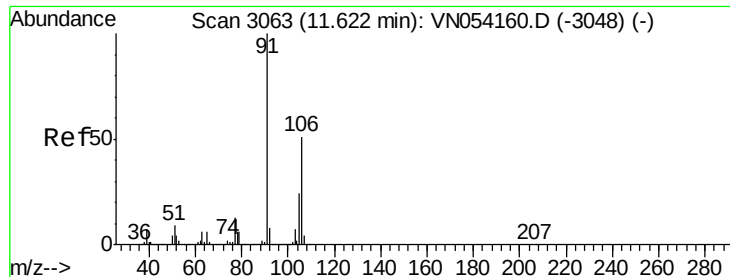
Tgt Ion: 91 Resp: 104559

Ion Ratio Lower Upper

91 100

106 31.6 25.5 38.3

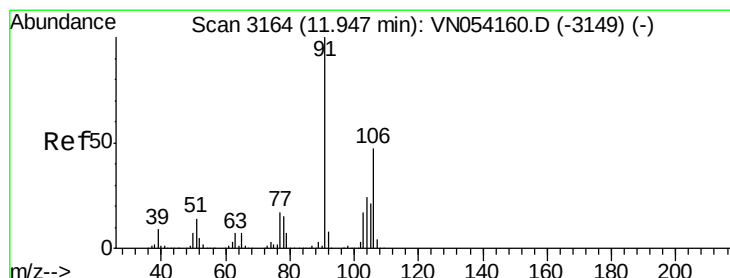
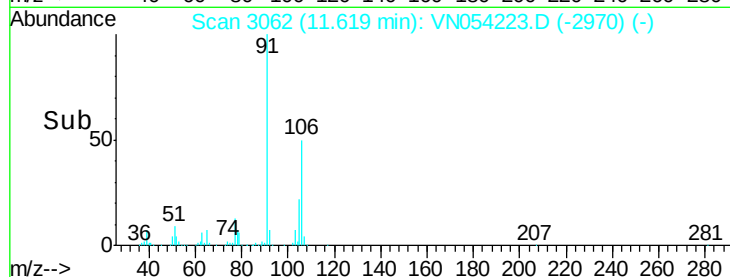
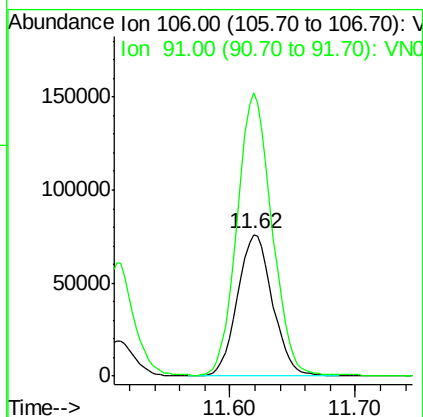
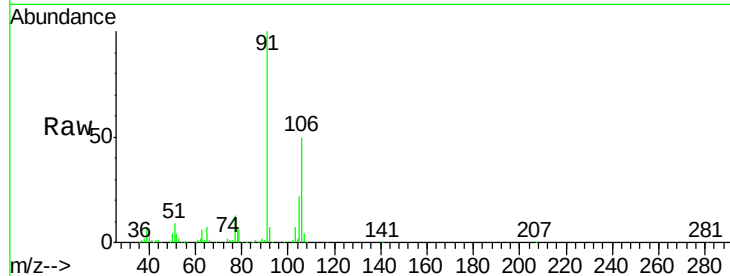




#68
m/p-Xylenes
Concen: 4.171 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN054223.D
Acq: 13 Mar 2019 20:04

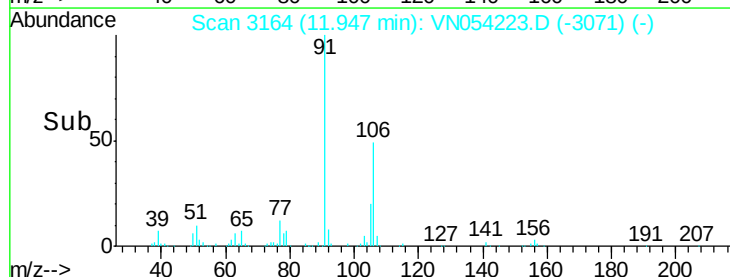
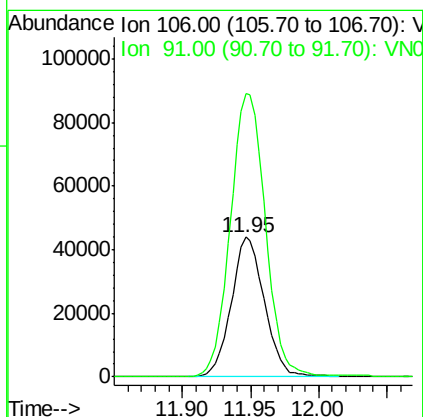
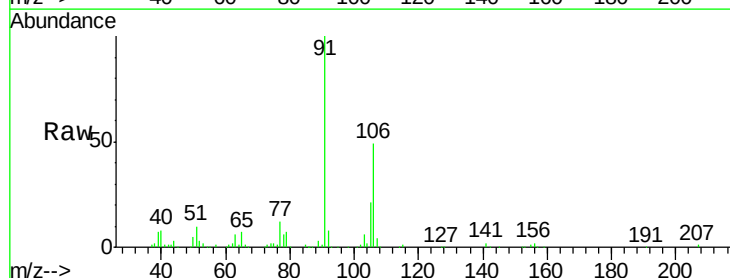
Instrument :
MSVOA_N
ClientSampled :

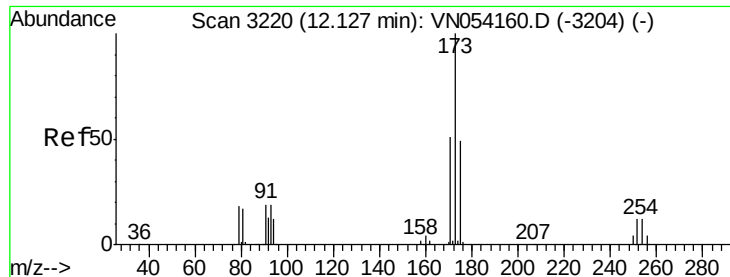
Tot Ion:106 Resp: 147301
Ion Ratio Lower Upper
106 100
91 197.4 159.4 239.2



#69
o-Xylene
Concen: 2.155 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN054223.D
Acq: 13 Mar 2019 20:04

Tgt Ion:106 Resp: 74196
Ion Ratio Lower Upper
106 100
91 213.8 105.7 317.1

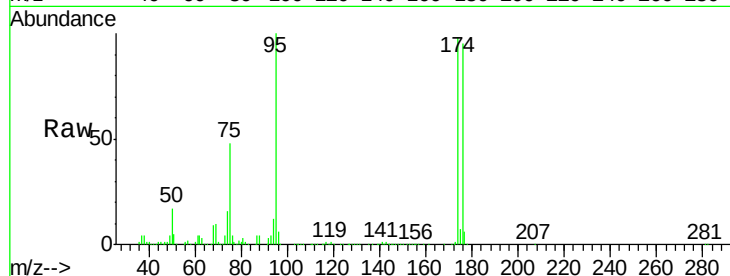




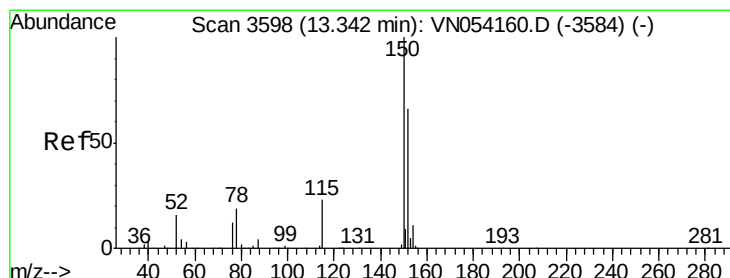
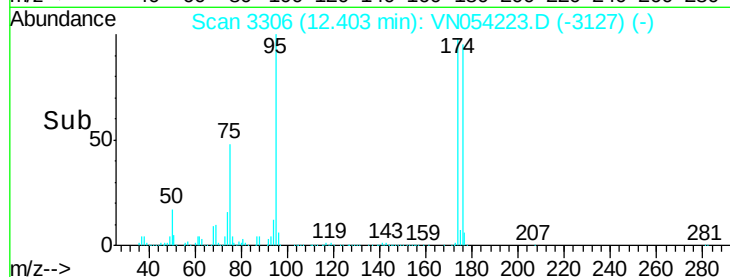
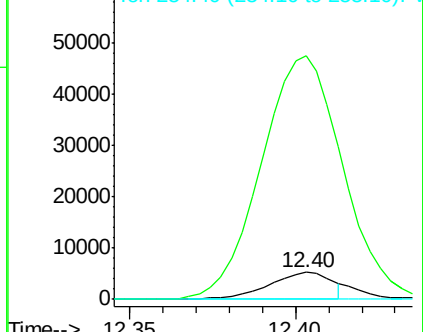
#71
Bromoform
Concen: 2.793 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.28 min
Lab File: VN054223.D
Acq: 13 Mar 2019 20:04

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:173 Resp: 7014
Ion Ratio Lower Upper
173 100
175 999.6 24.4 73.2#
254 0.0 0.1 0.1#

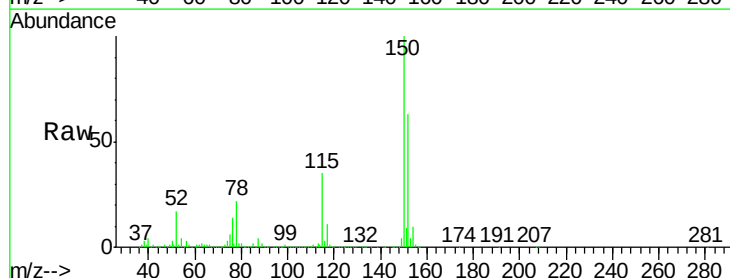


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

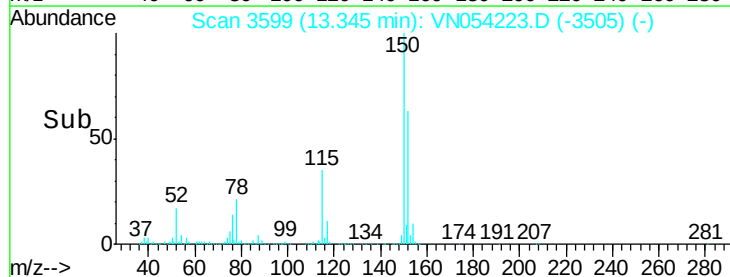
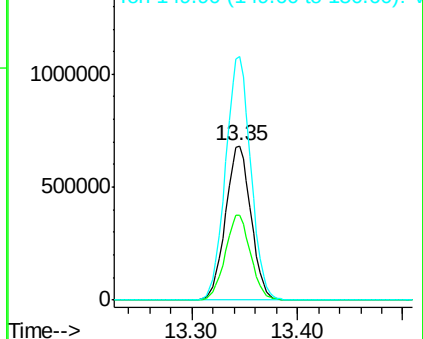


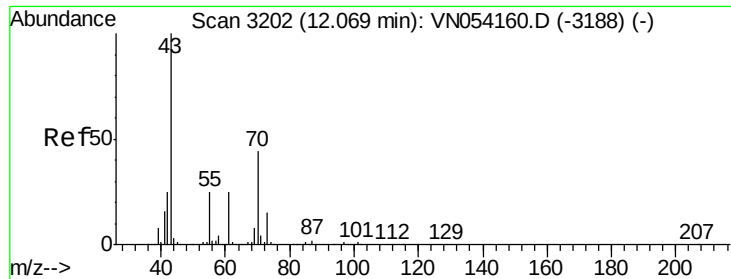
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN054223.D
Acq: 13 Mar 2019 20:04

Tgt Ion:152 Resp: 1130945
Ion Ratio Lower Upper
152 100
115 54.7 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

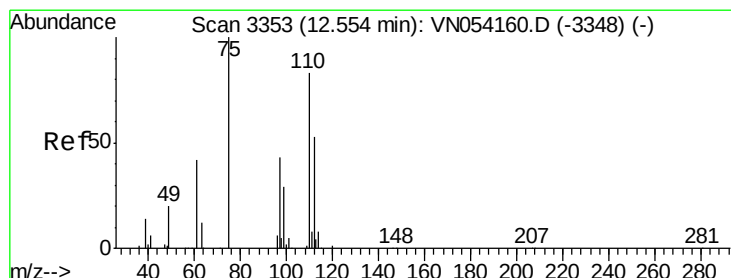
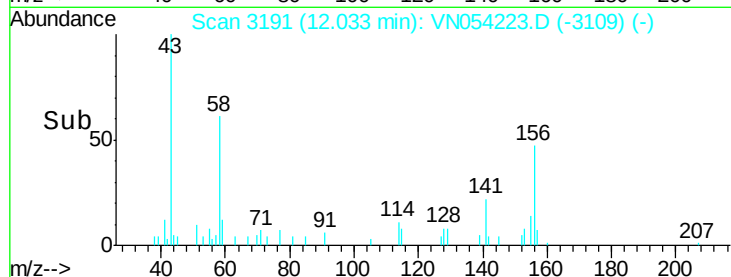
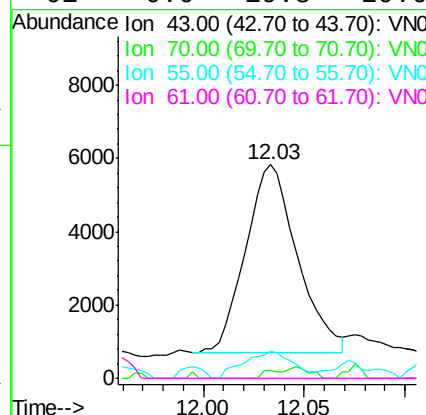
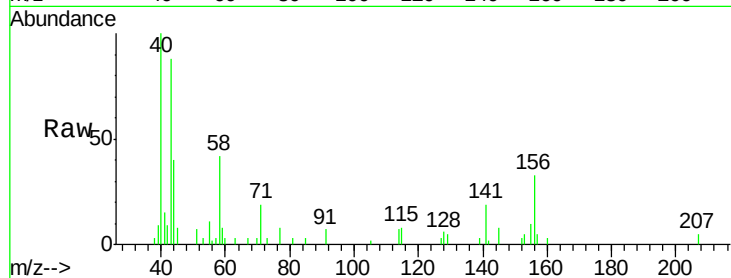




#74
N-amyl acetate
Concen: 0.460 ug/l
RT: 12.03 min Scan# 3191
Delta R.T. -0.04 min
Lab File: VN054223.D
Acq: 13 Mar 2019 20:04

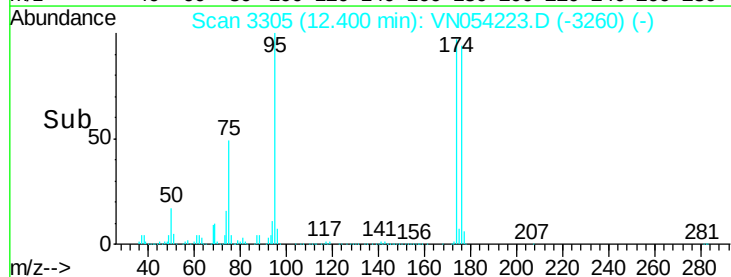
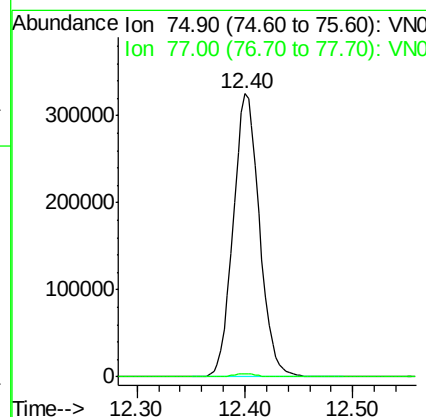
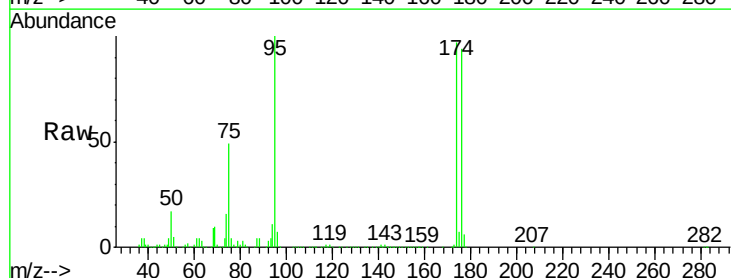
Instrument :
MSVOA_N
ClientSampled :

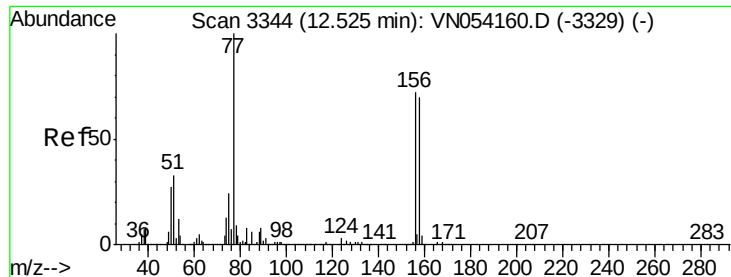
Tot Ion: 43 Resp: 9238
Ion Ratio Lower Upper
43 100
70 1.2 35.4 53.0#
55 13.8 19.8 29.6#
61 0.0 19.8 29.6#



#76
1,2,3-Trichloropropane
Concen: 33.238 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.15 min
Lab File: VN054223.D
Acq: 13 Mar 2019 20:04

Tgt Ion: 75 Resp: 552789
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#





#77

Bromobenzene

Concen: 1.994 ug/l

RT: 12.56 min Scan# 3355

Delta R.T. 0.04 min

Lab File: VN054223.D

Acq: 13 Mar 2019 20:04

Instrument :

MSVOA_N

ClientSampled :

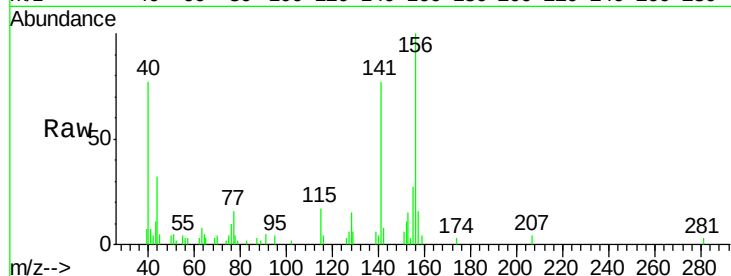
Tot Ion:156 Resp: 47734

Ion Ratio Lower Upper

156 100

77 1.2 81.5 244.4#

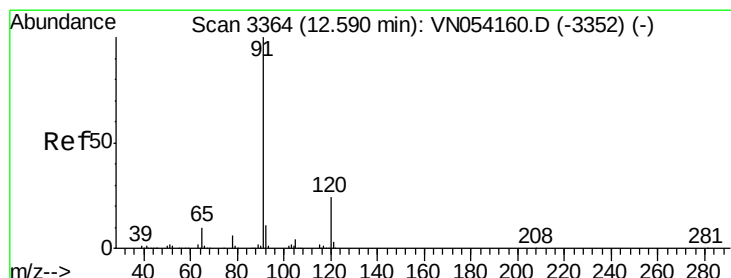
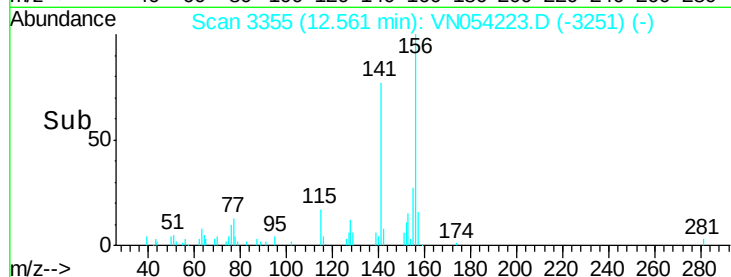
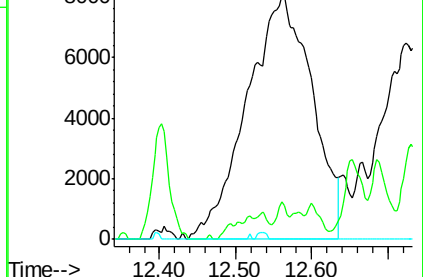
158 0.0 49.0 147.2#



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 0.209 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN054223.D

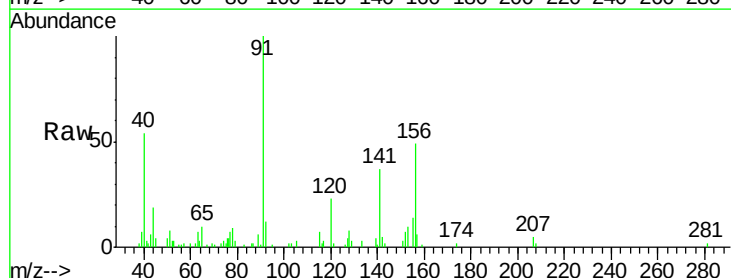
Acq: 13 Mar 2019 20:04

Tgt Ion: 91 Resp: 20486

Ion Ratio Lower Upper

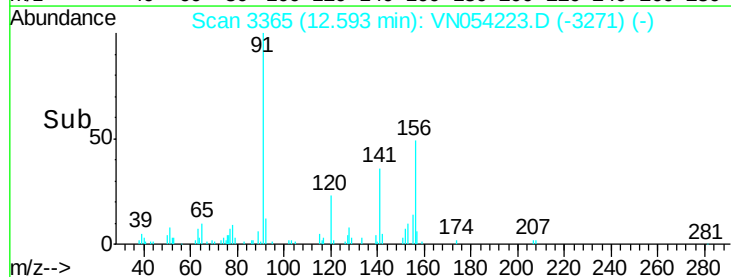
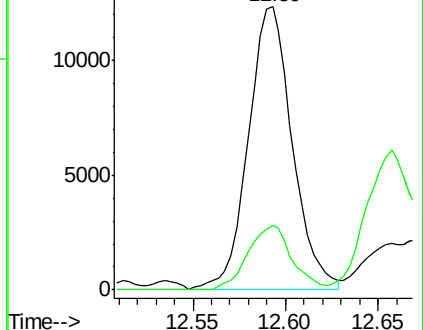
91 100

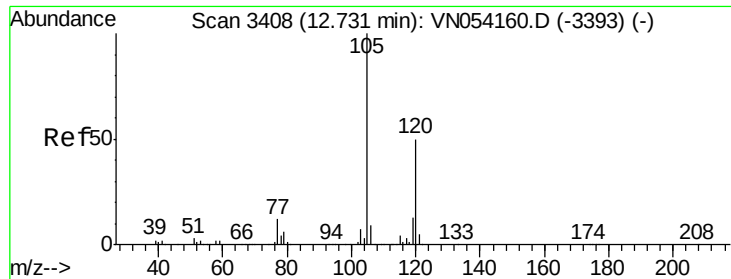
120 22.8 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

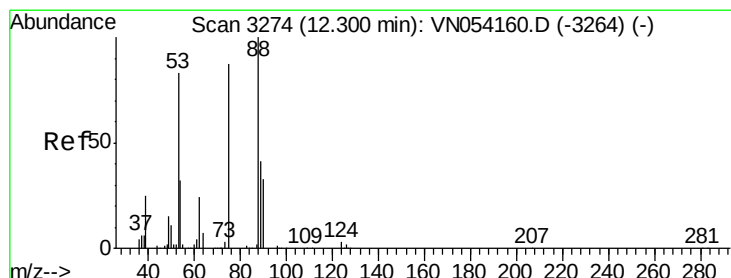
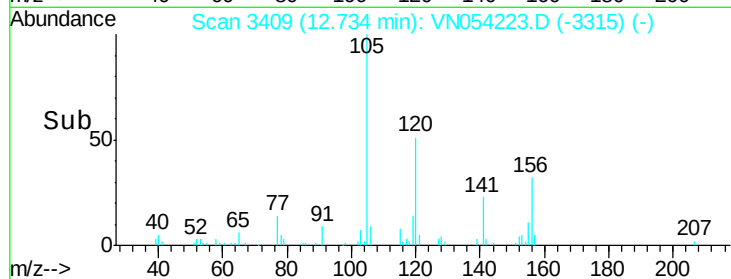
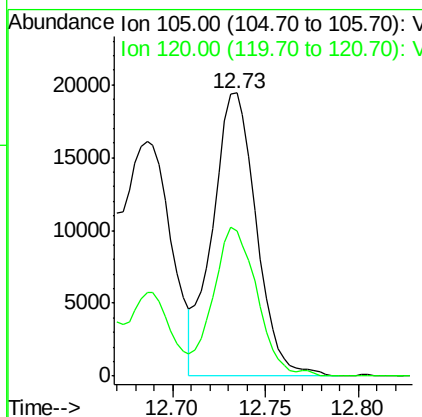
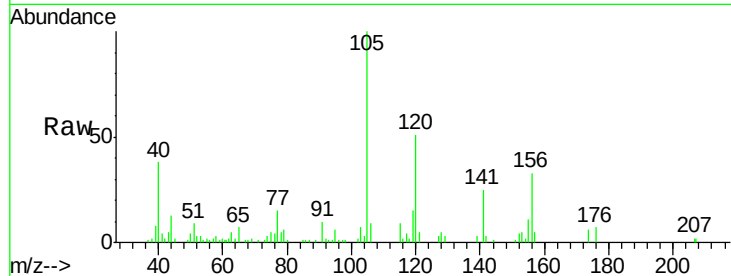




#80
 1,3,5-Trimethylbenzene
 Concen: 0.424 ug/l
 RT: 12.73 min Scan# 3409
 Delta R.T. 0.00 min
 Lab File: VN054223.D
 Acq: 13 Mar 2019 20:04

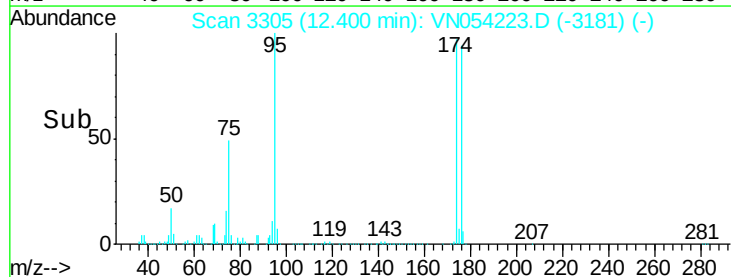
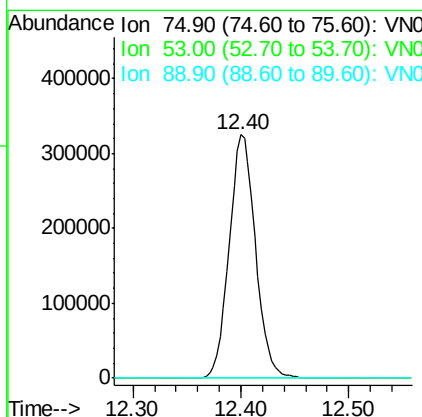
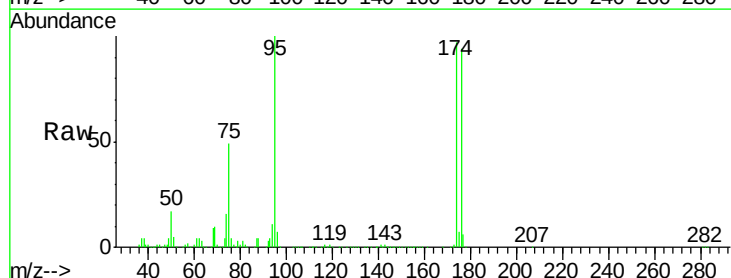
Instrument :
 MSVOA_N
 ClientSampled :

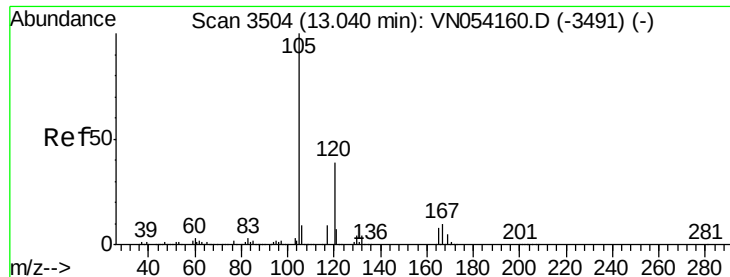
Tot Ion:105 Resp: 31920
 Ion Ratio Lower Upper
 105 100
 120 49.2 25.0 75.0



#81
 trans-1,4-Dichloro-2-butene
 Concen: 113.624 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.10 min
 Lab File: VN054223.D
 Acq: 13 Mar 2019 20:04

Tgt Ion: 75 Resp: 552789
 Ion Ratio Lower Upper
 75 100
 53 0.0 76.2 114.2#
 89 0.0 39.2 58.8#





#84

1,2,4-Trimethylbenzene

Concen: 1.370 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. -0.00 min

Lab File: VN054223.D

Acq: 13 Mar 2019 20:04

Instrument :

MSVOA_N

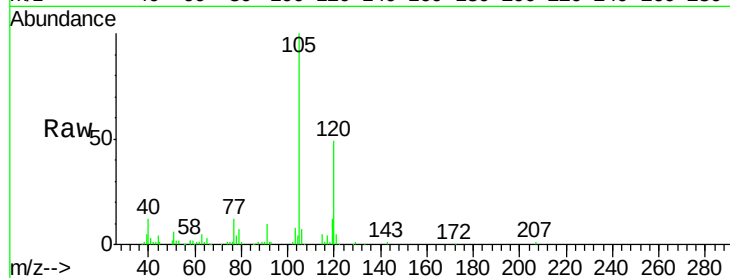
ClientSampleId :

Tot Ion:105 Resp: 101123

Ion Ratio Lower Upper

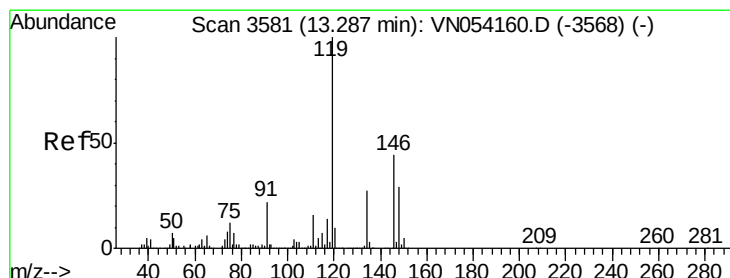
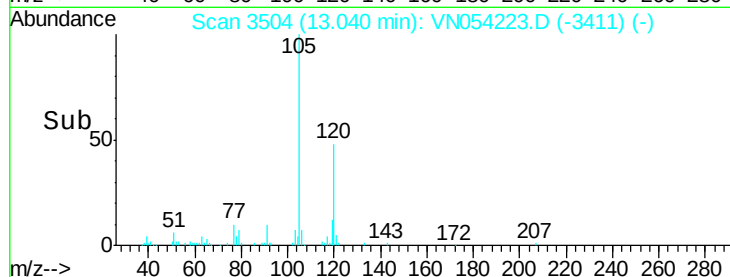
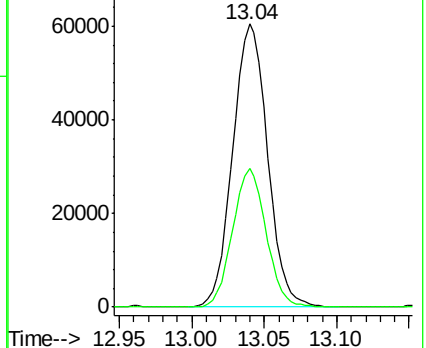
105 100

120 46.8 23.4 70.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#86

p-Isopropyltoluene

Concen: 0.216 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. -0.00 min

Lab File: VN054223.D

Acq: 13 Mar 2019 20:04

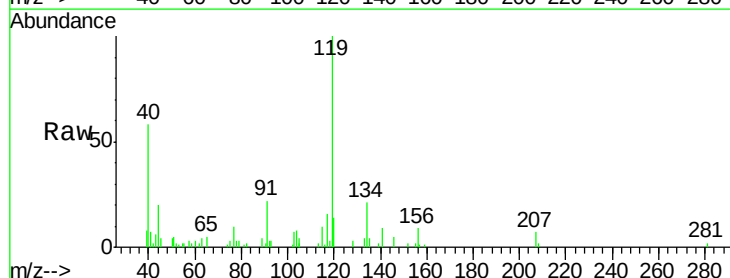
Tgt Ion:119 Resp: 17027

Ion Ratio Lower Upper

119 100

134 24.6 13.6 40.8

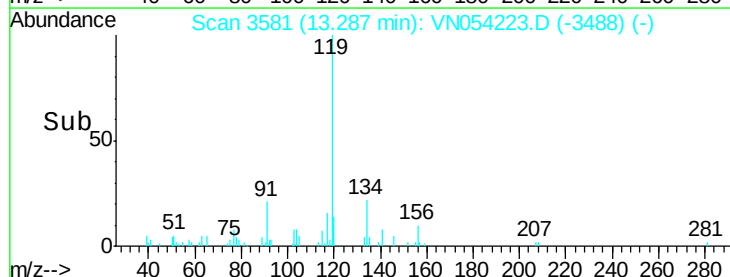
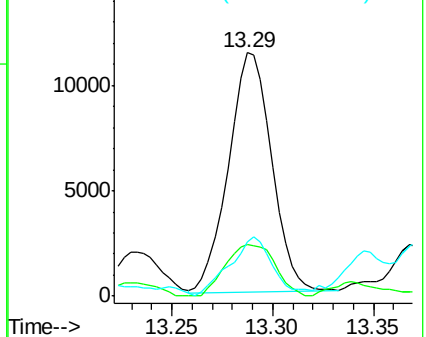
91 24.7 11.1 33.3

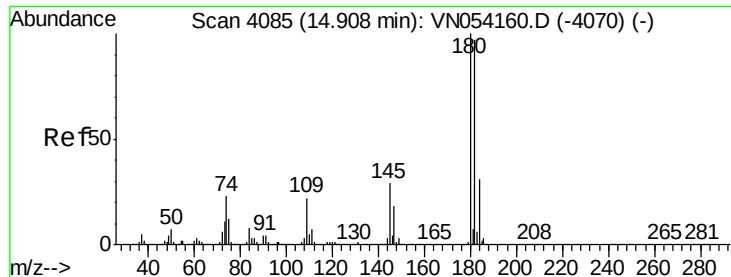


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#93

1,2,4-Trichlorobenzene

Concen: 2.556 ug/l

RT: 14.91 min Scan# 4087

Delta R.T. 0.01 min

Lab File: VN054223.D

Acq: 13 Mar 2019 20:04

Instrument :

MSVOA_N

ClientSampled :

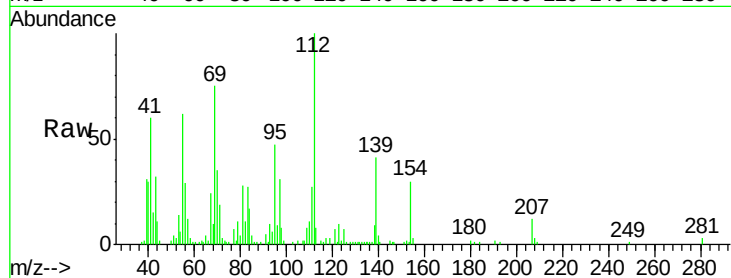
Tot Ion:180 Resp: 989

Ion Ratio Lower Upper

180 100

182 71.3 48.0 144.2

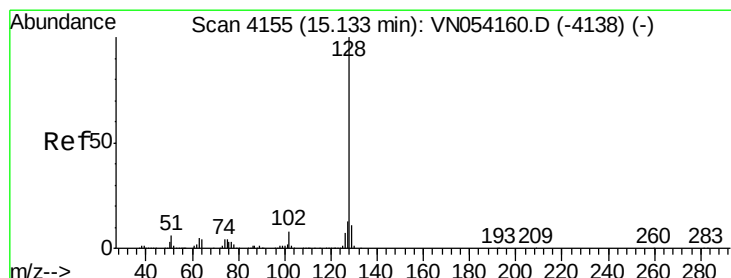
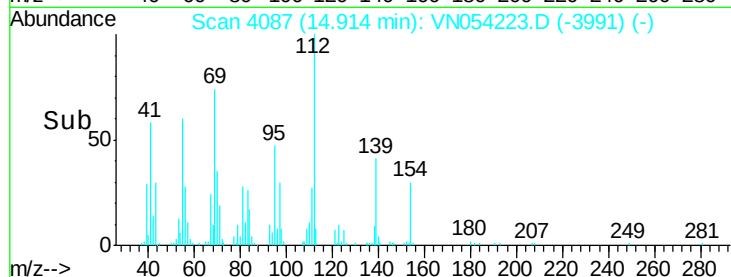
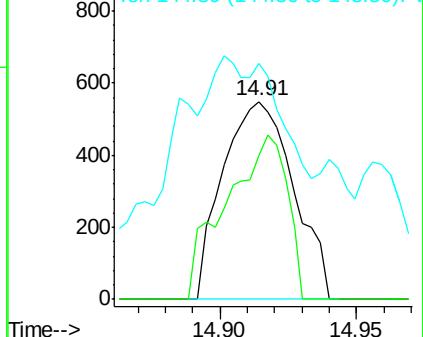
145 121.7 14.2 42.8#



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: 4.877 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN054223.D

Acq: 13 Mar 2019 20:04

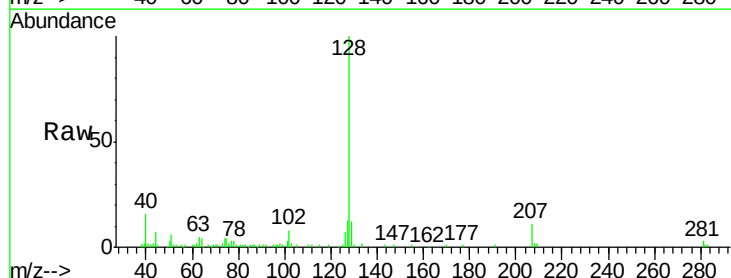
Tgt Ion:128 Resp: 75030

Ion Ratio Lower Upper

128 100

127 12.8 10.1 15.1

129 11.6 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

