

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052020\
 Data File : VN061504.D
 Acq On : 20 May 2020 16:40
 Operator : JC/MD
 Sample : L2645-04DL2 200X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 21 01:11:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N051820W.M
 Quant Title : SW846 8260
 QLast Update : Mon May 18 13:09:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	293878	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	533422	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	525381	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	235101	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	197259	44.97	ug/l	0.00
Spiked Amount			Recovery	=	89.94%	
35) Dibromofluoromethane	7.55	113	151938	54.37	ug/l	0.00
Spiked Amount			Recovery	=	108.74%	
50) Toluene-d8	10.06	98	663498	51.19	ug/l	0.00
Spiked Amount			Recovery	=	102.38%	
62) 4-Bromofluorobenzene	12.37	95	255750	52.81	ug/l	0.00
Spiked Amount			Recovery	=	105.62%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.04	50	1188	0.298	ug/l #	78
5) Bromomethane	2.52	94	66	Below Cal	#	51
11) Tert butyl alcohol	4.74	59	918	1.817	ug/l #	73
13) Acrolein	3.53	56	742	Below Cal	#	1
16) Acetone	3.77	43	3498	Below Cal		91
17) Carbon Disulfide	4.01	76	1235	Below Cal	#	75
18) Methyl Acetate	4.32	43	278	Below Cal	#	49
19) Methyl tert-butyl Ether	4.99	73	6755	0.591	ug/l #	1
25) 2-Butanone	6.79	43	851	0.426	ug/l #	46
30) Chloroform	7.33	83	8401	1.252	ug/l	94
31) Cyclohexane	7.62	56	11504	Below Cal	#	46
36) 1,1-Dichloropropene	7.62	75	23584	4.728	ug/l #	50
38) Carbon Tetrachloride	7.62	117	30816	6.710	ug/l #	15
39) Methylcyclohexane	9.05	83	2926	0.480	ug/l	90
40) Benzene	8.00	78	116707	7.764	ug/l	99
52) Toluene	10.12	92	205031	21.247	ug/l	99
59) 2-Hexanone	10.72	43	1227	0.395	ug/l	69
67) Ethyl Benzene	11.48	91	241194	12.333	ug/l	98
68) m/p-Xylenes	11.59	106	298420	40.201	ug/l	97
69) o-Xylene	11.92	106	78440	10.919	ug/l	98
70) Styrene	11.92	104	4376	0.368	ug/l #	1
71) Bromoform	12.38	173	1829	2.608	ug/l #	1
73) Isopropylbenzene	12.22	105	12200	0.646	ug/l	98
76) 1,2,3-Trichloropropane	12.37	75	131727	26.112	ug/l #	100
78) n-propylbenzene	12.57	91	37523	1.745	ug/l	98
79) 2-Chlorotoluene	12.63	91	11911	0.937	ug/l #	44
80) 1,3,5-Trimethylbenzene	12.71	105	44396	2.873	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.37	75	131727	69.269	ug/l #	12
83) tert-Butylbenzene	13.01	119	20012	1.512	ug/l #	63
84) 1,2,4-Trimethylbenzene	13.01	105	171698	11.102	ug/l	96
85) sec-Butylbenzene	13.01	105	171698	9.592	ug/l #	57
89) n-Butylbenzene	13.59	91	3030	0.210	ug/l #	79
90) Hexachloroethane	13.86	117	1215	0.564	ug/l #	17
93) 1,2,4-Trichlorobenzene	14.88	180	975	0.250	ug/l	98

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Response via : Initial Calibration

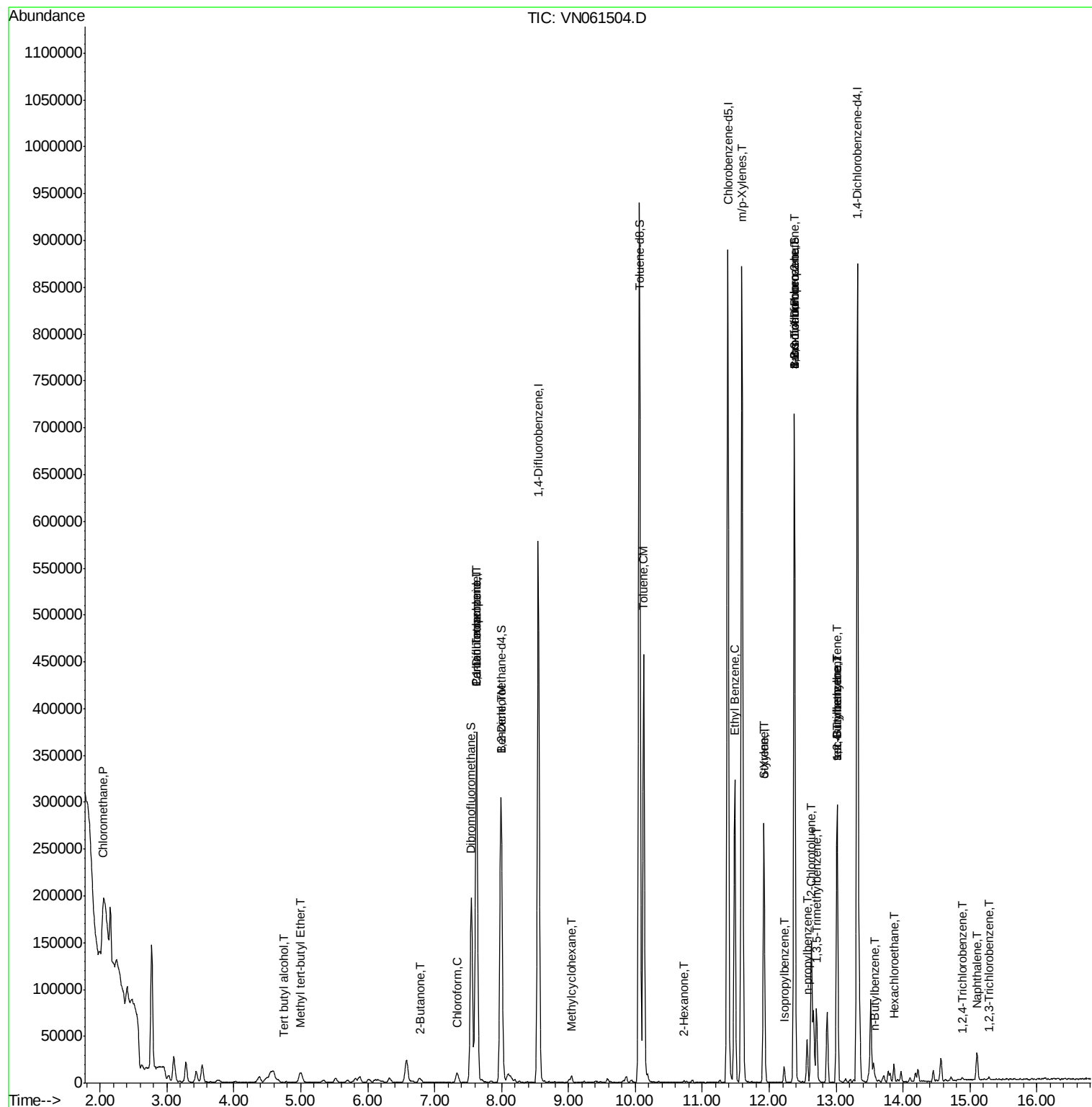
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	15.10	128	27220	2.196	ug/l	98
96) 1,2,3-Trichlorobenzene	15.28	180	984	0.254	ug/l	82

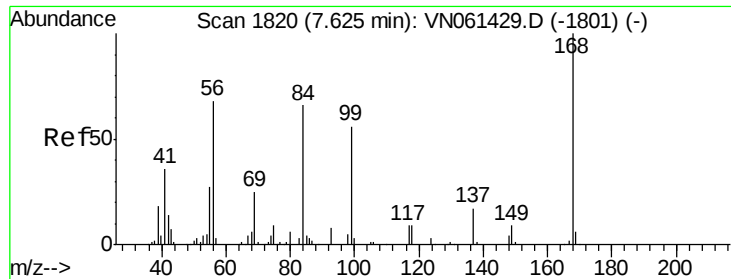
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN052020\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. 0.00 min

Lab File: VN061504.D

Acq: 20 May 2020 16:40

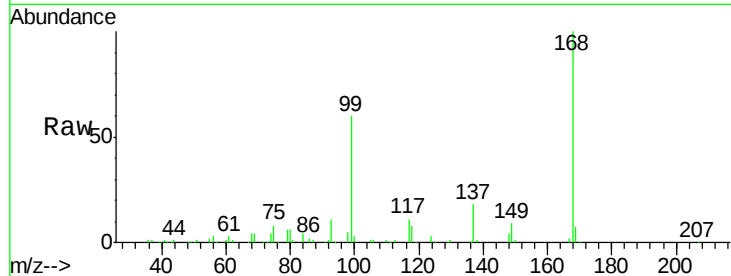
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 293878

Ion Ratio Lower Upper

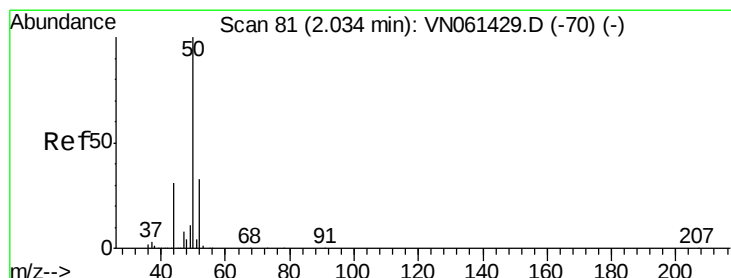
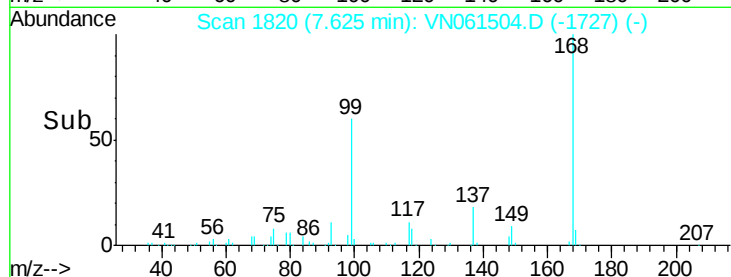
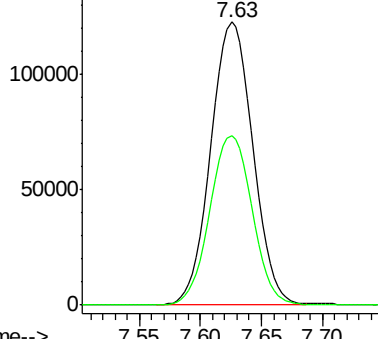
168 100

99 59.9 51.1 76.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#3

Chloromethane

Concen: 0.298 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN061504.D

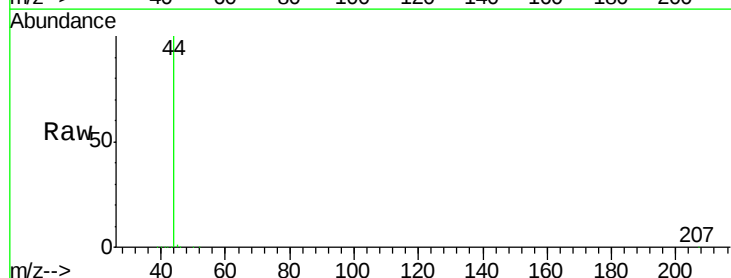
Acq: 20 May 2020 16:40

Tgt Ion: 50 Resp: 1188

Ion Ratio Lower Upper

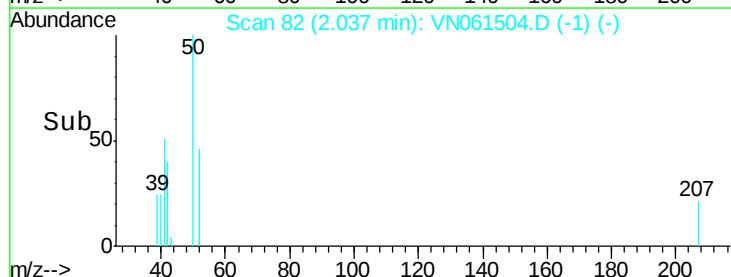
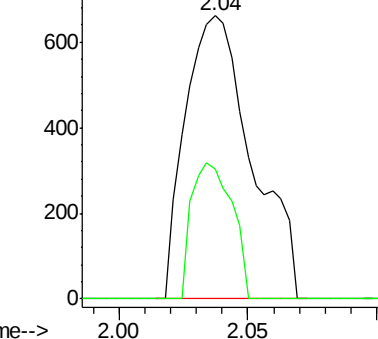
50 100

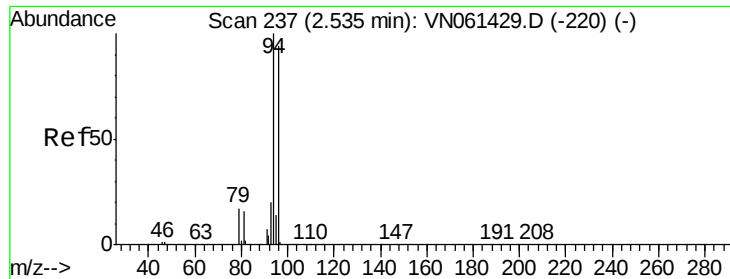
52 45.6 26.7 40.1#



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO





#5

Bromomethane

Concen: Below Cal

RT: 2.52 min Scan# 232

Delta R.T. -0.02 min

Lab File: VN061504.D

Acq: 20 May 2020 16:40

Instrument :

MSVOA_N

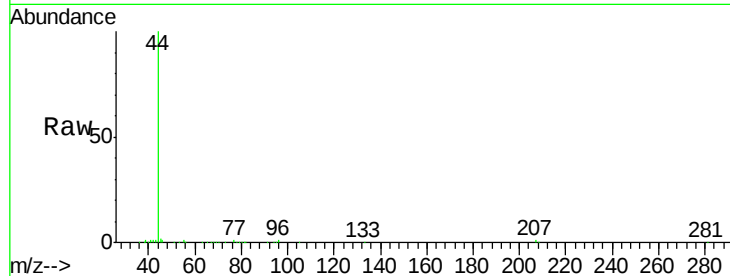
ClientSampleId :

Tot Ion: 94 Resp: 66

Ion Ratio Lower Upper

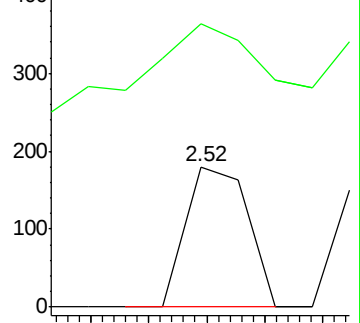
94 100

96 46.7 74.9 112.3#

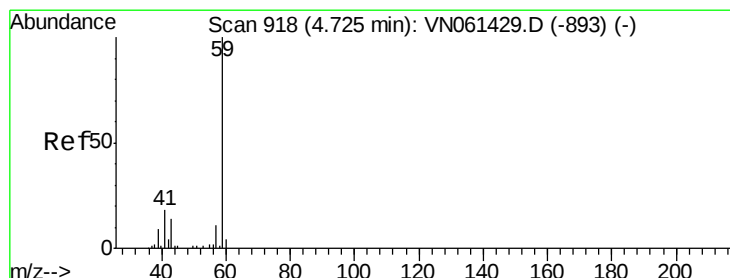
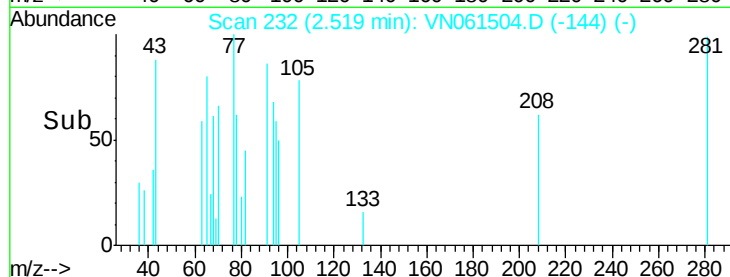


Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



Time-->



#11

Tert butyl alcohol

Concen: 1.817 ug/l

RT: 4.74 min Scan# 924

Delta R.T. 0.02 min

Lab File: VN061504.D

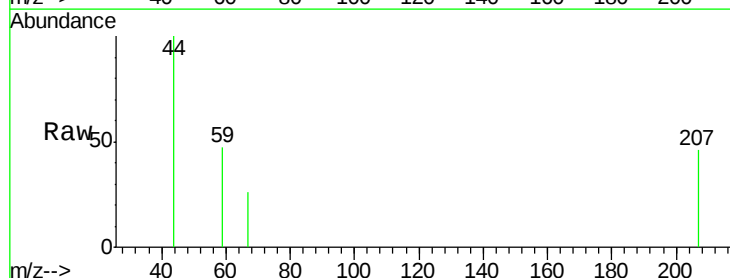
Acq: 20 May 2020 16:40

Tgt Ion: 59 Resp: 918

Ion Ratio Lower Upper

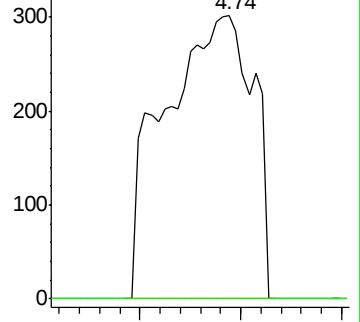
59 100

57 0.0 8.2 12.2#

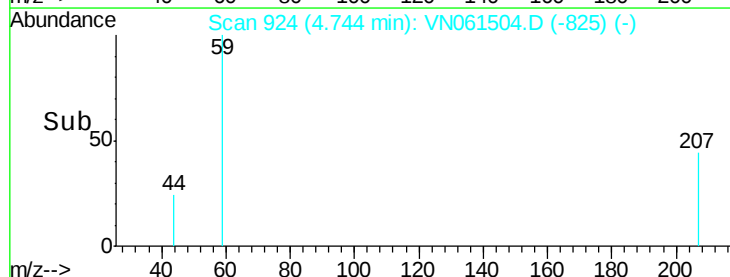


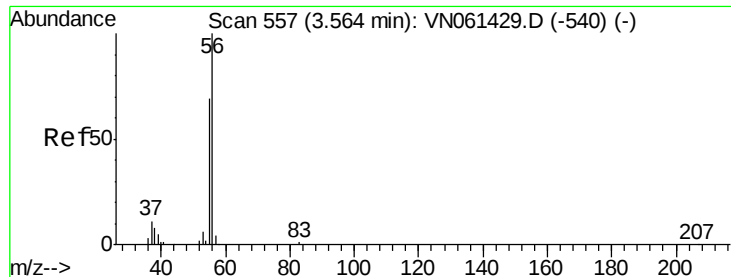
Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0



Time-->





#13

Acrolein

Concen: Below Cal

RT: 3.53 min Scan# 545

Delta R.T. -0.04 min

Lab File: VN061504.D

Acq: 20 May 2020 16:40

Instrument :

MSVOA_N

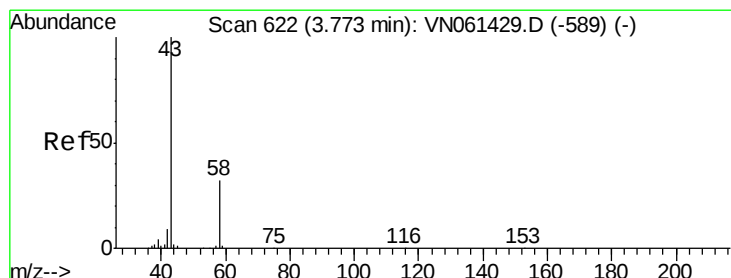
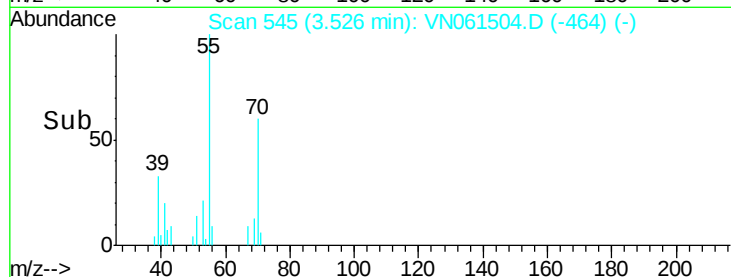
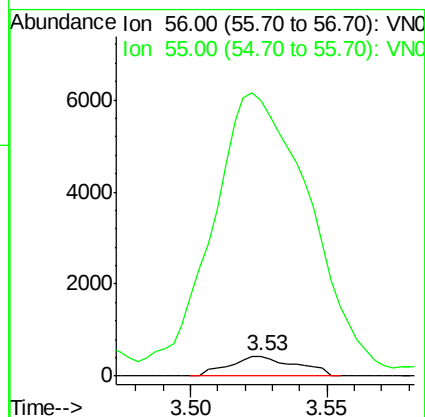
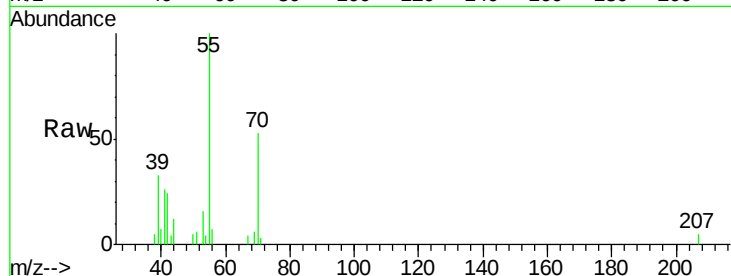
ClientSampled :

Tot Ion: 56 Resp: 742

Ion Ratio Lower Upper

56 100

55 1982.2 54.8 82.2#



#16

Acetone

Concen: Below Cal

RT: 3.77 min Scan# 621

Delta R.T. -0.00 min

Lab File: VN061504.D

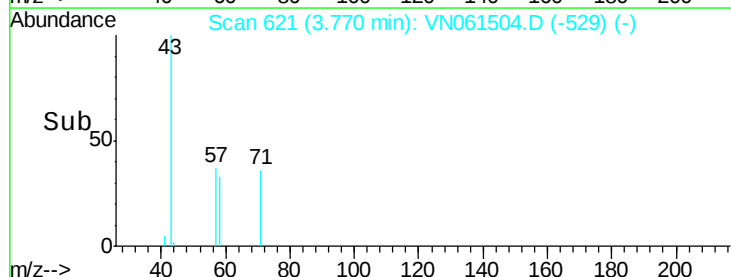
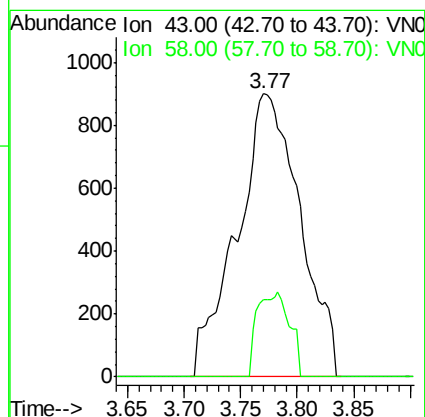
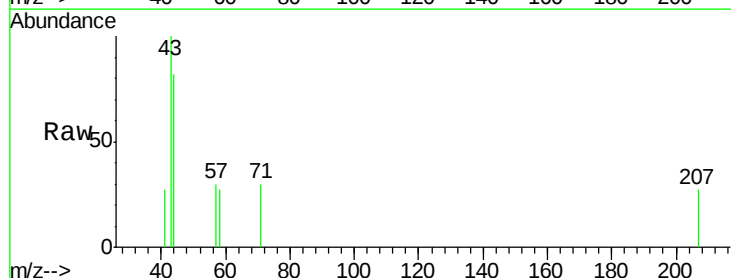
Acq: 20 May 2020 16:40

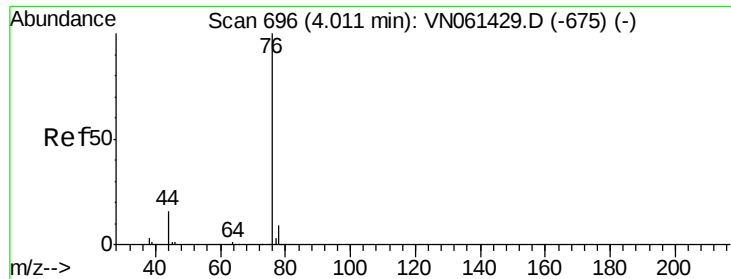
Tgt Ion: 43 Resp: 3498

Ion Ratio Lower Upper

43 100

58 27.1 25.6 38.4

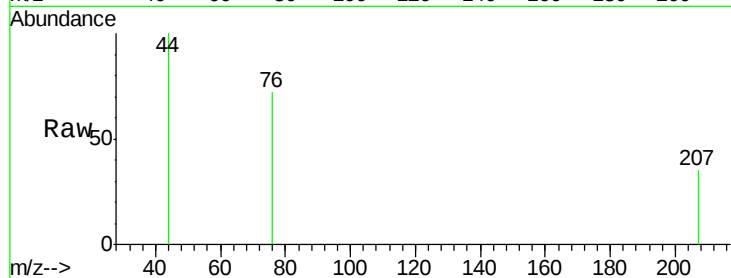




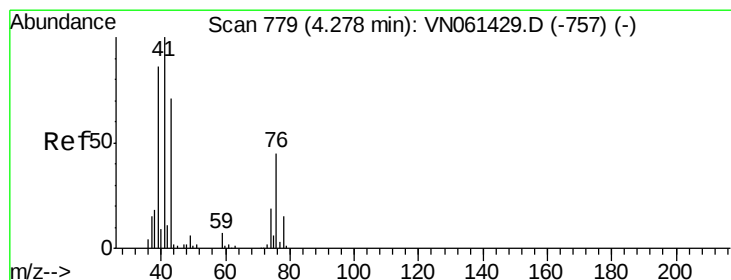
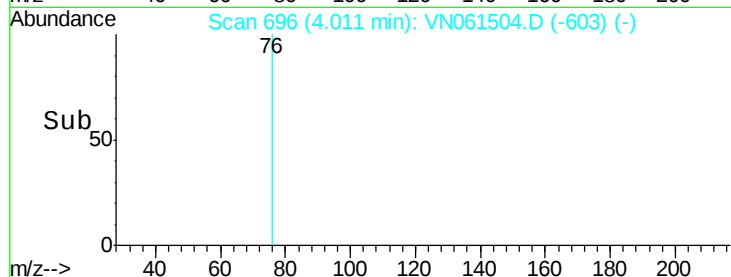
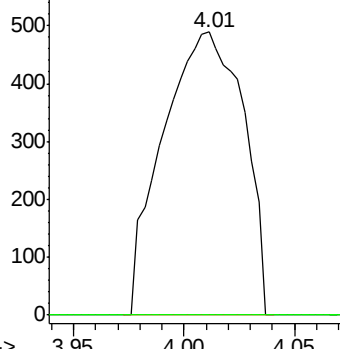
#17
Carbon Disulfide
Concen: Below Cal
RT: 4.01 min Scan# 696
Delta R.T. 0.00 min
Lab File: VN061504.D
Acq: 20 May 2020 16:40

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 76 Resp: 1235
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#

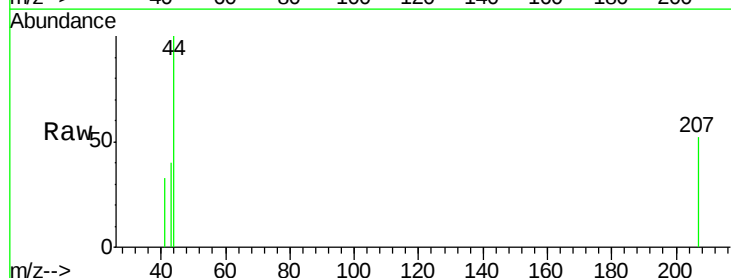


Abundance Ion 75.90 (75.60 to 76.60): VNO
Ion 77.90 (77.60 to 78.60): VNO

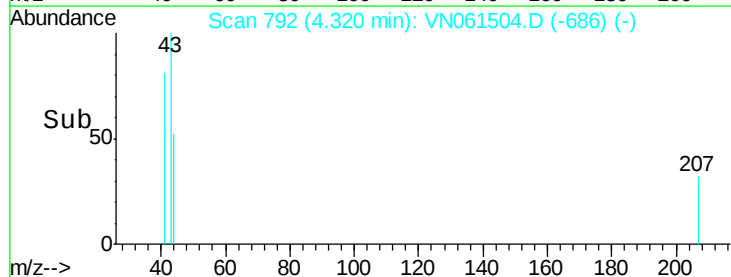
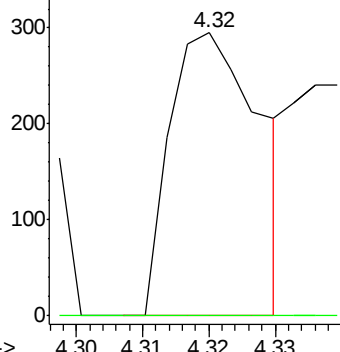


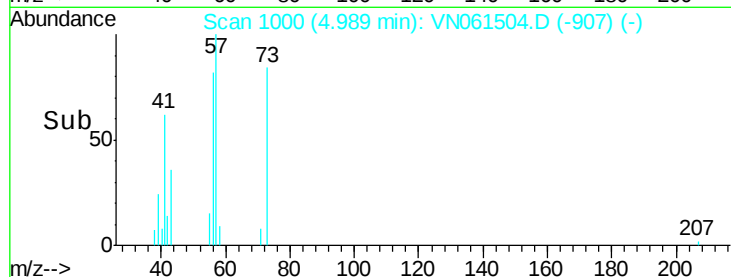
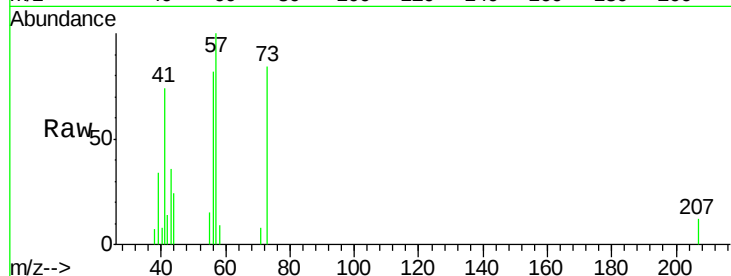
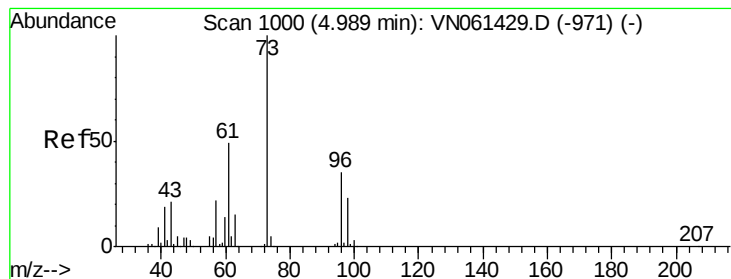
#18
Methyl Acetate
Concen: Below Cal
RT: 4.32 min Scan# 792
Delta R.T. 0.04 min
Lab File: VN061504.D
Acq: 20 May 2020 16:40

Tgt Ion: 43 Resp: 278
Ion Ratio Lower Upper
43 100
74 0.0 20.8 31.2#



Abundance Ion 43.00 (42.70 to 43.70): VNO
Ion 74.00 (73.70 to 74.70): VNO



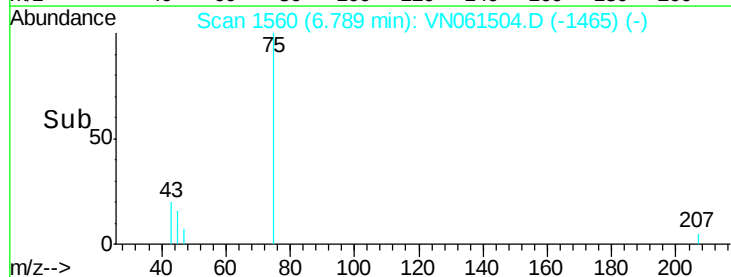
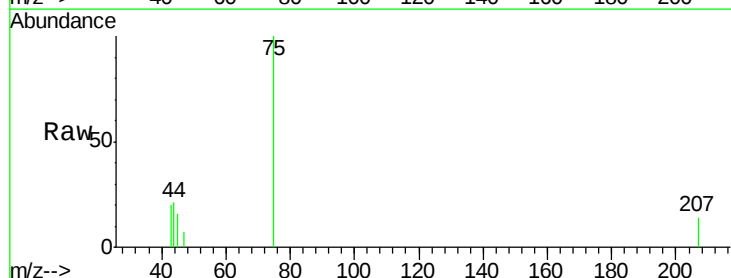
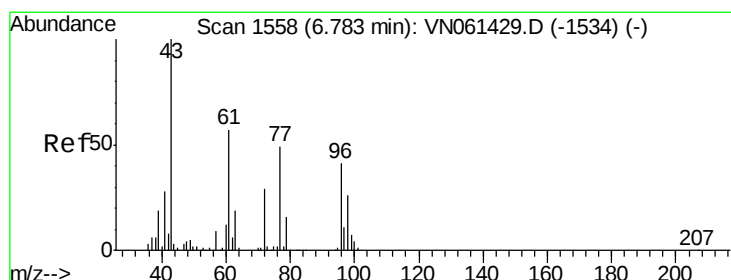
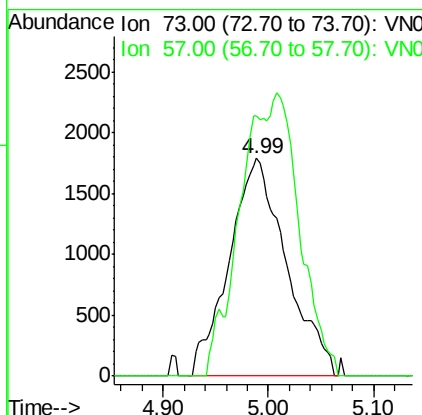


#19

Methyl tert-butyl Ether
 Concen: 0.591 ug/l
 RT: 4.99 min Scan# 1000
 Delta R.T. 0.00 min
 Lab File: VN061504.D
 Acq: 20 May 2020 16:40

Instrument :
 MSVOA_N
 ClientSampled :

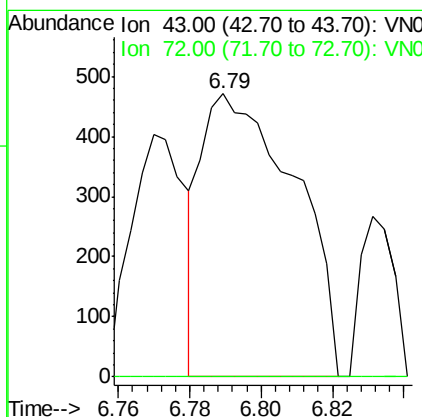
Tot Ion: 73 Resp: 6755
 Ion Ratio Lower Upper
 73 100
 57 119.5 17.4 26.0#

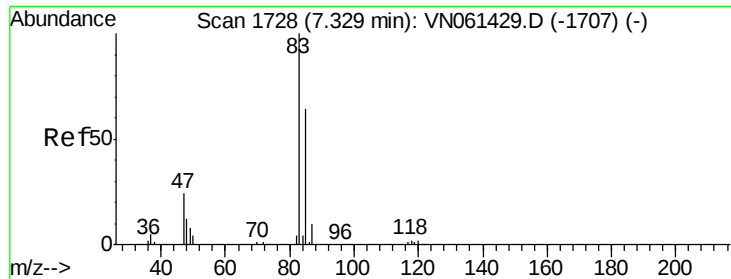


#25

2-Butanone
 Concen: 0.426 ug/l
 RT: 6.79 min Scan# 1560
 Delta R.T. 0.01 min
 Lab File: VN061504.D
 Acq: 20 May 2020 16:40

Tgt Ion: 43 Resp: 851
 Ion Ratio Lower Upper
 43 100
 72 0.0 23.0 34.6#

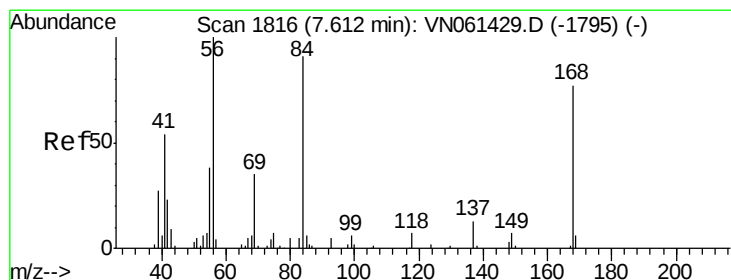
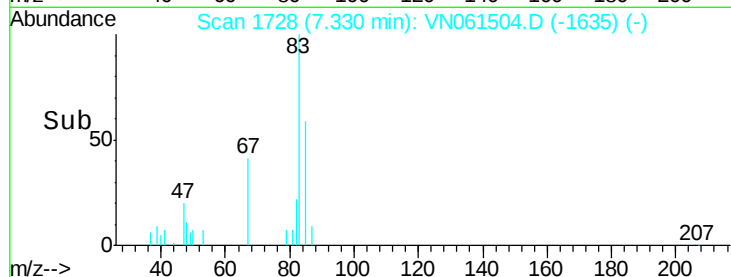
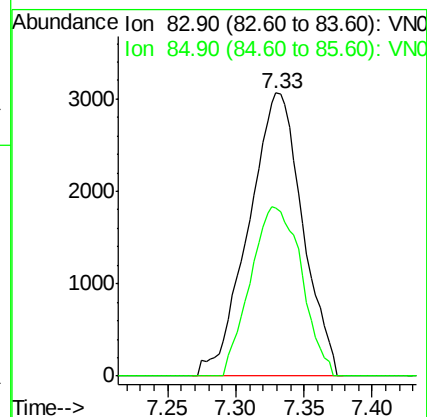
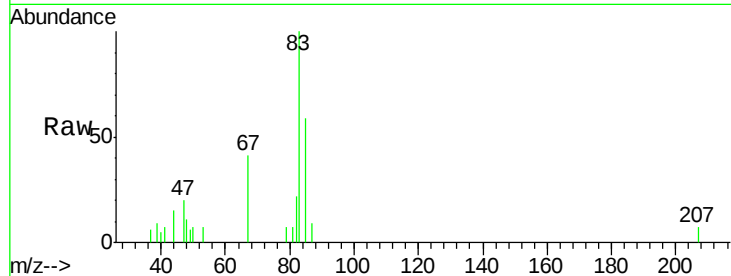




#30
Chloroform
Concen: 1.252 ug/l
RT: 7.33 min Scan# 1728
Delta R.T. 0.00 min
Lab File: VN061504.D
Acq: 20 May 2020 16:40

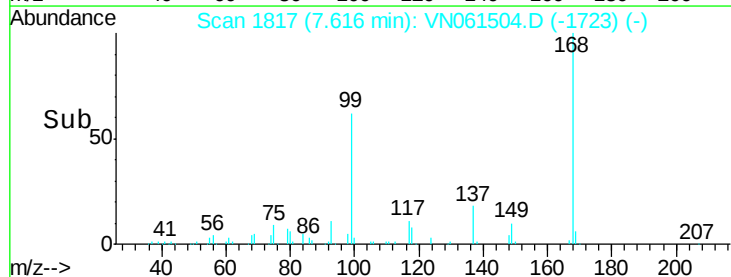
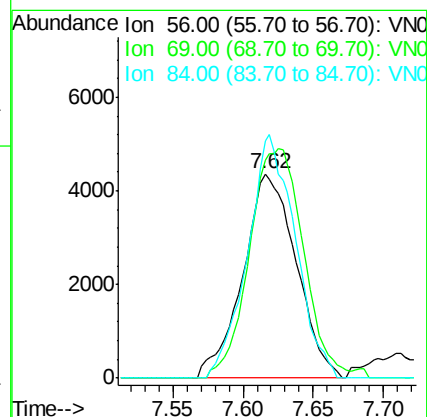
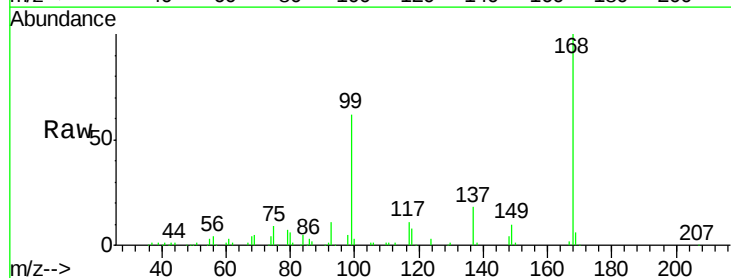
Instrument :
MSVOA_N
ClientSampleId :

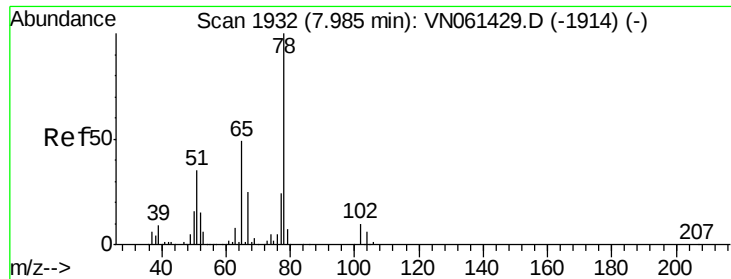
Tot Ion: 83 Resp: 8401
Ion Ratio Lower Upper
83 100
85 59.3 51.0 76.4



#31
Cyclohexane
Concen: Below Cal
RT: 7.62 min Scan# 1817
Delta R.T. 0.00 min
Lab File: VN061504.D
Acq: 20 May 2020 16:40

Tgt Ion: 56 Resp: 11504
Ion Ratio Lower Upper
56 100
69 106.9 27.8 41.6#
84 116.1 72.7 109.1#

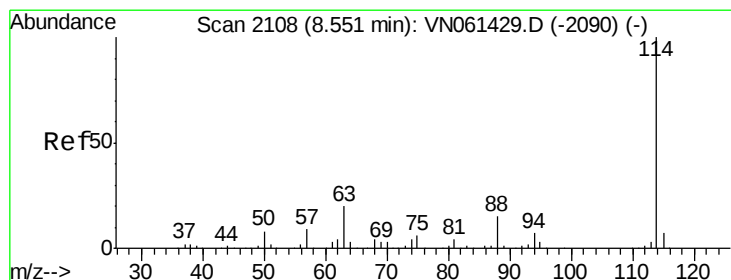
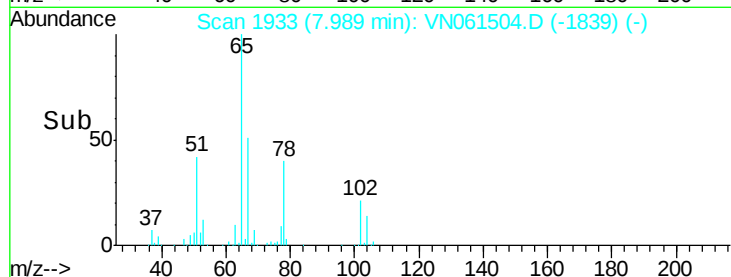
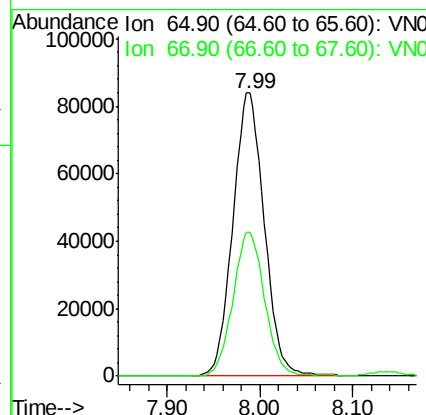
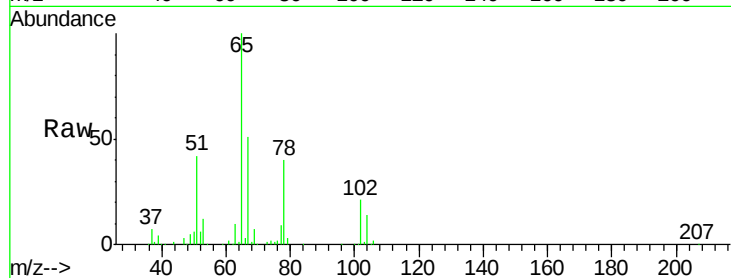




#33
 1,2-Dichloroethane-d4
 Concen: 44.975 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. 0.00 min
 Lab File: VN061504.D
 Acq: 20 May 2020 16:40

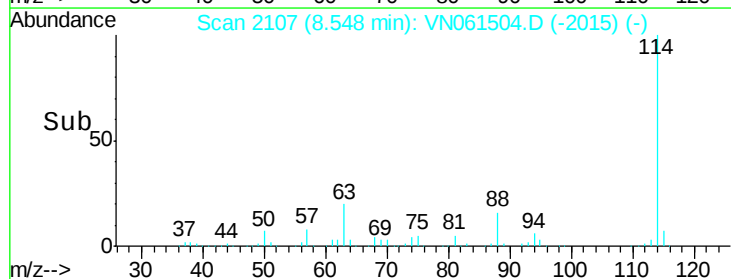
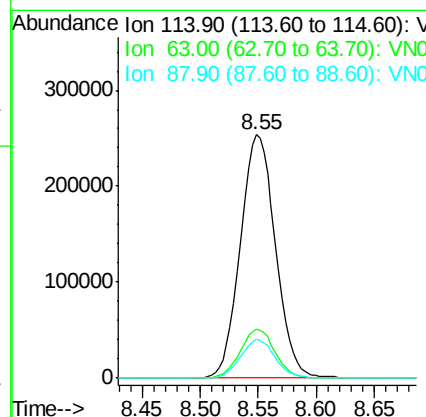
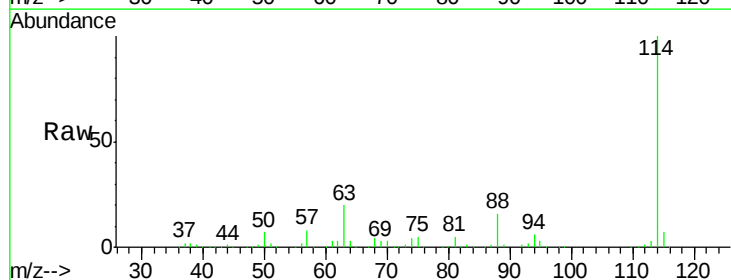
Instrument :
 MSVOA_N
 ClientSampleId :

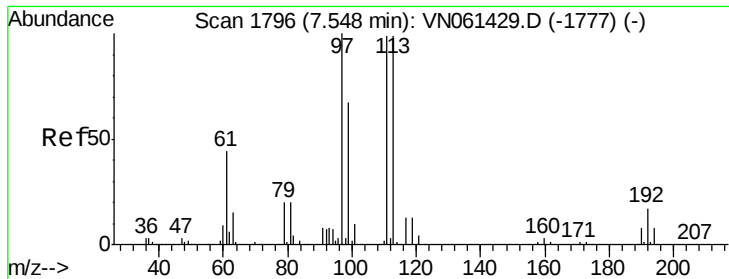
Tot Ion: 65 Resp: 197259
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 101.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: VN061504.D
 Acq: 20 May 2020 16:40

Tgt Ion: 114 Resp: 533422
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 40.8
 88 15.7 0.0 30.8

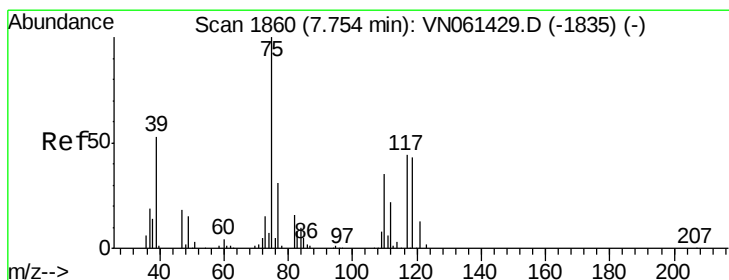
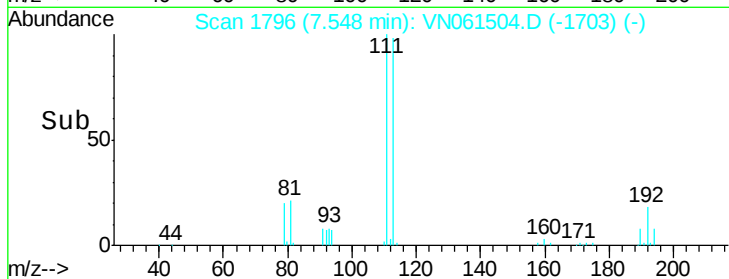
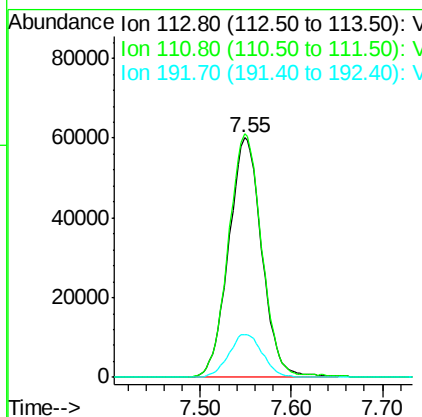
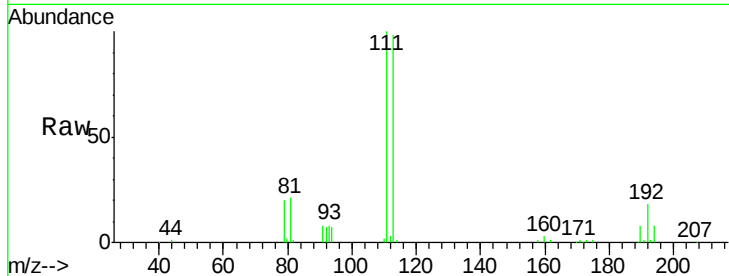




#35
 Dibromofluoromethane
 Concen: 54.371 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. 0.00 min
 Lab File: VN061504.D
 Acq: 20 May 2020 16:40

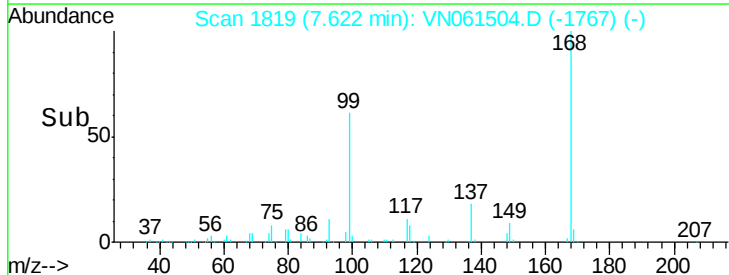
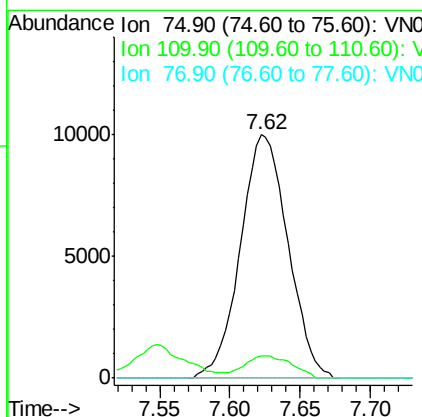
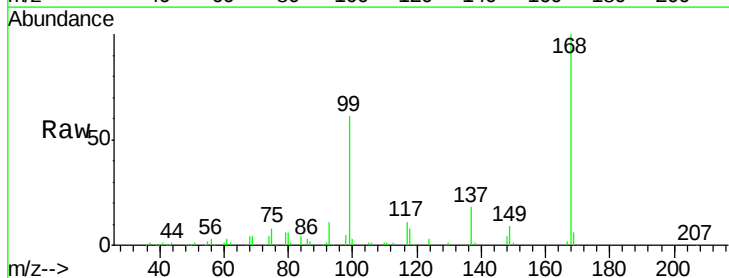
Instrument :
 MSVOA_N
 ClientSampleId :

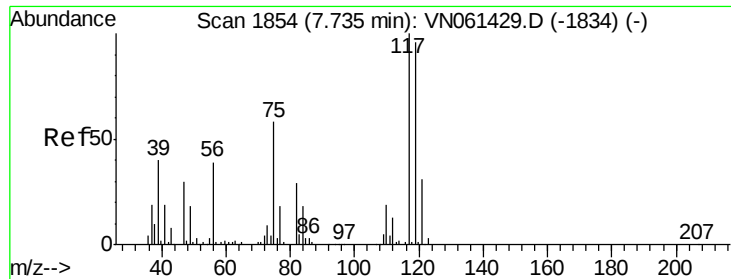
Tot Ion:113 Resp: 151938
 Ion Ratio Lower Upper
 113 100
 111 102.3 80.6 121.0
 192 18.3 13.2 19.8



#36
 1,1-Dichloropropene
 Concen: 4.728 ug/l
 RT: 7.62 min Scan# 1819
 Delta R.T. -0.13 min
 Lab File: VN061504.D
 Acq: 20 May 2020 16:40

Tgt Ion: 75 Resp: 23584
 Ion Ratio Lower Upper
 75 100
 110 9.1 17.3 51.9#
 77 0.0 24.9 37.3#





#38

Carbon Tetrachloride

Concen: 6.710 ug/l

RT: 7.62 min Scan# 1819

Delta R.T. -0.11 min

Lab File: VN061504.D

Acq: 20 May 2020 16:40

Instrument :

MSVOA_N

ClientSampled :

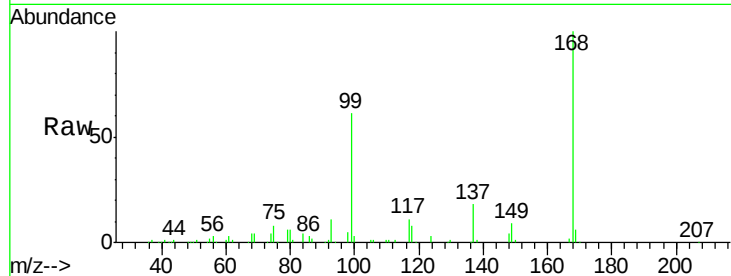
Tot Ion:117 Resp: 30816

Ion Ratio Lower Upper

117 100

119 4.3 77.0 115.6#

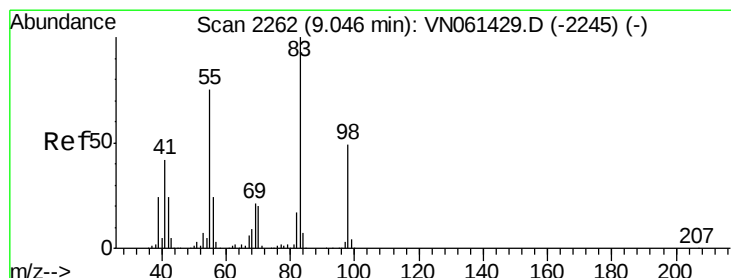
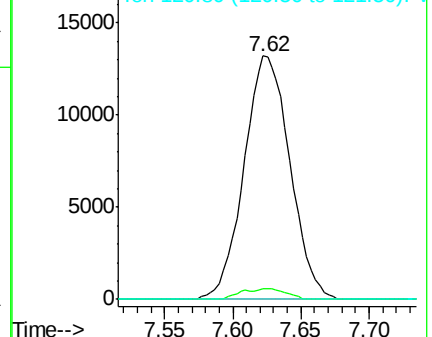
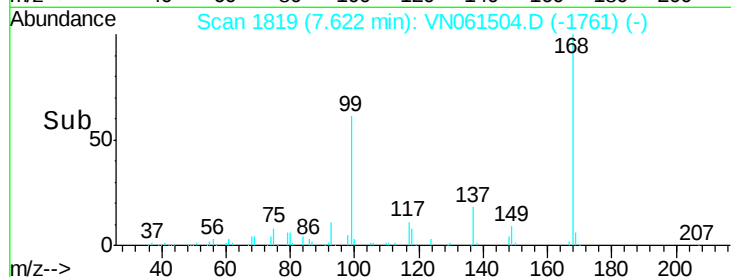
121 0.0 24.7 37.1#



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



#39

Methylcyclohexane

Concen: 0.480 ug/l

RT: 9.05 min Scan# 2263

Delta R.T. 0.00 min

Lab File: VN061504.D

Acq: 20 May 2020 16:40

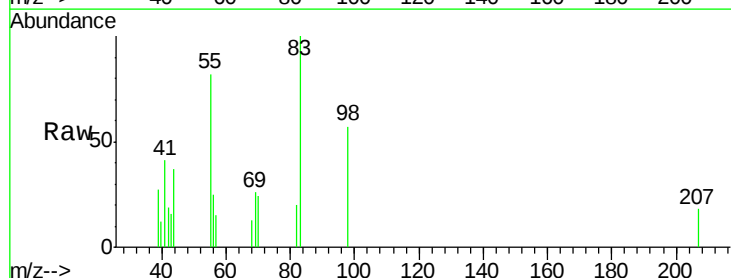
Tgt Ion: 83 Resp: 2926

Ion Ratio Lower Upper

83 100

55 82.3 59.7 89.5

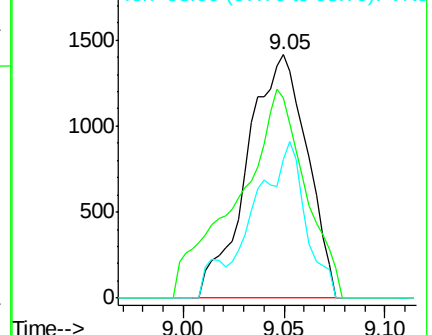
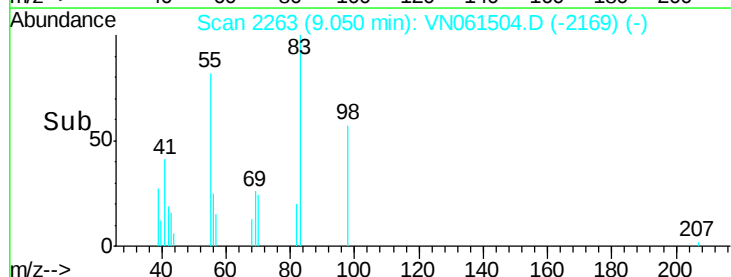
98 56.7 38.9 58.3

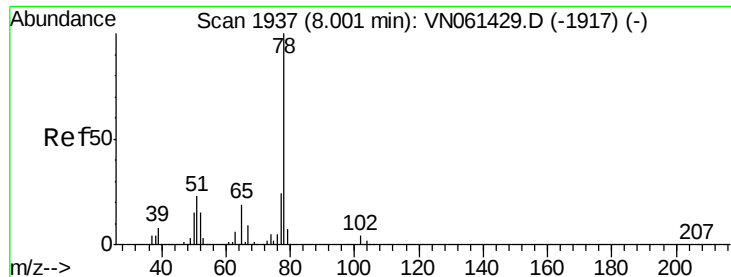


Abundance Ion 83.00 (82.70 to 83.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 98.00 (97.70 to 98.70): VN0





#40

Benzene

Concen: 7.764 ug/l

RT: 8.00 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VN061504.D

Acq: 20 May 2020 16:40

Instrument :

MSVOA_N

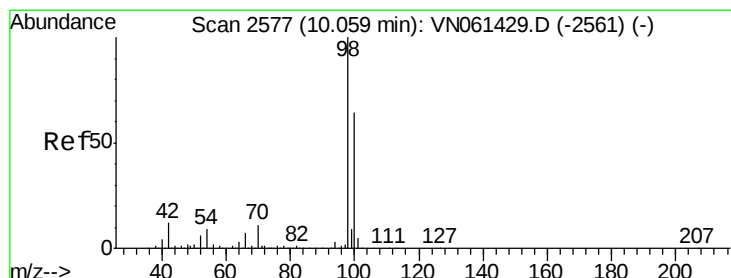
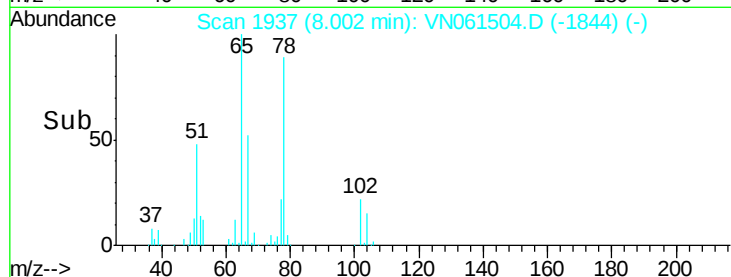
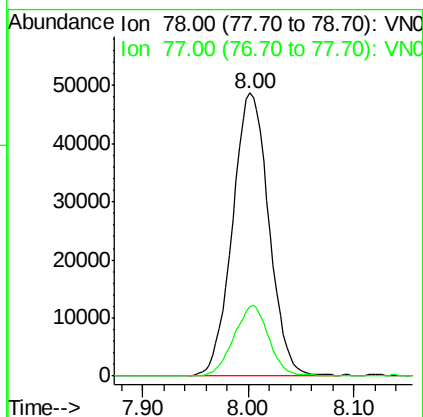
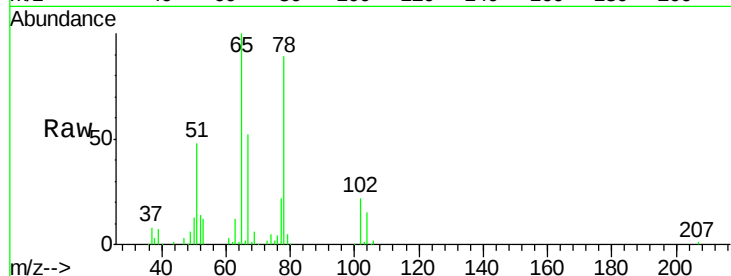
ClientSampled :

Tot Ion: 78 Resp: 116707

Ion Ratio Lower Upper

78 100

77 24.6 19.1 28.7



#50

Toluene-d8

Concen: 51.191 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. 0.00 min

Lab File: VN061504.D

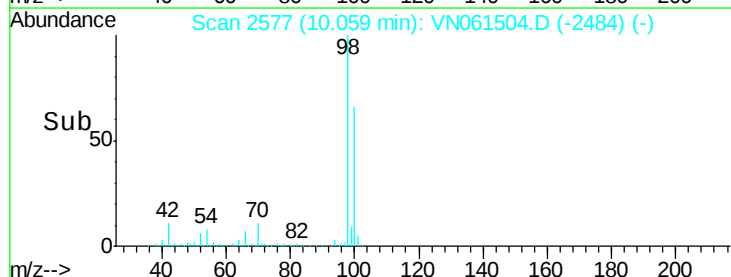
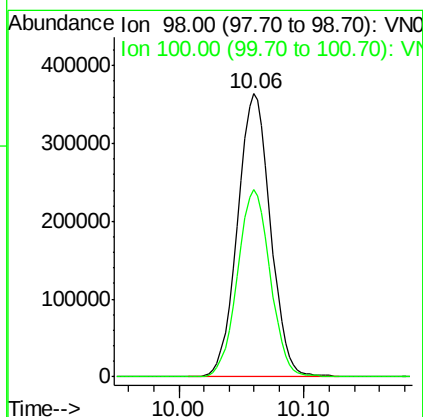
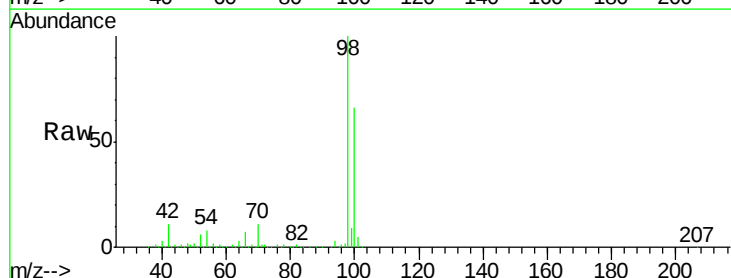
Acq: 20 May 2020 16:40

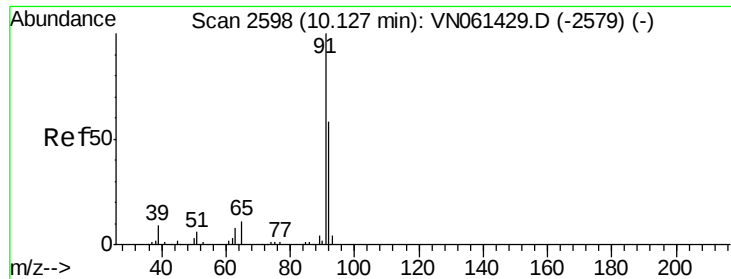
Tgt Ion: 98 Resp: 663498

Ion Ratio Lower Upper

98 100

100 66.0 51.8 77.8





#52

Toluene

Concen: 21.247 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN061504.D

Acq: 20 May 2020 16:40

Instrument :

MSVOA_N

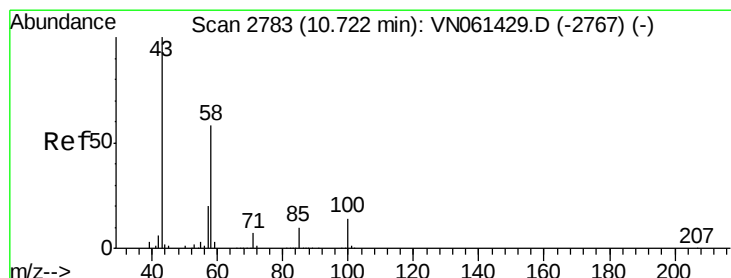
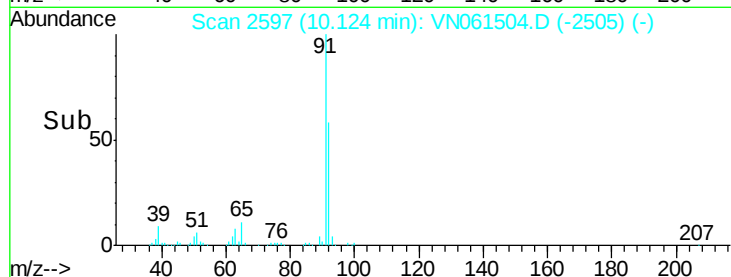
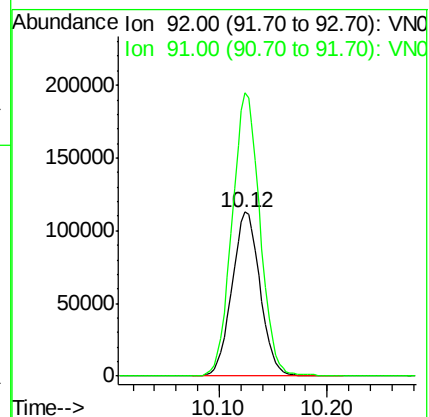
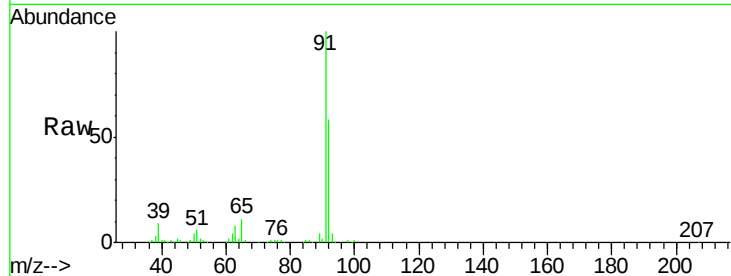
ClientSampled :

Tot Ion: 92 Resp: 205031

Ion Ratio Lower Upper

92 100

91 171.2 138.0 207.0



#59

2-Hexanone

Concen: 0.395 ug/l

RT: 10.72 min Scan# 2784

Delta R.T. 0.00 min

Lab File: VN061504.D

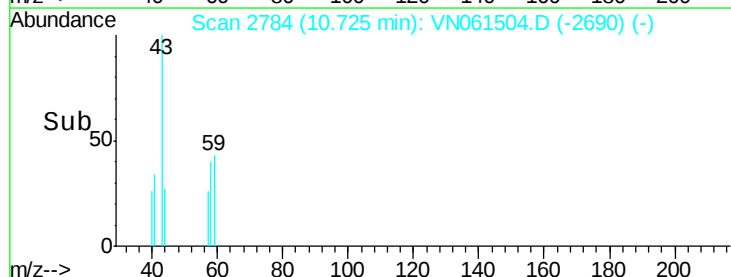
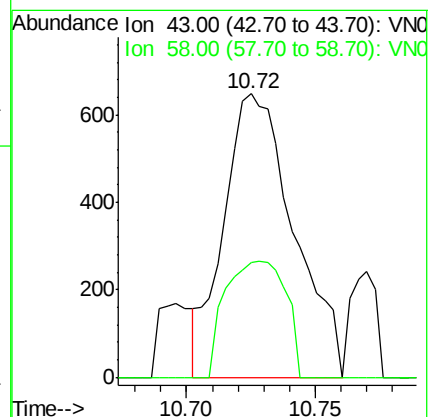
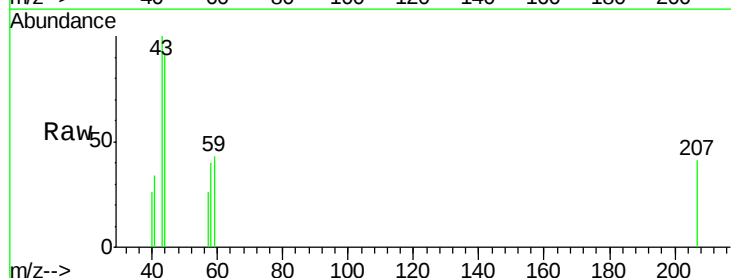
Acq: 20 May 2020 16:40

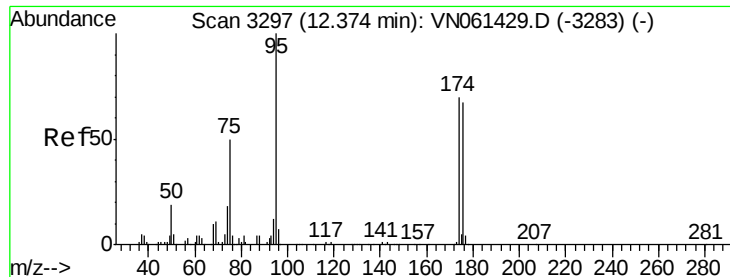
Tgt Ion: 43 Resp: 1227

Ion Ratio Lower Upper

43 100

58 35.2 29.2 87.6





#62

4-Bromofluorobenzene

Concen: 52.814 ug/l

RT: 12.37 min Scan# 3297

Delta R.T. 0.00 min

Lab File: VN061504.D

Acq: 20 May 2020 16:40

Instrument :

MSVOA_N

ClientSampleId :

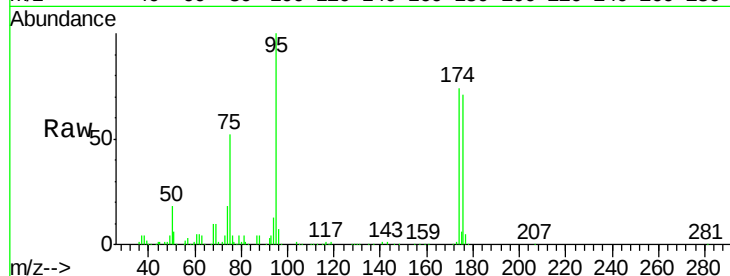
Tot Ion: 95 Resp: 255750

Ion Ratio Lower Upper

95 100

174 74.5 0.0 141.2

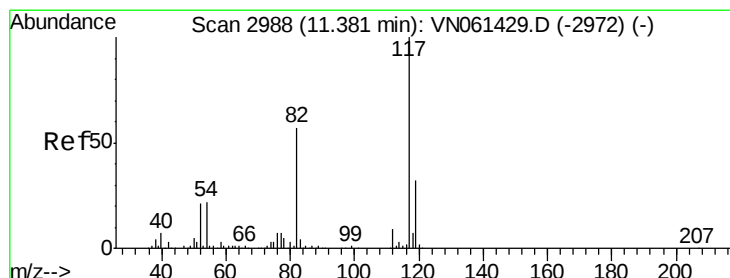
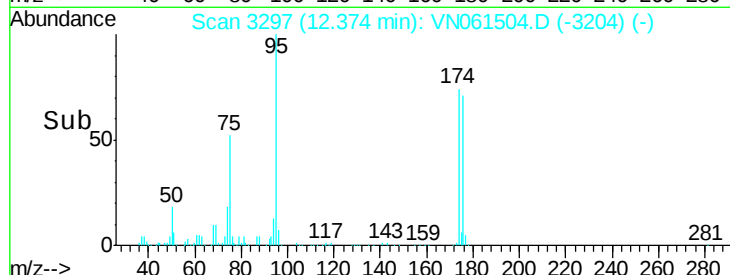
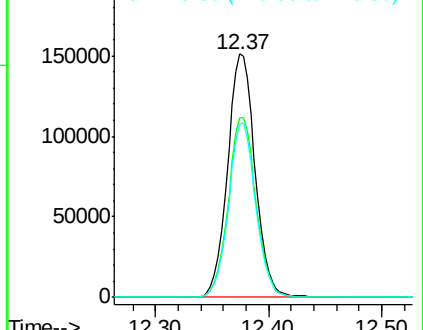
176 70.9 0.0 137.6



Abundance Ion 94.90 (94.60 to 95.60): VN061429.D (-3283) (-)

Ion 173.80 (173.50 to 174.50): VN061429.D (-3283) (-)

Ion 175.80 (175.50 to 176.50): VN061429.D (-3283) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2988

Delta R.T. 0.00 min

Lab File: VN061504.D

Acq: 20 May 2020 16:40

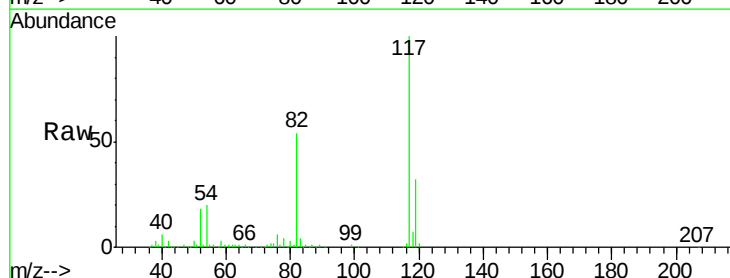
Tgt Ion: 117 Resp: 525381

Ion Ratio Lower Upper

117 100

82 54.4 45.2 67.8

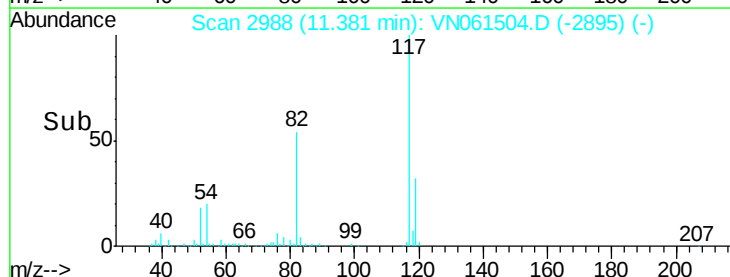
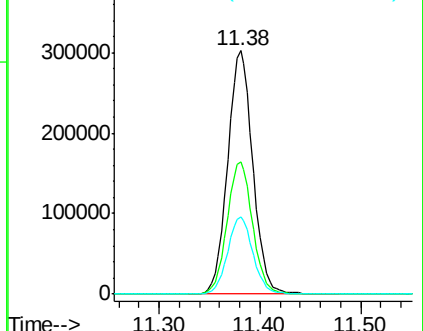
119 31.8 25.3 37.9

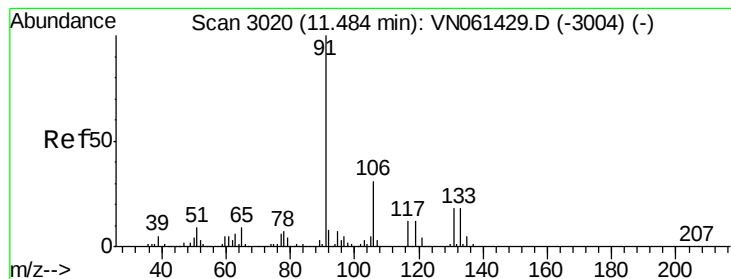


Abundance Ion 116.90 (116.60 to 117.60): VN061429.D (-2972) (-)

Ion 82.00 (81.70 to 82.70): VN061429.D (-2972) (-)

Ion 118.90 (118.60 to 119.60): VN061429.D (-2972) (-)





#67

Ethyl Benzene

Concen: 12.333 ug/l

RT: 11.48 min Scan# 3020

Delta R.T. 0.00 min

Lab File: VN061504.D

Acq: 20 May 2020 16:40

Instrument :

MSVOA_N

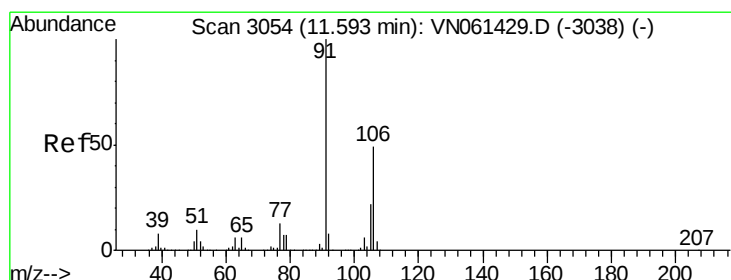
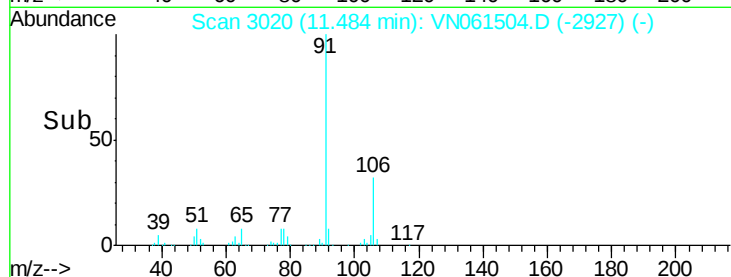
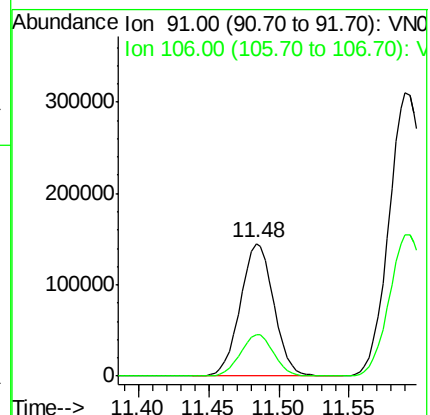
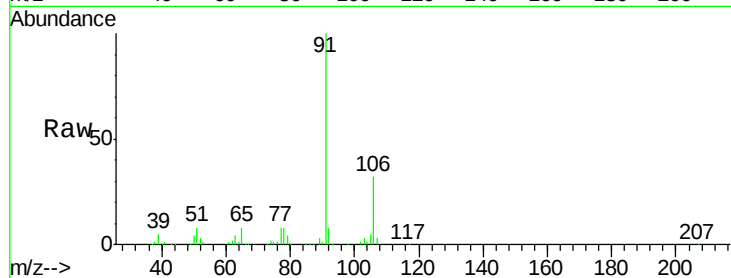
ClientSampled :

Tot Ion: 91 Resp: 241194

Ion Ratio Lower Upper

91 100

106 31.6 24.6 36.8



#68

m/p-Xylenes

Concen: 40.201 ug/l

RT: 11.59 min Scan# 3053

Delta R.T. -0.00 min

Lab File: VN061504.D

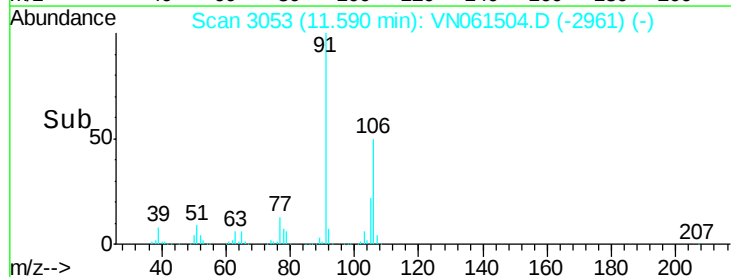
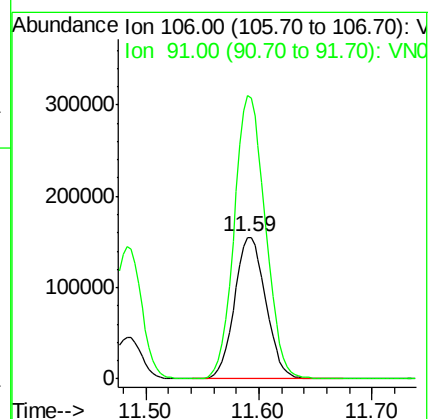
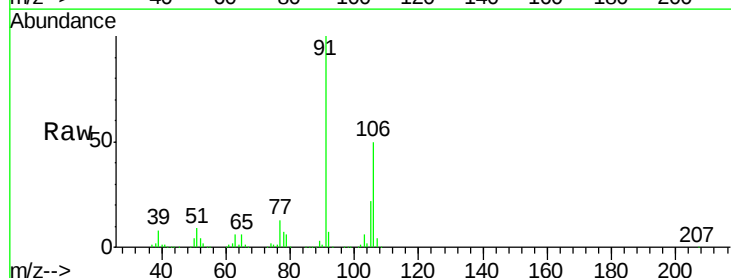
Acq: 20 May 2020 16:40

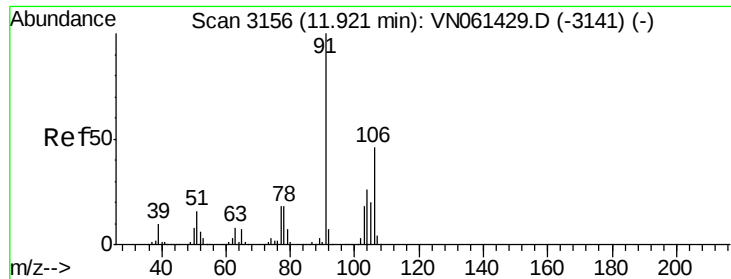
Tgt Ion: 106 Resp: 298420

Ion Ratio Lower Upper

106 100

91 199.0 163.0 244.6

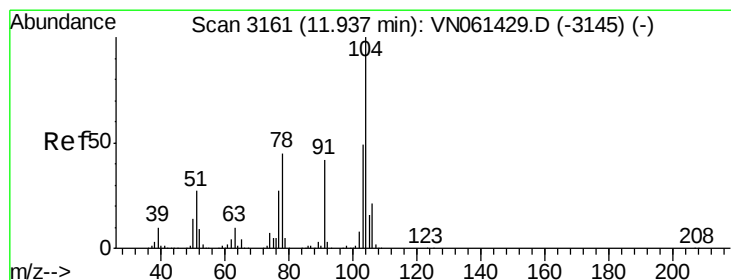
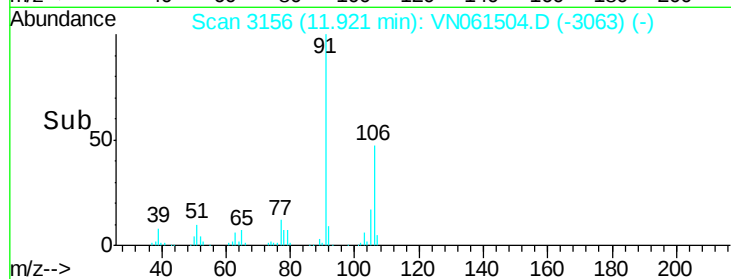
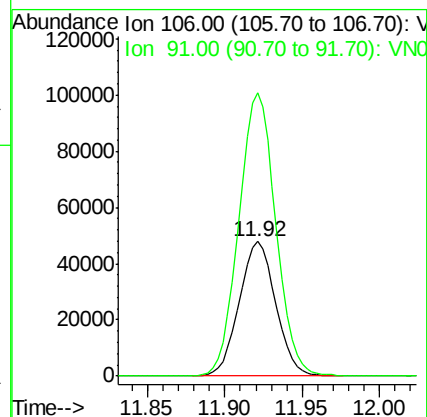
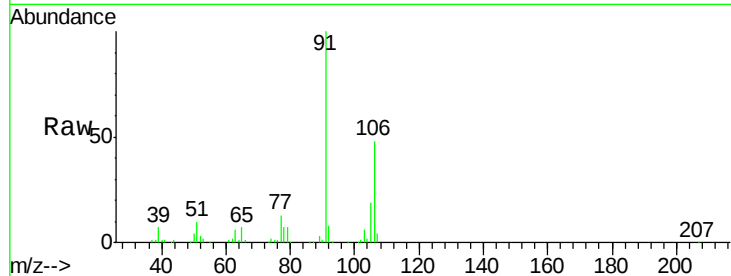




#69
o-Xylene
Concen: 10.919 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. 0.00 min
Lab File: VN061504.D
Acq: 20 May 2020 16:40

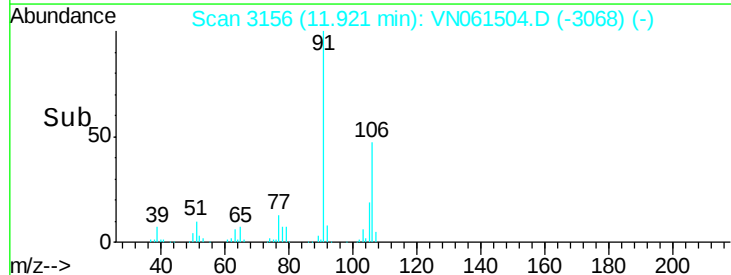
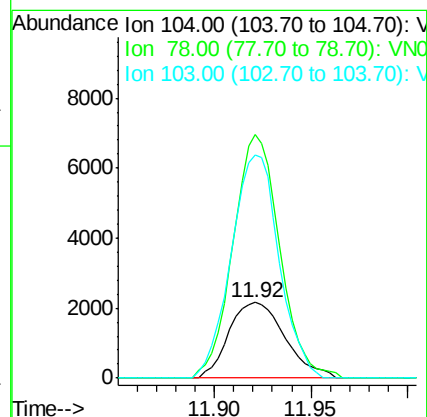
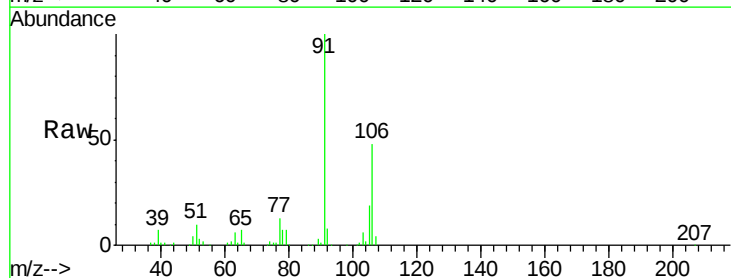
Instrument :
MSVOA_N
ClientSampled :

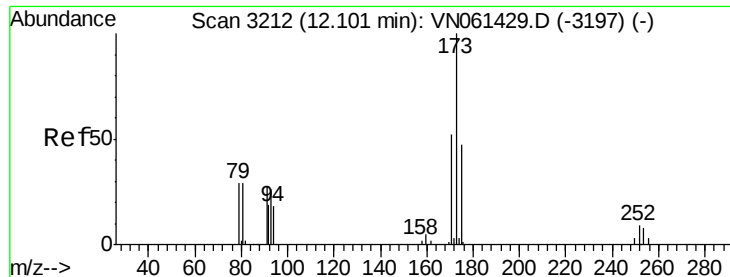
Tot Ion:106 Resp: 78440
Ion Ratio Lower Upper
106 100
91 212.8 107.9 323.7



#70
Styrene
Concen: 0.368 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.02 min
Lab File: VN061504.D
Acq: 20 May 2020 16:40

Tgt Ion:104 Resp: 4376
Ion Ratio Lower Upper
104 100
78 266.7 40.7 61.1#
103 251.1 43.0 64.4#

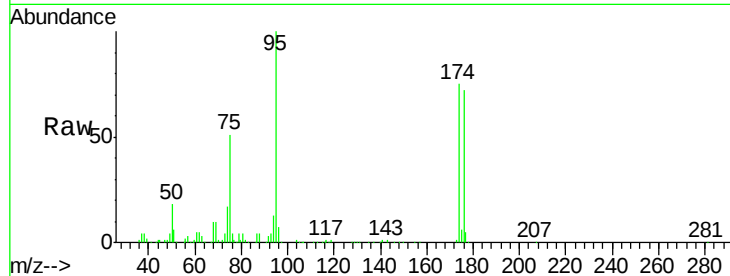




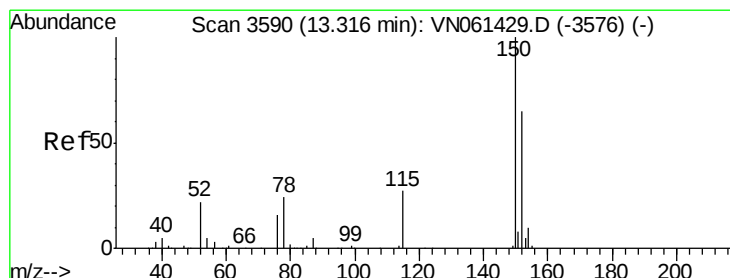
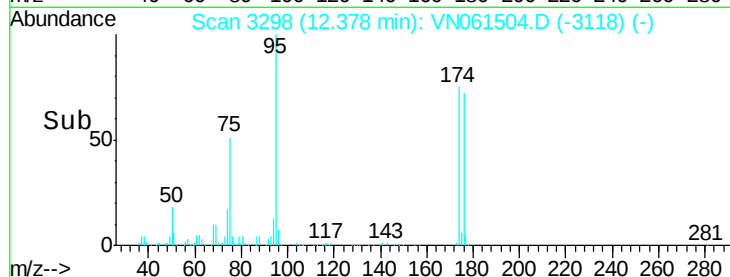
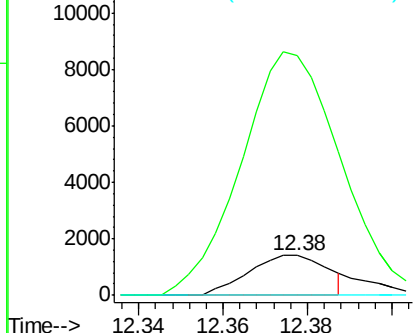
#71
Bromoform
Concen: 2.608 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. 0.28 min
Lab File: VN061504.D
Acq: 20 May 2020 16:40

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:173 Resp: 1829
Ion Ratio Lower Upper
173 100
175 672.9 23.9 71.8#
254 0.0 0.0 0.0

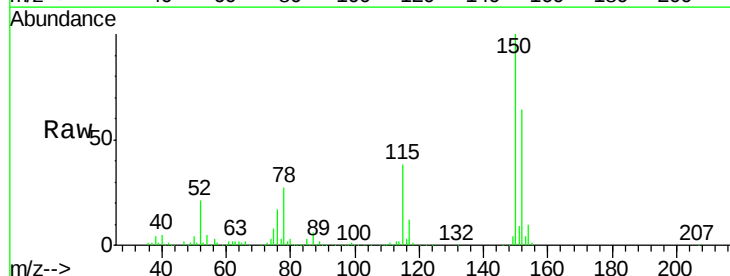


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

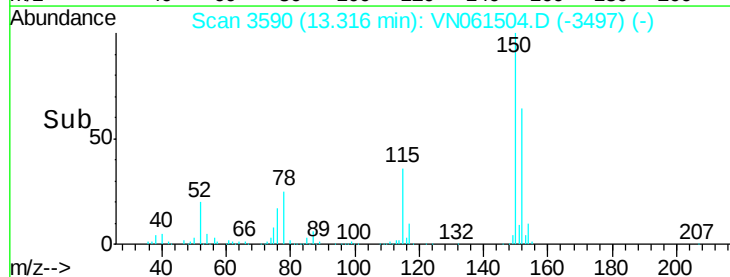
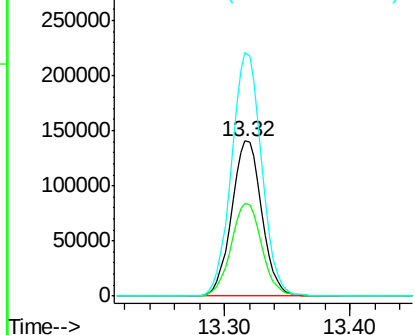


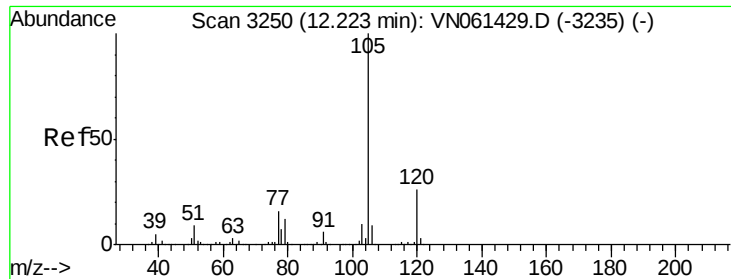
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3590
Delta R.T. 0.00 min
Lab File: VN061504.D
Acq: 20 May 2020 16:40

Tgt Ion:152 Resp: 235101
Ion Ratio Lower Upper
152 100
115 61.1 30.9 92.5
150 156.6 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: 0.646 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. 0.00 min

Lab File: VN061504.D

Acq: 20 May 2020 16:40

Instrument :

MSVOA_N

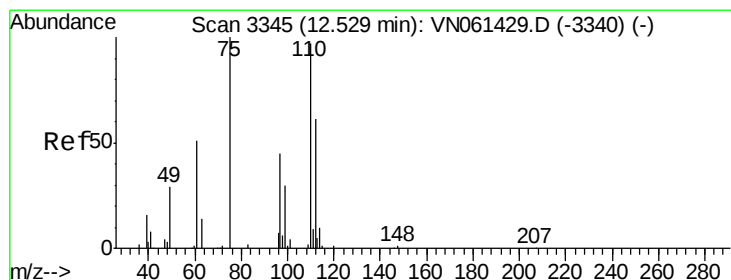
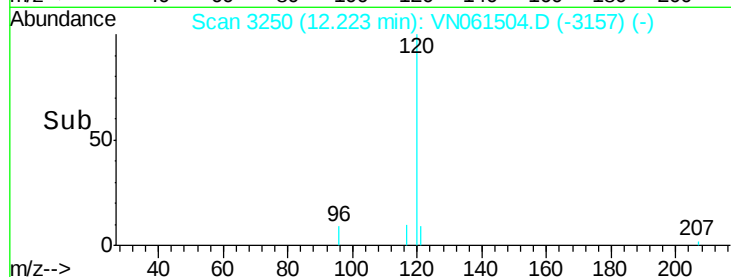
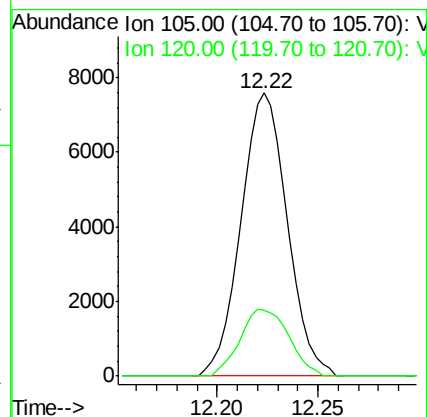
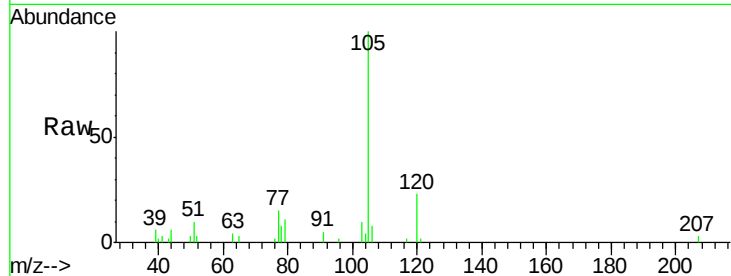
ClientSampleId :

Tot Ion:105 Resp: 12200

Ion Ratio Lower Upper

105 100

120 24.9 13.0 39.0



#76

1,2,3-Trichloropropane

Concen: 26.112 ug/l

RT: 12.37 min Scan# 3297

Delta R.T. -0.15 min

Lab File: VN061504.D

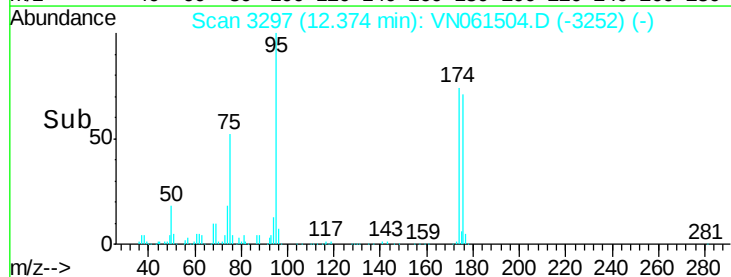
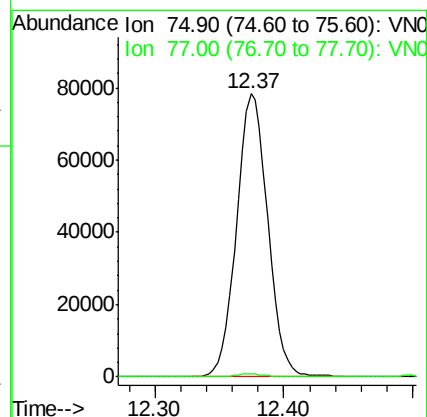
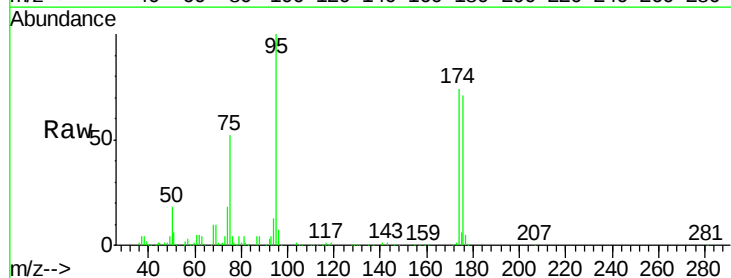
Acq: 20 May 2020 16:40

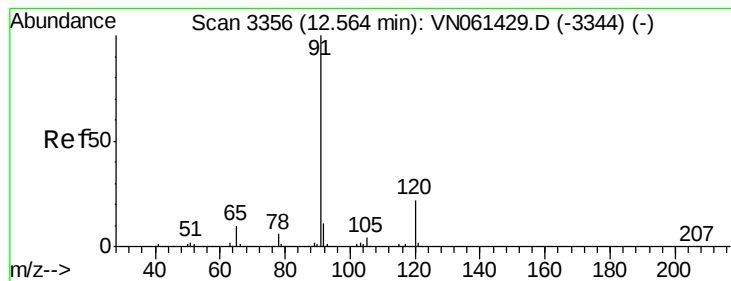
Tgt Ion: 75 Resp: 131727

Ion Ratio Lower Upper

75 100

77 1.0 0.0 0.0#





#78

n-propylbenzene

Concen: 1.745 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. 0.00 min

Lab File: VN061504.D

Acq: 20 May 2020 16:40

Instrument :

MSVOA_N

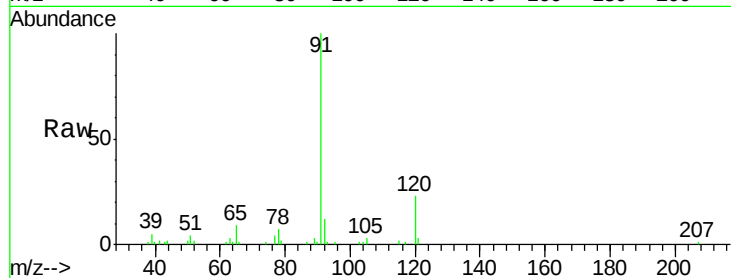
ClientSampled :

Tot Ion: 91 Resp: 37523

Ion Ratio Lower Upper

91 100

120 23.3 11.2 33.6



Abundance Ion 91.00 (90.70 to 91.70): VN061504.D (-3263) (-)

Ion 120.00 (119.70 to 120.70): VN061504.D (-3263) (-)

12.57

25000

20000

15000

10000

5000

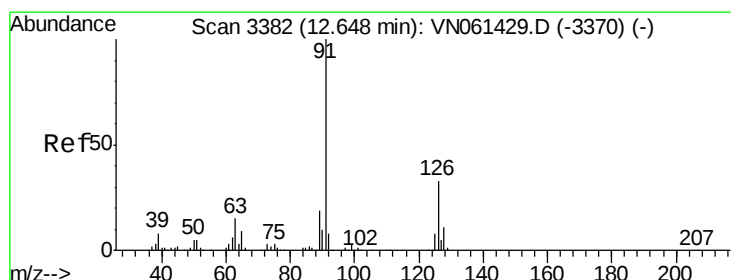
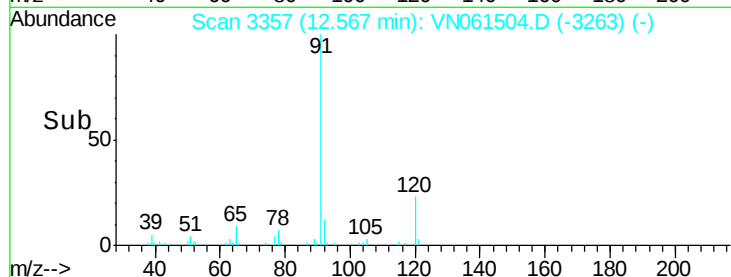
0

Time-->

12.50

12.55

12.60



#79

2-Chlorotoluene

Concen: 0.937 ug/l

RT: 12.63 min Scan# 3377

Delta R.T. -0.02 min

Lab File: VN061504.D

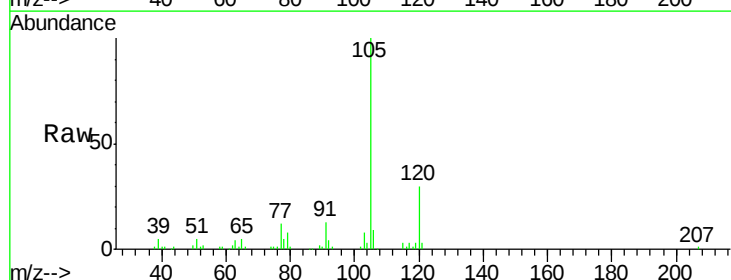
Acq: 20 May 2020 16:40

Tgt Ion: 91 Resp: 11911

Ion Ratio Lower Upper

91 100

126 1.3 16.3 48.9#



Abundance Ion 91.00 (90.70 to 91.70): VN061504.D (-3289) (-)

Ion 125.90 (125.60 to 126.60): VN061504.D (-3289) (-)

12.63

20000

15000

10000

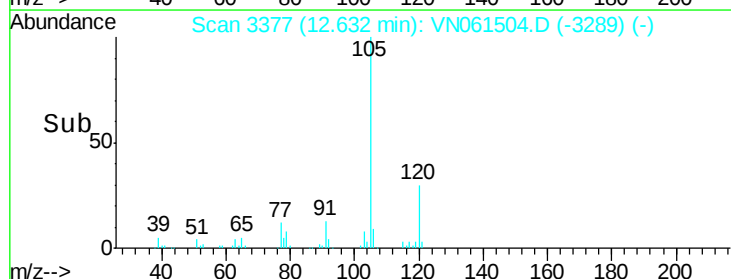
5000

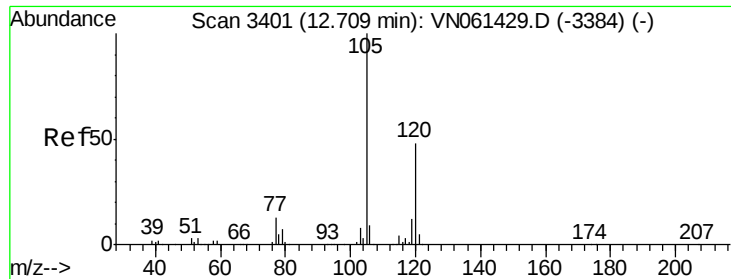
0

Time-->

12.60

12.65

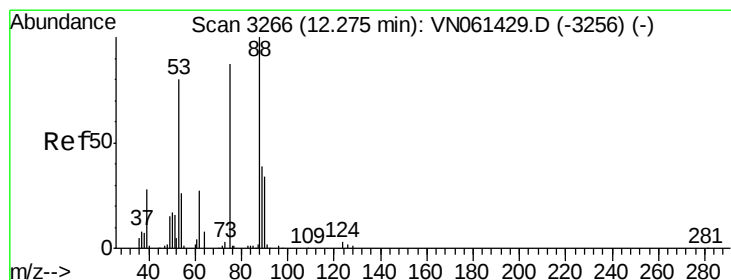
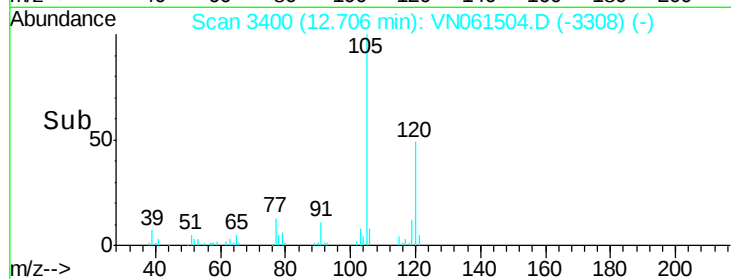
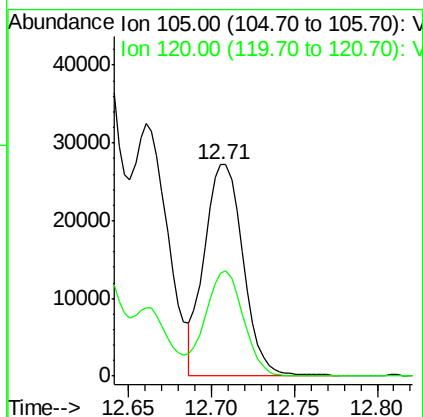
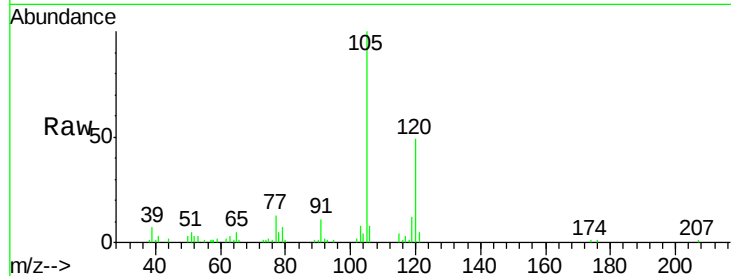




#80
 1,3,5-Trimethylbenzene
 Concen: 2.873 ug/l
 RT: 12.71 min Scan# 3400
 Delta R.T. -0.00 min
 Lab File: VN061504.D
 Acq: 20 May 2020 16:40

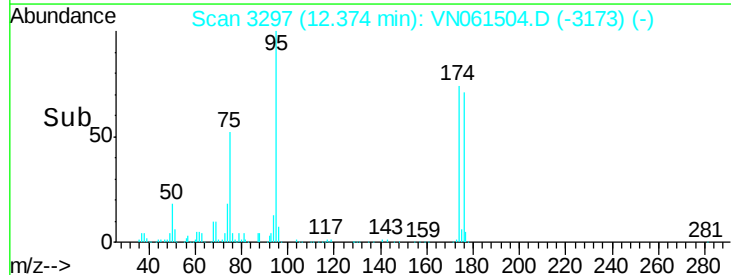
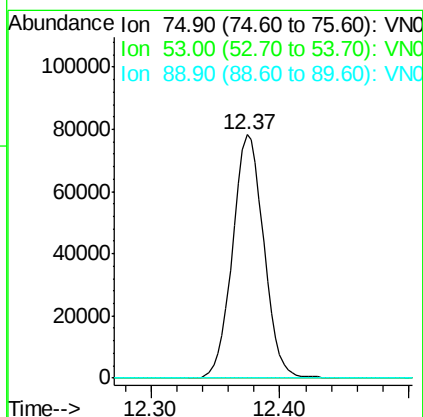
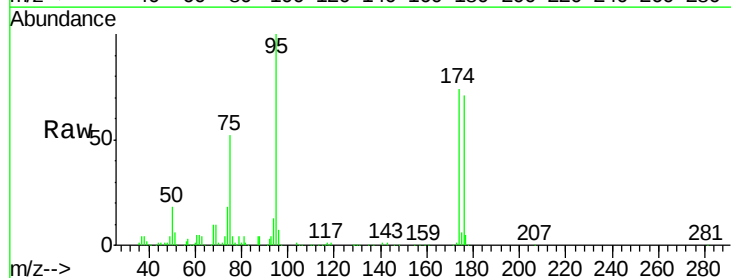
Instrument :
 MSVOA_N
 ClientSampleId :

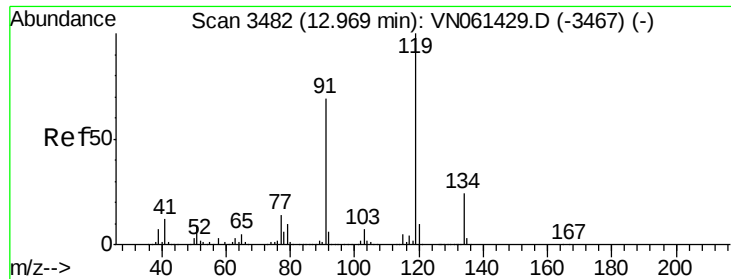
Tot Ion:105 Resp: 44396
 Ion Ratio Lower Upper
 105 100
 120 49.2 24.1 72.4



#81
 trans-1,4-Dichloro-2-butene
 Concen: 69.269 ug/l
 RT: 12.37 min Scan# 3297
 Delta R.T. 0.10 min
 Lab File: VN061504.D
 Acq: 20 May 2020 16:40

Tgt Ion: 75 Resp: 131727
 Ion Ratio Lower Upper
 75 100
 53 0.0 75.2 112.8#
 89 0.0 38.2 57.4#

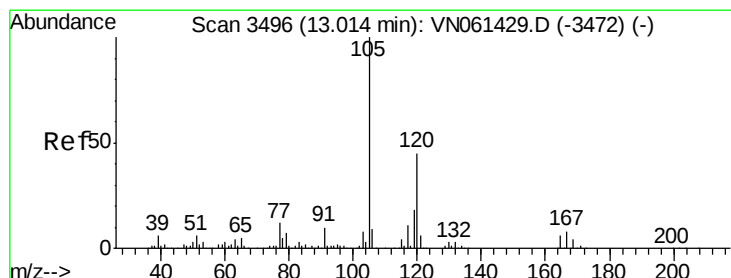
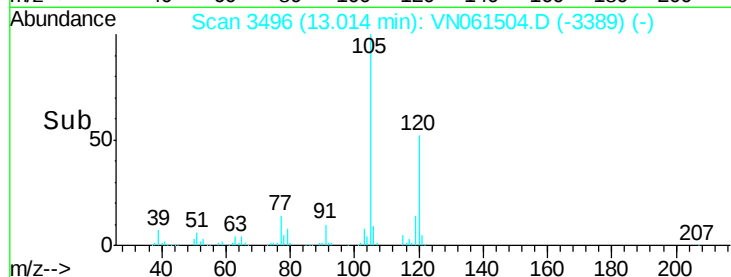
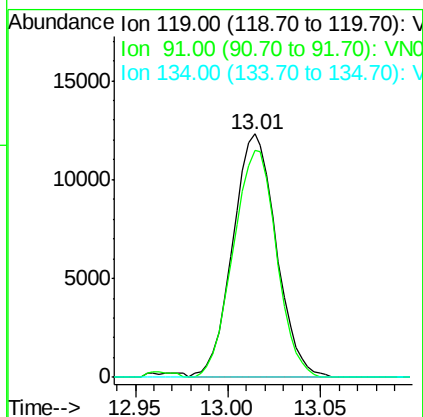
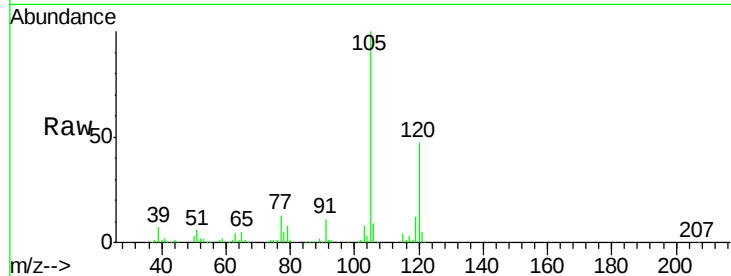




#83
tert-Butylbenzene
Concen: 1.512 ug/l
RT: 13.01 min Scan# 3496
Delta R.T. 0.05 min
Lab File: VN061504.D
Acq: 20 May 2020 16:40

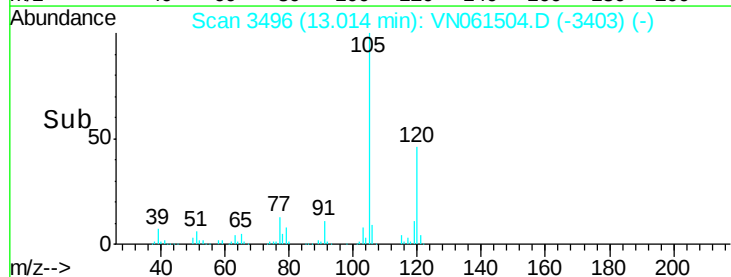
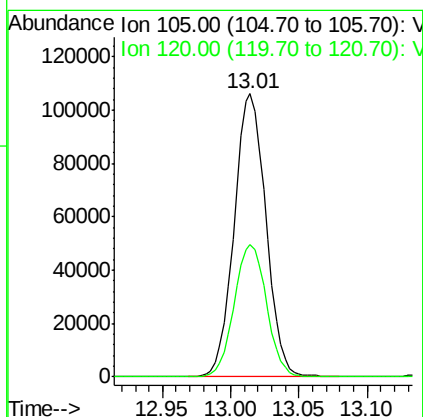
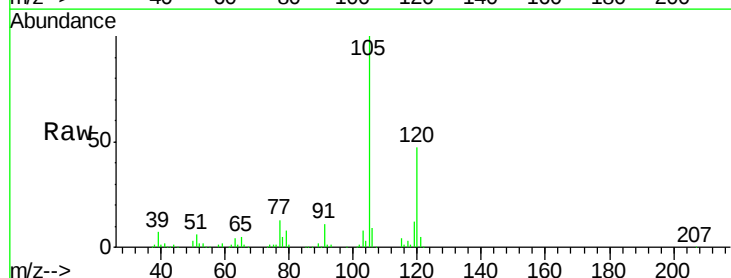
Instrument :
MSVOA_N
ClientSampleId :

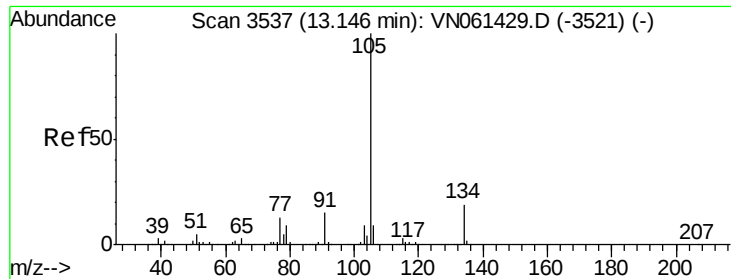
Tot Ion:119 Resp: 20012
Ion Ratio Lower Upper
119 100
91 92.9 33.7 101.0
134 0.0 12.8 38.3#



#84
1,2,4-Trimethylbenzene
Concen: 11.102 ug/l
RT: 13.01 min Scan# 3496
Delta R.T. 0.00 min
Lab File: VN061504.D
Acq: 20 May 2020 16:40

Tgt Ion:105 Resp: 171698
Ion Ratio Lower Upper
105 100
120 47.4 22.4 67.3





#85

sec-Butylbenzene

Concen: 9.592 ug/l

RT: 13.01 min Scan# 3496

Delta R.T. -0.13 min

Lab File: VN061504.D

Acq: 20 May 2020 16:40

Instrument :

MSVOA_N

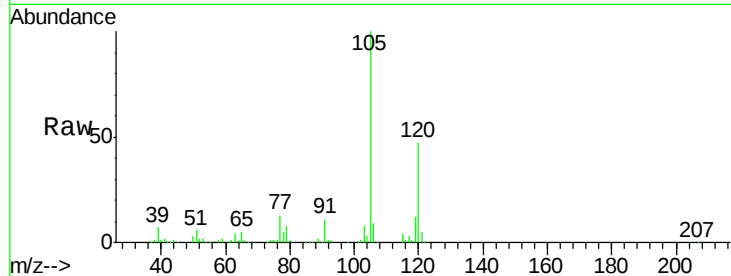
ClientSampled :

Tot Ion:105 Resp: 171698

Ion Ratio Lower Upper

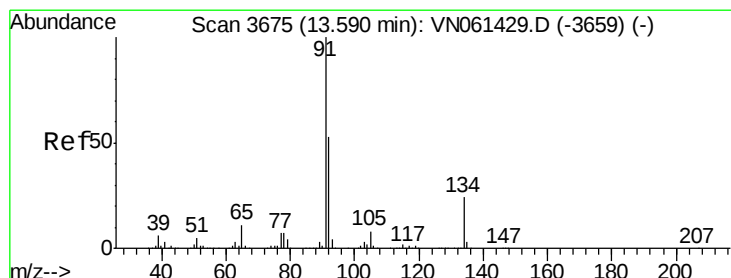
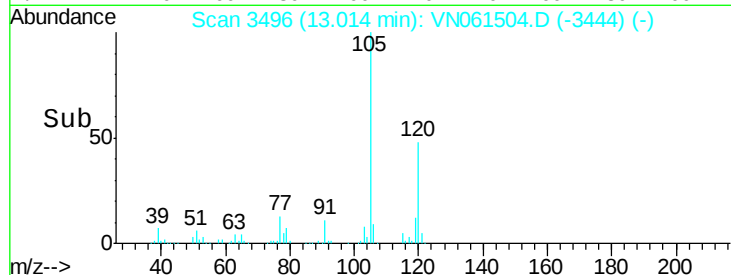
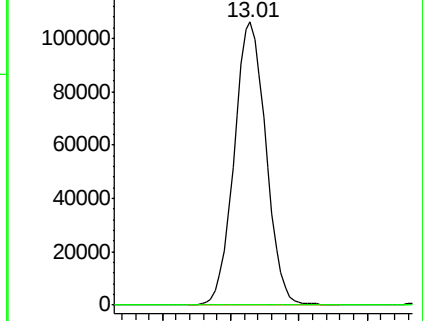
105 100

134 0.0 9.8 29.5#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#89

n-Butylbenzene

Concen: 0.210 ug/l

RT: 13.59 min Scan# 3675

Delta R.T. 0.00 min

Lab File: VN061504.D

Acq: 20 May 2020 16:40

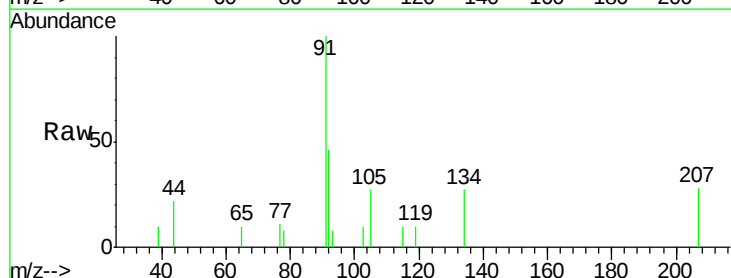
Tgt Ion: 91 Resp: 3030

Ion Ratio Lower Upper

91 100

92 59.3 26.8 80.3

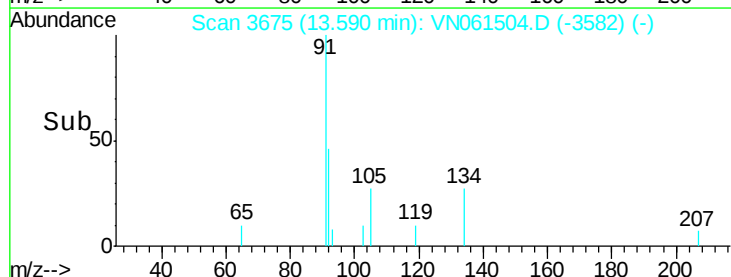
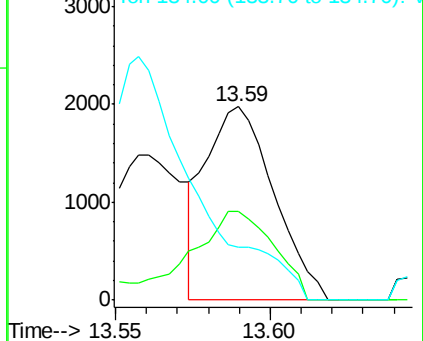
134 0.0 12.4 37.4#

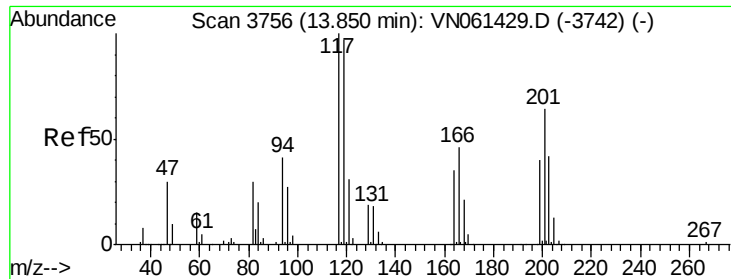


Abundance Ion 91.00 (90.70 to 91.70): V

Ion 92.00 (91.70 to 92.70): V

Ion 134.00 (133.70 to 134.70): V

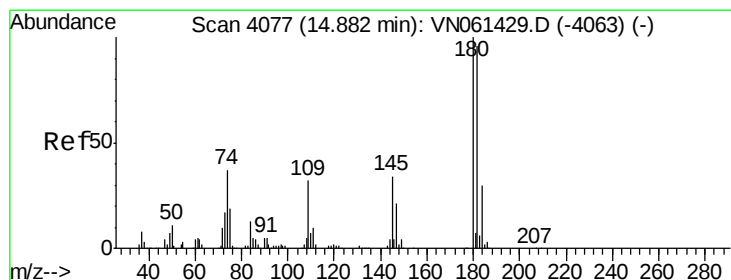
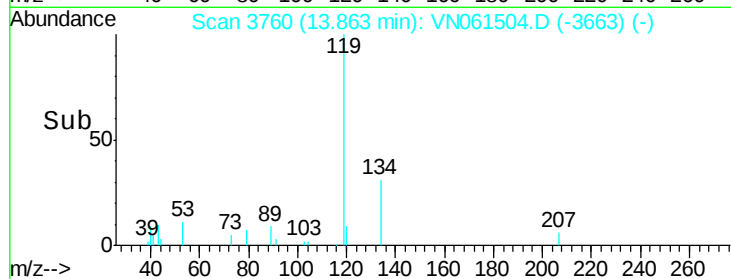
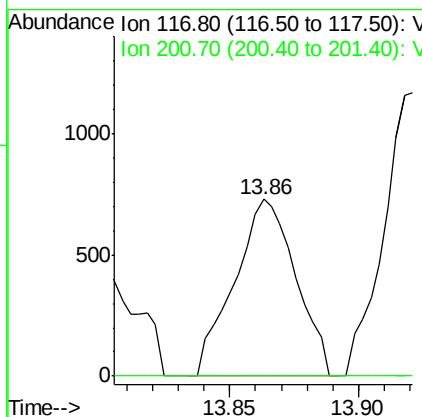
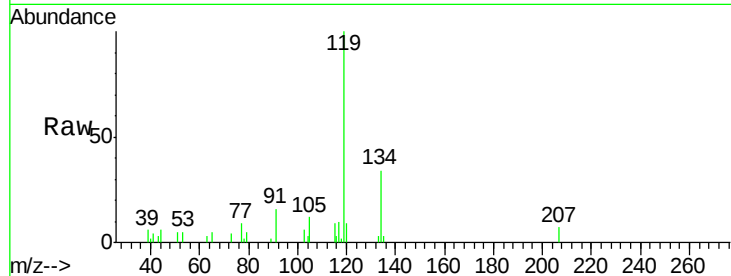




#90
Hexachloroethane
Concen: 0.564 ug/l
RT: 13.86 min Scan# 3760
Delta R.T. 0.01 min
Lab File: VN061504.D
Acq: 20 May 2020 16:40

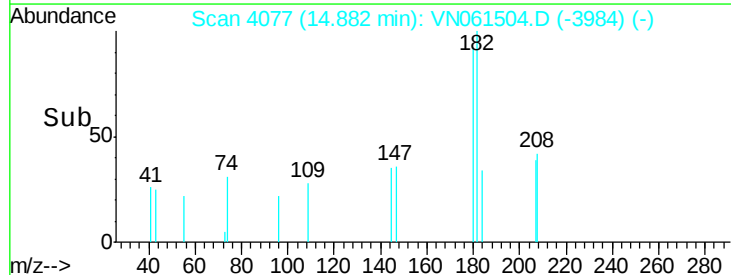
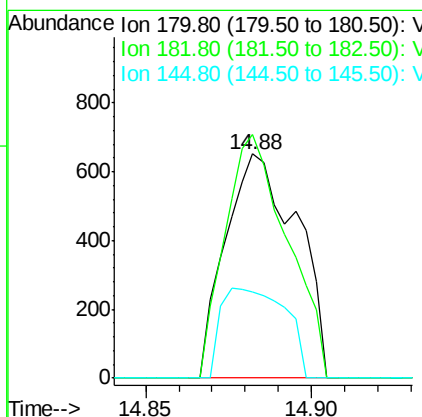
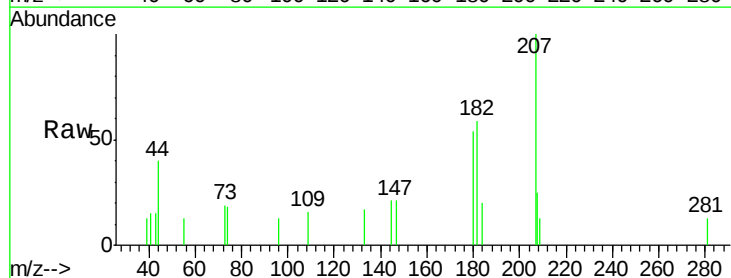
Instrument :
MSVOA_N
ClientSampled :

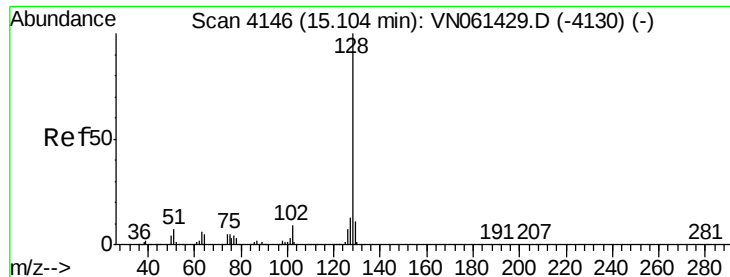
Tot Ion:117 Resp: 1215
Ion Ratio Lower Upper
117 100
201 0.0 32.9 98.7#



#93
1,2,4-Trichlorobenzene
Concen: 0.250 ug/l
RT: 14.88 min Scan# 4077
Delta R.T. 0.00 min
Lab File: VN061504.D
Acq: 20 May 2020 16:40

Tgt Ion:180 Resp: 975
Ion Ratio Lower Upper
180 100
182 95.1 47.0 141.0
145 36.0 16.7 50.0





#95

Naphthalene

Concen: 2.196 ug/l

RT: 15.10 min Scan# 4146

Delta R.T. 0.00 min

Lab File: VN061504.D

Acq: 20 May 2020 16:40

Instrument :

MSVOA_N

ClientSampleId :

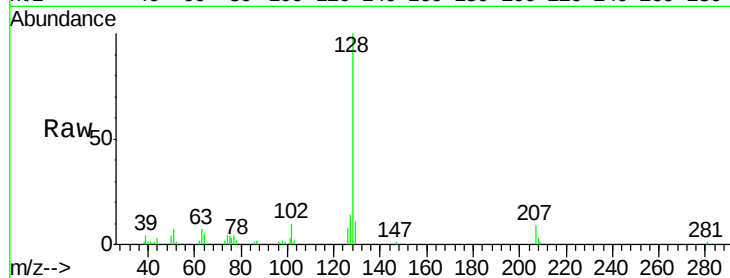
Tot Ion:128 Resp: 27220

Ion Ratio Lower Upper

128 100

127 13.7 10.1 15.1

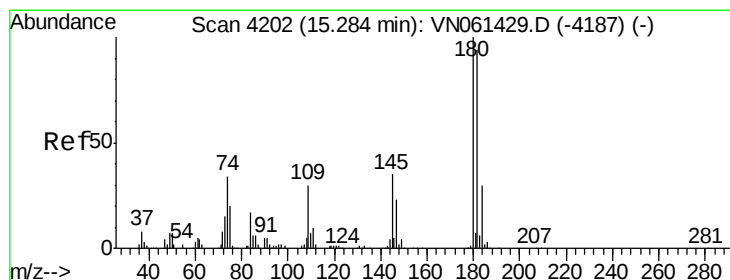
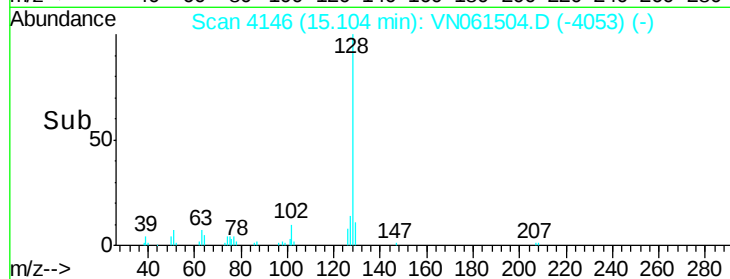
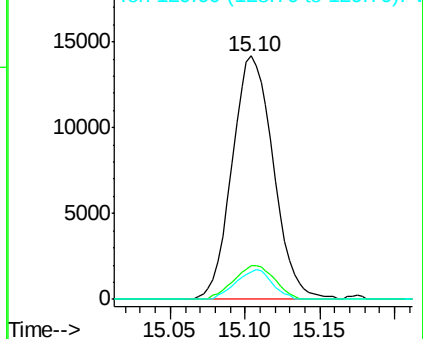
129 10.7 8.6 13.0



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: 0.254 ug/l

RT: 15.28 min Scan# 4201

Delta R.T. -0.00 min

Lab File: VN061504.D

Acq: 20 May 2020 16:40

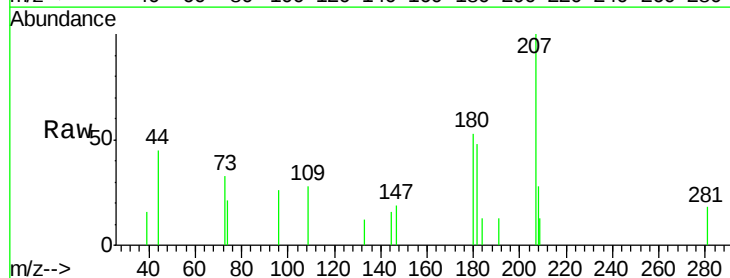
Tgt Ion:180 Resp: 984

Ion Ratio Lower Upper

180 100

182 109.7 47.8 143.3

145 18.9 17.3 51.9



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

