

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112018\
 Data File : VN052421.D
 Acq On : 20 Nov 2018 21:18
 Operator : MD\SY
 Sample : J5999-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 24 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 20 23:58:35 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N111418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 15 03:02:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	321336	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	533866	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	471931	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	177809	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	240373	52.96	ug/l	0.00
Spiked Amount			Recovery	=	105.92%	
35) Dibromofluoromethane	7.59	113	177485	51.54	ug/l	0.00
Spiked Amount			Recovery	=	103.08%	
50) Toluene-d8	10.09	98	690160	50.95	ug/l	0.00
Spiked Amount			Recovery	=	101.90%	
62) 4-Bromofluorobenzene	12.40	95	214805	48.20	ug/l	0.00
Spiked Amount			Recovery	=	96.40%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acrolein	3.61	56	62	21.927	ug/l #	14
14) Allyl chloride	4.53	41	4170238	613.980	ug/l #	23
16) Acetone	3.82	43	9844	7.878	ug/l	93
18) Methyl Acetate	4.53	43	463980	131.792	ug/l	96
28) Bromochloromethane	7.20	49	957	0.250	ug/l #	74
30) Chloroform	7.37	83	3797	0.536	ug/l	92
31) Cyclohexane	7.67	56	11698	0.649	ug/l #	29
36) 1,1-Dichloropropene	7.67	75	30738	5.744	ug/l #	50
38) Carbon Tetrachloride	7.66	117	35369	7.195	ug/l #	16
40) Benzene	8.04	78	27638	1.808	ug/l	91
41) Methacrylonitrile	7.16	41	163	3.765	ug/l #	100
43) Isopropyl Acetate	8.17	43	16020	2.138	ug/l #	93
48) Methyl methacrylate	9.18	41	5721	1.505	ug/l #	16
51) 4-Methyl-2-Pentanone	10.02	43	3270	0.867	ug/l #	41
52) Toluene	10.16	92	239021	26.138	ug/l	99
53) t-1,3-Dichloropropene	10.16	75	3443	0.662	ug/l #	1
54) cis-1,3-Dichloropropene	9.90	75	19331	3.262	ug/l #	75
57) 1,3-Dichloropropane	10.76	76	4523	0.770	ug/l #	43
59) 2-Hexanone	10.76	43	82814	31.918	ug/l #	55
61) 1,2-Dibromoethane	11.00	107	1104	0.334	ug/l	98
67) Ethyl Benzene	11.51	91	91166	5.266	ug/l	98
68) m/p-Xylenes	11.62	106	113621	17.961	ug/l	97
69) o-Xylene	11.95	106	49163	8.107	ug/l	97
70) Styrene	11.95	104	2638	0.272	ug/l #	1
71) Bromoform	12.39	173	485	0.241	ug/l #	1
73) Isopropylbenzene	12.25	105	5916	0.414	ug/l	93
76) 1,2,3-Trichloropropane	12.40	75	123544	40.948	ug/l #	100
78) n-propylbenzene	12.59	91	23452	1.403	ug/l	99
79) 2-Chlorotoluene	12.65	91	10565	1.082	ug/l #	41
80) 1,3,5-Trimethylbenzene	12.73	105	33773	2.971	ug/l	96
81) trans-1,4-Dichloro-2-buten	12.40	75	123544	132.811	ug/l #	5
82) 4-Chlorotoluene	12.73	91	4624	0.462	ug/l #	41
83) tert-Butylbenzene	13.04	119	15983	1.592	ug/l #	60
84) 1,2,4-Trimethylbenzene	13.04	105	131671	11.537	ug/l	98

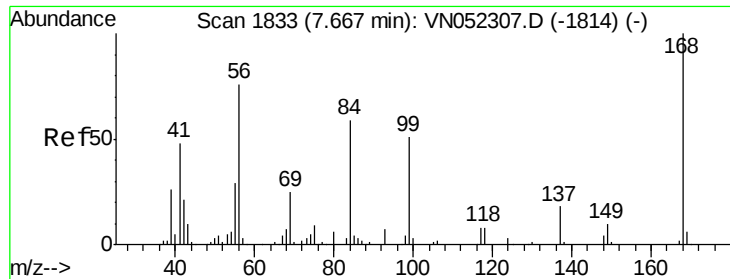
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112018\
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Quant Title : SW846 8260
QLast Update : Thu Nov 15 03:02:37 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
85) sec-Butylbenzene	13.04	105	131671	9.631	ug/l #	58
90) Hexachloroethane	13.89	117	1419	0.692	ug/l #	14
95) Naphthalene	15.13	128	25361	6.424	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN052421.D

Acq: 20 Nov 2018 21:18

Instrument :

MSVOA_N

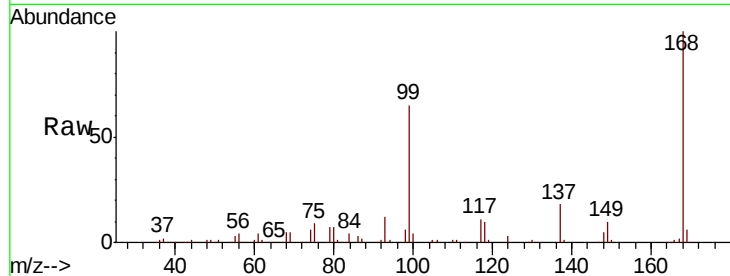
ClientSampled :

Tot Ion:168 Resp: 321336

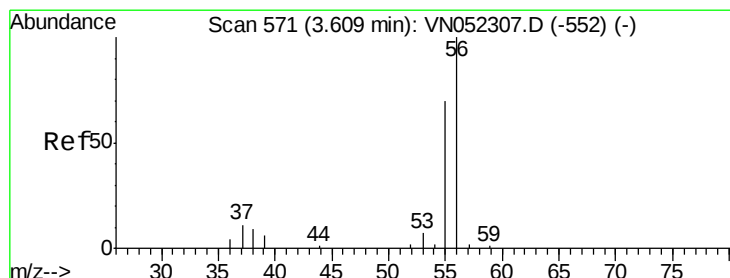
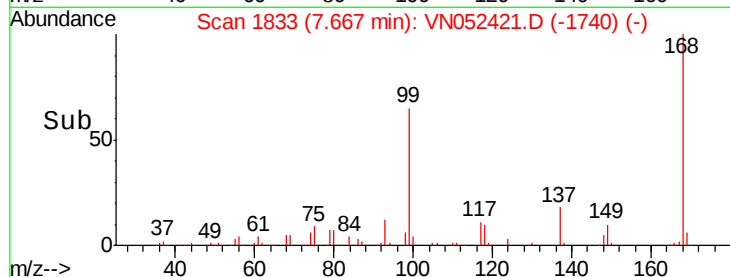
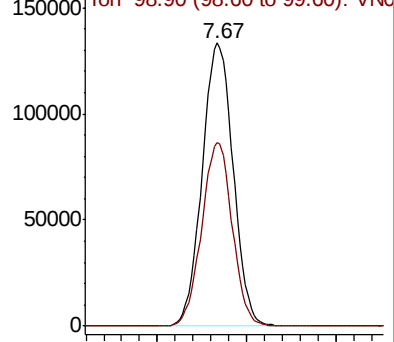
Ion Ratio Lower Upper

168 100

99 65.1 47.9 71.9



Abundance Ion 167.90 (167.60 to 168.60): VN052307.D (-1814) (-)



#13

Acrolein

Concen: 21.927 ug/l

RT: 3.61 min Scan# 571

Delta R.T. 0.00 min

Lab File: VN052421.D

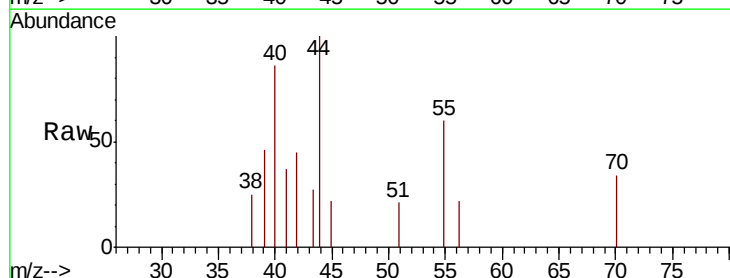
Acq: 20 Nov 2018 21:18

Tgt Ion: 56 Resp: 62

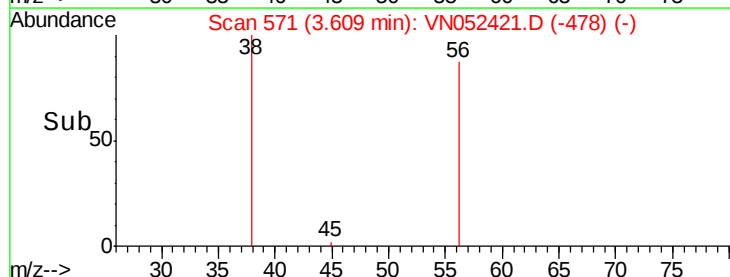
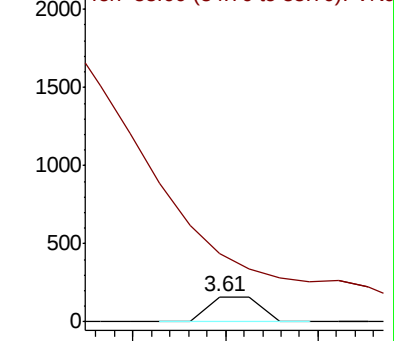
Ion Ratio Lower Upper

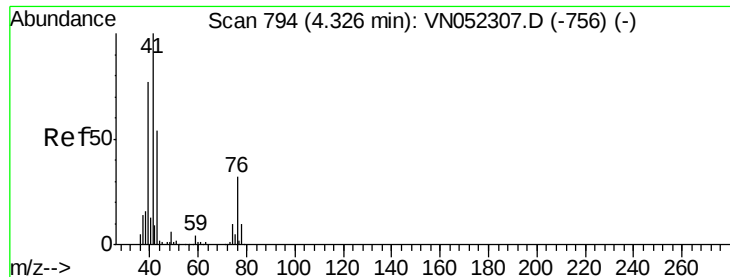
56 100

55 0.0 57.6 86.4#



Abundance Ion 56.00 (55.70 to 56.70): VN052307.D (-552) (-)





#14

Allvl chloride

Concen: 613.980 ug/l

RT: 4.53 min Scan# 857

Delta R.T. 0.20 min

Lab File: VN052421.D

Acq: 20 Nov 2018 21:18

Instrument :

MSVOA_N

ClientSampleId :

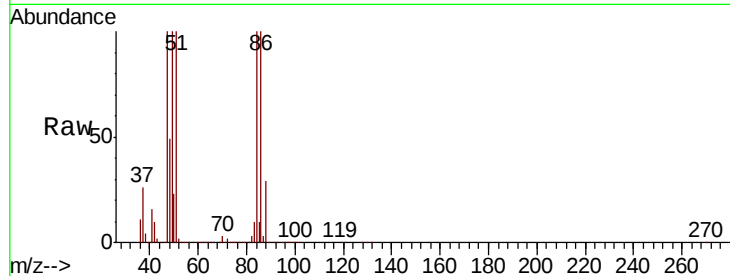
Tot Ion: 41 Resp: 4170238

Ion Ratio Lower Upper

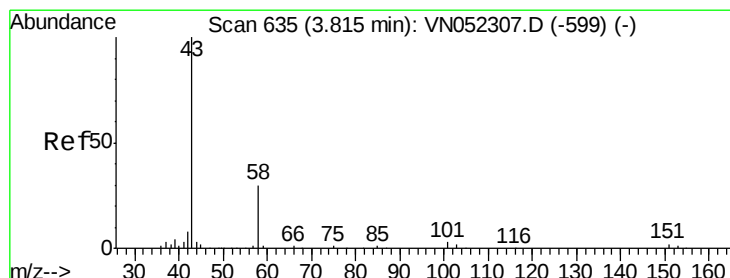
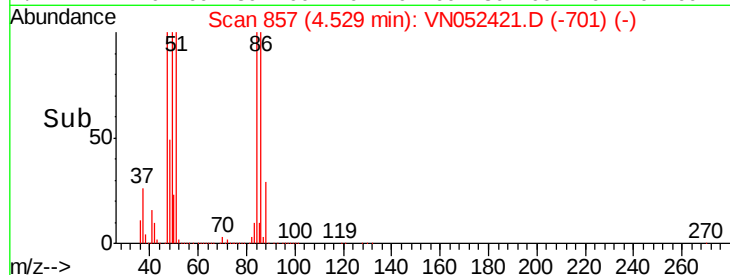
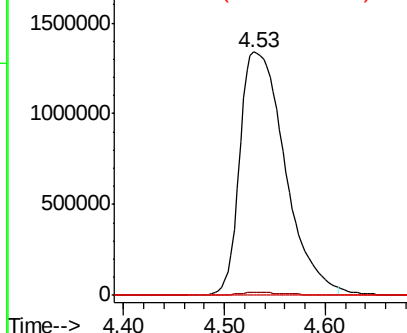
41 100

39 1.2 59.1 88.7#

76 0.0 24.1 36.1#



Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO
Ion 75.90 (75.60 to 76.60): VNO



#16

Acetone

Concen: 7.878 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN052421.D

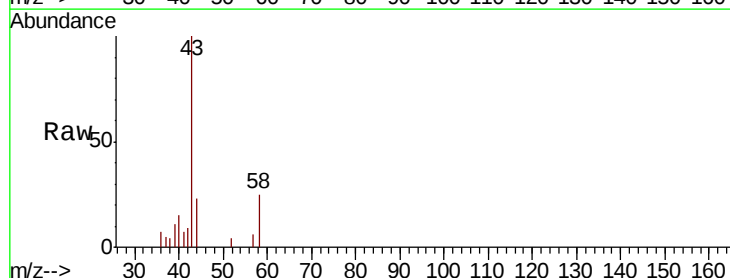
Acq: 20 Nov 2018 21:18

Tgt Ion: 43 Resp: 9844

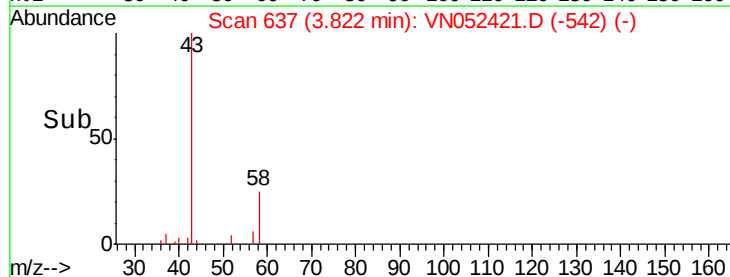
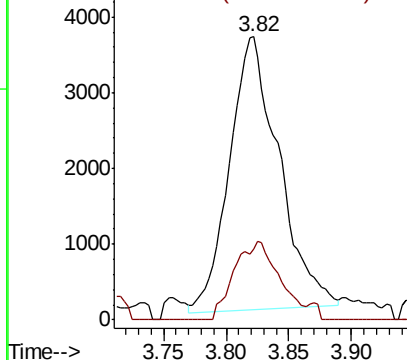
Ion Ratio Lower Upper

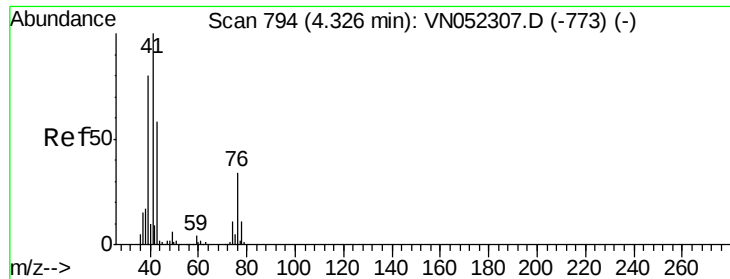
43 100

58 26.4 24.2 36.4



Abundance Ion 43.00 (42.70 to 43.70): VNO
Ion 58.00 (57.70 to 58.70): VNO

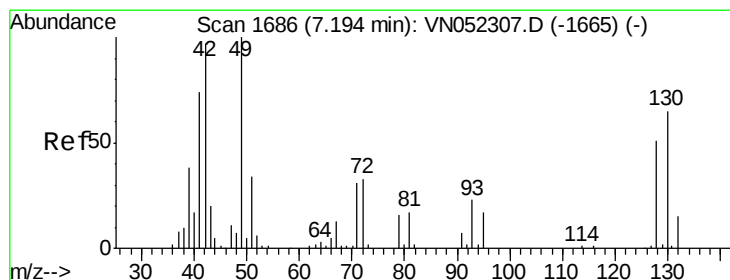
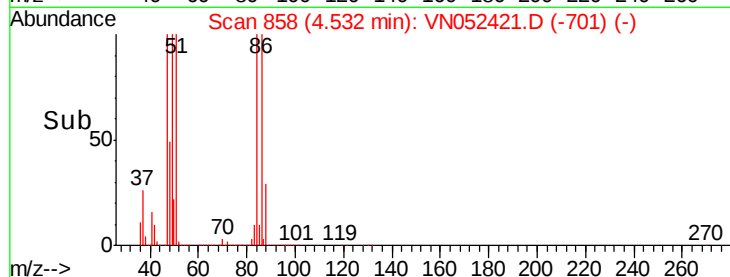
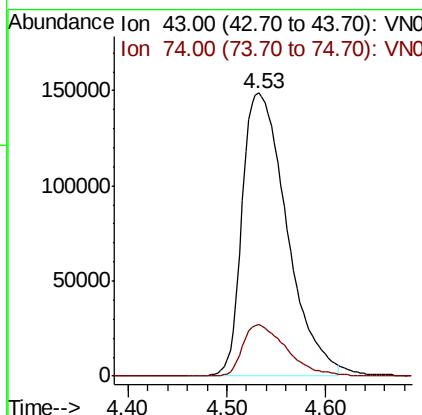
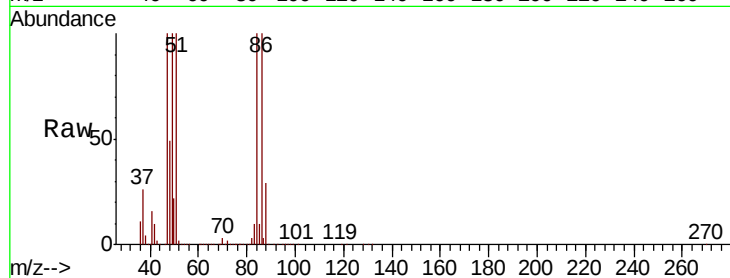




#18
Methvl Acetate
Concen: 131.792 ug/l
RT: 4.53 min Scan# 858
Delta R.T. 0.21 min
Lab File: VN052421.D
Acq: 20 Nov 2018 21:18

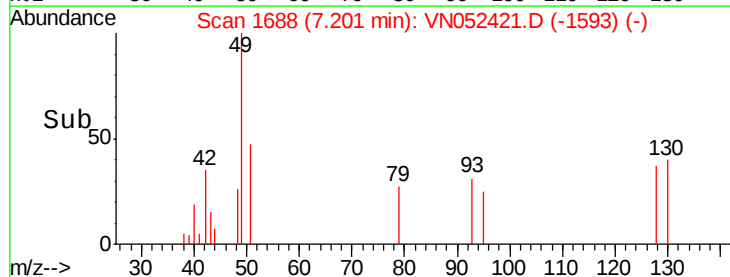
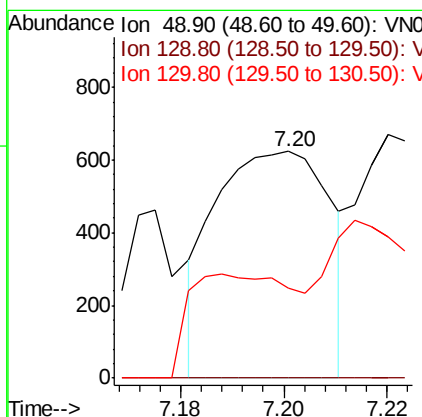
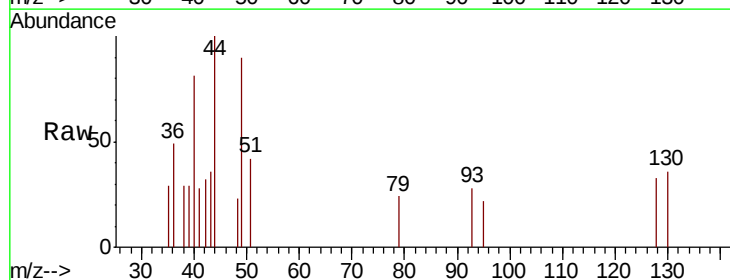
Instrument :
MSVOA_N
ClientSampleId :

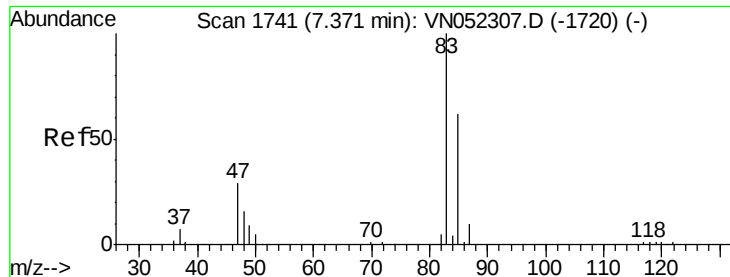
Tot Ion: 43 Resp: 463980
Ion Ratio Lower Upper
43 100
74 17.8 15.9 23.9



#28
Bromochloromethane
Concen: 0.250 ug/l
RT: 7.20 min Scan# 1688
Delta R.T. 0.01 min
Lab File: VN052421.D
Acq: 20 Nov 2018 21:18

Tgt Ion: 49 Resp: 957
Ion Ratio Lower Upper
49 100
129 0.0 0.0 3.0
130 42.6 50.4 75.6#

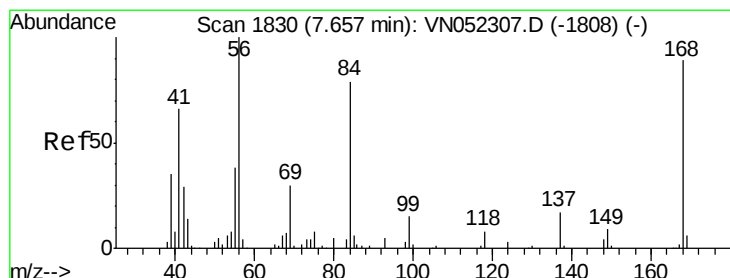
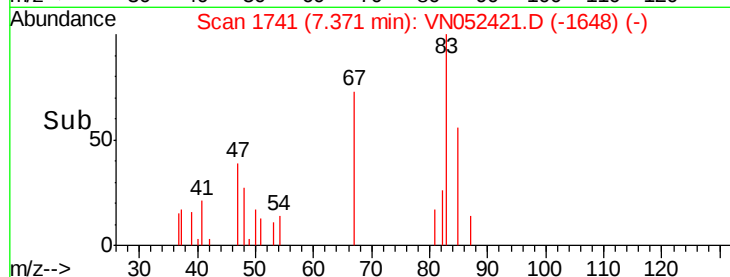
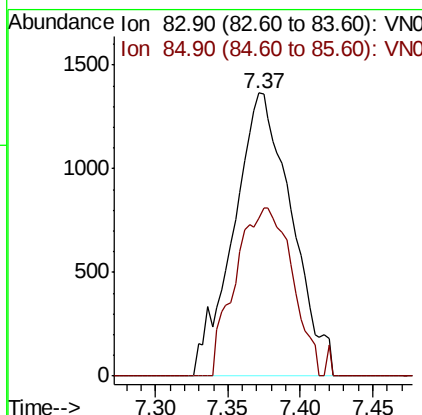
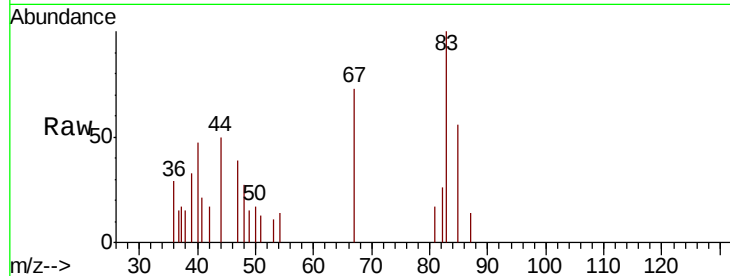




#30
Chloroform
Concen: 0.536 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VN052421.D
Acq: 20 Nov 2018 21:18

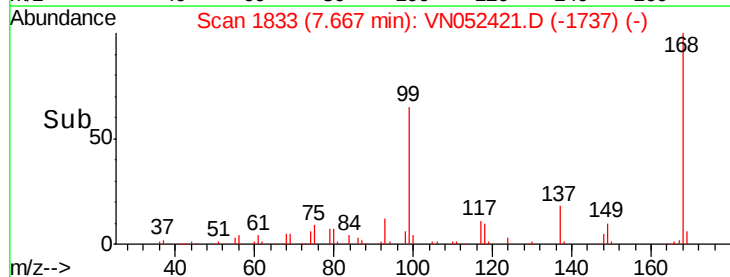
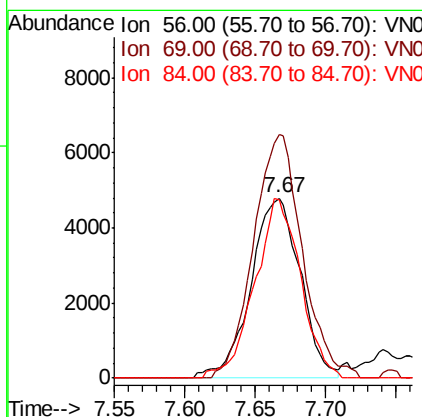
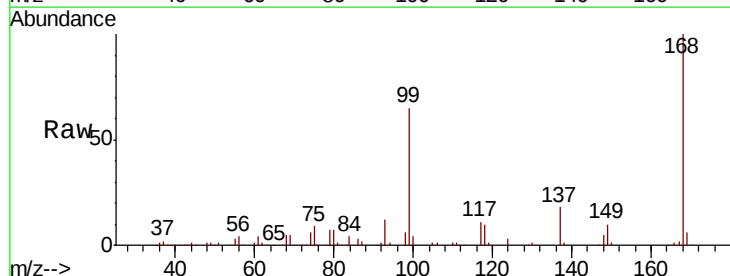
Instrument :
MSVOA_N
ClientSampleId :

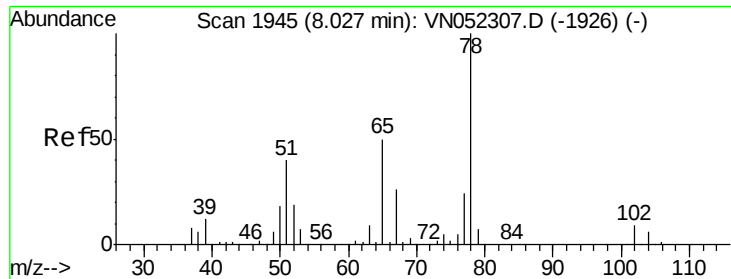
Tot Ion: 83 Resp: 3797
Ion Ratio Lower Upper
83 100
85 55.9 49.4 74.2



#31
Cyclohexane
Concen: 0.649 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.01 min
Lab File: VN052421.D
Acq: 20 Nov 2018 21:18

Tgt Ion: 56 Resp: 11698
Ion Ratio Lower Upper
56 100
69 135.6 23.8 35.8#
84 99.2 63.0 94.6#

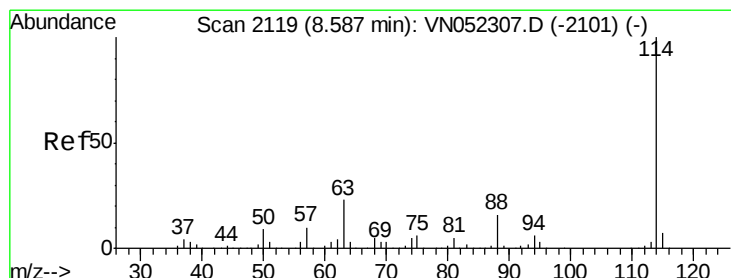
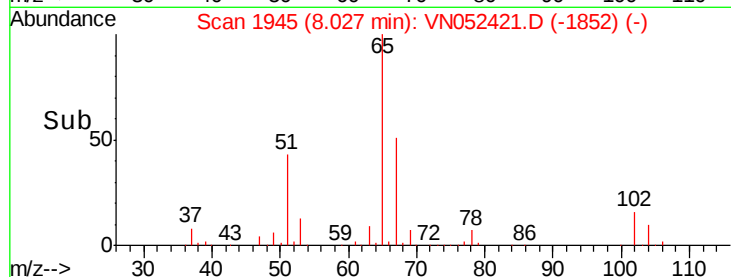
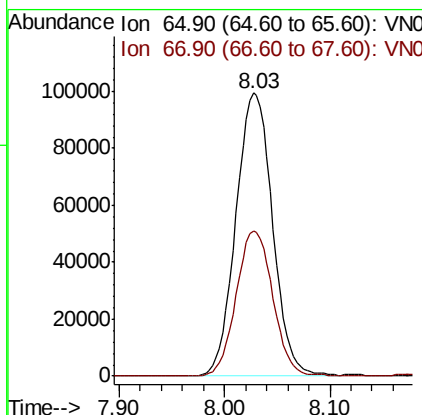
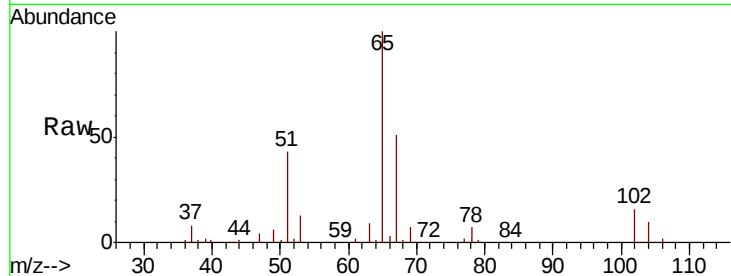




#33
 1,2-Dichloroethane-d4
 Concen: Below ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN052421.D
 Acq: 20 Nov 2018 21:18

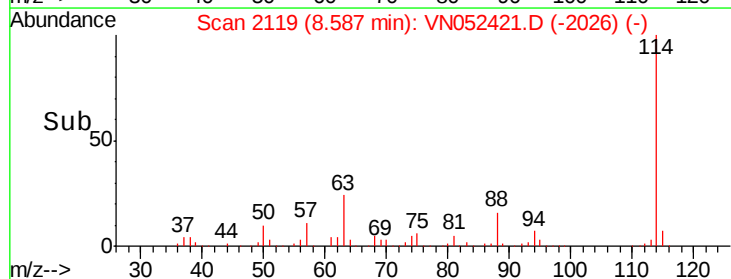
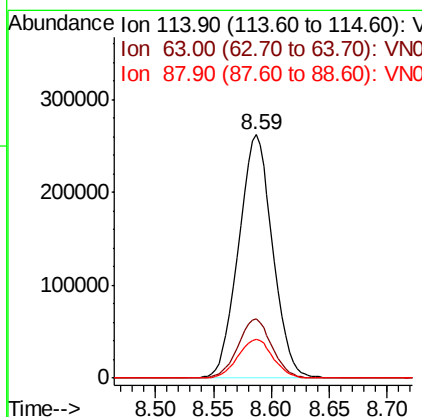
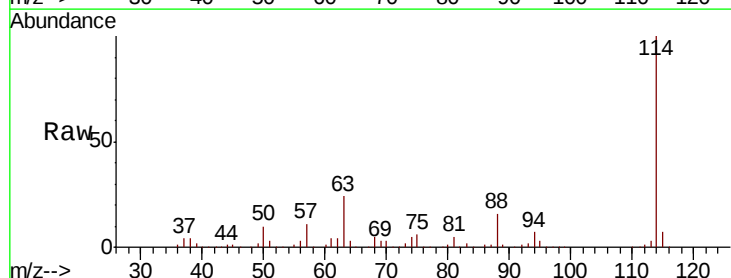
Instrument :
 MSVOA_N
 ClientSampleId :

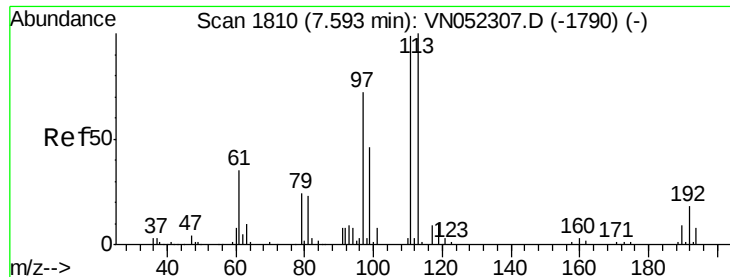
Tot Ion: 65 Resp: 240373
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN052421.D
 Acq: 20 Nov 2018 21:18

Tgt Ion: 114 Resp: 533866
 Ion Ratio Lower Upper
 114 100
 63 24.2 0.0 45.4
 88 15.9 0.0 31.2





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN052421.D

Acq: 20 Nov 2018 21:18

Instrument :
MSVOA_N
ClientSampleId :

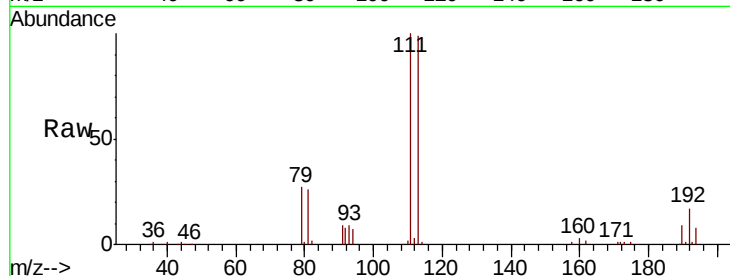
Tot Ion:113 Resp: 177485

Ion Ratio Lower Upper

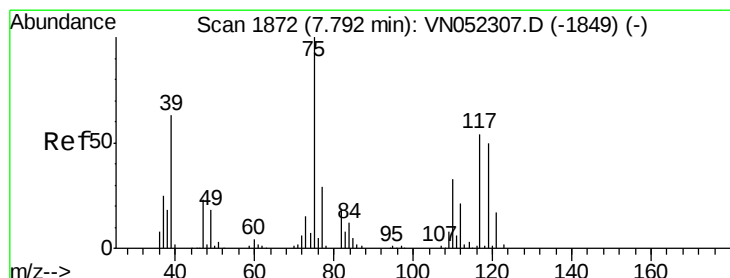
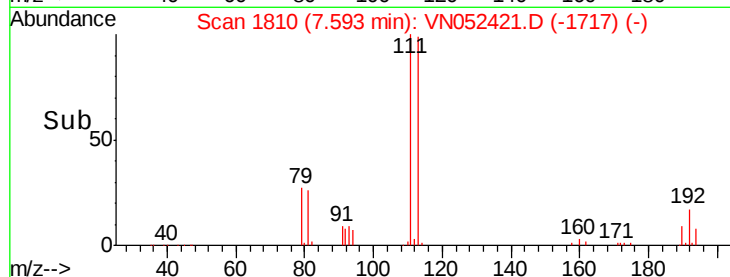
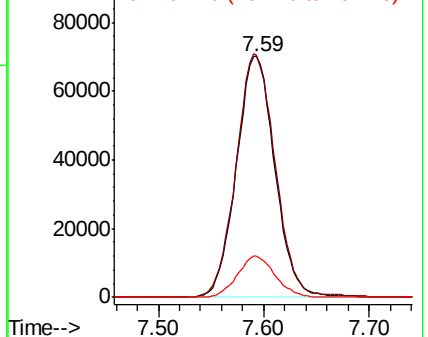
113 100

111 103.2 81.0 121.6

192 16.9 13.8 20.6



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: 5.744 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.13 min

Lab File: VN052421.D

Acq: 20 Nov 2018 21:18

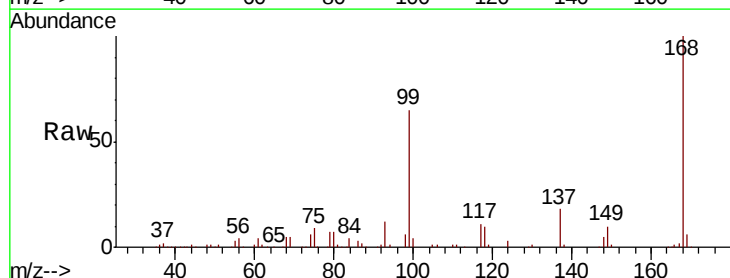
Tgt Ion: 75 Resp: 30738

Ion Ratio Lower Upper

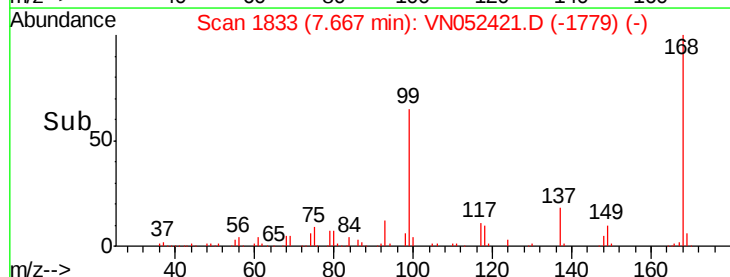
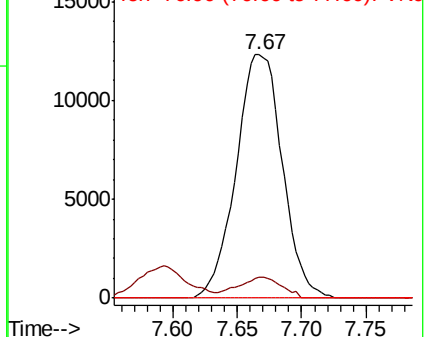
75 100

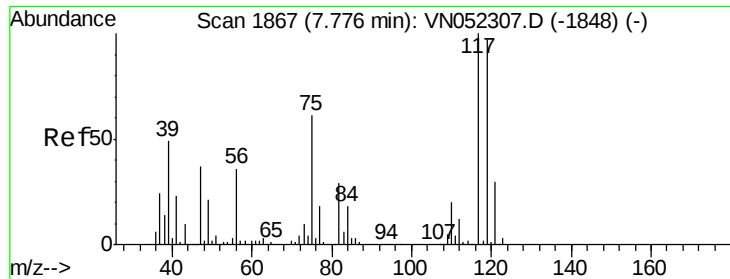
110 8.0 16.5 49.5#

77 0.0 24.2 36.2#



Abundance Ion 74.90 (74.60 to 75.60): V
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): V





#38

Carbon Tetrachloride

Concen: 7.195 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.11 min

Lab File: VN052421.D

Acq: 20 Nov 2018 21:18

Instrument :

MSVOA_N

ClientSampleId :

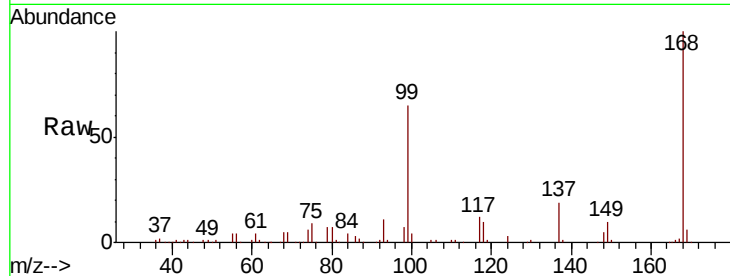
Tot Ion:117 Resp: 35369

Ion Ratio Lower Upper

117 100

119 5.9 77.4 116.0#

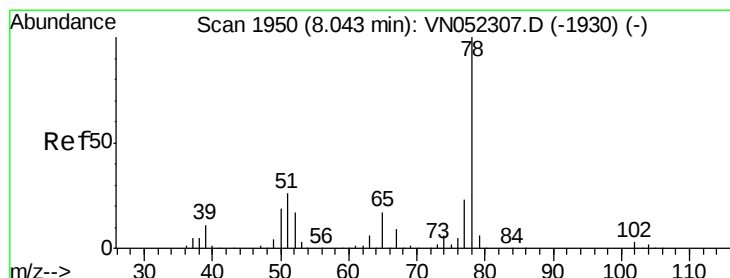
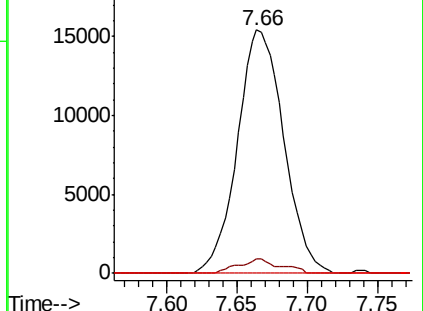
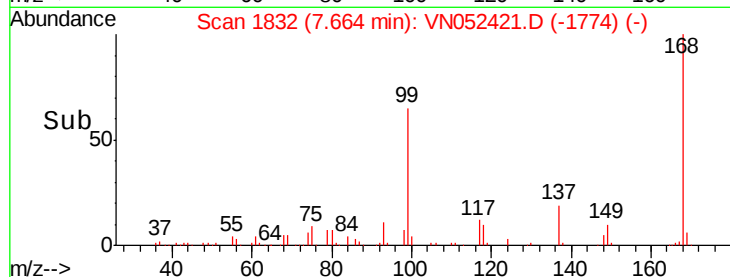
121 0.0 24.0 36.0#



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



#40

Benzene

Concen: 1.808 ug/l

RT: 8.04 min Scan# 1950

Delta R.T. 0.00 min

Lab File: VN052421.D

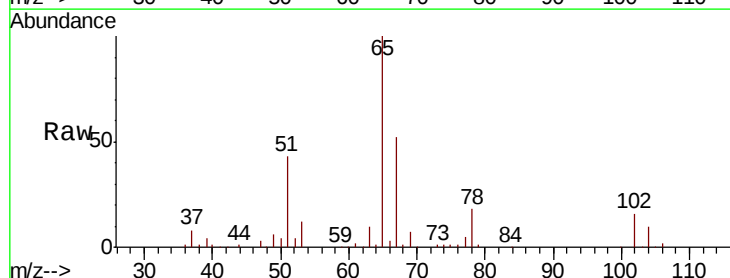
Acq: 20 Nov 2018 21:18

Tgt Ion: 78 Resp: 27638

Ion Ratio Lower Upper

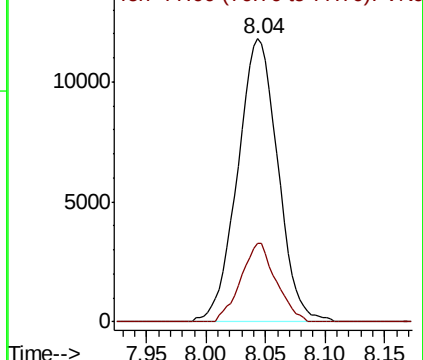
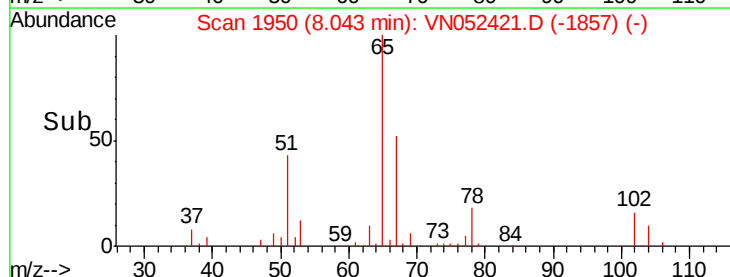
78 100

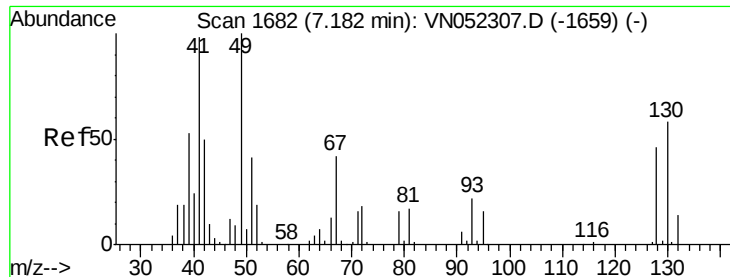
77 27.8 18.7 28.1



Abundance Ion 78.00 (77.70 to 78.70): V

Ion 77.00 (76.70 to 77.70): V





#41

Methacrylonitrile

Concen: 3.765 ug/l

RT: 7.16 min Scan# 1674

Delta R.T. -0.02 min

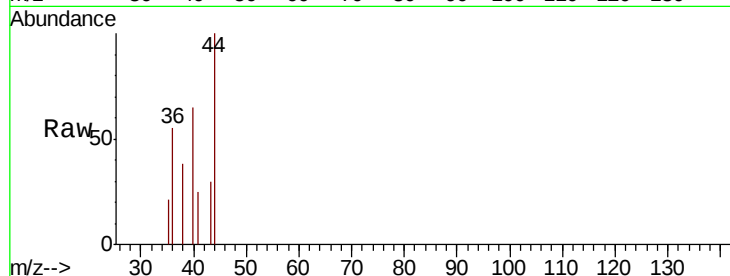
Lab File: VN052421.D

Acq: 20 Nov 2018 21:18

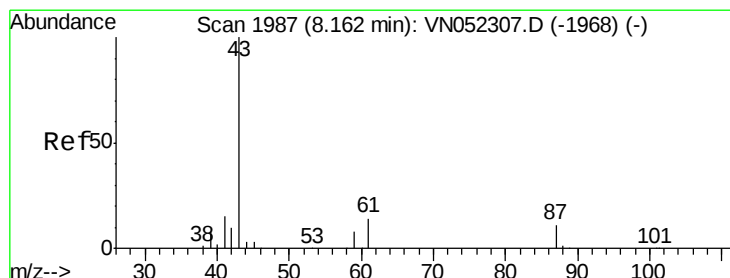
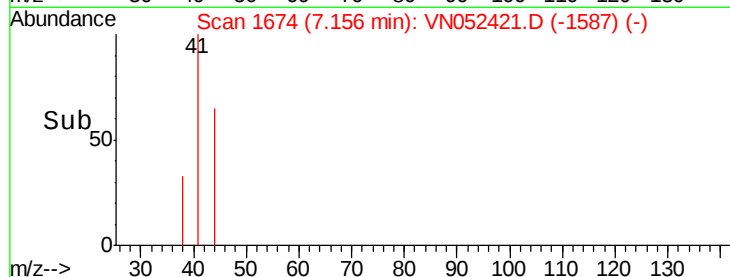
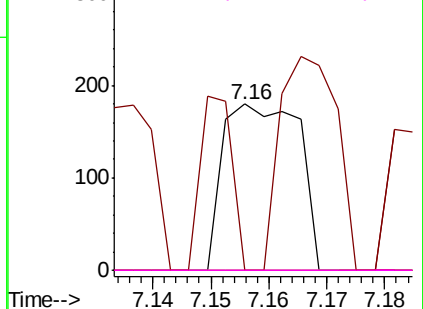
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 41 Resp: 163

Ion	Ratio	Lower	Upper
41	100		
39	44.2	0.0	0.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0



Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO
Ion 67.00 (66.70 to 67.70): VNO
Ion 52.00 (51.70 to 52.70): VNO



#43

Isopropyl Acetate

Concen: 2.138 ug/l

RT: 8.17 min Scan# 1989

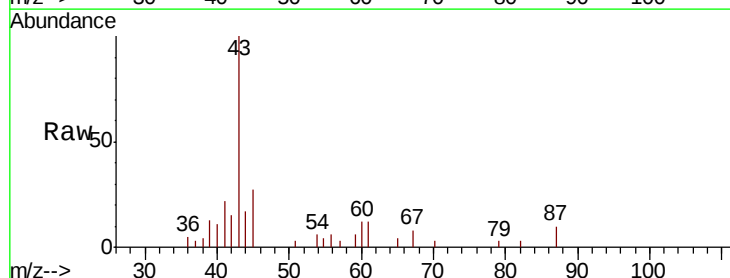
Delta R.T. 0.01 min

Lab File: VN052421.D

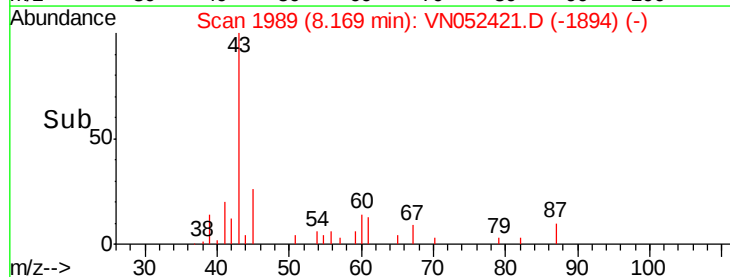
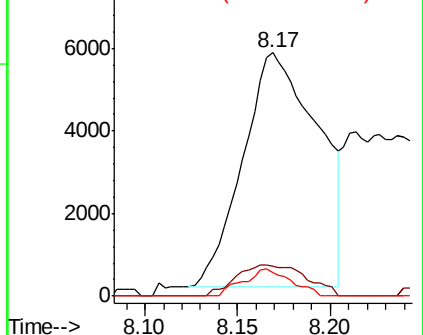
Acq: 20 Nov 2018 21:18

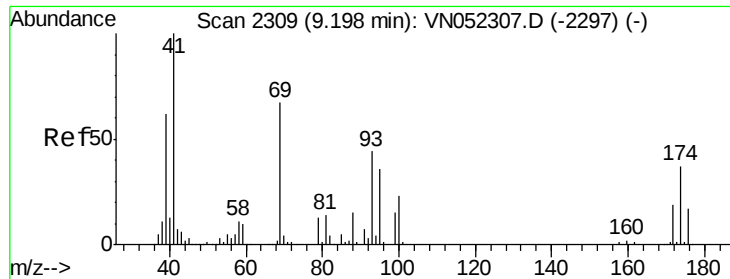
Tgt Ion: 43 Resp: 16020

Ion	Ratio	Lower	Upper
43	100		
61	12.4	12.0	18.0
87	7.3	8.3	12.5#



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

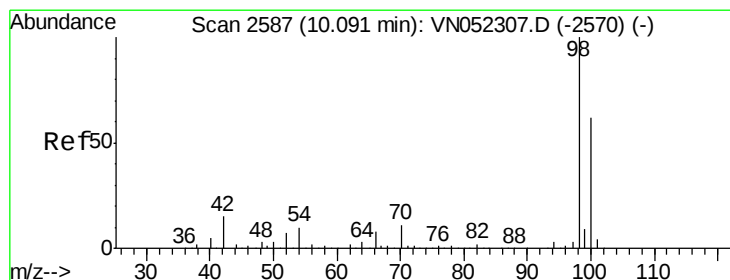
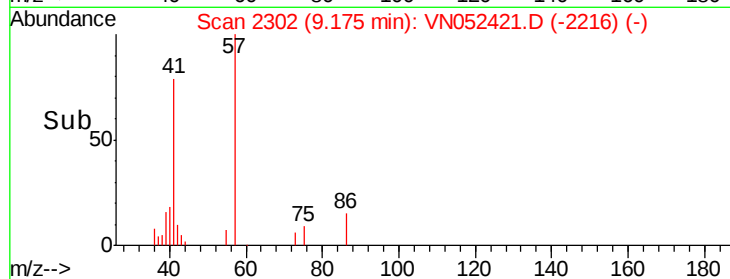
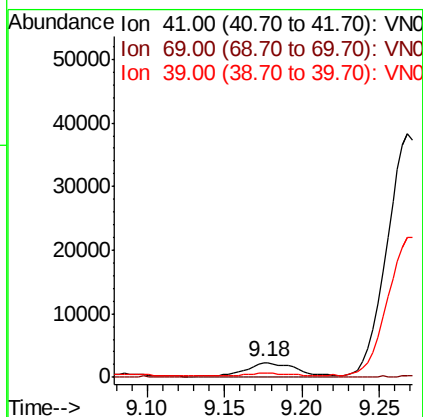
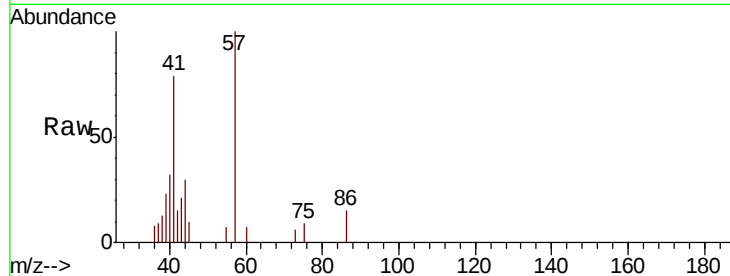




#48
Methvl methacrylate
Concen: 1.505 ug/l
RT: 9.18 min Scan# 2302
Delta R.T. -0.02 min
Lab File: VN052421.D
Acq: 20 Nov 2018 21:18

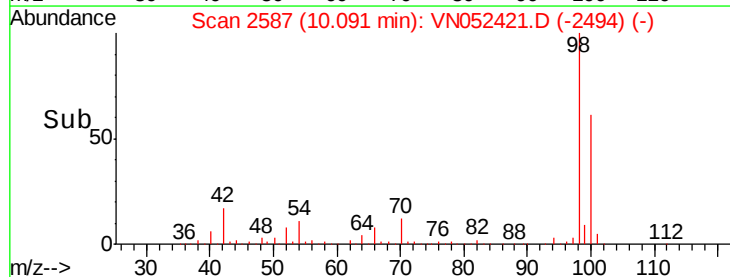
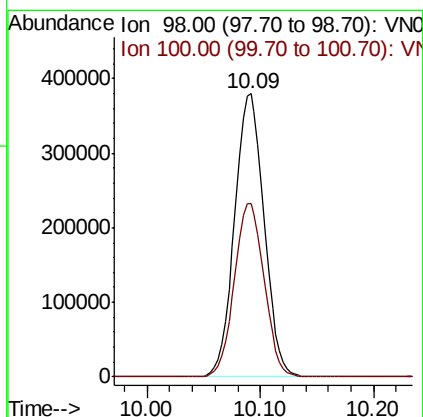
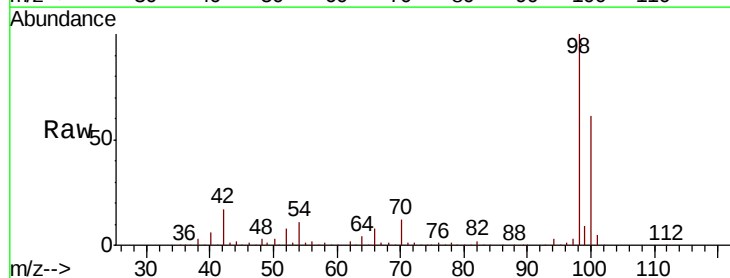
Instrument :
MSVOA_N
ClientSampled :

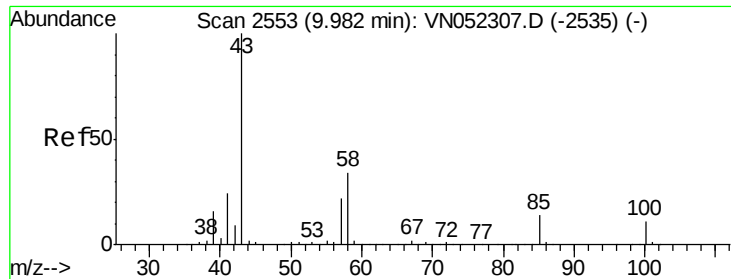
Tot Ion: 41 Resp: 5721
Ion Ratio Lower Upper
41 100
69 0.0 57.1 85.7#
39 0.0 52.5 78.7#



#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN052421.D
Acq: 20 Nov 2018 21:18

Tgt Ion: 98 Resp: 690160
Ion Ratio Lower Upper
98 100
100 61.8 49.5 74.3





#51

4-Methyl-2-Pentanone

Concen: 0.867 ug/l

RT: 10.02 min Scan# 2566

Delta R.T. 0.04 min

Lab File: VN052421.D

Acq: 20 Nov 2018 21:18

Instrument :

MSVOA_N

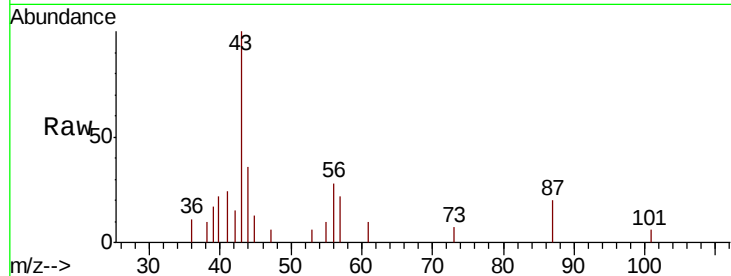
ClientSampled :

Tot Ion: 43 Resp: 3270

Ion Ratio Lower Upper

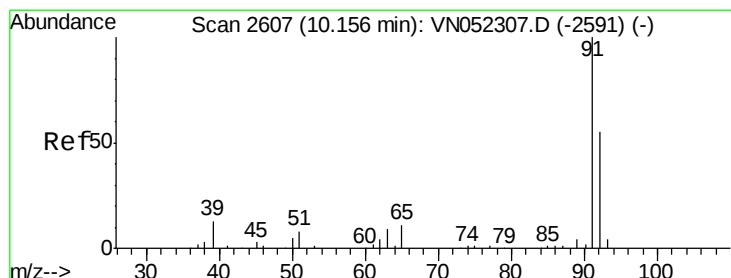
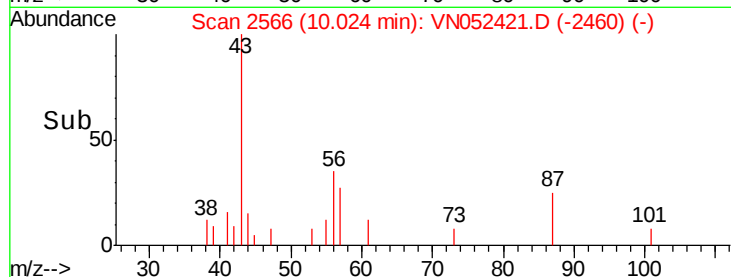
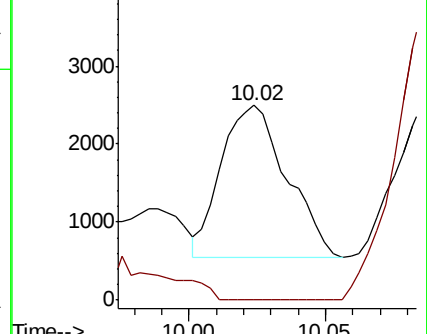
43 100

58 0.0 27.0 40.6#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 26.138 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN052421.D

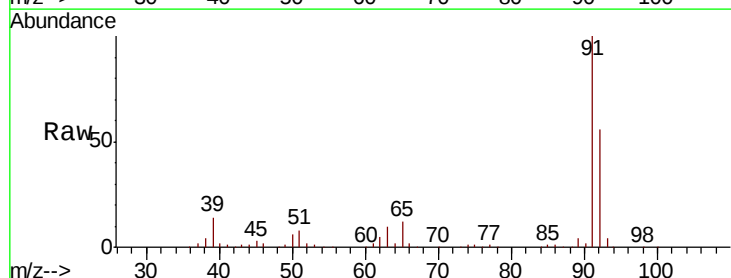
Acq: 20 Nov 2018 21:18

Tgt Ion: 92 Resp: 239021

Ion Ratio Lower Upper

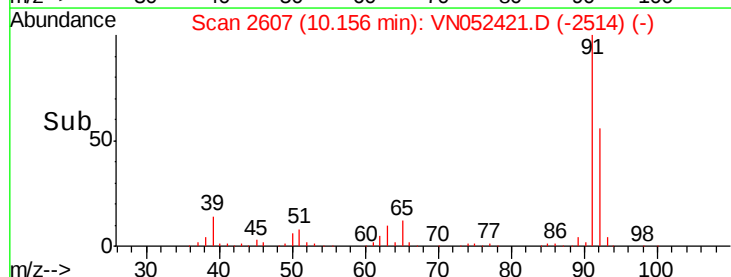
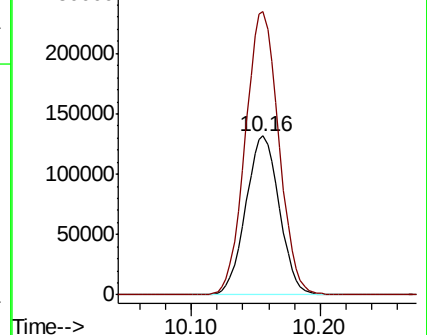
92 100

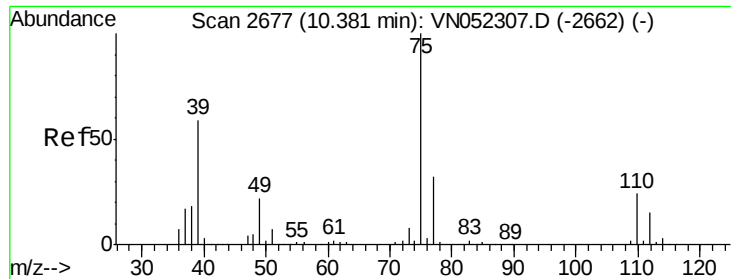
91 177.8 143.6 215.4



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: 0.662 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. -0.23 min

Lab File: VN052421.D

Acq: 20 Nov 2018 21:18

Instrument :

MSVOA_N

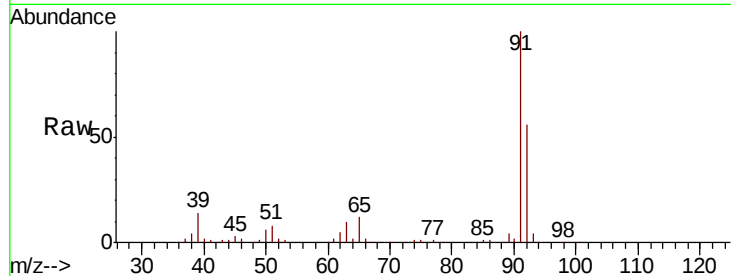
ClientSampleId :

Tot Ion: 75 Resp: 3443

Ion Ratio Lower Upper

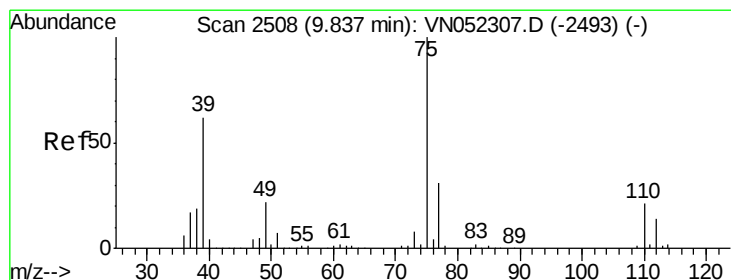
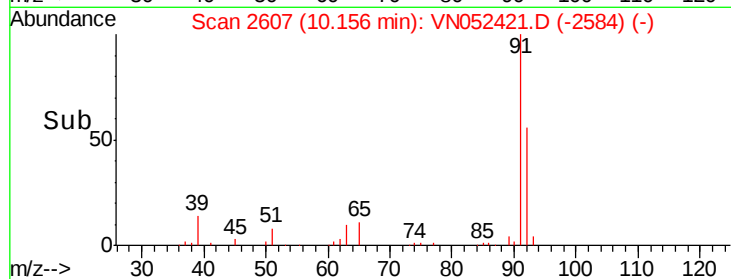
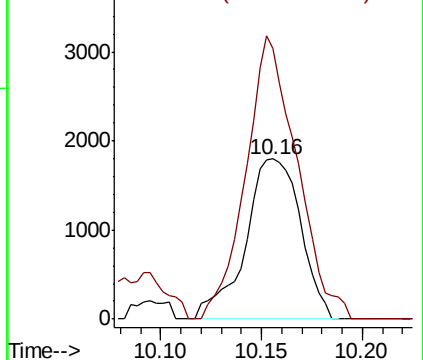
75 100

77 169.2 25.7 38.5#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 3.262 ug/l

RT: 9.90 min Scan# 2529

Delta R.T. 0.07 min

Lab File: VN052421.D

Acq: 20 Nov 2018 21:18

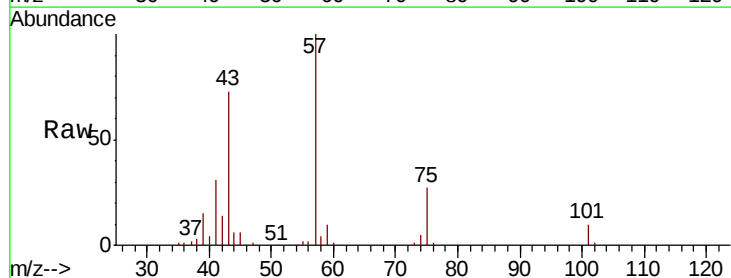
Tgt Ion: 75 Resp: 19331

Ion Ratio Lower Upper

75 100

77 0.0 24.6 36.8#

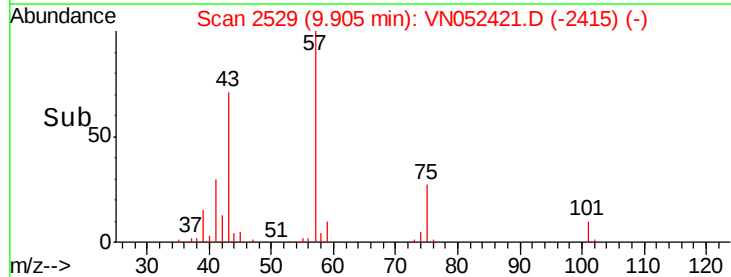
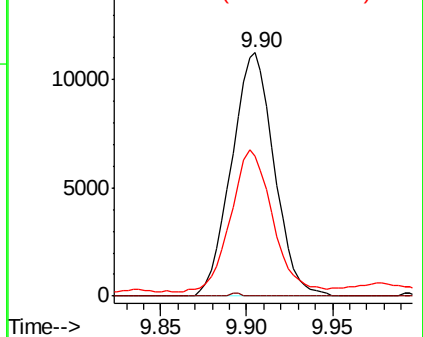
39 54.6 49.9 74.9

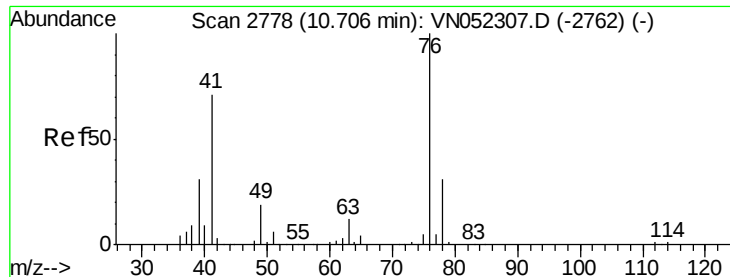


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

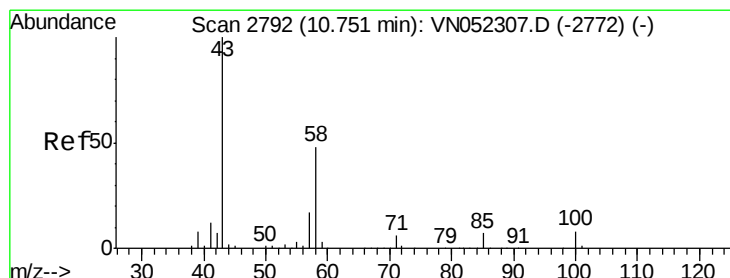
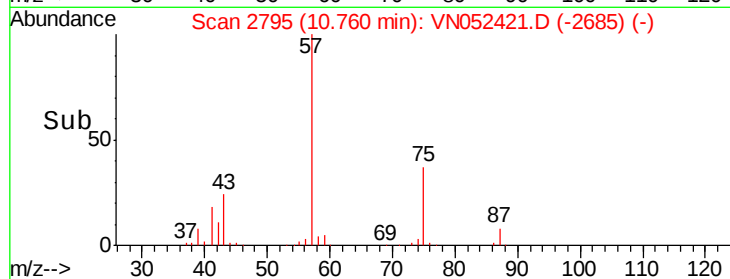
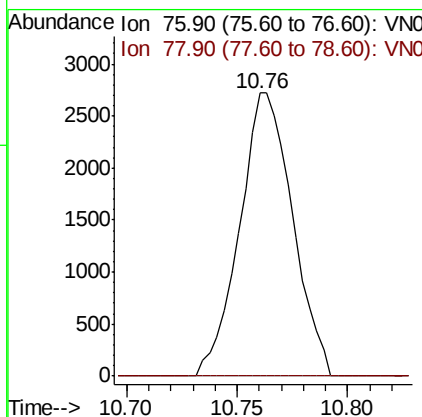
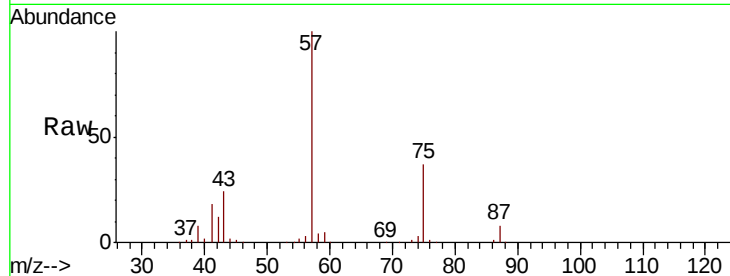




#57
 1,3-Dichloropropane
 Concen: 0.770 ug/l
 RT: 10.76 min Scan# 2795
 Delta R.T. 0.05 min
 Lab File: VN052421.D
 Acq: 20 Nov 2018 21:18

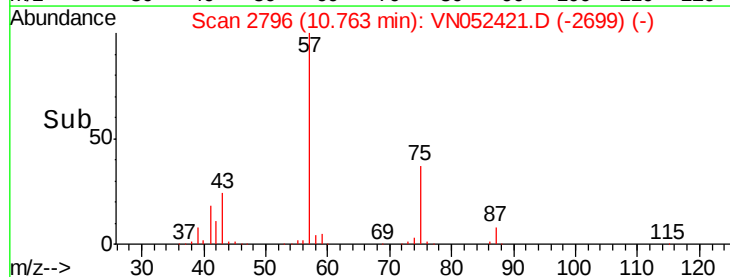
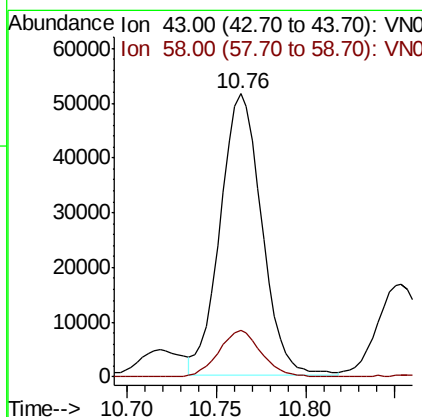
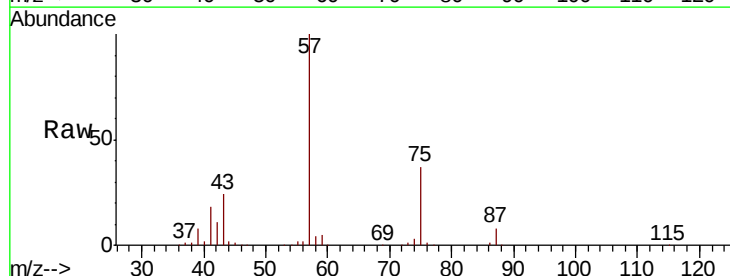
Instrument :
 MSVOA_N
 ClientSampleId :

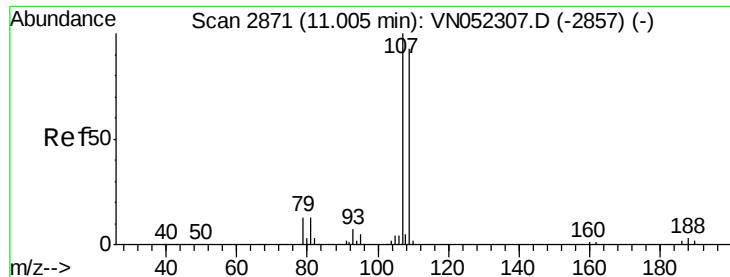
Tot Ion: 76 Resp: 4523
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.7 38.5#



#59
 2-Hexanone
 Concen: 31.918 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.01 min
 Lab File: VN052421.D
 Acq: 20 Nov 2018 21:18

Tgt Ion: 43 Resp: 82814
 Ion Ratio Lower Upper
 43 100
 58 17.0 23.5 70.6#

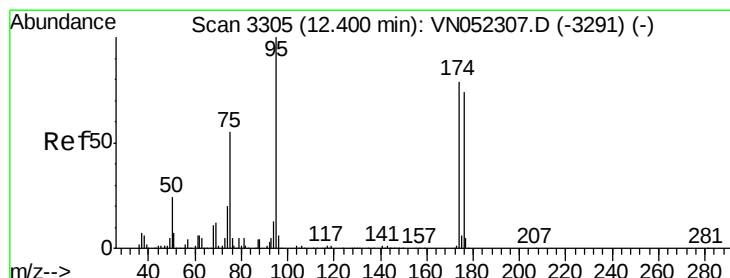
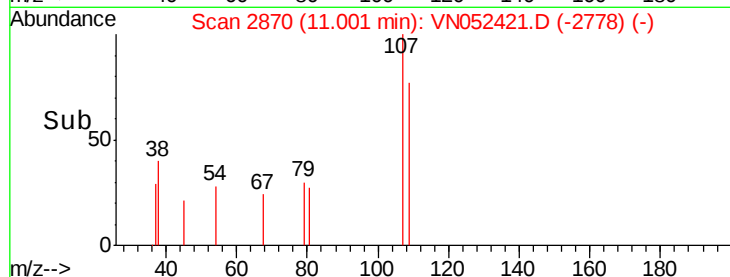
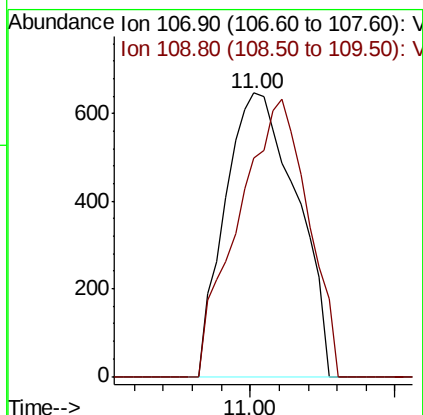
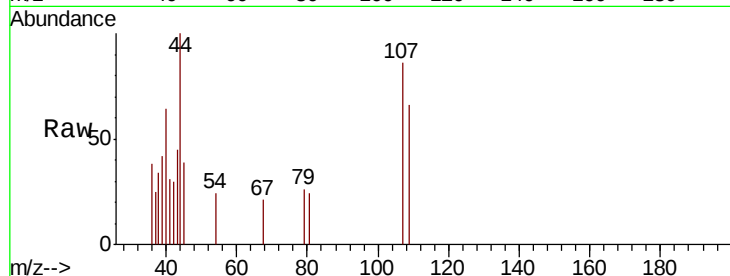




#61
 1,2-Dibromoethane
 Concen: 0.334 ug/l
 RT: 11.00 min Scan# 2870
 Delta R.T. -0.00 min
 Lab File: VN052421.D
 Acq: 20 Nov 2018 21:18

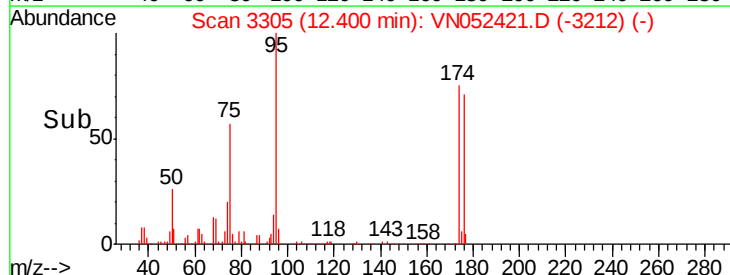
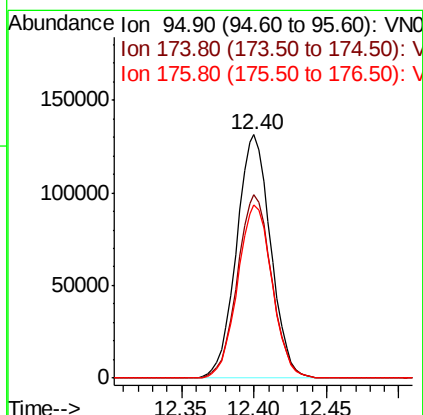
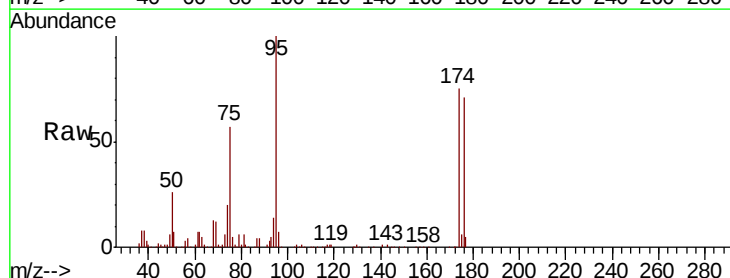
Instrument :
 MSVOA_N
 ClientSampleId :

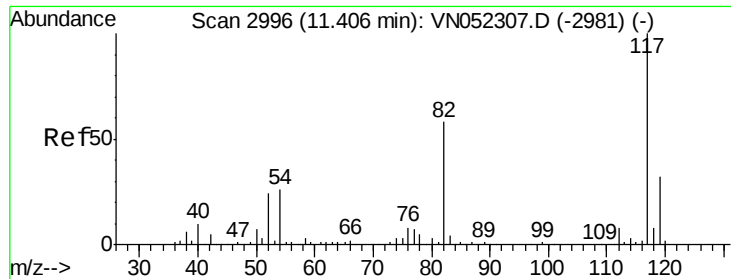
Tot Ion: 107 Resp: 1104
 Ion Ratio Lower Upper
 107 100
 109 95.2 74.9 112.3



#62
 4-Bromofluorobenzene
 Concen: 0.334 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.00 min
 Lab File: VN052421.D
 Acq: 20 Nov 2018 21:18

Tgt Ion: 95 Resp: 214805
 Ion Ratio Lower Upper
 95 100
 174 75.7 0.0 156.0
 176 72.0 0.0 148.4

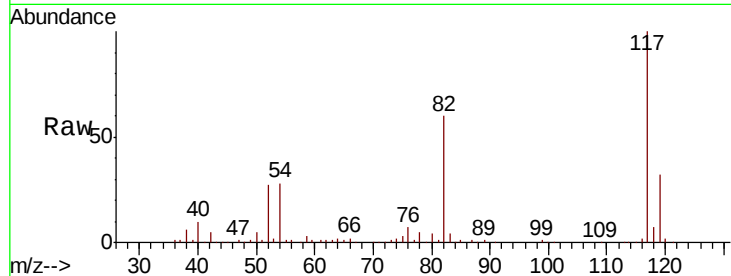




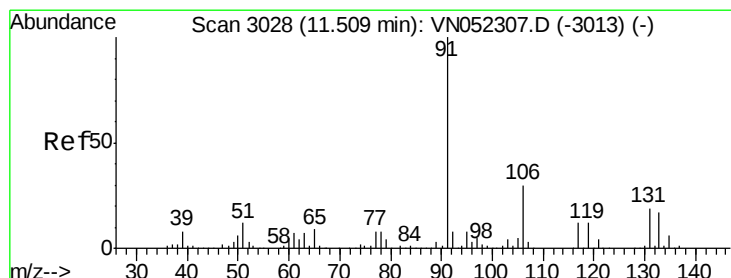
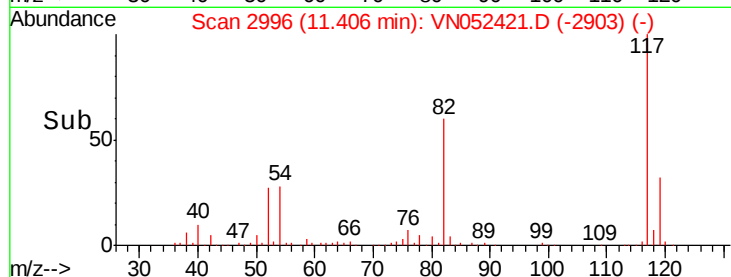
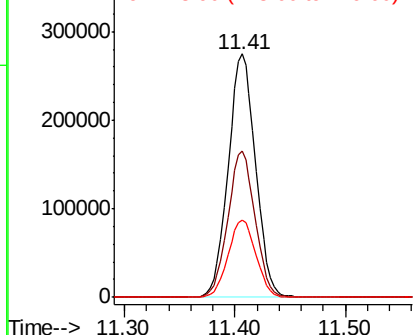
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN052421.D
Acq: 20 Nov 2018 21:18

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:117 Resp: 471931
Ion Ratio Lower Upper
117 100
82 59.9 46.5 69.7
119 31.9 25.7 38.5

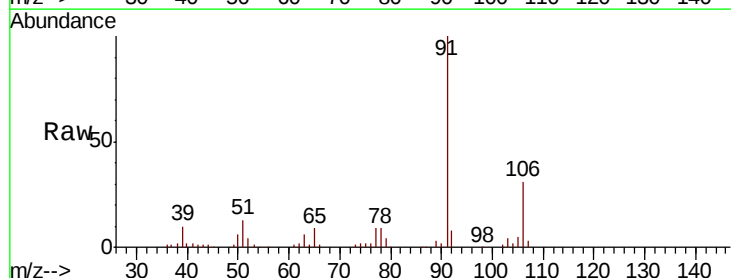


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

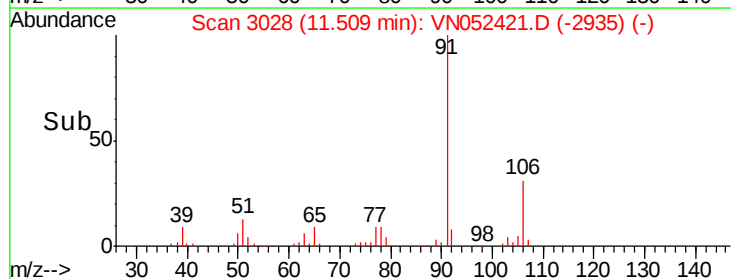
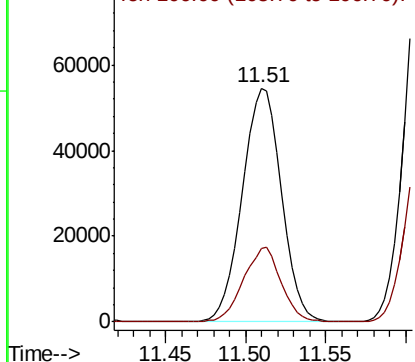


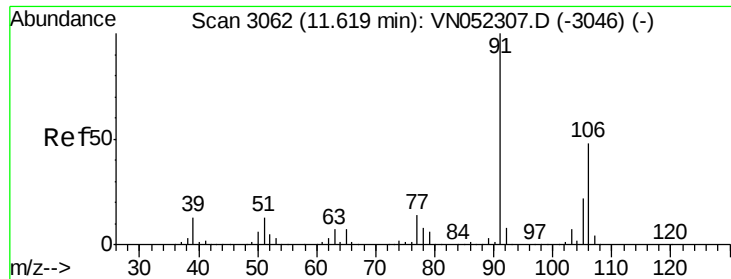
#67
Ethyl Benzene
Concen: 5.266 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN052421.D
Acq: 20 Nov 2018 21:18

Tgt Ion: 91 Resp: 91166
Ion Ratio Lower Upper
91 100
106 31.3 24.2 36.2



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

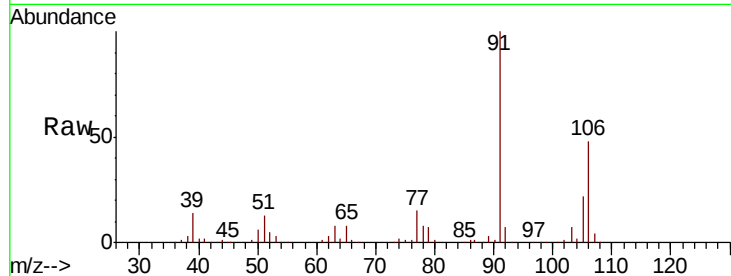




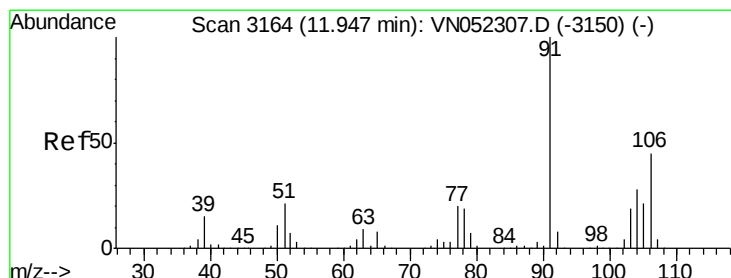
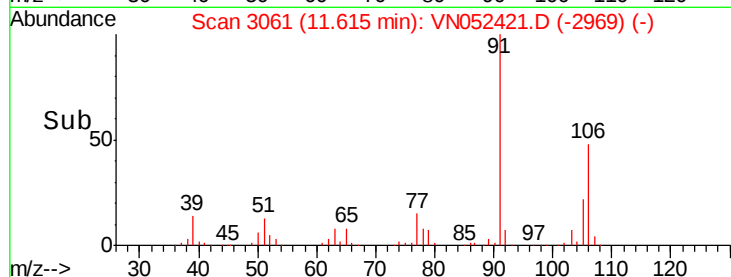
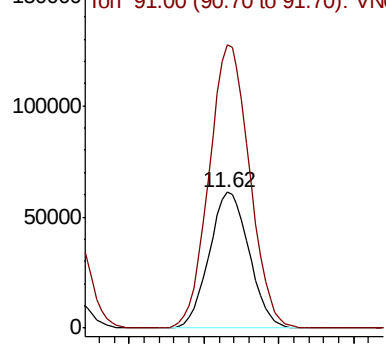
#68
m/p-Xylenes
Concen: 17.961 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. -0.00 min
Lab File: VN052421.D
Acq: 20 Nov 2018 21:18

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:106 Resp: 113621
Ion Ratio Lower Upper
106 100
91 211.3 165.5 248.3

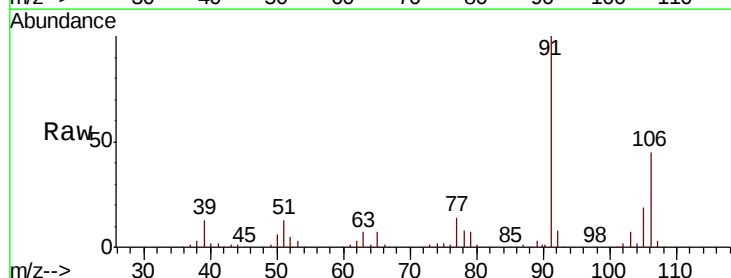


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

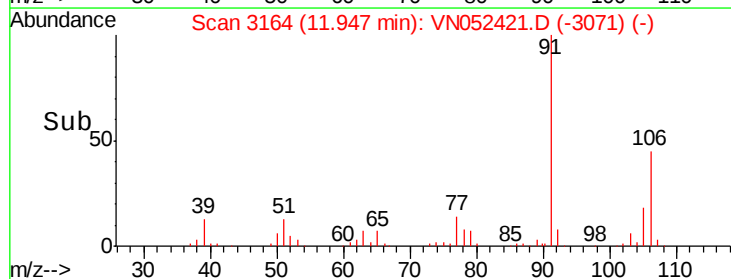
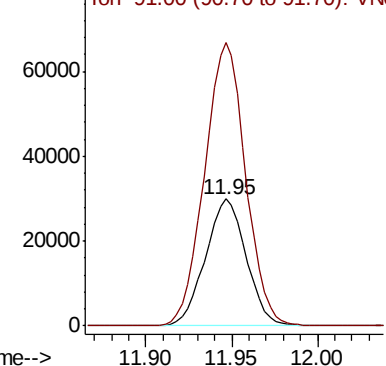


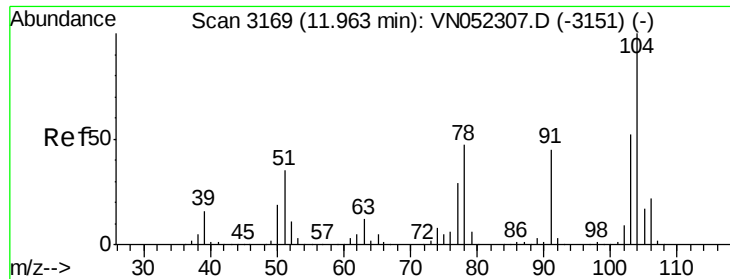
#69
o-Xylene
Concen: 8.107 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN052421.D
Acq: 20 Nov 2018 21:18

Tgt Ion:106 Resp: 49163
Ion Ratio Lower Upper
106 100
91 224.1 110.0 330.0



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

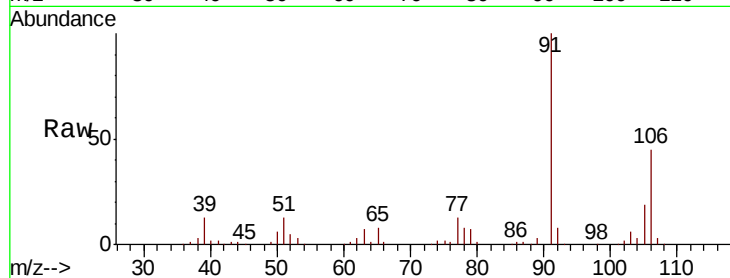




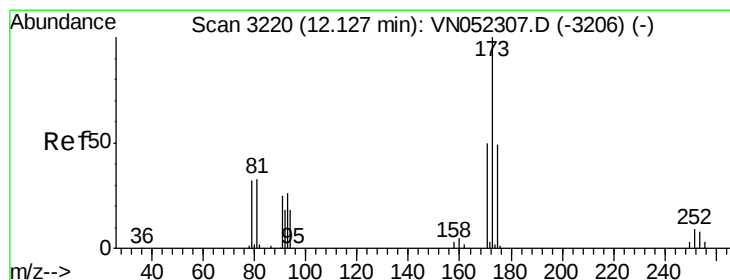
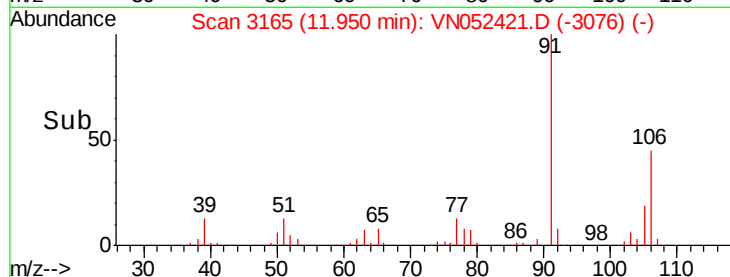
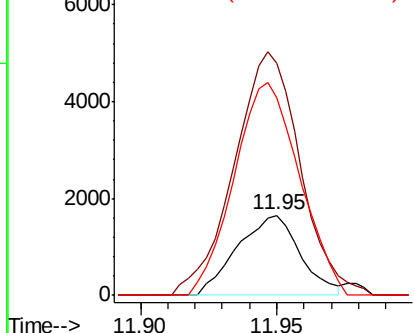
#70
Stvrene
Concen: 0.272 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. -0.01 min
Lab File: VN052421.D
Acq: 20 Nov 2018 21:18

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:104 Resp: 2638
Ion Ratio Lower Upper
104 100
78 321.6 42.7 64.1#
103 276.9 45.4 68.0#

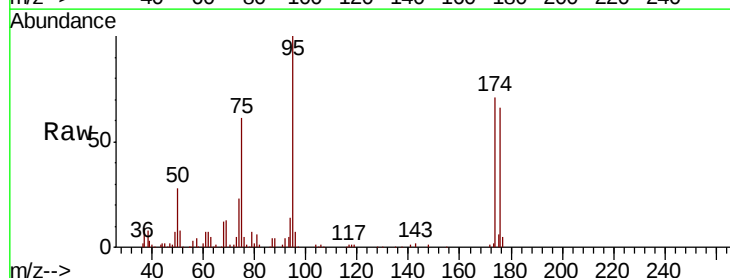


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): V
Ion 103.00 (102.70 to 103.70): V

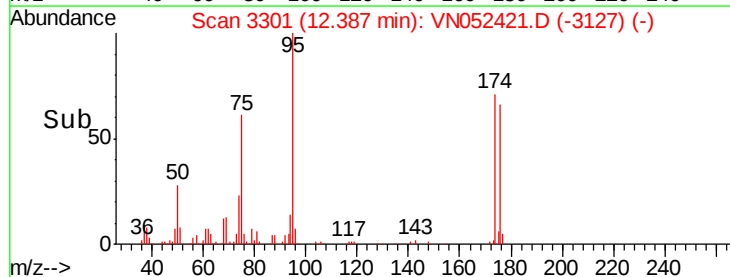
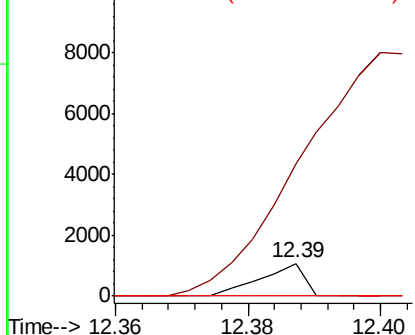


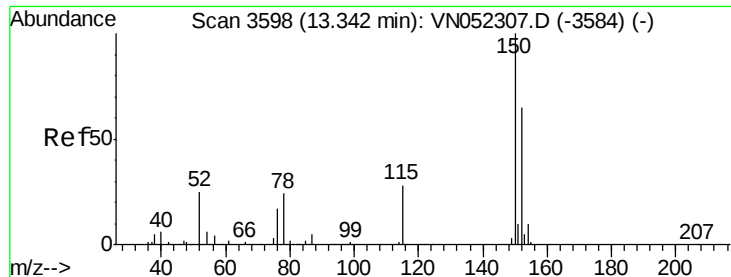
#71
Bromoform
Concen: 0.241 ug/l
RT: 12.39 min Scan# 3301
Delta R.T. 0.26 min
Lab File: VN052421.D
Acq: 20 Nov 2018 21:18

Tgt Ion:173 Resp: 485
Ion Ratio Lower Upper
173 100
175 2481.4 25.0 75.0#
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: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN052421.D

Acq: 20 Nov 2018 21:18

Instrument :

MSVOA_N

ClientSampleId :

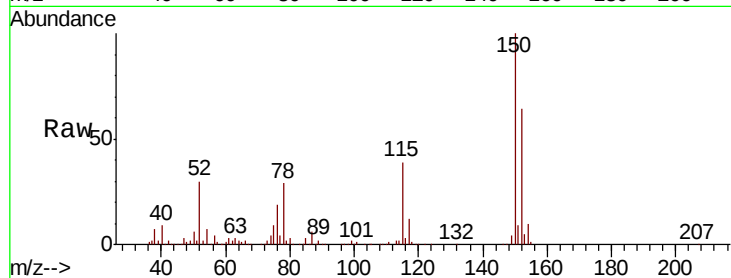
Tot Ion:152 Resp: 177809

Ion Ratio Lower Upper

152 100

115 62.3 30.3 91.0

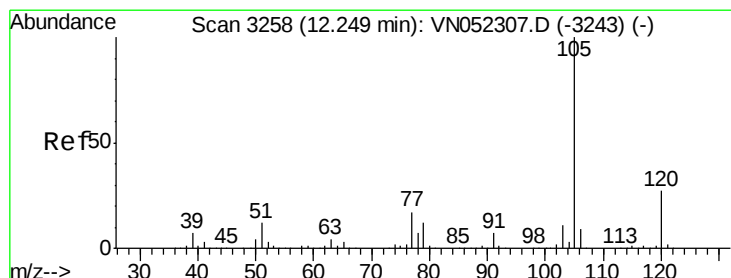
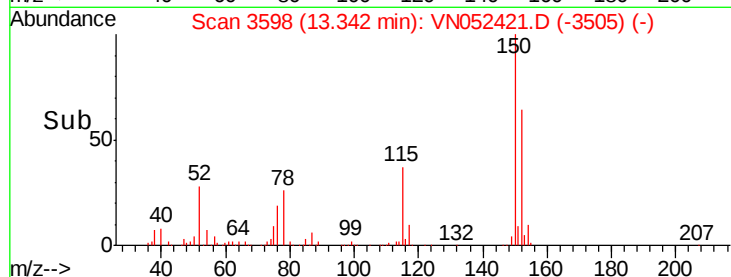
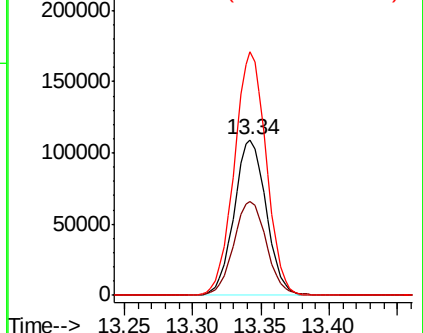
150 156.1 0.0 348.2



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: 0.414 ug/l

RT: 12.25 min Scan# 3257

Delta R.T. -0.00 min

Lab File: VN052421.D

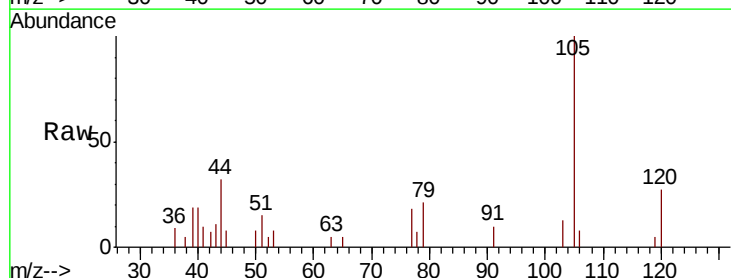
Acq: 20 Nov 2018 21:18

Tgt Ion:105 Resp: 5916

Ion Ratio Lower Upper

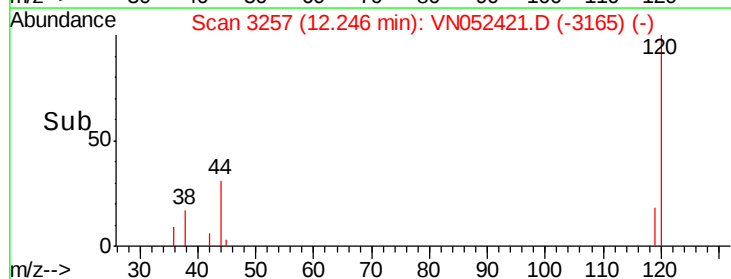
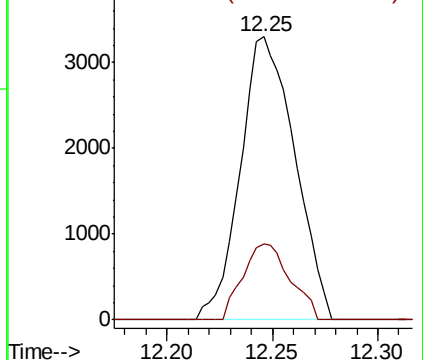
105 100

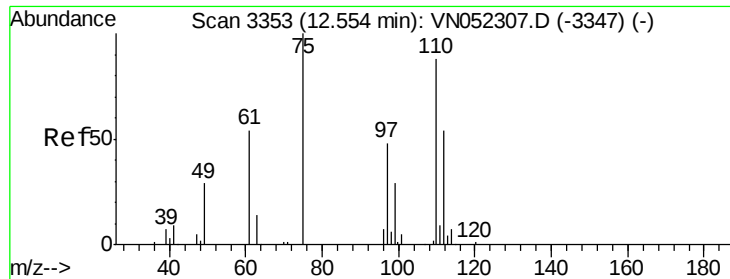
120 23.3 13.4 40.1



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: 40.948 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN052421.D

Acq: 20 Nov 2018 21:18

Instrument :

MSVOA_N

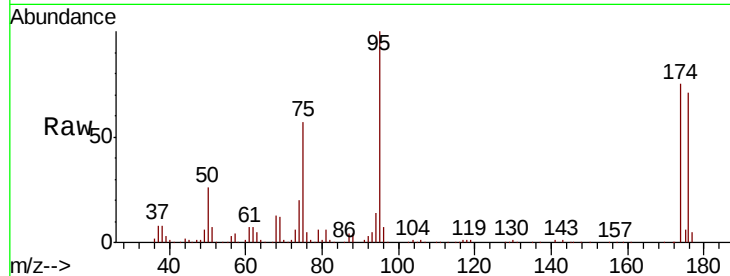
ClientSampleId :

Tot Ion: 75 Resp: 123544

Ion Ratio Lower Upper

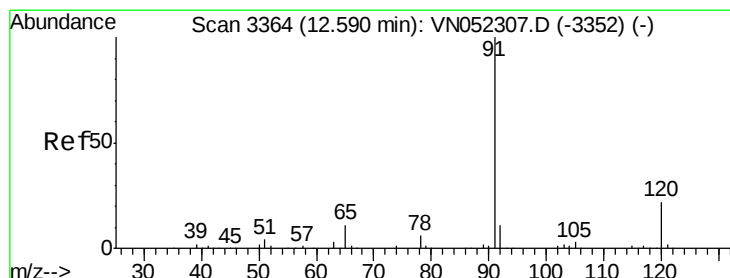
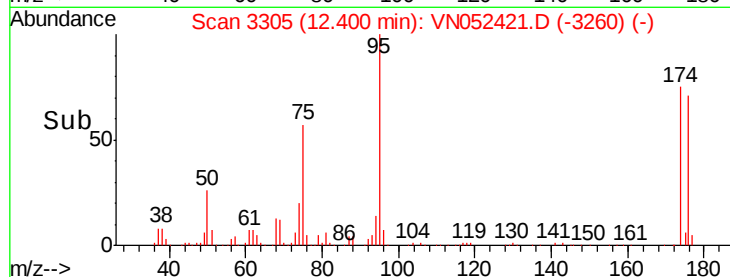
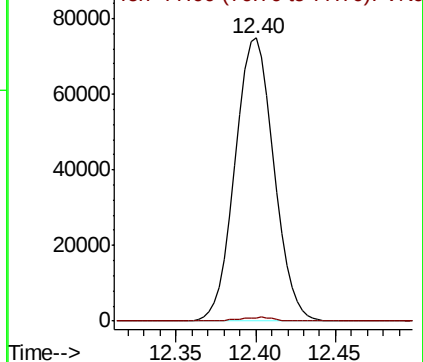
75 100

77 1.3 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: 1.403 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN052421.D

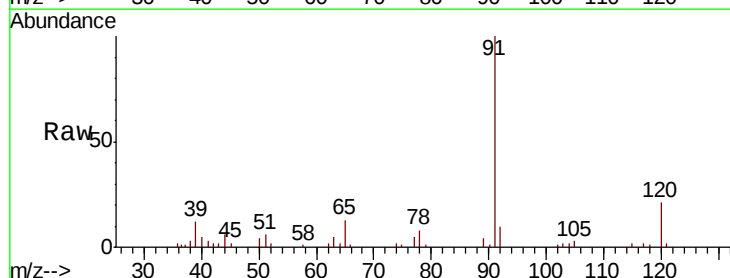
Acq: 20 Nov 2018 21:18

Tgt Ion: 91 Resp: 23452

Ion Ratio Lower Upper

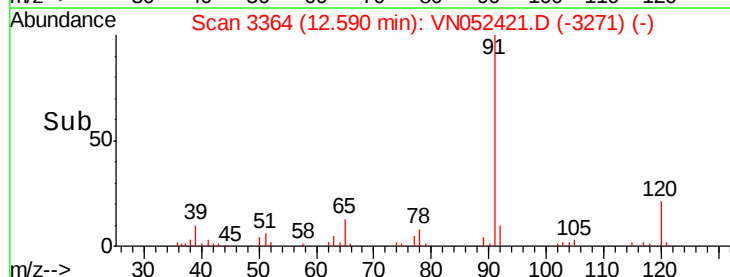
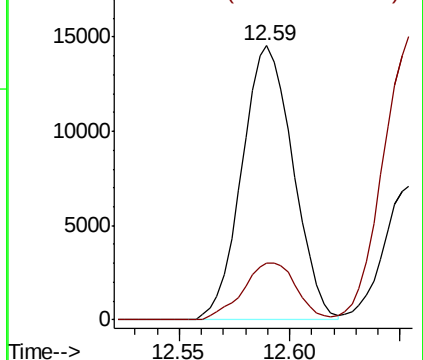
91 100

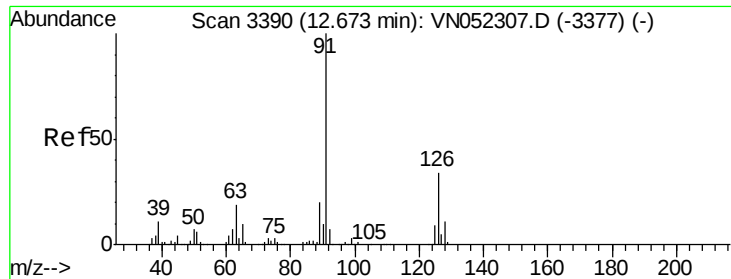
120 21.7 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

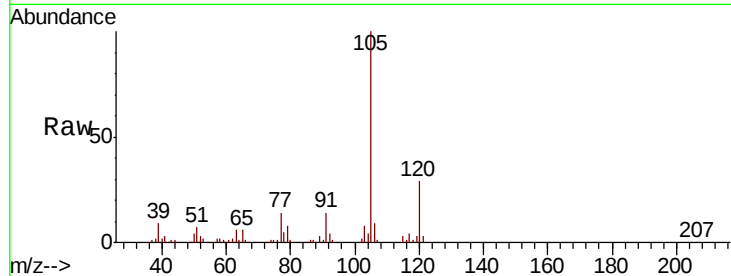




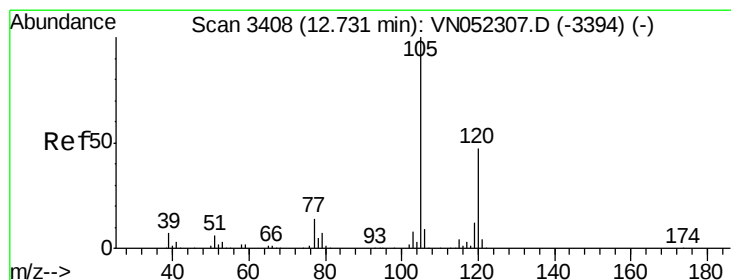
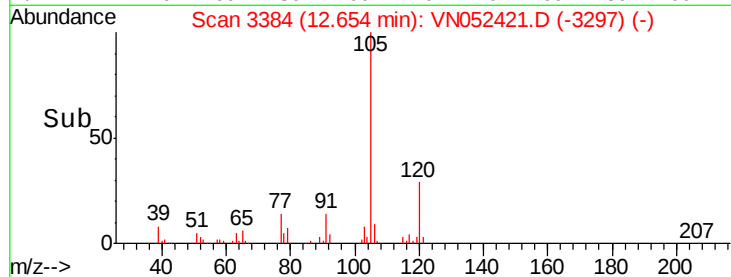
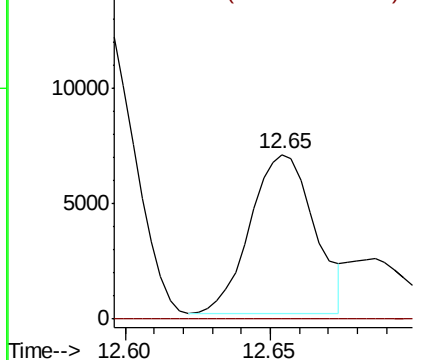
#79
 2-Chlorotoluene
 Concen: 1.082 ug/l
 RT: 12.65 min Scan# 3384
 Delta R.T. -0.02 min
 Lab File: VN052421.D
 Acq: 20 Nov 2018 21:18

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion: 91 Resp: 10565
 Ion Ratio Lower Upper
 91 100
 126 0.0 17.0 51.0#

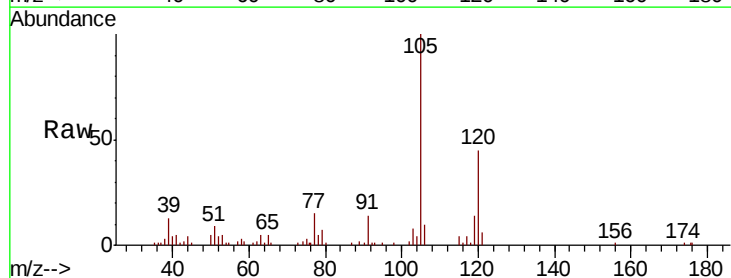


Abundance Ion 91.00 (90.70 to 91.70): VN052307.D (-3377) (-)
 Ion 125.90 (125.60 to 126.60): VN052307.D (-3377) (-)

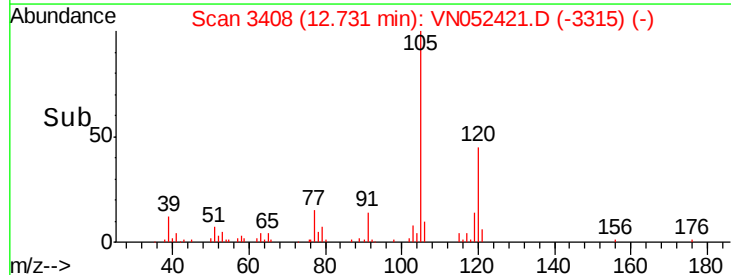
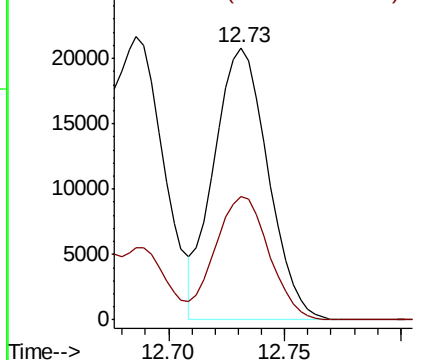


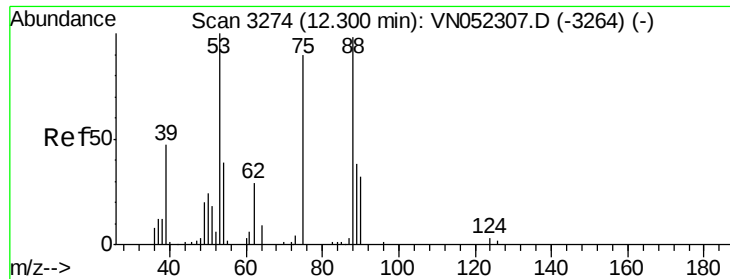
#80
 1,3,5-Trimethylbenzene
 Concen: 2.971 ug/l
 RT: 12.73 min Scan# 3408
 Delta R.T. 0.00 min
 Lab File: VN052421.D
 Acq: 20 Nov 2018 21:18

Tgt Ion:105 Resp: 33773
 Ion Ratio Lower Upper
 105 100
 120 45.0 23.7 71.1



Abundance Ion 105.00 (104.70 to 105.70): VN052307.D (-3394) (-)
 Ion 120.00 (119.70 to 120.70): VN052307.D (-3394) (-)

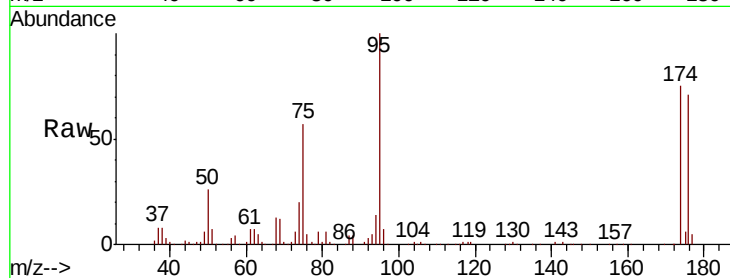




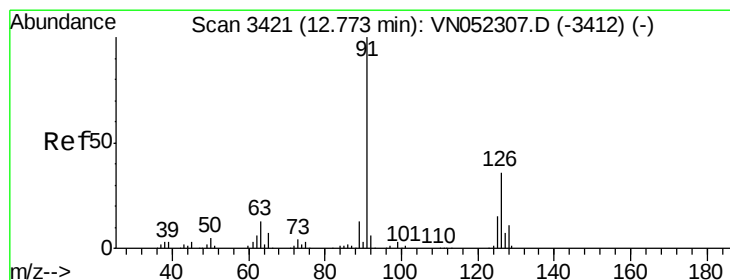
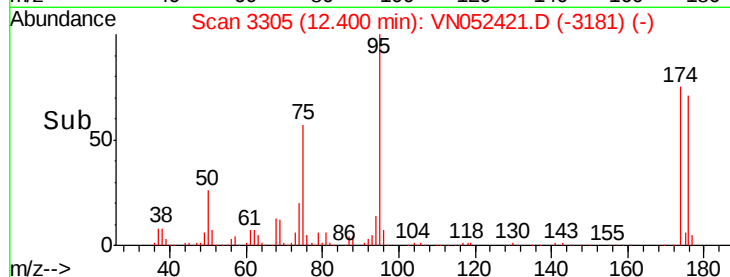
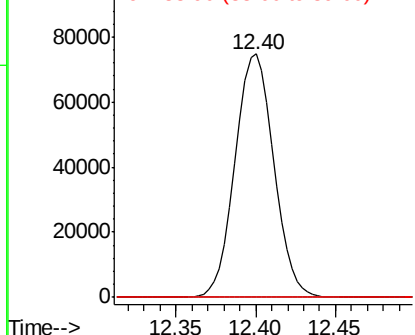
#81
trans-1,4-Dichloro-2-butene
Concen: 132.811 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.10 min
Lab File: VN052421.D
Acq: 20 Nov 2018 21:18

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 75 Resp: 123544
Ion Ratio Lower Upper
75 100
53 0.0 90.2 135.2#
89 0.0 35.4 53.0#

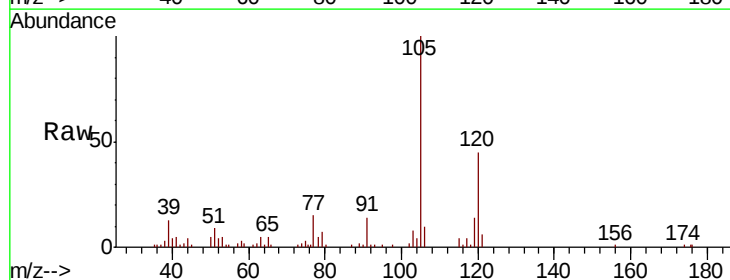


Abundance Ion 74.90 (74.60 to 75.60): VNO
Ion 53.00 (52.70 to 53.70): VNO
Ion 88.90 (88.60 to 89.60): VNO

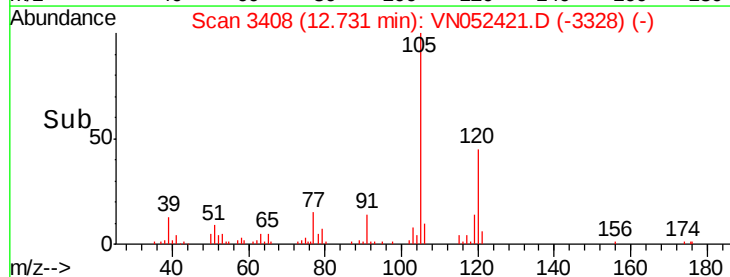
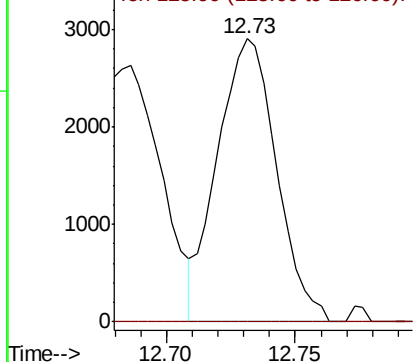


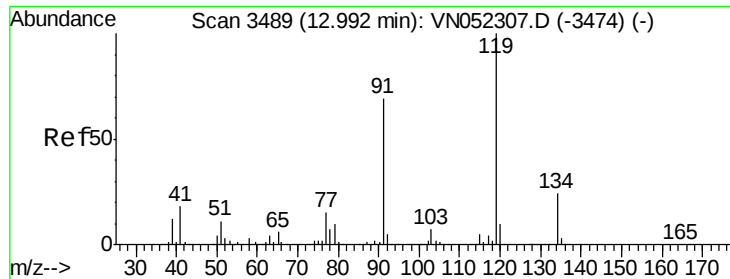
#82
4-Chlorotoluene
Concen: 0.462 ug/l
RT: 12.73 min Scan# 3408
Delta R.T. -0.04 min
Lab File: VN052421.D
Acq: 20 Nov 2018 21:18

Tgt Ion: 91 Resp: 4624
Ion Ratio Lower Upper
91 100
126 0.0 17.0 50.9#



Abundance Ion 91.00 (90.70 to 91.70): VNO
Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 1.592 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.05 min

Lab File: VN052421.D

Acq: 20 Nov 2018 21:18

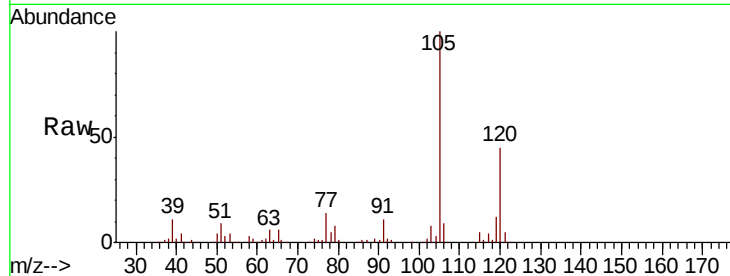
Instrument :

MSVOA_N

ClientSampleId :

Tot Ion:119 Resp: 15983

Ion	Ratio	Lower	Upper
119	100		
91	97.1	33.8	101.3
134	0.0	11.9	35.9#

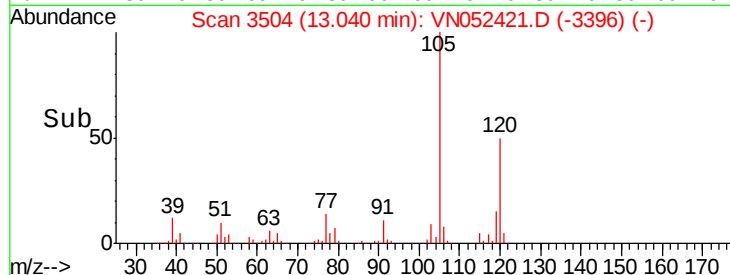


Abundance Ion 119.00 (118.70 to 119.70): V

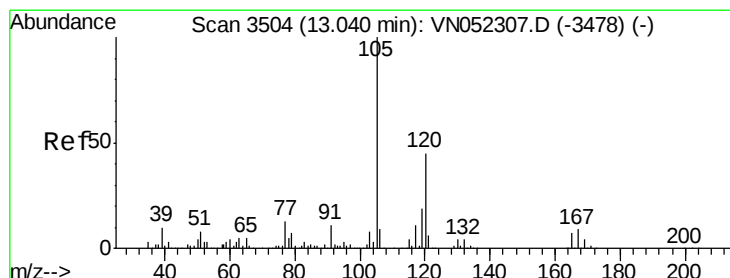
Ion 91.00 (90.70 to 91.70): VN

Ion 134.00 (133.70 to 134.70): V

13.04



Time-->



#84

1,2,4-Trimethylbenzene

Concen: 11.537 ug/l

RT: 13.04 min Scan# 3504

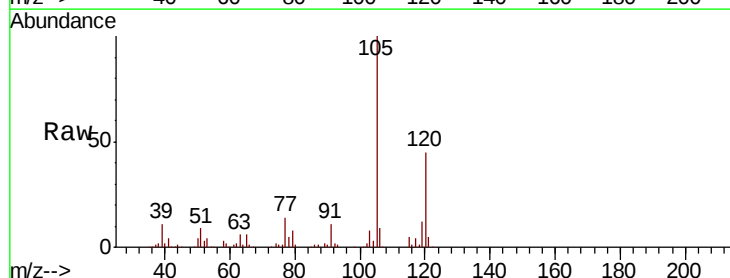
Delta R.T. 0.00 min

Lab File: VN052421.D

Acq: 20 Nov 2018 21:18

Tgt Ion:105 Resp: 131671

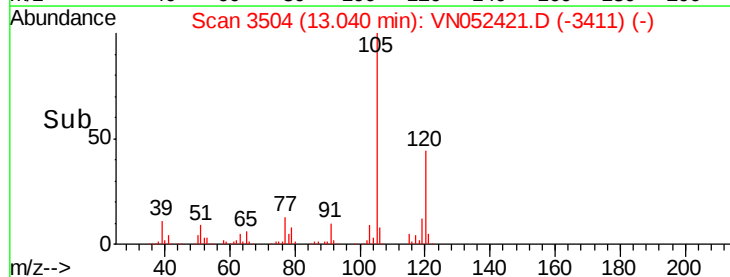
Ion	Ratio	Lower	Upper
105	100		
120	43.6	22.5	67.5



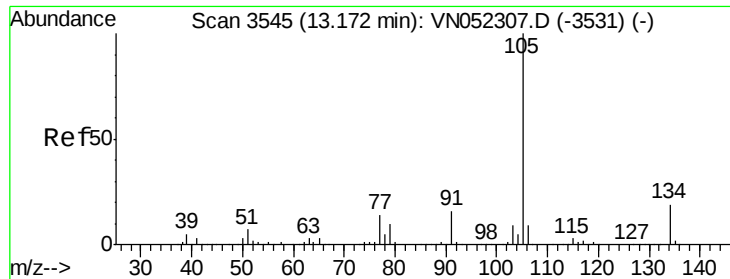
Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

13.04



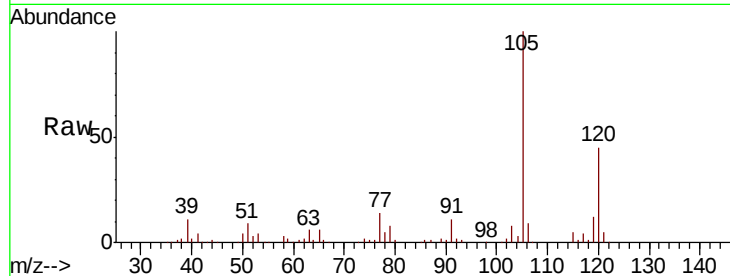
Time-->



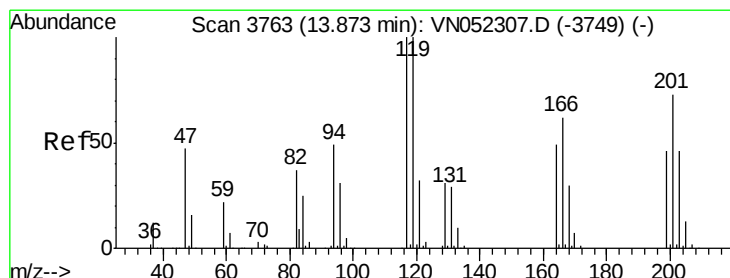
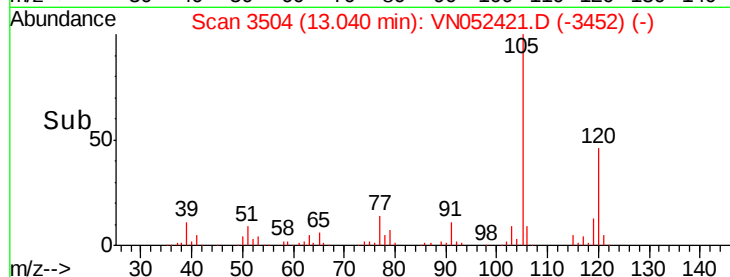
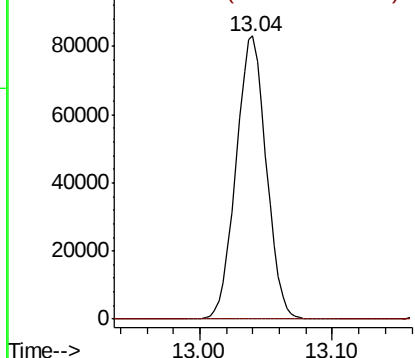
#85
 sec-Butylbenzene
 Concen: 9.631 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. -0.13 min
 Lab File: VN052421.D
 Acq: 20 Nov 2018 21:18

Instrument :
 MSVOA_N
 ClientSampleID :

Tot Ion:105 Resp: 131671
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.5 28.5#

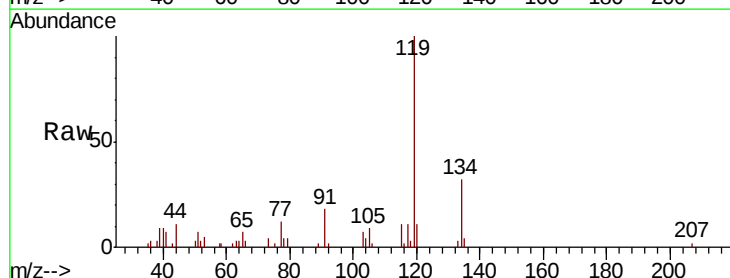


Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 134.00 (133.70 to 134.70): V

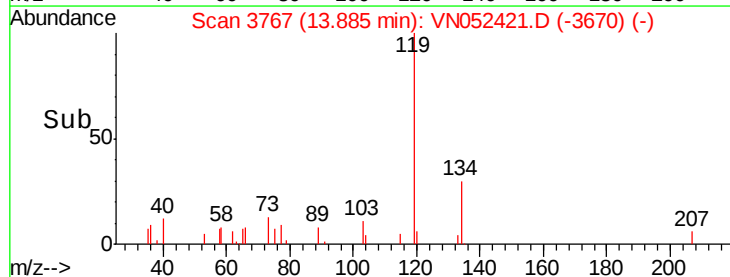
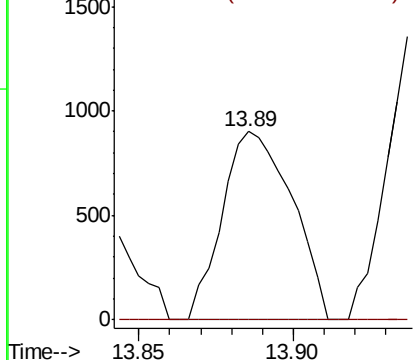


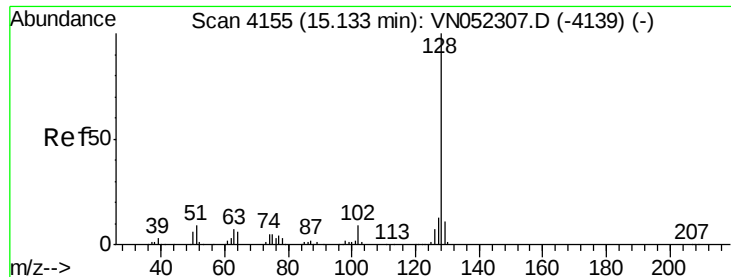
#90
 Hexachloroethane
 Concen: 0.692 ug/l
 RT: 13.89 min Scan# 3767
 Delta R.T. 0.01 min
 Lab File: VN052421.D
 Acq: 20 Nov 2018 21:18

Tgt Ion:117 Resp: 1419
 Ion Ratio Lower Upper
 117 100
 201 0.0 35.3 105.9#



Abundance Ion 116.80 (116.50 to 117.50): V
 Ion 200.70 (200.40 to 201.40): V

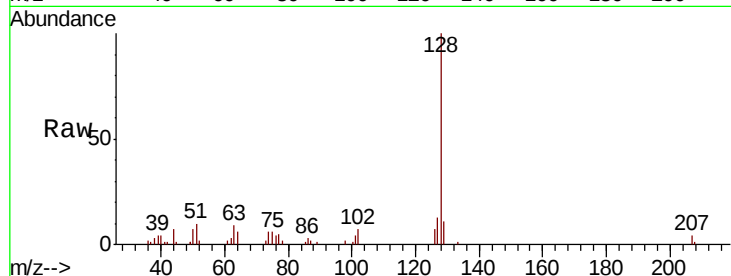




#95
Naphthalene
Concen: 6.424 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. -0.00 min
Lab File: VN052421.D
Acq: 20 Nov 2018 21:18

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.4	15.6
129	11.3	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

