

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111920\
 Data File : VN064741.D
 Acq On : 19 Nov 2020 18:26
 Operator : JC/MD
 Sample : L4783-10
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-4

Quant Time: Nov 20 03:52:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N111820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 18 15:29:54 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	199250	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	412930	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	447481	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	199813	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	200717	57.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.52%	
35) Dibromofluoromethane	7.55	113	137363	58.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.90%	
50) Toluene-d8	10.06	98	547294	51.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.48%	
62) 4-Bromofluorobenzene	12.38	95	228940	57.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.68%	

Target Compounds

					Qvalue	
3) Chloromethane	2.05	50	2142	0.778	ug/l	93
11) Tert butyl alcohol	4.75	59	71	0.209	ug/l #	70
13) Acrolein	3.43	56	69	0.867	ug/l #	67
15) Acrylonitrile	4.99	53	204	0.204	ug/l #	29
16) Acetone	3.78	43	8077	14.395	ug/l	91
18) Methyl Acetate	4.28	43	192	1.407	ug/l #	88
20) Methylene Chloride	4.50	84	1043	0.402	ug/l #	68
31) Cyclohexane	7.62	56	7157	1.889	ug/l #	31
36) 1,1-Dichloropropene	7.63	75	19699	4.637	ug/l #	52
38) Carbon Tetrachloride	7.63	117	23372	5.177	ug/l #	15
39) Methylcyclohexane	9.05	83	2181	0.579	ug/l #	54
43) Isopropyl Acetate	8.11	43	1698	0.246	ug/l #	64
47) Bromodichloromethane	9.35	83	1032	0.219	ug/l #	25
51) 4-Methyl-2-Pentanone	9.95	43	219	6.181	ug/l #	39
55) 1,1,2-Trichloroethane	10.50	97	2534	0.867	ug/l #	19
56) Ethyl methacrylate	10.40	69	100	2.695	ug/l #	1
58) 2-Chloroethyl Vinyl ether	9.62	63	132	13.320	ug/l #	49
59) 2-Hexanone	10.72	43	143	8.485	ug/l #	28
67) Ethyl Benzene	11.48	91	23715	1.413	ug/l	98
68) m/p-Xylenes	11.60	106	3368	4.536	ug/l	97
70) Styrene	12.22	104	3600	2.836	ug/l #	24
71) Bromoform	12.36	173	203	2.517	ug/l #	1
73) Isopropylbenzene	12.22	105	162346	11.444	ug/l	99
76) 1,2,3-Trichloropropane	12.37	75	132253	30.719	ug/l #	100
78) n-propylbenzene	12.57	91	318815	19.297	ug/l	98
79) 2-Chlorotoluene	12.57	91	318815	30.150	ug/l #	43
80) 1,3,5-Trimethylbenzene	12.71	105	30506	2.589	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.37	75	132253	78.271	ug/l #	5
82) 4-Chlorotoluene	12.57	91	318815	28.276	ug/l #	43
84) 1,2,4-Trimethylbenzene	13.01	105	7357	0.612	ug/l	99
85) sec-Butylbenzene	13.14	105	22670	1.866	ug/l #	58
89) n-Butylbenzene	13.59	91	29820	2.858	ug/l #	76
90) Hexachloroethane	13.86	117	13984	7.569	ug/l #	18
92) 1,2-Dibromo-3-Chloropropan	14.23	75	223	0.214	ug/l #	11

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QLast Update : Wed Nov 18 15:29:54 2020
Response via : Initial Calibration

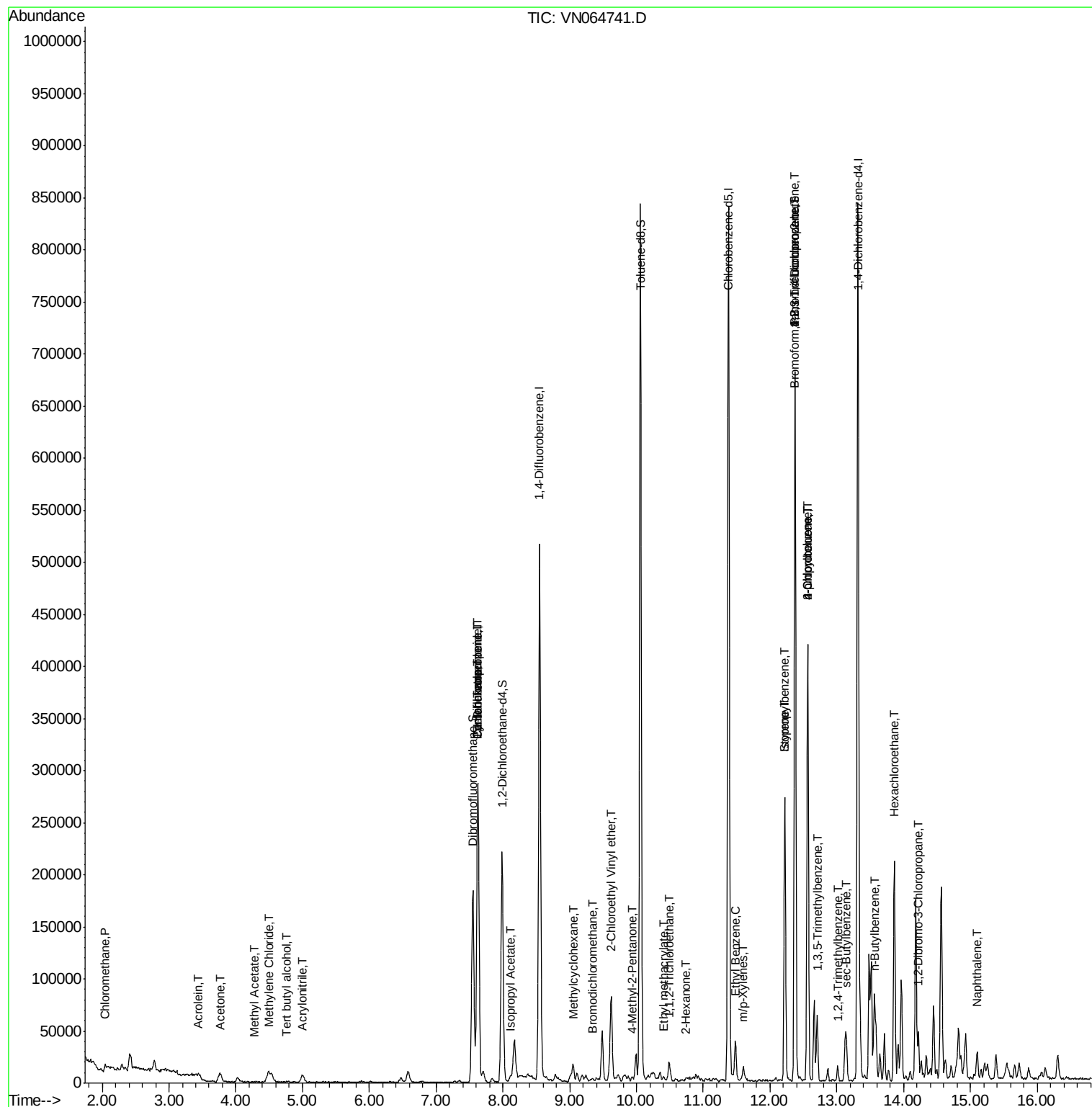
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	15.10	128	22803	2.030	ug/l	98

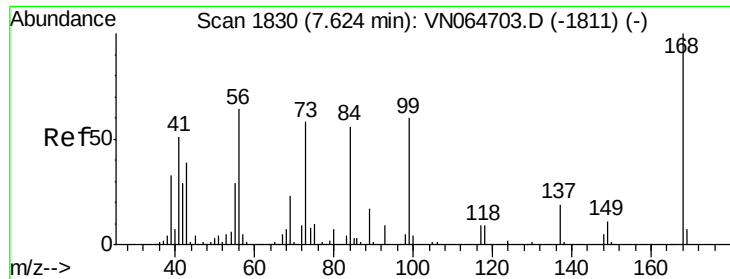
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. 0.00 min

Lab File: VN064741.D

Acq: 19 Nov 2020 18:26

Instrument :

MSVOA_N

ClientSampleId :

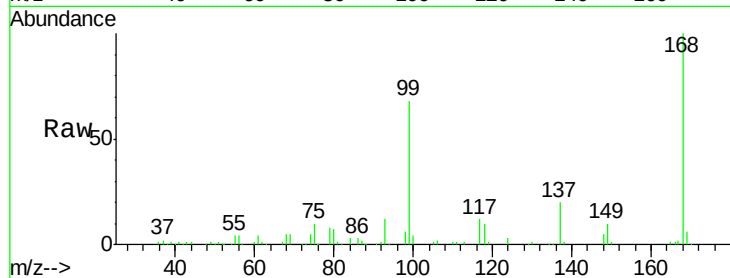
MW-4

Tot Ion:168 Resp: 199250

Ion Ratio Lower Upper

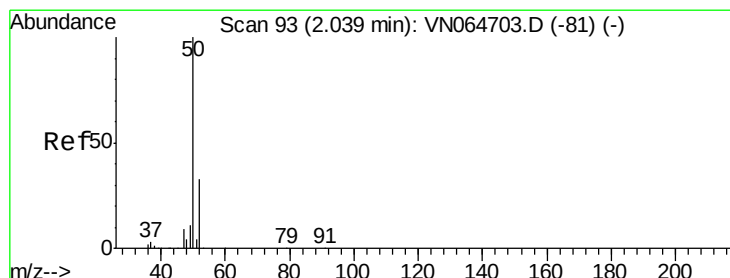
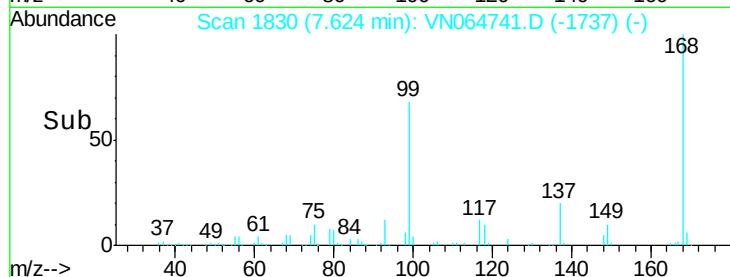
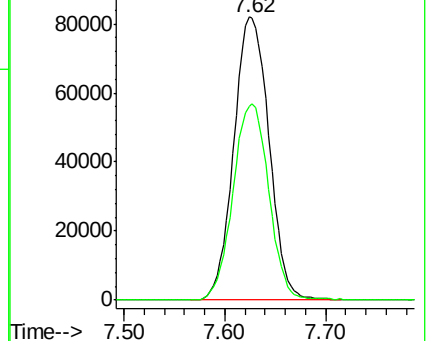
168 100

99 68.5 55.7 83.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#3

Chloromethane

Concen: 0.778 ug/l

RT: 2.05 min Scan# 95

Delta R.T. 0.01 min

Lab File: VN064741.D

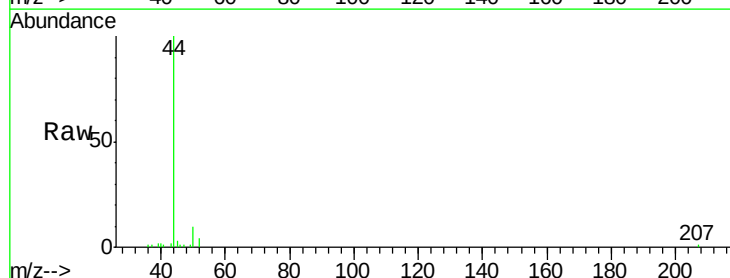
Acq: 19 Nov 2020 18:26

Tgt Ion: 50 Resp: 2142

Ion Ratio Lower Upper

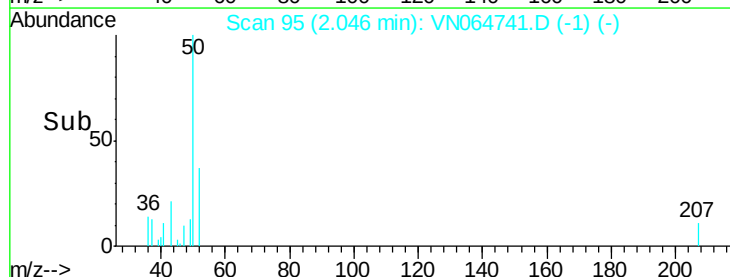
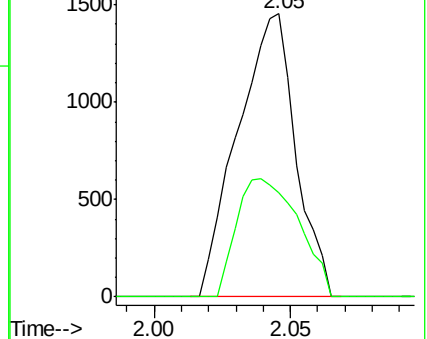
50 100

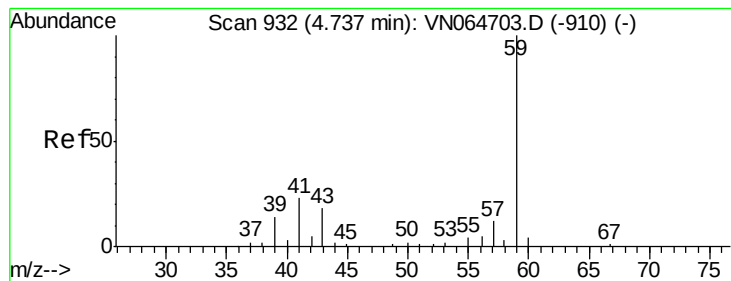
52 36.9 26.4 39.6



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO



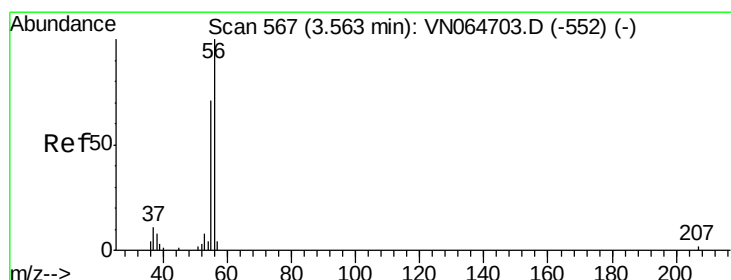
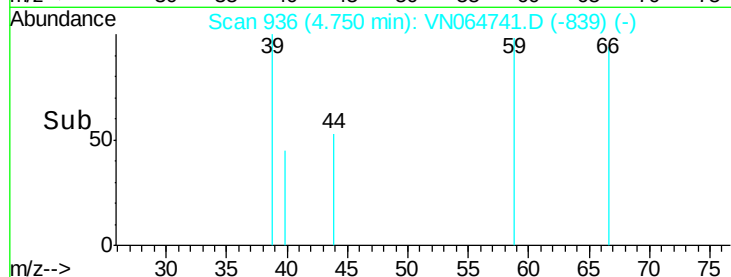
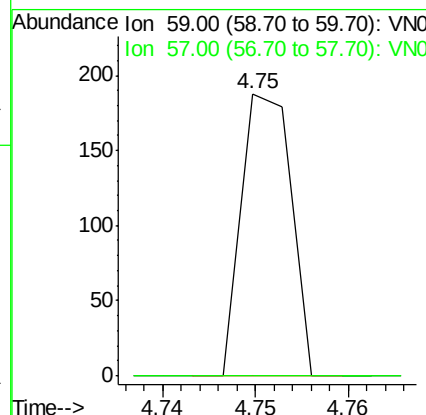
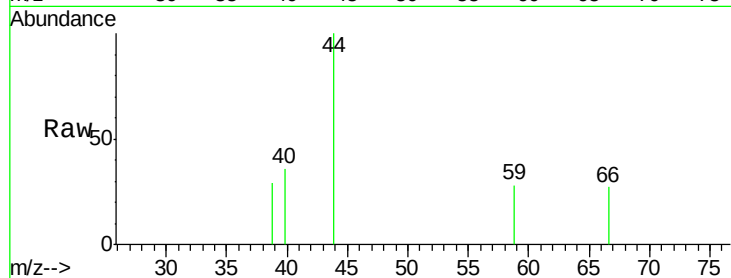


#11

Tert butyl alcohol
 Concen: 0.209 ug/l
 RT: 4.75 min Scan# 936
 Delta R.T. 0.01 min
 Lab File: VN064741.D
 Acq: 19 Nov 2020 18:26

Instrument :
 MSVOA_N
 ClientSampled :
 MW-4

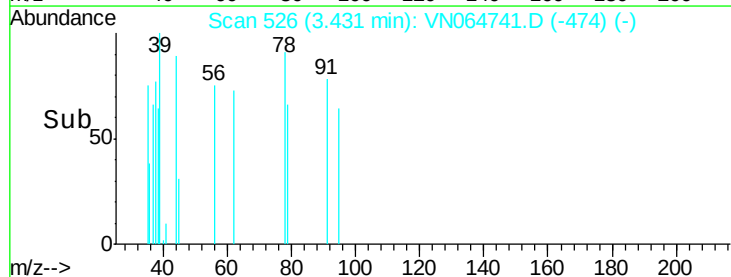
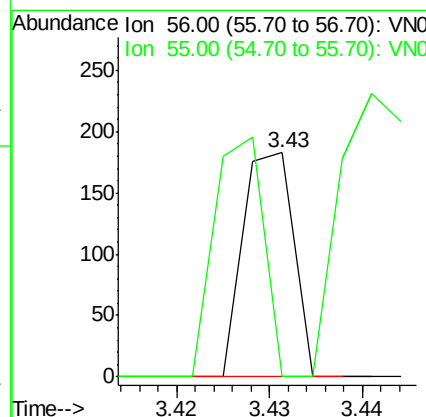
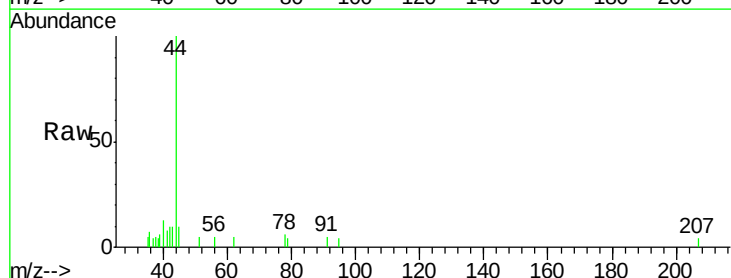
Tot Ion: 59 Resp: 71
 Ion Ratio Lower Upper
 59 100
 57 0.0 9.1 13.7#

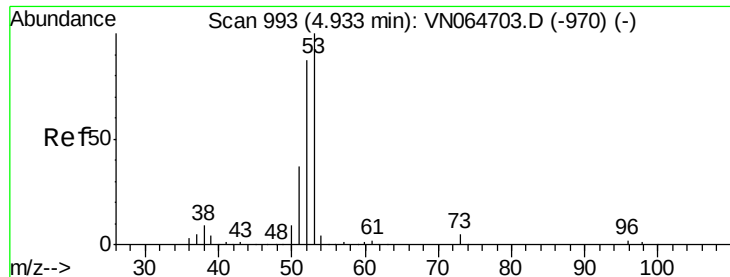


#13

Acrolein
 Concen: 0.867 ug/l
 RT: 3.43 min Scan# 526
 Delta R.T. -0.13 min
 Lab File: VN064741.D
 Acq: 19 Nov 2020 18:26

Tgt Ion: 56 Resp: 69
 Ion Ratio Lower Upper
 56 100
 55 105.8 61.8 92.6#





#15

Acrylonitrile

Concen: 0.204 ug/l

RT: 4.99 min Scan# 1012

Delta R.T. 0.06 min

Lab File: VN064741.D

Acq: 19 Nov 2020 18:26

Instrument :

MSVOA_N

ClientSampled :

MW-4

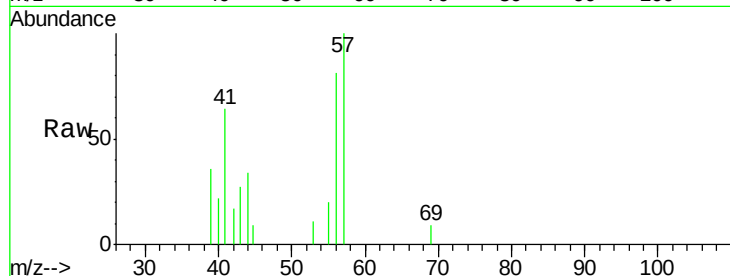
Tot Ion: 53 Resp: 204

Ion Ratio Lower Upper

53 100

52 16.7 67.2 100.8#

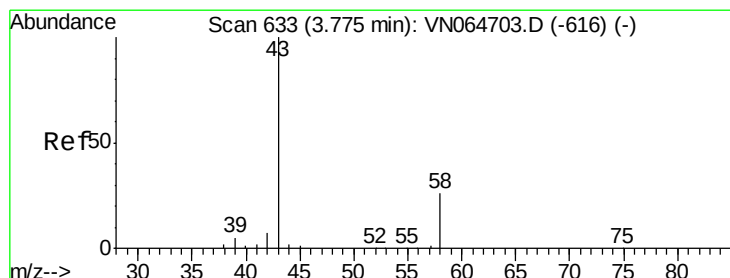
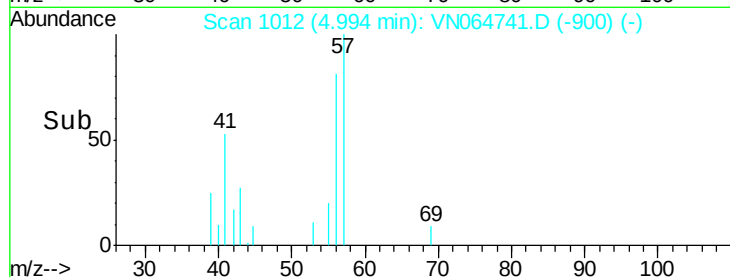
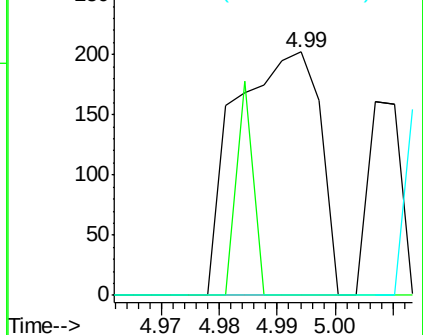
51 0.0 31.0 46.6#



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 14.395 ug/l

RT: 3.78 min Scan# 634

Delta R.T. 0.00 min

Lab File: VN064741.D

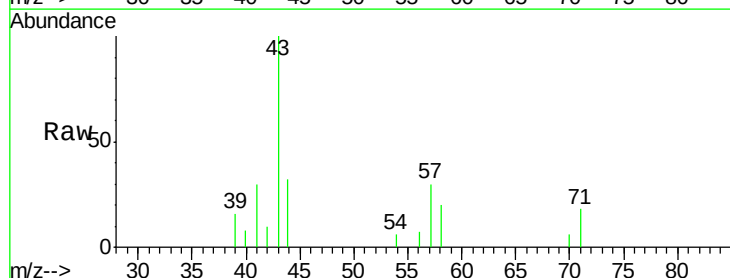
Acq: 19 Nov 2020 18:26

Tgt Ion: 43 Resp: 8077

Ion Ratio Lower Upper

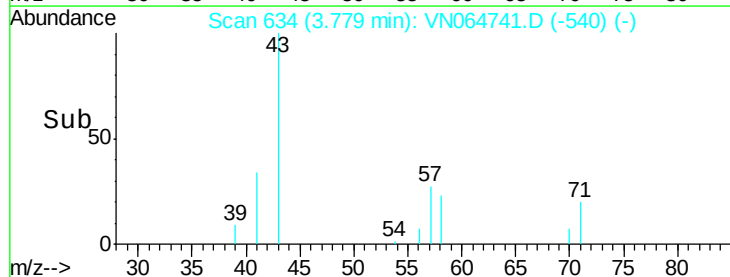
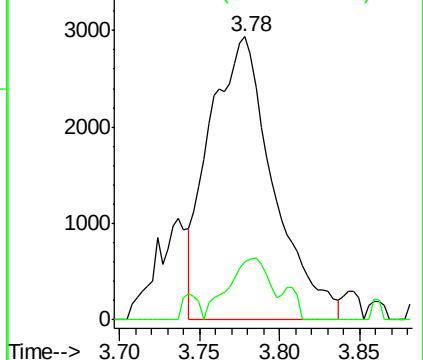
43 100

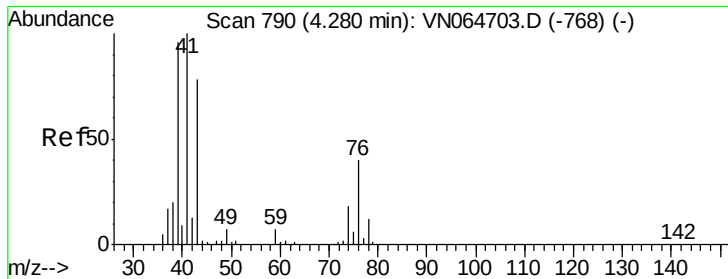
58 21.9 21.2 31.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#18

Methyl Acetate

Concen: 1.407 ug/l

RT: 4.28 min Scan# 789

Delta R.T. -0.00 min

Lab File: VN064741.D

Acq: 19 Nov 2020 18:26

Instrument :

MSVOA_N

ClientSampled :

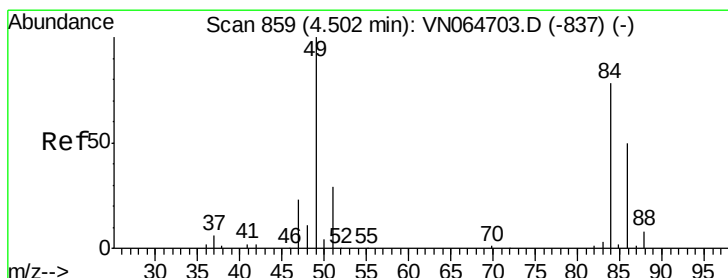
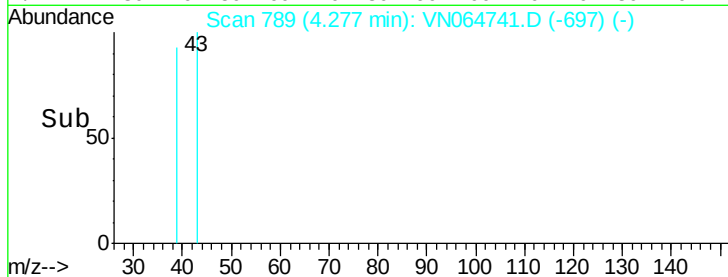
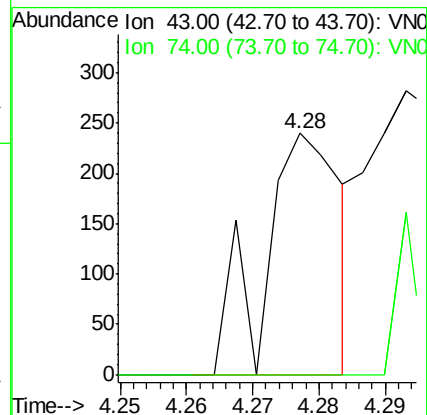
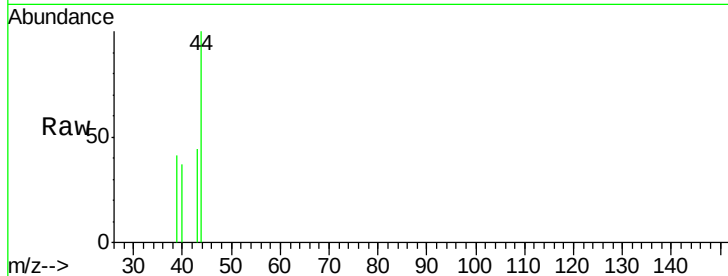
MW-4

Tot Ion: 43 Resp: 192

Ion Ratio Lower Upper

43 100

74 16.1 17.6 26.4#



#20

Methylene Chloride

Concen: 0.402 ug/l

RT: 4.50 min Scan# 859

Delta R.T. 0.00 min

Lab File: VN064741.D

Acq: 19 Nov 2020 18:26

Tgt Ion: 84 Resp: 1043

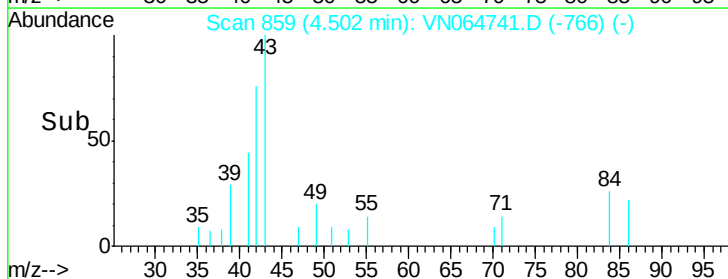
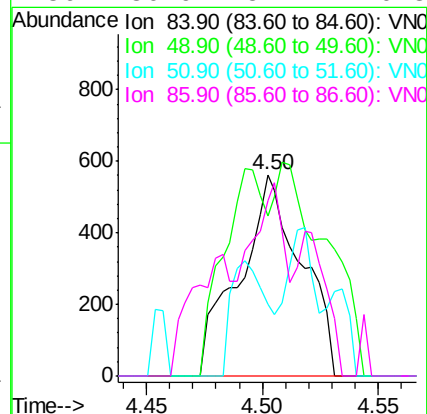
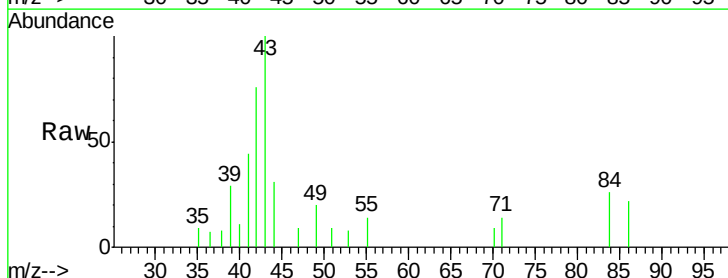
Ion Ratio Lower Upper

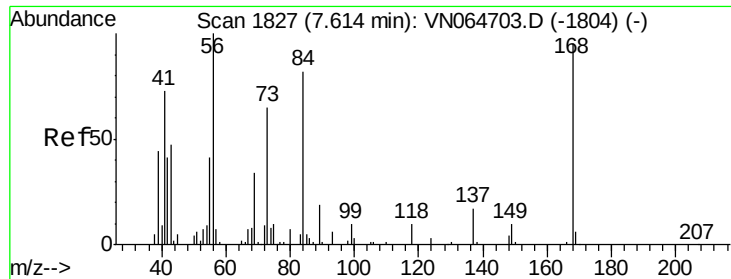
84 100

49 79.6 102.4 153.6#

51 35.5 29.4 44.2

86 86.9 51.2 76.8#

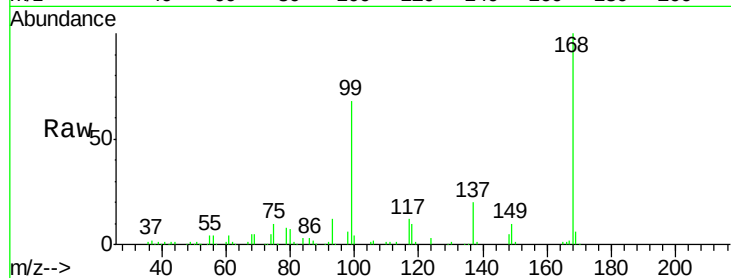




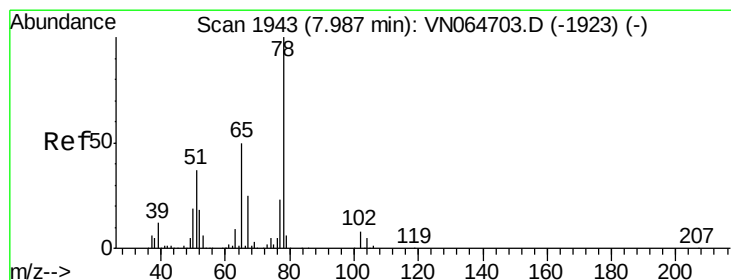
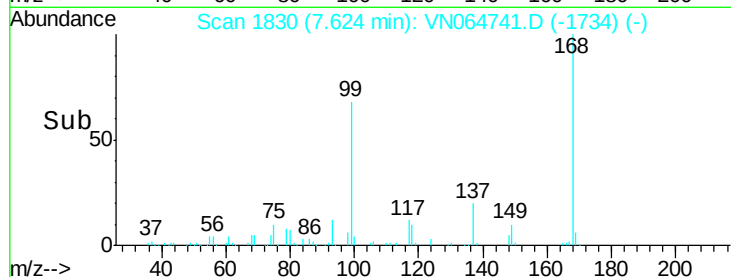
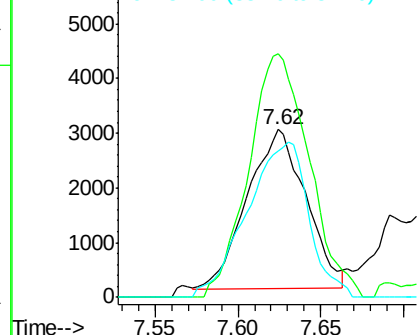
#31
Cyclohexane
Concen: 1.889 ug/l
RT: 7.62 min Scan# 1830
Delta R.T. 0.01 min
Lab File: VN064741.D
Acq: 19 Nov 2020 18:26

Instrument :
MSVOA_N
ClientSampled :
MW-4

Tot Ion: 56 Resp: 7157
Ion Ratio Lower Upper
56 100
69 153.5 27.2 40.8#
84 92.5 65.9 98.9

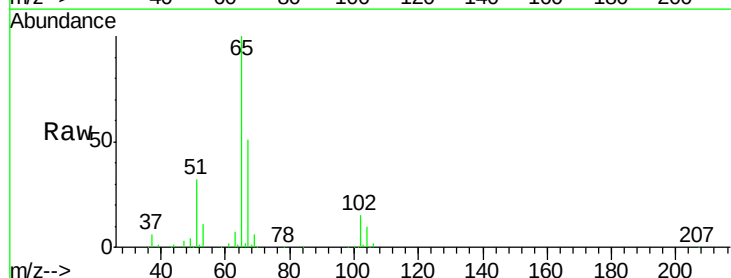


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

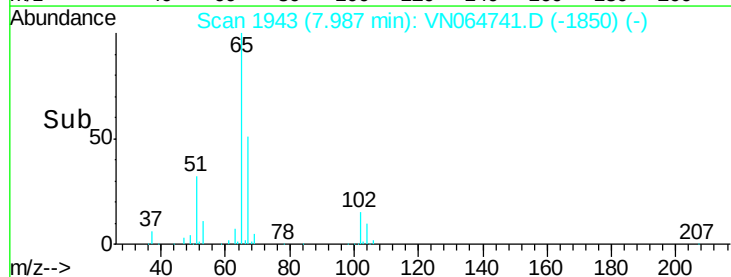
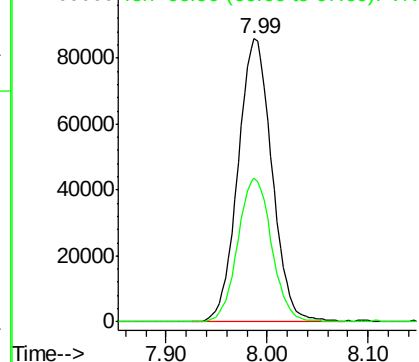


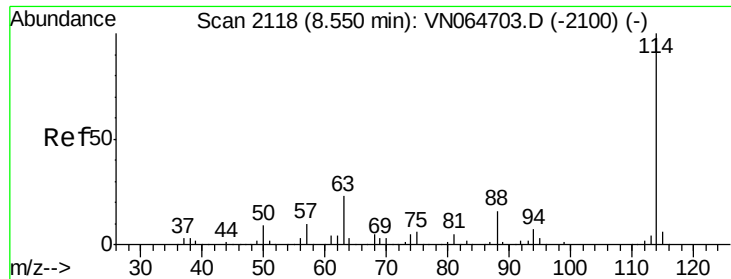
#33
1,2-Dichloroethane-d4
Concen: 57.264 ug/l
RT: 7.99 min Scan# 1943
Delta R.T. 0.00 min
Lab File: VN064741.D
Acq: 19 Nov 2020 18:26

Tgt Ion: 65 Resp: 200717
Ion Ratio Lower Upper
65 100
67 50.4 0.0 99.8



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0

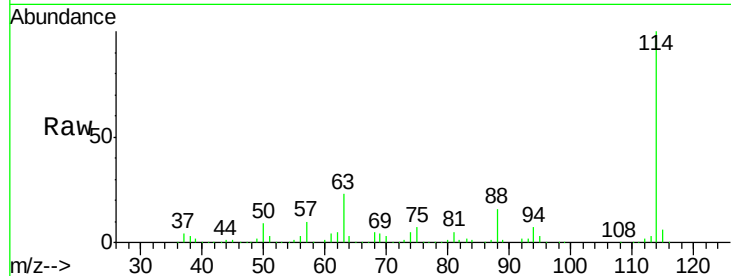




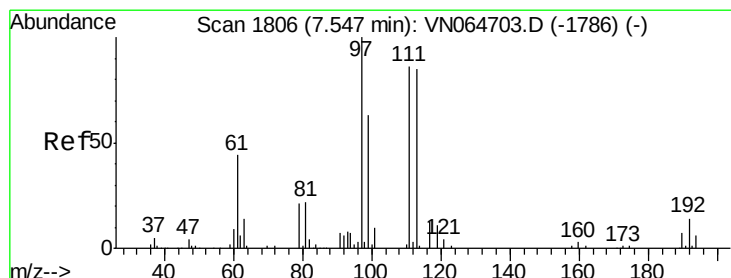
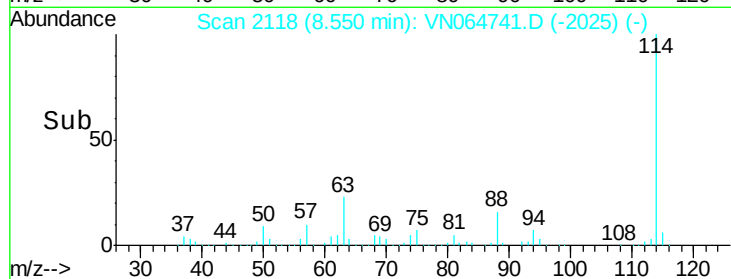
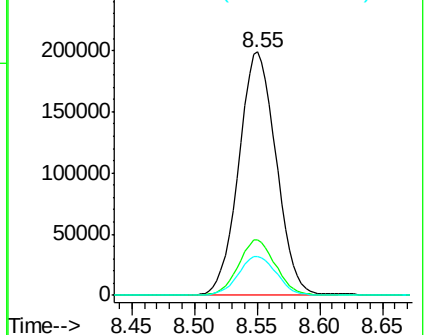
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN064741.D
 Acq: 19 Nov 2020 18:26

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-4

Tot Ion:114 Resp: 412930
 Ion Ratio Lower Upper
 114 100
 63 23.0 0.0 46.0
 88 16.1 0.0 31.2

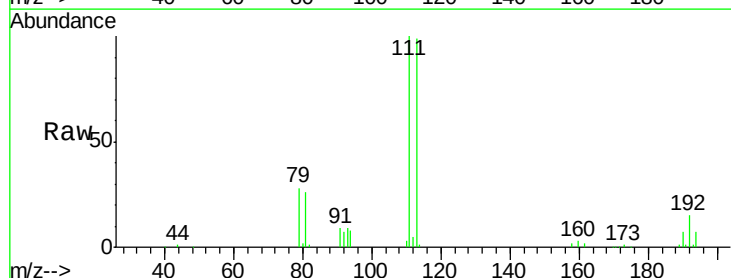


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

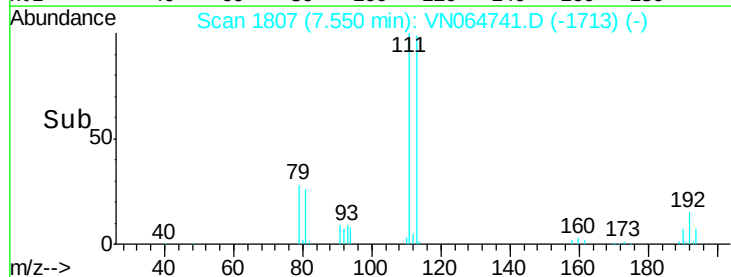
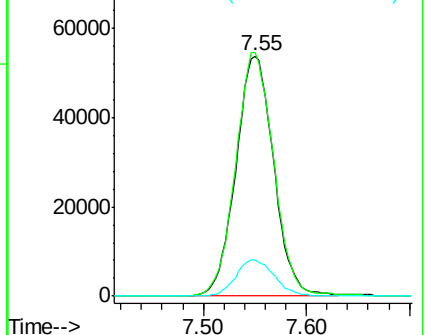


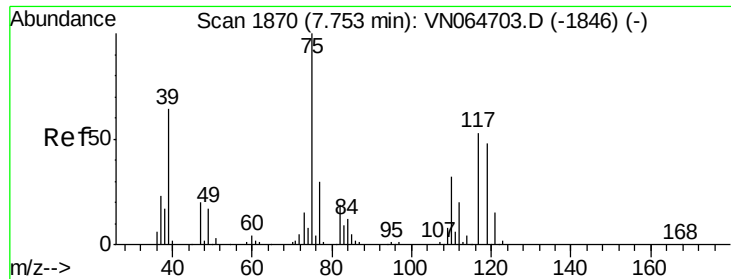
#35
 Dibromofluoromethane
 Concen: 58.445 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN064741.D
 Acq: 19 Nov 2020 18:26

Tgt Ion:113 Resp: 137363
 Ion Ratio Lower Upper
 113 100
 111 101.0 82.2 123.4
 192 15.3 12.7 19.1



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

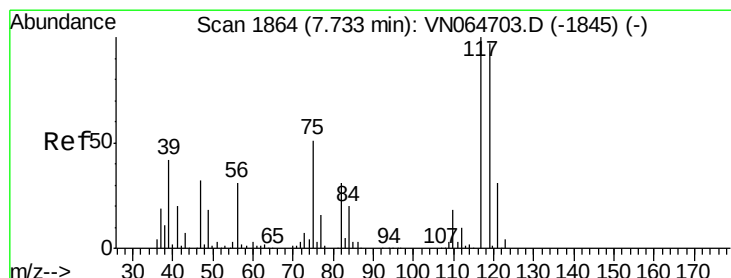
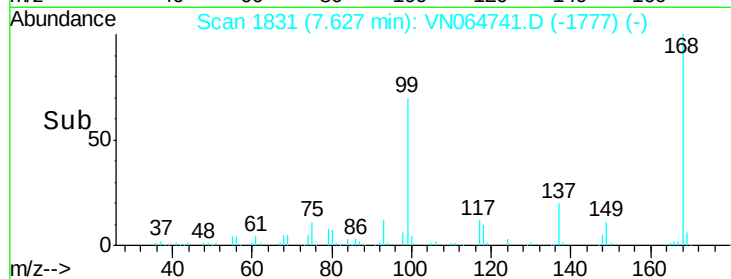
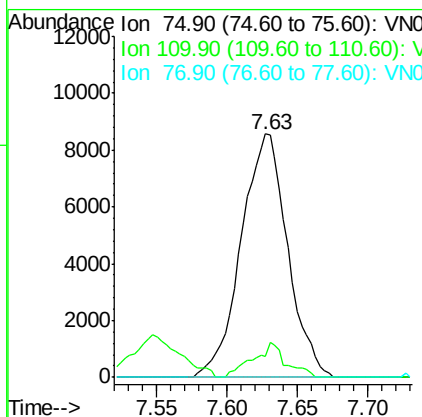
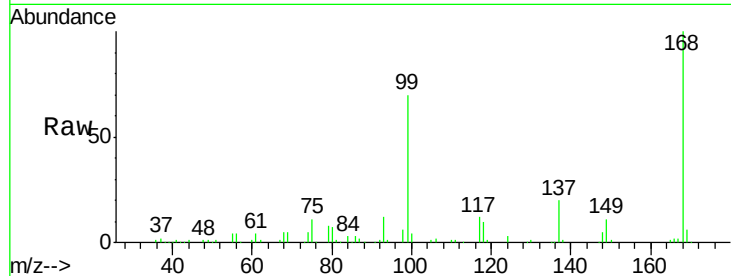




#36
 1,1-Dichloropropene
 Concen: 4.637 ug/l
 RT: 7.63 min Scan# 1831
 Delta R.T. -0.13 min
 Lab File: VN064741.D
 Acq: 19 Nov 2020 18:26

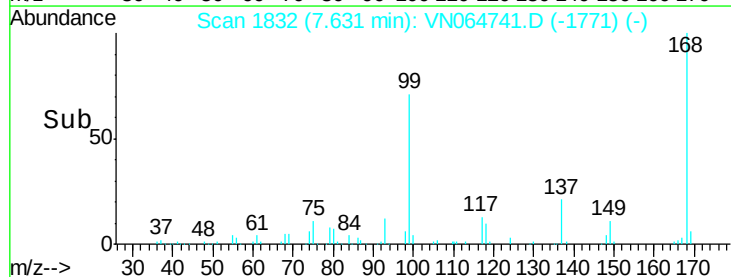
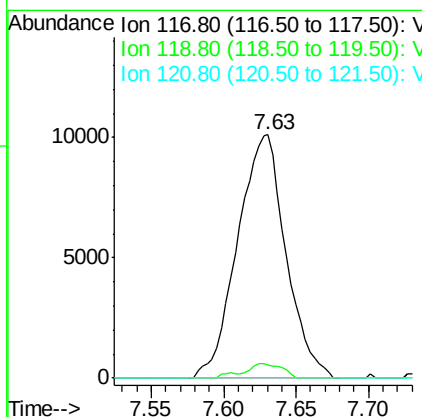
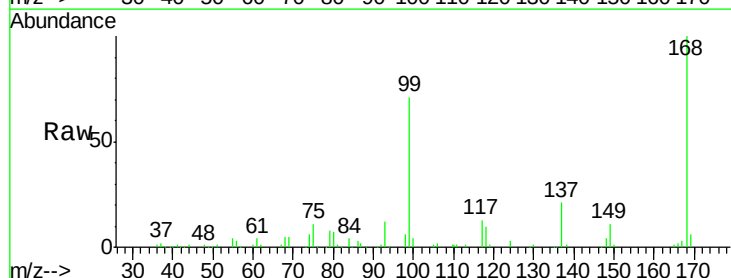
Instrument :
 MSVOA_N
 ClientSampled :
 MW-4

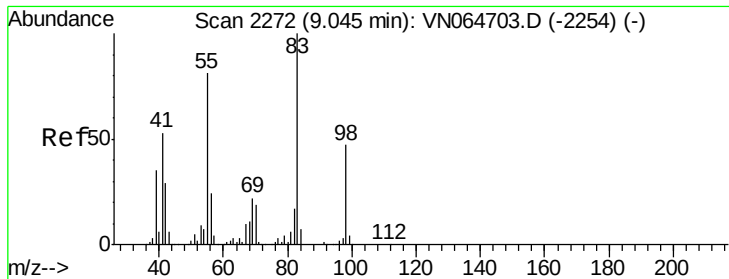
Tot Ion	75	Resp	19699
Ion Ratio	100	Lower	Upper
110	10.0	16.2	48.6#
77	0.0	24.4	36.6#



#38
 Carbon Tetrachloride
 Concen: 5.177 ug/l
 RT: 7.63 min Scan# 1832
 Delta R.T. -0.10 min
 Lab File: VN064741.D
 Acq: 19 Nov 2020 18:26

Tgt Ion	117	Resp	23372
Ion Ratio	100	Lower	Upper
119	5.2	77.8	116.6#
121	0.0	24.9	37.3#

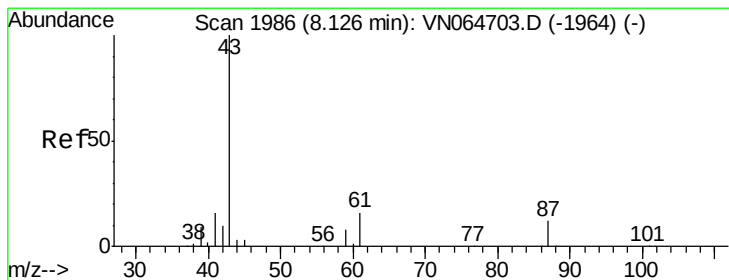
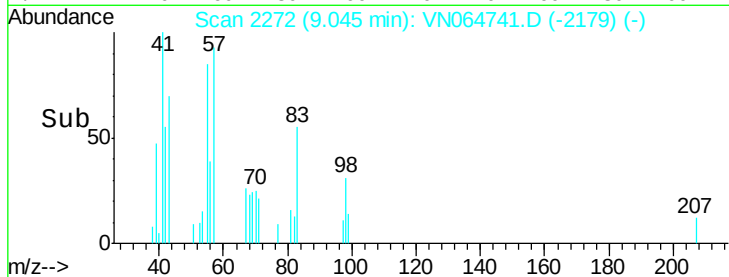
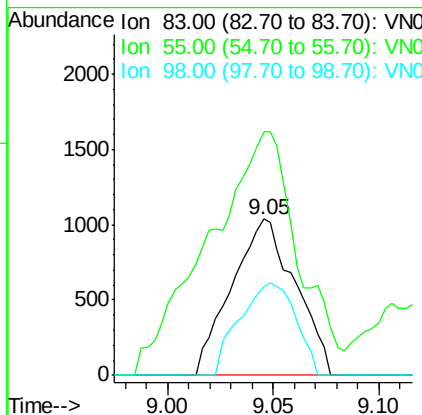
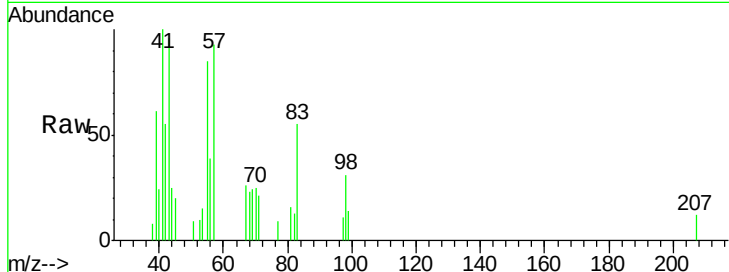




#39
Methylvlcyclohexane
Concen: 0.579 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VN064741.D
Acq: 19 Nov 2020 18:26

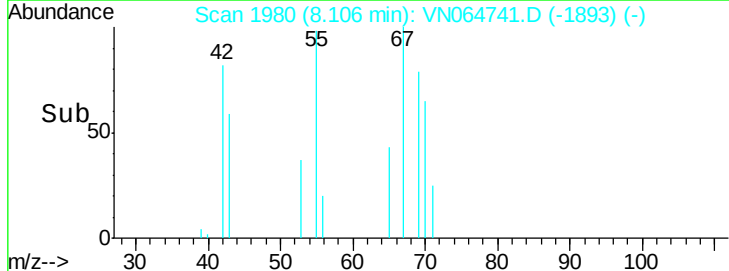
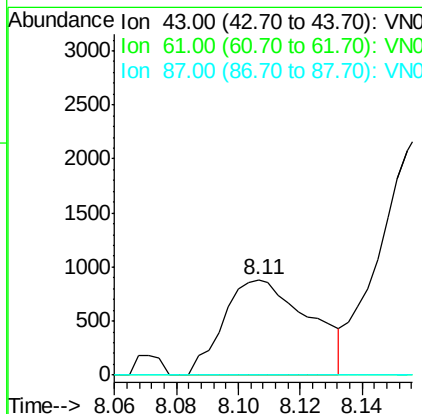
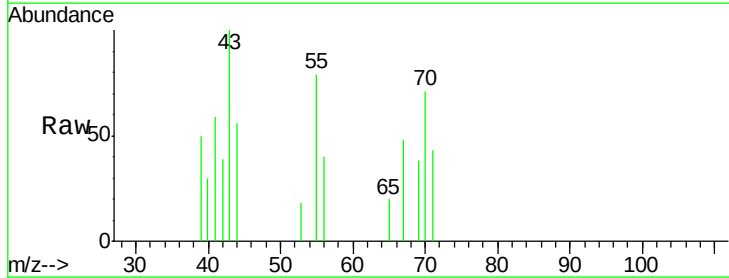
Instrument :
MSVOA_N
ClientSampled :
MW-4

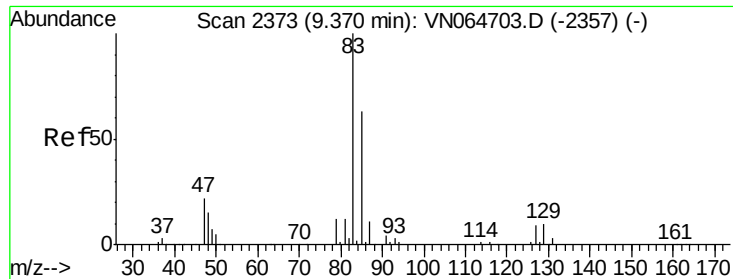
Tot Ion: 83 Resp: 2181
Ion Ratio Lower Upper
83 100
55 138.3 64.6 97.0#
98 56.4 37.7 56.5



#43
Isopropyl Acetate
Concen: 0.246 ug/l
RT: 8.11 min Scan# 1980
Delta R.T. -0.02 min
Lab File: VN064741.D
Acq: 19 Nov 2020 18:26

Tgt Ion: 43 Resp: 1698
Ion Ratio Lower Upper
43 100
61 0.0 14.1 21.1#
87 0.0 9.1 13.7#





#47

Bromodichloromethane

Concen: 0.219 ug/l

RT: 9.35 min Scan# 2367

Delta R.T. -0.02 min

Lab File: VN064741.D

Acq: 19 Nov 2020 18:26

Instrument :

MSVOA_N

ClientSampleId :

MW-4

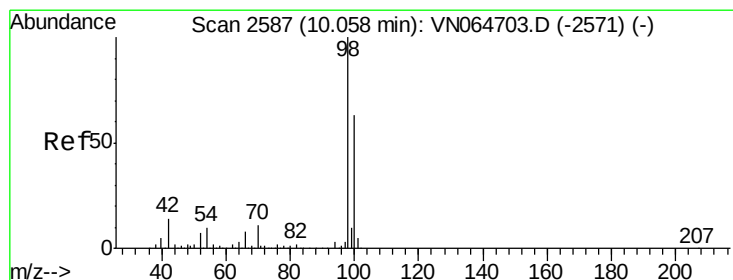
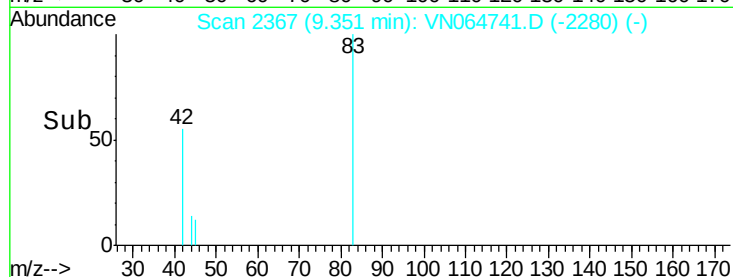
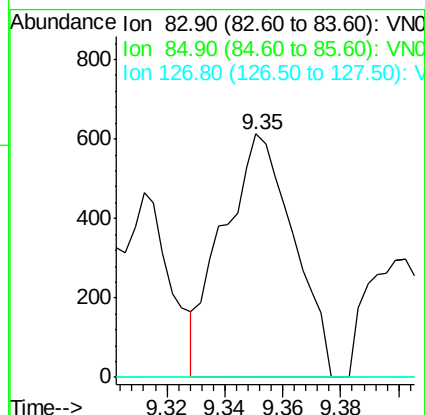
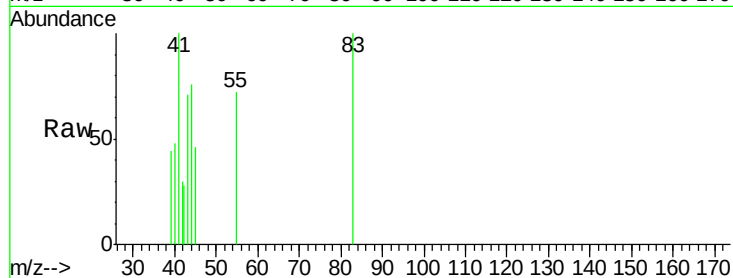
Tot Ion: 83 Resp: 1032

Ion Ratio Lower Upper

83 100

85 0.0 50.8 76.2#

127 0.0 7.0 10.4#



#50

Toluene-d8

Concen: 51.237 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN064741.D

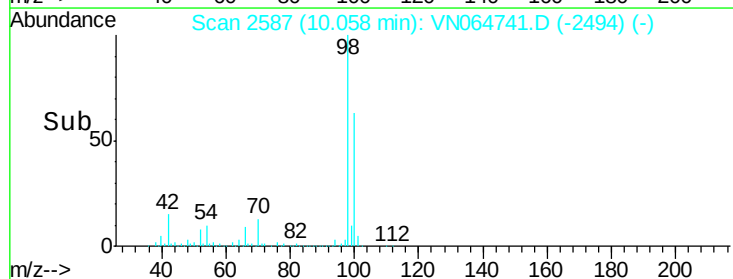
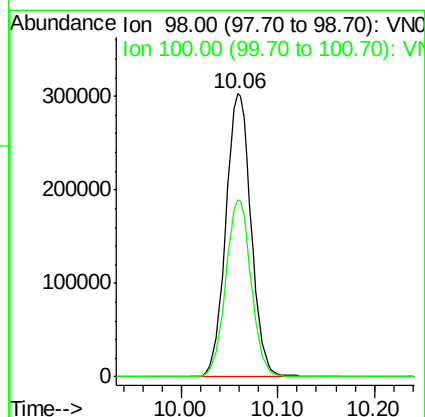
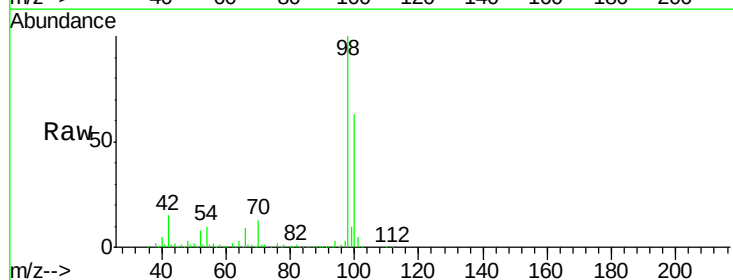
Acq: 19 Nov 2020 18:26

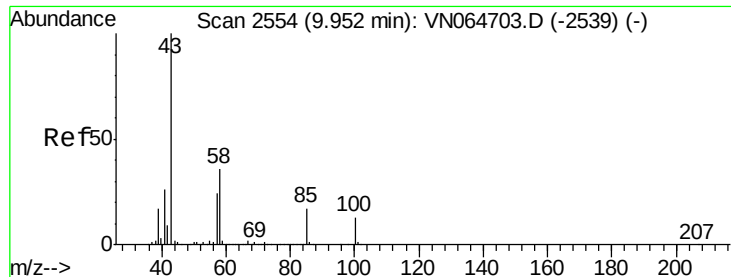
Tgt Ion: 98 Resp: 547294

Ion Ratio Lower Upper

98 100

100 62.8 50.4 75.6





#51

4-Methyl-2-Pentanone

Concen: 6.181 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN064741.D

Acq: 19 Nov 2020 18:26

Instrument :

MSVOA_N

ClientSampled :

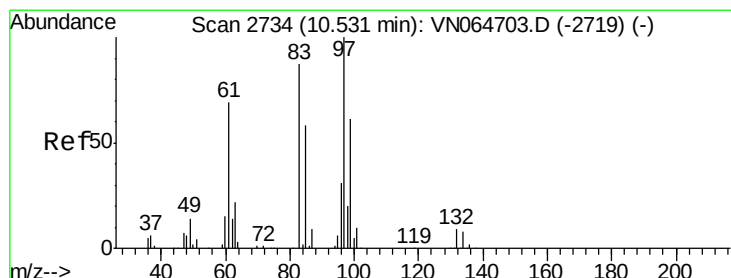
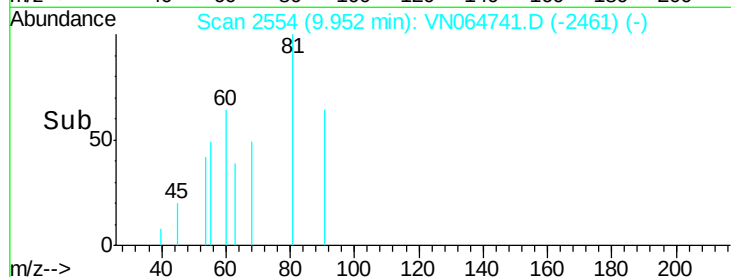
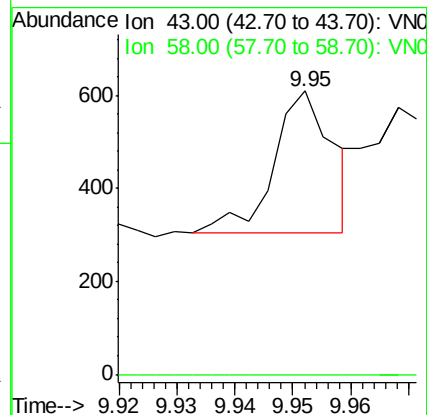
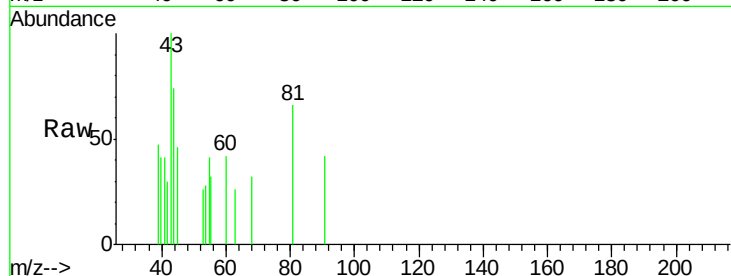
MW-4

Tot Ion: 43 Resp: 219

Ion Ratio Lower Upper

43 100

58 0.0 28.5 42.7#



#55

1,1,2-Trichloroethane

Concen: 0.867 ug/l

RT: 10.50 min Scan# 2724

Delta R.T. -0.03 min

Lab File: VN064741.D

Acq: 19 Nov 2020 18:26

Tgt Ion: 97 Resp: 2534

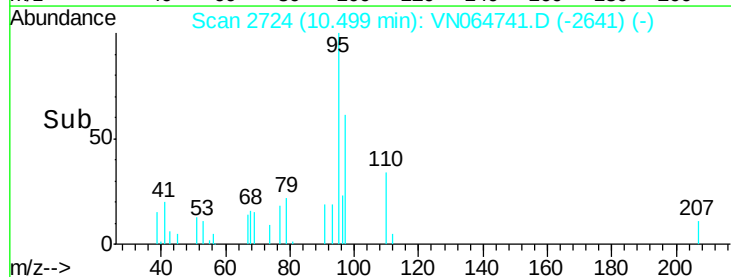
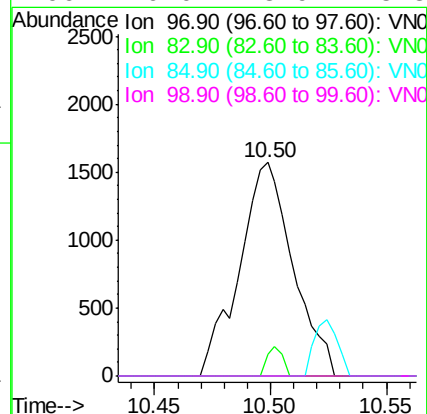
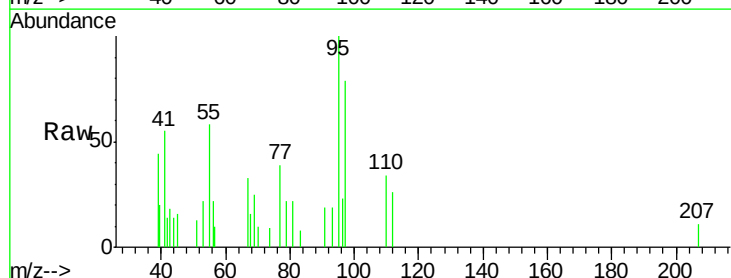
Ion Ratio Lower Upper

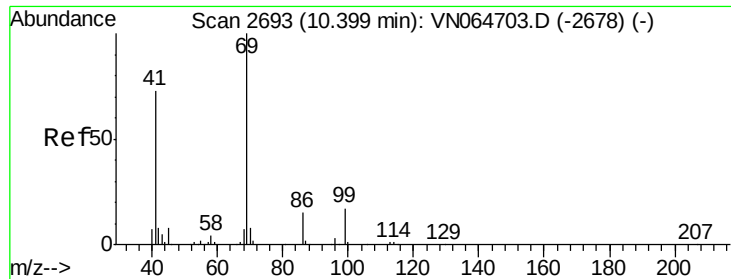
97 100

83 10.1 69.6 104.4#

85 0.0 46.6 70.0#

99 0.0 48.9 73.3#





#56

Ethyl methacrylate

Concen: 2.695 ug/l

RT: 10.40 min Scan# 2694

Delta R.T. 0.00 min

Lab File: VN064741.D

Acq: 19 Nov 2020 18:26

Instrument :

MSVOA_N

ClientSampled :

MW-4

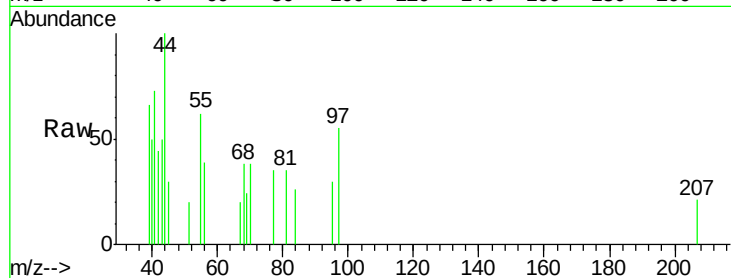
Tot Ion: 69 Resp: 100

Ion Ratio Lower Upper

69 100

41 378.0 59.0 88.4#

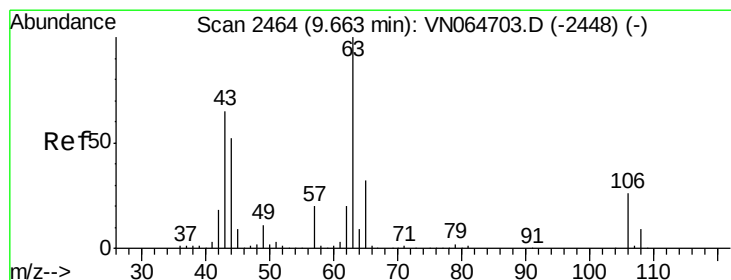
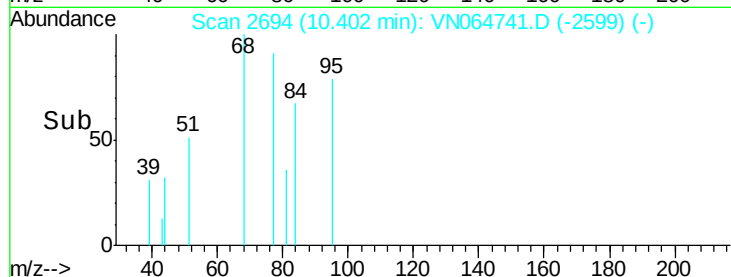
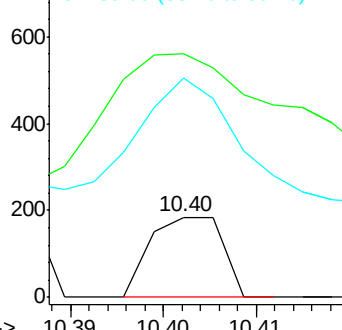
39 212.0 38.4 57.6#



Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 13.320 ug/l

RT: 9.62 min Scan# 2450

Delta R.T. -0.04 min

Lab File: VN064741.D

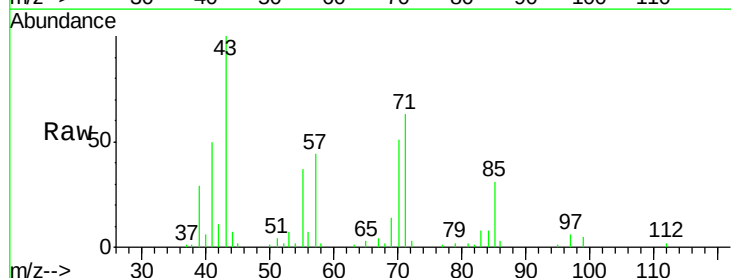
Acq: 19 Nov 2020 18:26

Tgt Ion: 63 Resp: 132

Ion Ratio Lower Upper

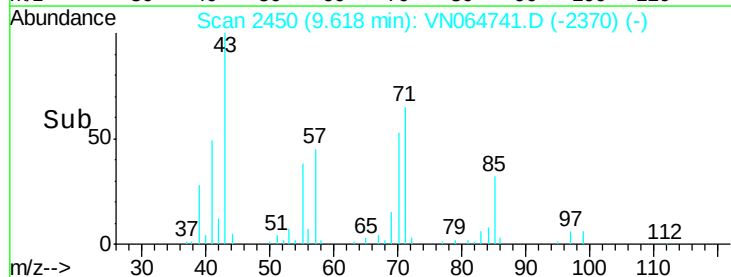
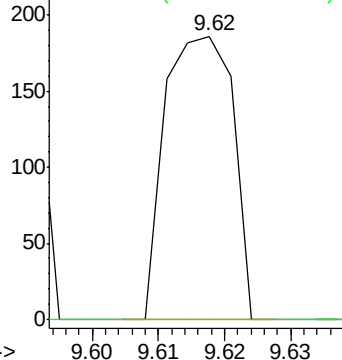
63 100

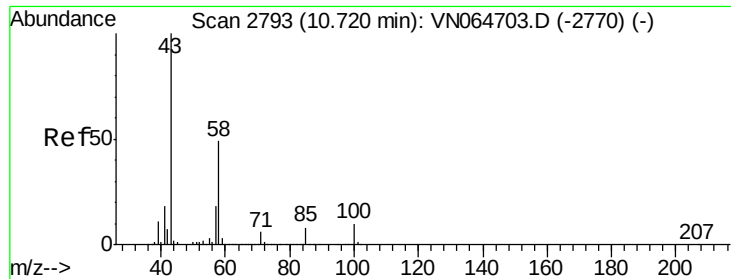
106 0.0 20.9 31.3#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

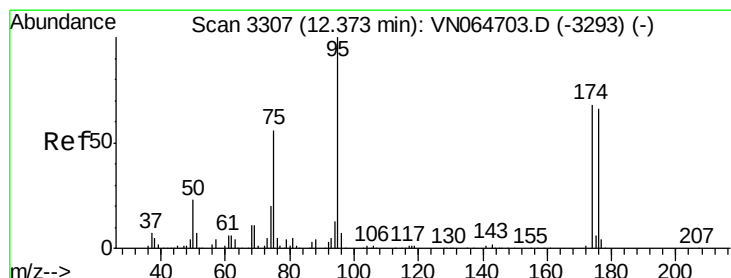
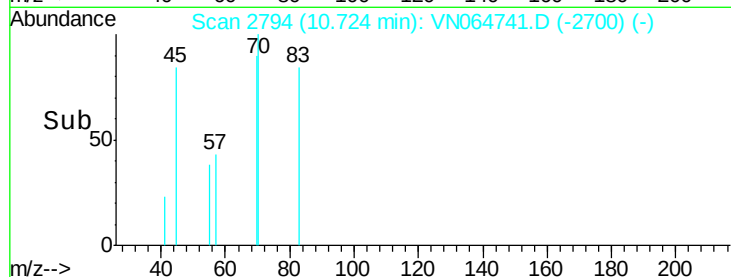
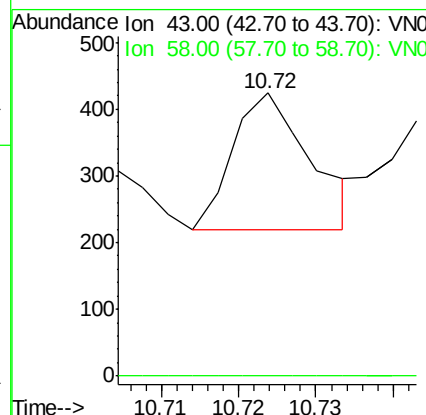
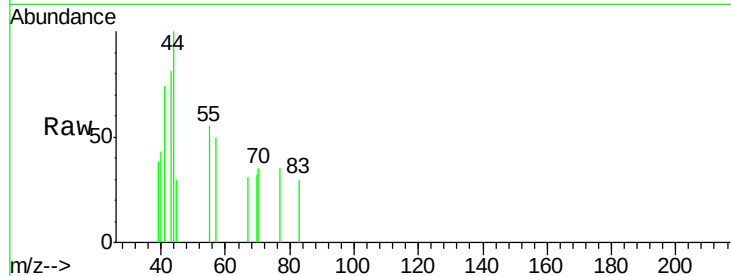




#59
2-Hexanone
Concen: 8.485 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN064741.D
Acq: 19 Nov 2020 18:26

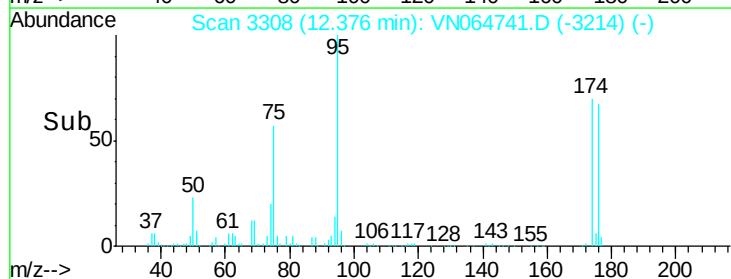
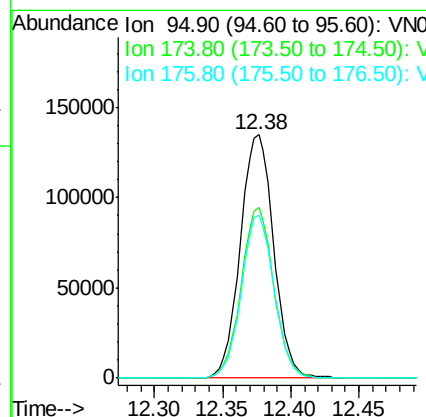
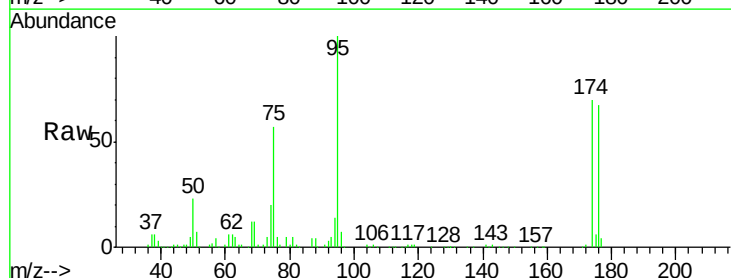
Instrument :
MSVOA_N
ClientSampled :
MW-4

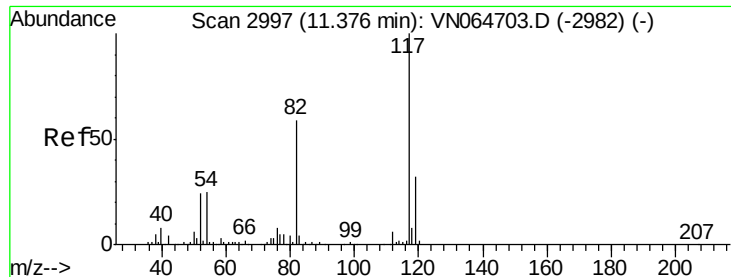
Tot Ion: 43 Resp: 143
Ion Ratio Lower Upper
43 100
58 0.0 24.4 73.4#



#62
4-Bromofluorobenzene
Concen: 57.341 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.00 min
Lab File: VN064741.D
Acq: 19 Nov 2020 18:26

Tgt Ion: 95 Resp: 228940
Ion Ratio Lower Upper
95 100
174 68.2 0.0 136.8
176 65.6 0.0 134.2

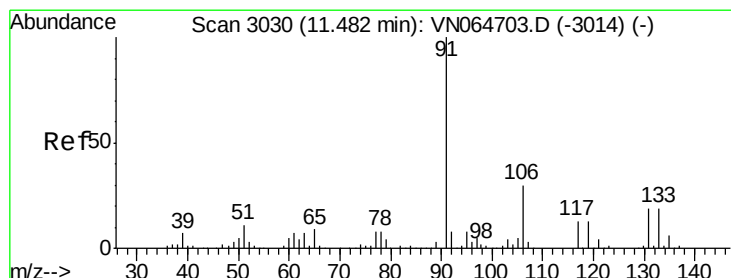
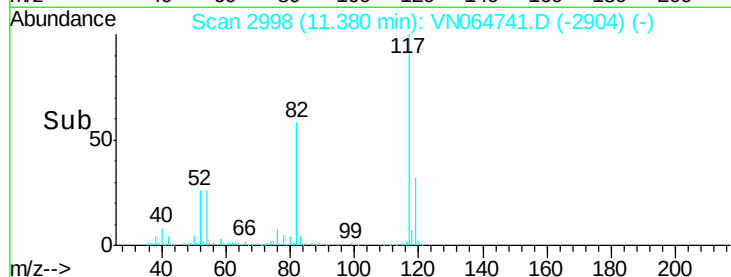
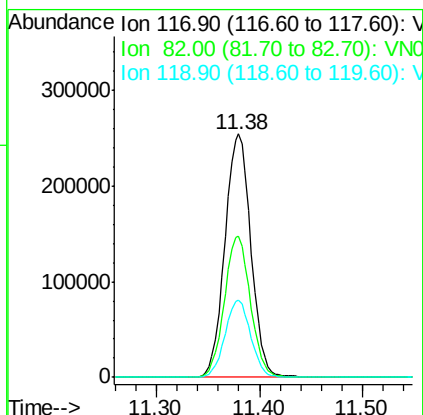
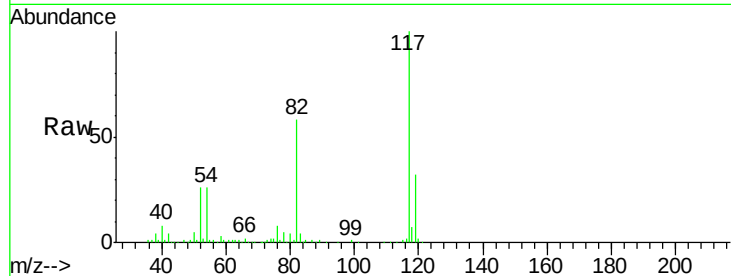




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064741.D
Acq: 19 Nov 2020 18:26

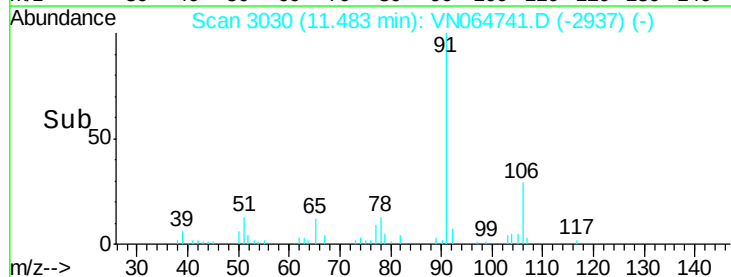
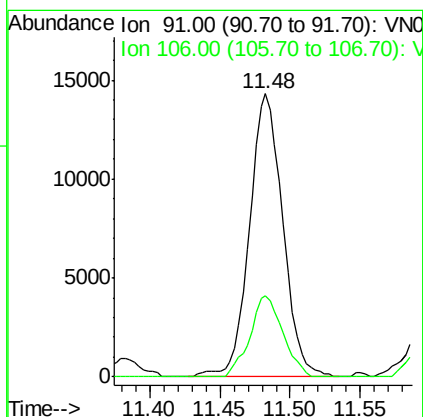
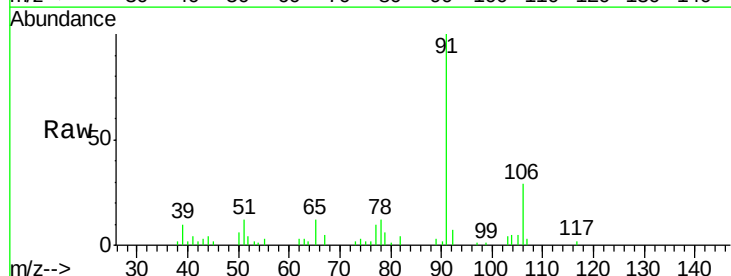
Instrument :
MSVOA_N
ClientSampled :
MW-4

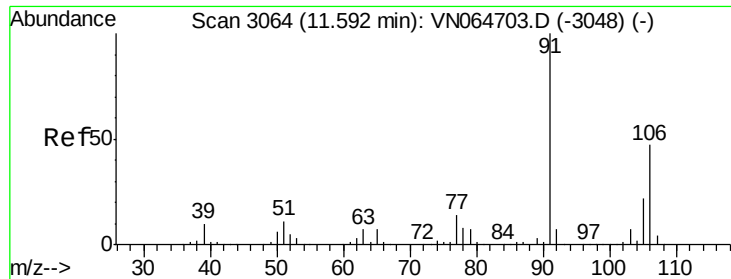
Tot Ion:117 Resp: 447481
Ion Ratio Lower Upper
117 100
82 58.0 47.0 70.6
119 31.8 25.4 38.2



#67
Ethyl Benzene
Concen: 1.413 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN064741.D
Acq: 19 Nov 2020 18:26

Tgt Ion: 91 Resp: 23715
Ion Ratio Lower Upper
91 100
106 28.8 23.9 35.9





#68

m/p-Xylenes

Concen: 4.536 ug/l

RT: 11.60 min Scan# 3065

Delta R.T. 0.00 min

Lab File: VN064741.D

Acq: 19 Nov 2020 18:26

Instrument :

MSVOA_N

ClientSampled :

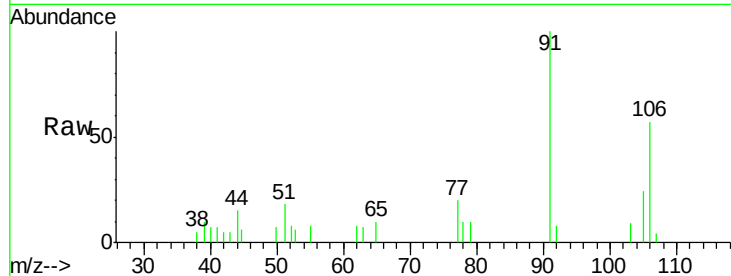
MW-4

Tot Ion:106 Resp: 3368

Ion Ratio Lower Upper

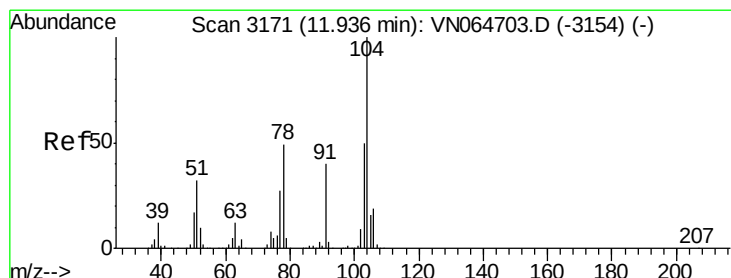
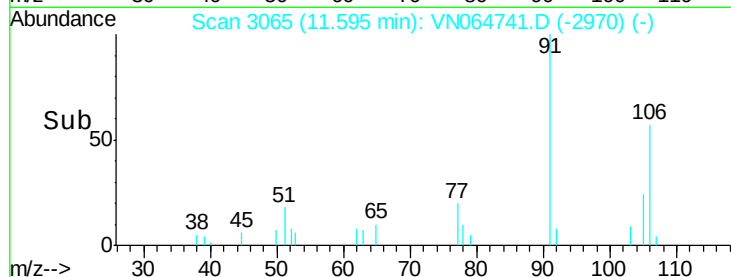
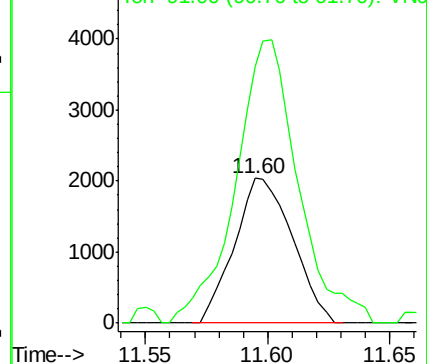
106 100

91 210.5 171.9 257.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN



#70

Styrene

Concen: 2.836 ug/l

RT: 12.22 min Scan# 3259

Delta R.T. 0.28 min

Lab File: VN064741.D

Acq: 19 Nov 2020 18:26

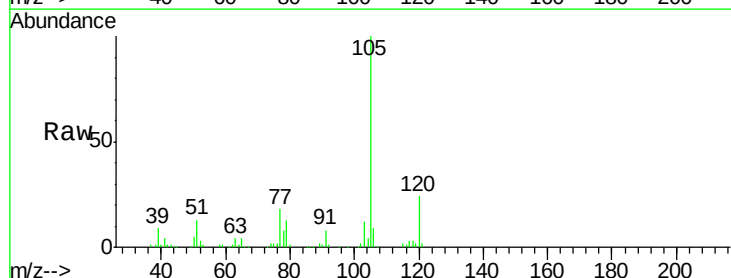
Tgt Ion:104 Resp: 3600

Ion Ratio Lower Upper

104 100

78 0.0 44.1 66.1#

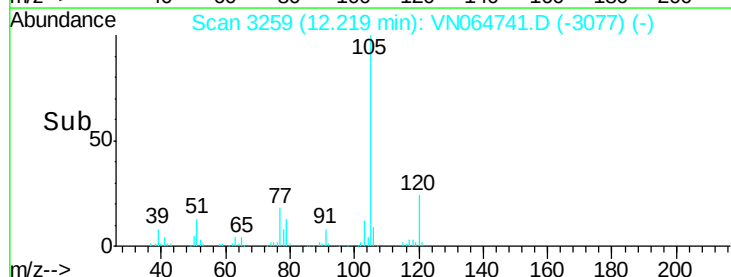
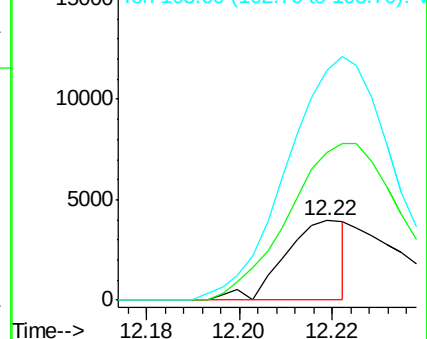
103 0.0 43.7 65.5#

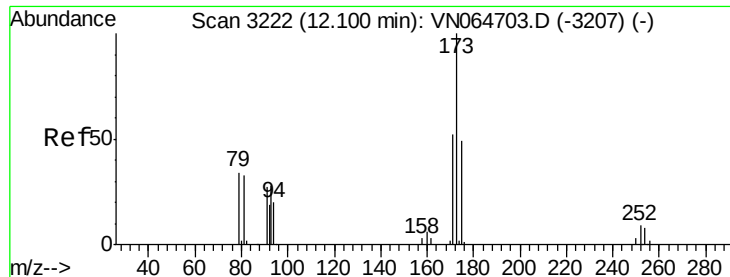


Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VN

Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 2.517 ug/l

RT: 12.36 min Scan# 3303

Delta R.T. 0.26 min

Lab File: VN064741.D

Acq: 19 Nov 2020 18:26

Instrument :

MSVOA_N

ClientSampleId :

MW-4

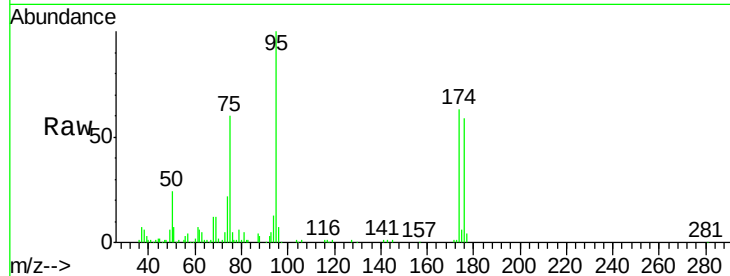
Tot Ion:173 Resp: 203

Ion Ratio Lower Upper

173 100

175 5430.0 24.3 72.9#

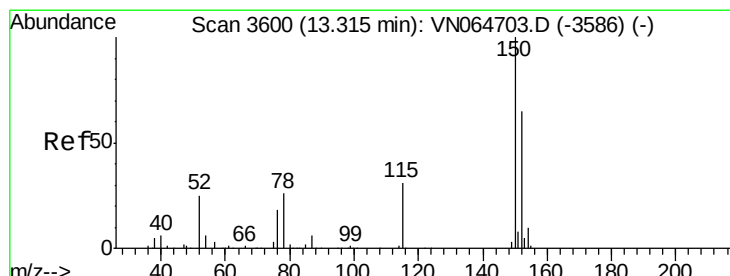
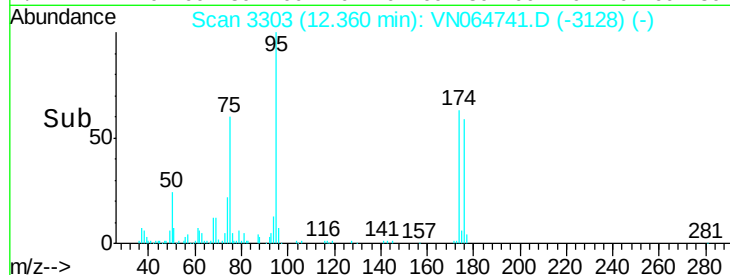
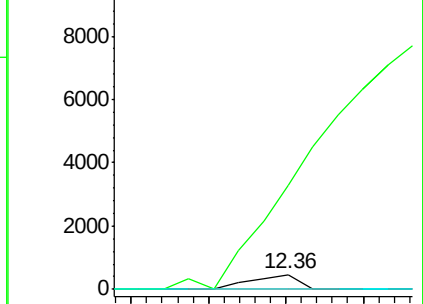
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN064741.D

Acq: 19 Nov 2020 18:26

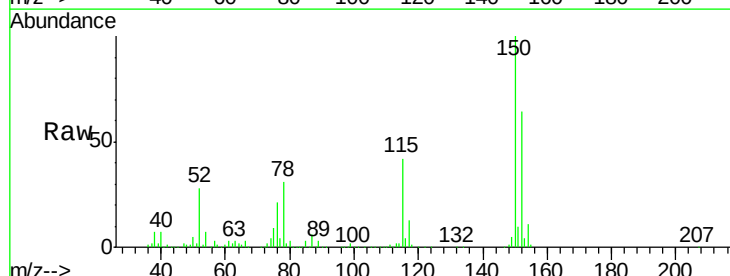
Tgt Ion:152 Resp: 199813

Ion Ratio Lower Upper

152 100

115 65.8 32.1 96.3

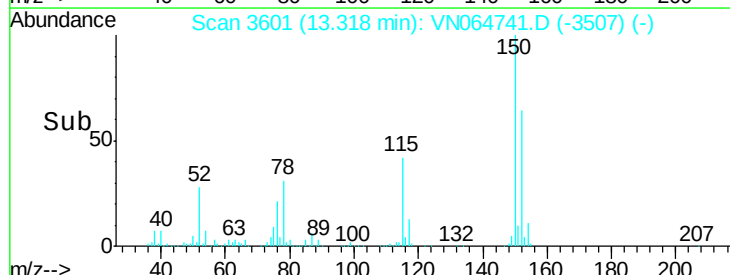
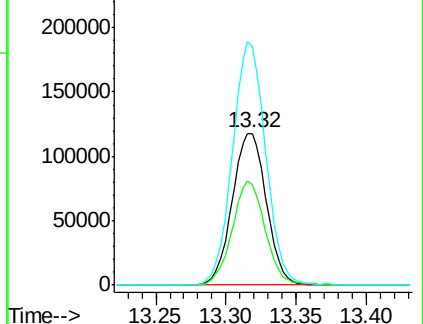
150 156.0 0.0 344.8

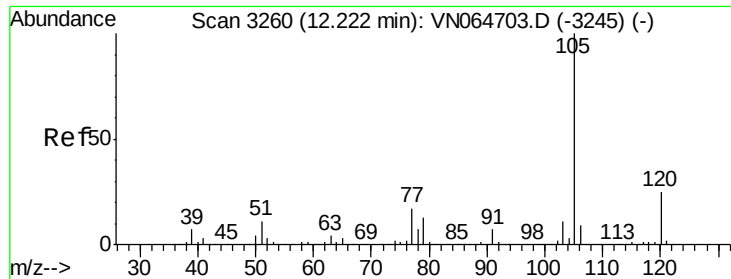


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

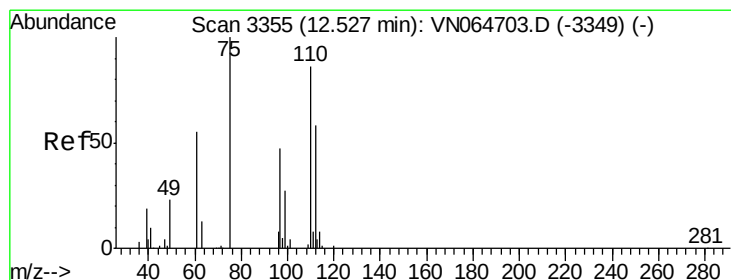
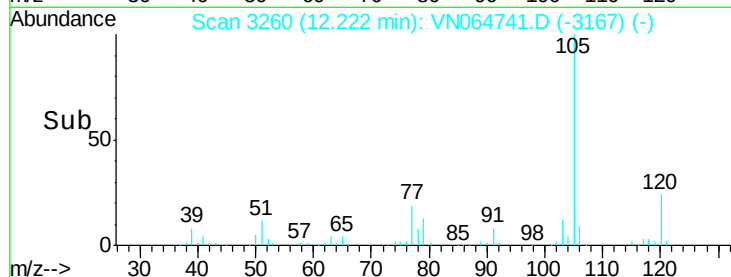
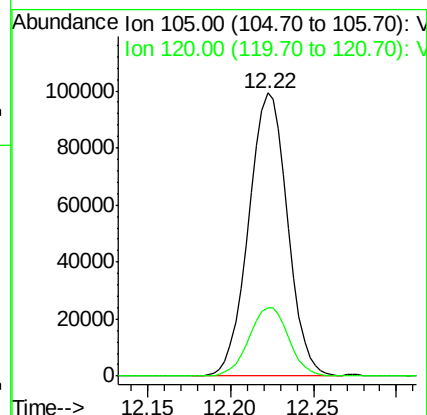
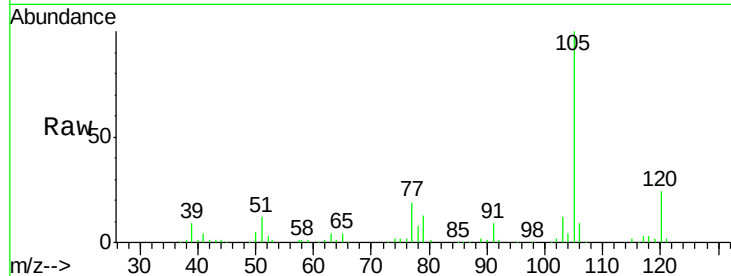




#73
Isopropylbenzene
Concen: 11.444 ug/l
RT: 12.22 min Scan# 3260
Delta R.T. 0.00 min
Lab File: VN064741.D
Acq: 19 Nov 2020 18:26

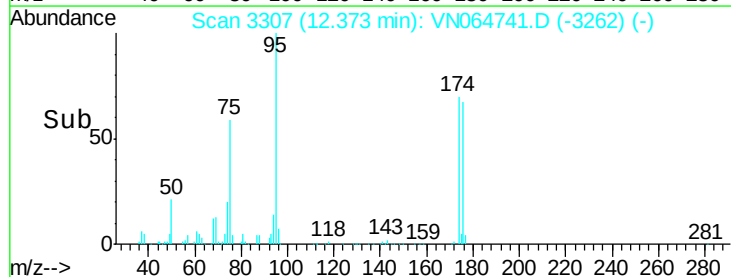
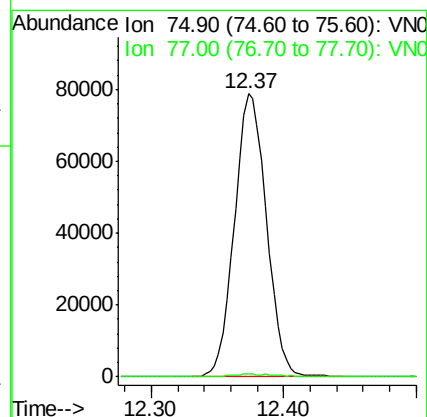
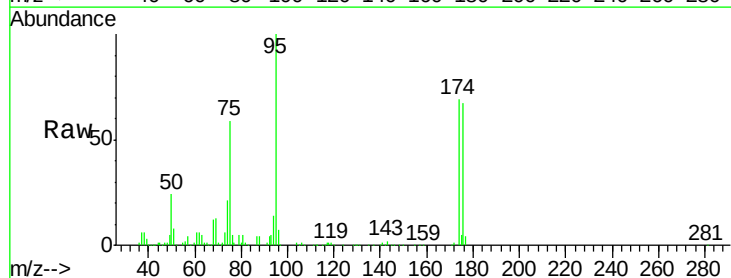
Instrument :
MSVOA_N
ClientSampled :
MW-4

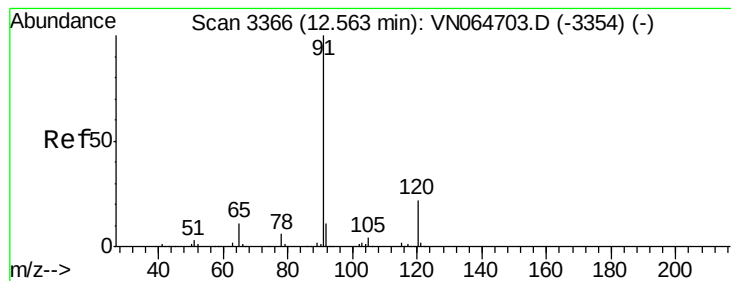
Tot Ion:105 Resp: 162346
Ion Ratio Lower Upper
105 100
120 24.9 12.8 38.3



#76
1,2,3-Trichloropropane
Concen: 30.719 ug/l
RT: 12.37 min Scan# 3307
Delta R.T. -0.15 min
Lab File: VN064741.D
Acq: 19 Nov 2020 18:26

Tgt Ion: 75 Resp: 132253
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#





#78

n-propylbenzene

Concen: 19.297 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. 0.00 min

Lab File: VN064741.D

Acq: 19 Nov 2020 18:26

Instrument :

MSVOA_N

ClientSampled :

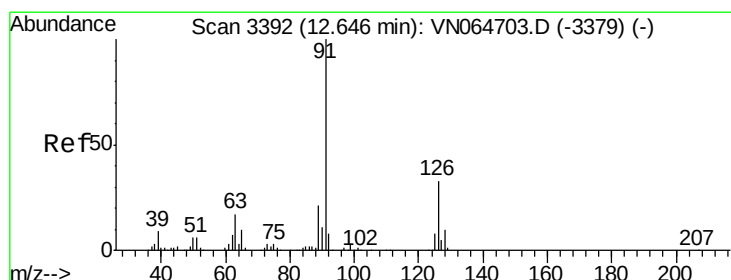
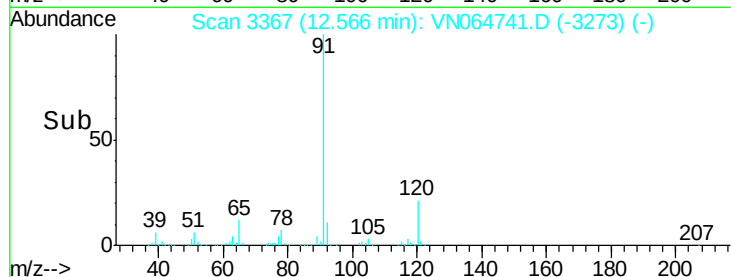
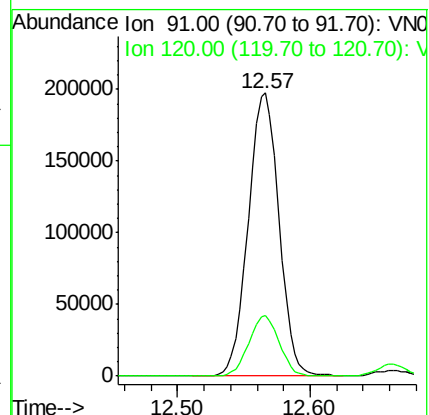
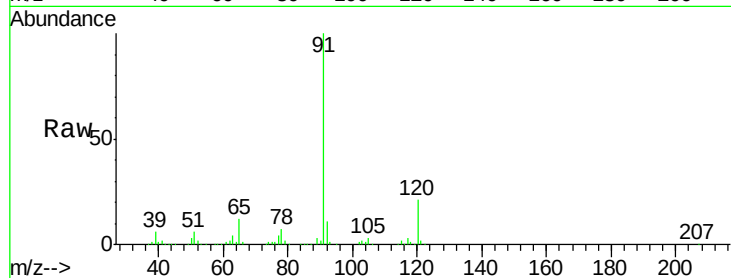
MW-4

Tot Ion: 91 Resp: 318815

Ion Ratio Lower Upper

91 100

120 21.1 10.9 32.9



#79

2-Chlorotoluene

Concen: 30.150 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. -0.08 min

Lab File: VN064741.D

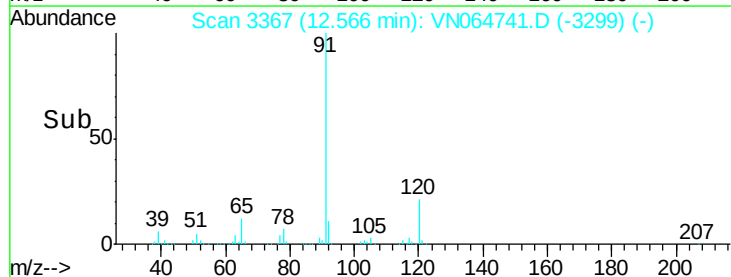
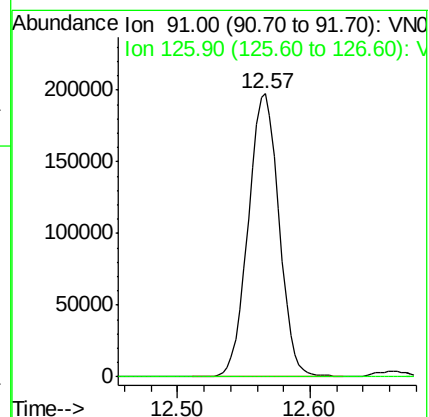
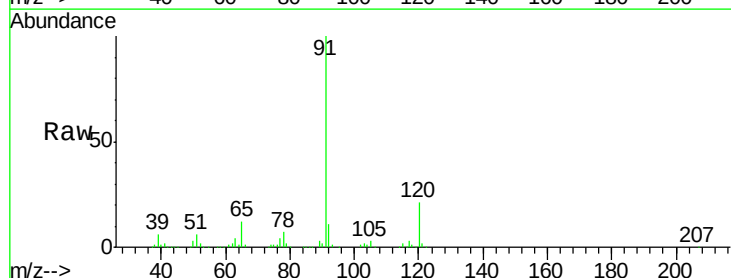
Acq: 19 Nov 2020 18:26

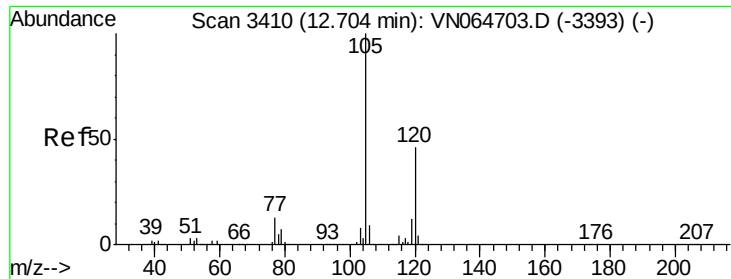
Tgt Ion: 91 Resp: 318815

Ion Ratio Lower Upper

91 100

126 0.0 16.0 48.0#

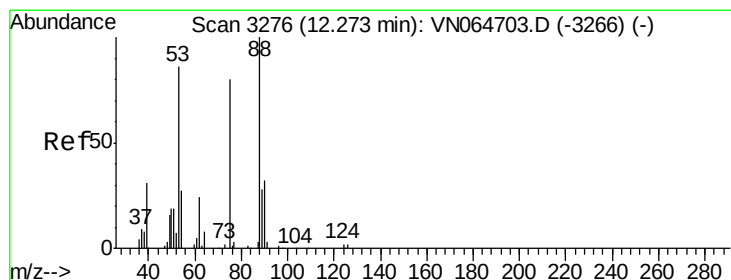
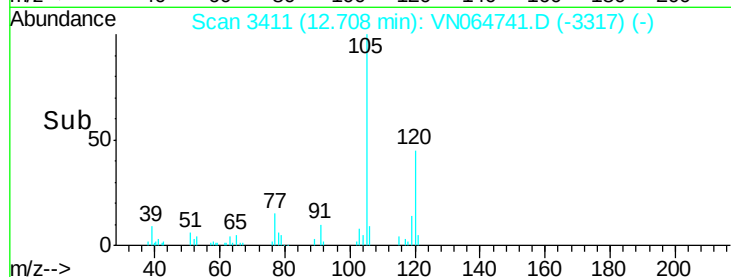
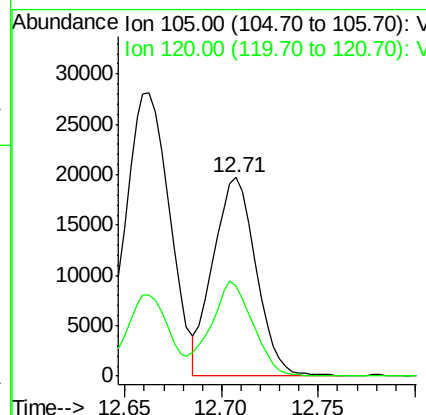
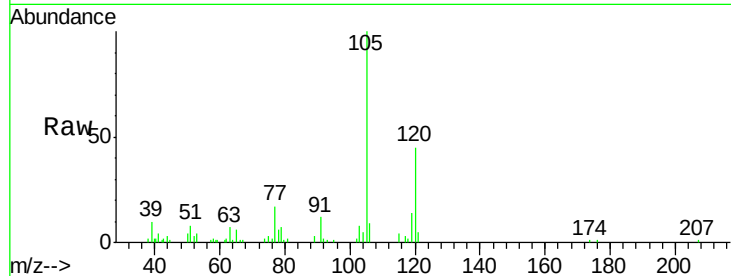




#80
 1,3,5-Trimethylbenzene
 Concen: 2.589 ug/l
 RT: 12.71 min Scan# 3411
 Delta R.T. 0.00 min
 Lab File: VN064741.D
 Acq: 19 Nov 2020 18:26

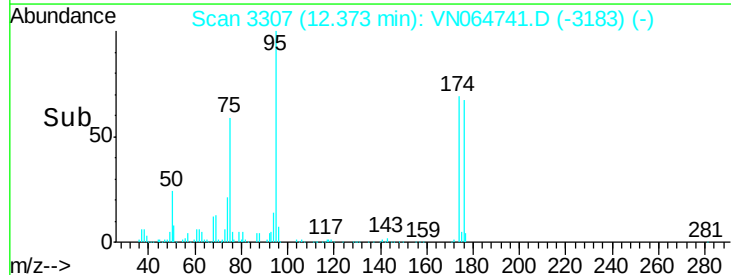
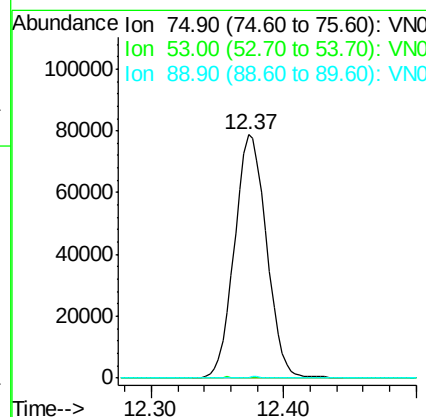
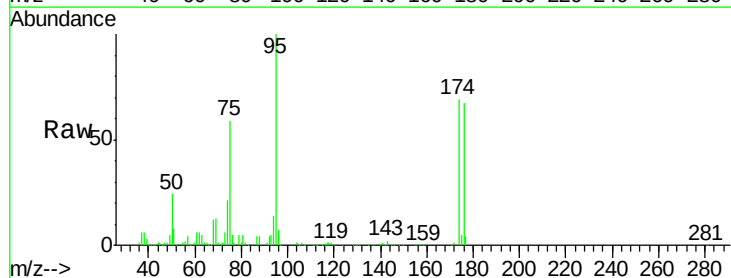
Instrument :
 MSVOA_N
 ClientSampled :
 MW-4

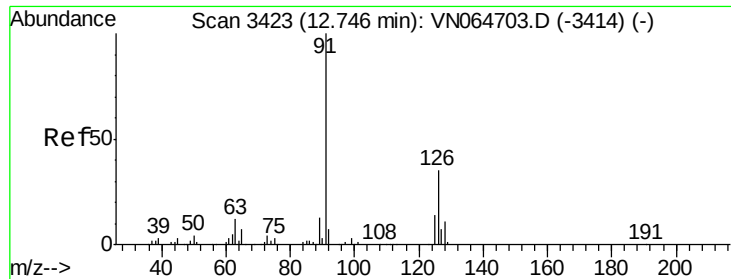
Tot Ion:105 Resp: 30506
 Ion Ratio Lower Upper
 105 100
 120 47.2 22.9 68.8



#81
 trans-1,4-Dichloro-2-butene
 Concen: 78.271 ug/l
 RT: 12.37 min Scan# 3307
 Delta R.T. 0.10 min
 Lab File: VN064741.D
 Acq: 19 Nov 2020 18:26

Tgt Ion: 75 Resp: 132253
 Ion Ratio Lower Upper
 75 100
 53 0.2 88.8 133.2#
 89 0.0 43.1 64.7#

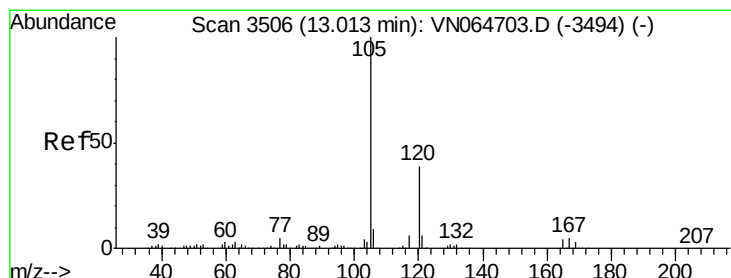
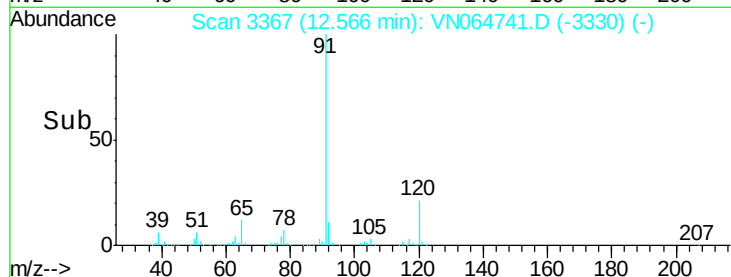
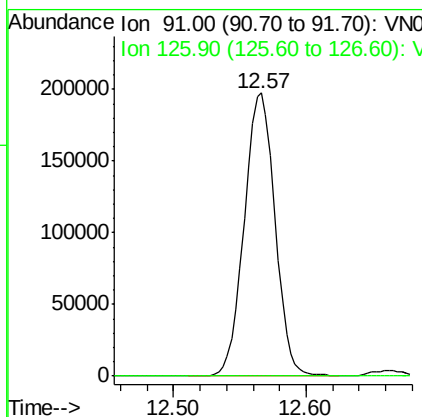
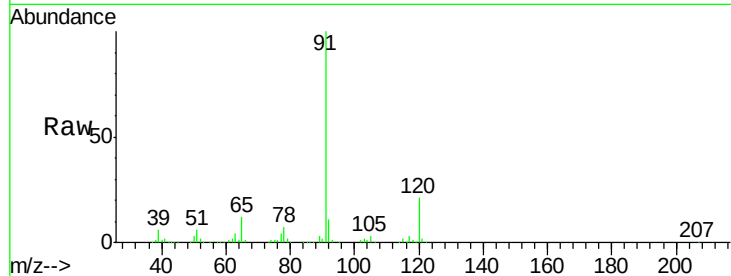




#82
 4-Chlorotoluene
 Concen: 28.276 ug/l
 RT: 12.57 min Scan# 3367
 Delta R.T. -0.18 min
 Lab File: VN064741.D
 Acq: 19 Nov 2020 18:26

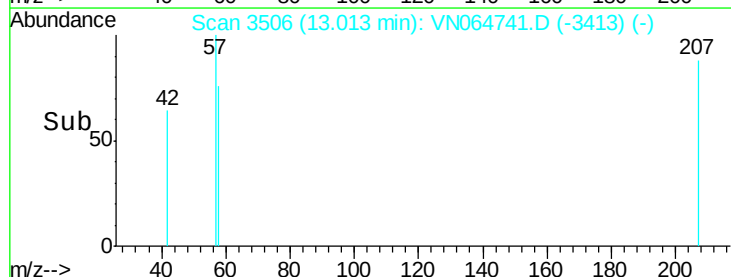
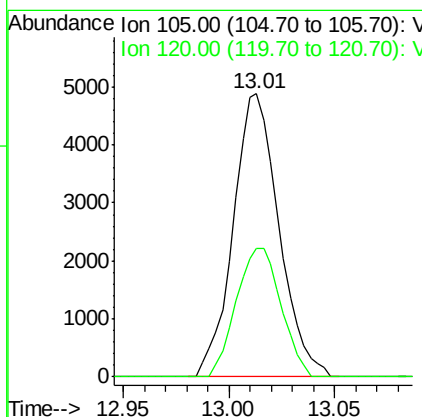
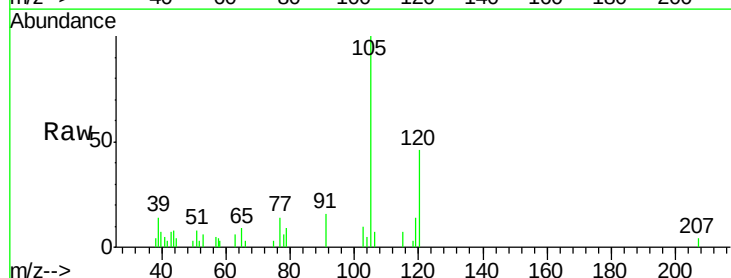
Instrument :
 MSVOA_N
 ClientSampled :
 MW-4

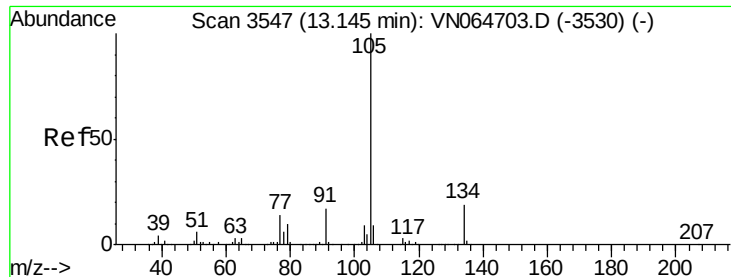
Tot Ion: 91 Resp: 318815
 Ion Ratio Lower Upper
 91 100
 126 0.0 15.9 47.7#



#84
 1,2,4-Trimethylbenzene
 Concen: 0.612 ug/l
 RT: 13.01 min Scan# 3506
 Delta R.T. 0.00 min
 Lab File: VN064741.D
 Acq: 19 Nov 2020 18:26

Tgt Ion: 105 Resp: 7357
 Ion Ratio Lower Upper
 105 100
 120 44.4 22.0 66.0





#85

sec-Butylbenzene

Concen: 1.866 ug/l

RT: 13.14 min Scan# 3547

Delta R.T. 0.00 min

Lab File: VN064741.D

Acq: 19 Nov 2020 18:26

Instrument :

MSVOA_N

ClientSampled :

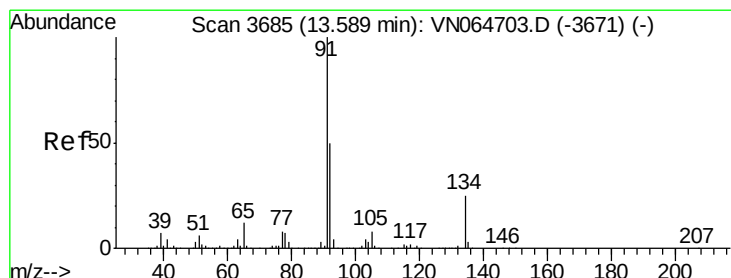
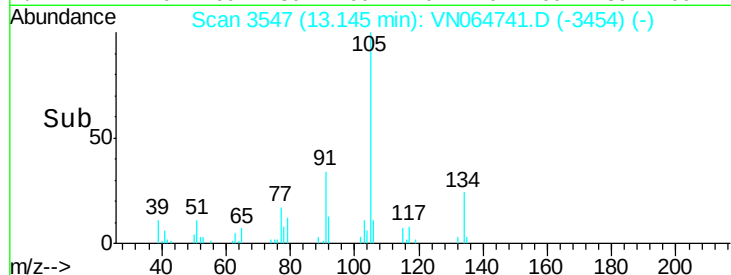
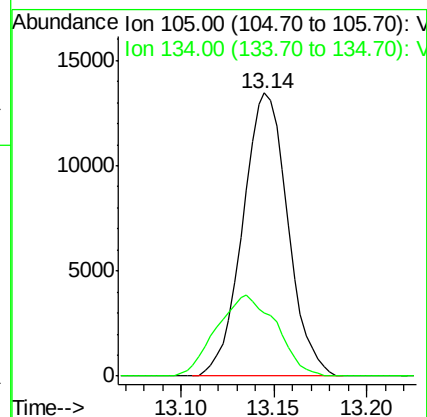
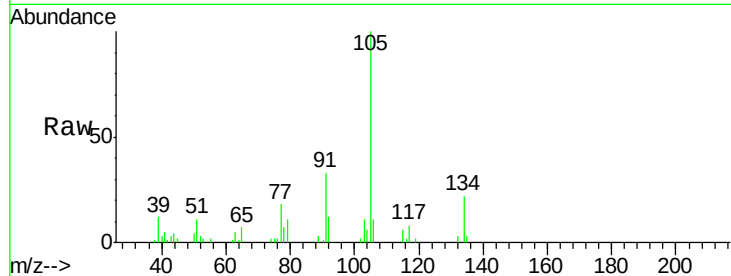
MW-4

Tot Ion:105 Resp: 22670

Ion Ratio Lower Upper

105 100

134 38.1 9.5 28.5#



#89

n-Butylbenzene

Concen: 2.858 ug/l

RT: 13.59 min Scan# 3684

Delta R.T. -0.00 min

Lab File: VN064741.D

Acq: 19 Nov 2020 18:26

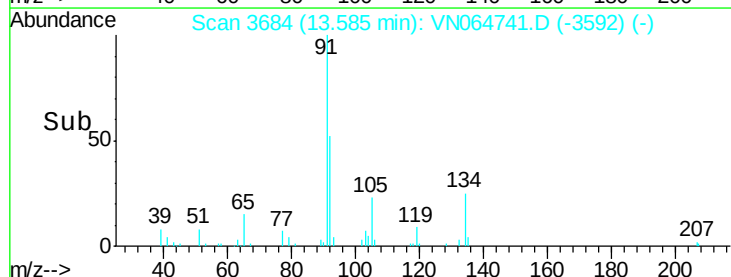
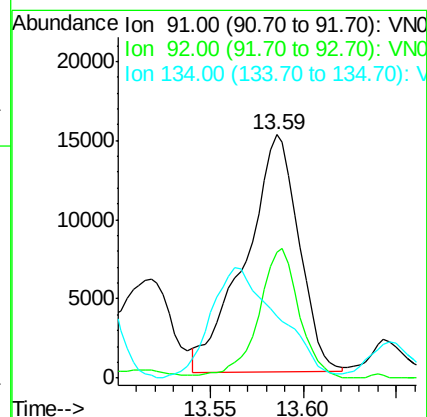
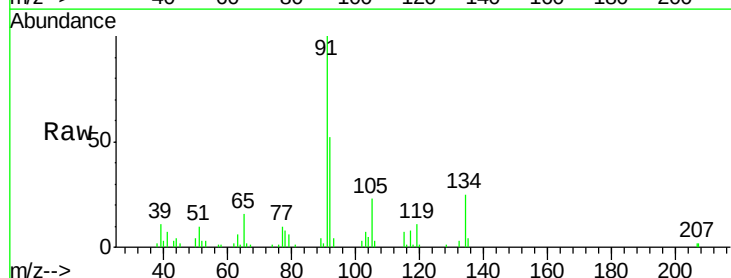
Tgt Ion: 91 Resp: 29820

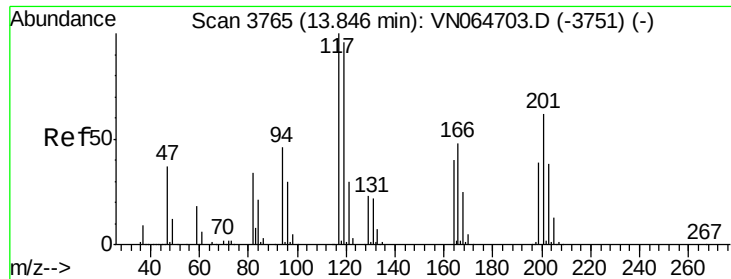
Ion Ratio Lower Upper

91 100

92 42.0 24.9 74.8

134 0.0 12.0 36.0#





#90

Hexachloroethane

Concen: 7.569 ug/l

RT: 13.86 min Scan# 3770

Delta R.T. 0.02 min

Lab File: VN064741.D

Acq: 19 Nov 2020 18:26

Instrument :

MSVOA_N

ClientSampled :

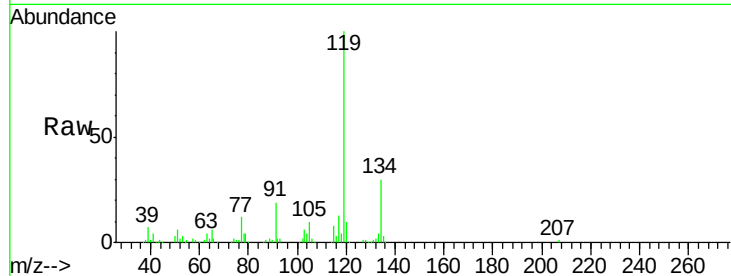
MW-4

Tot Ion:117 Resp: 13984

Ion Ratio Lower Upper

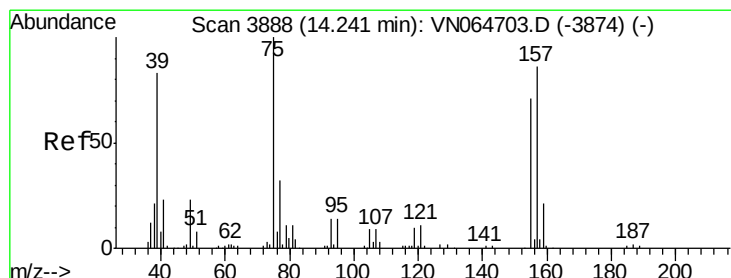
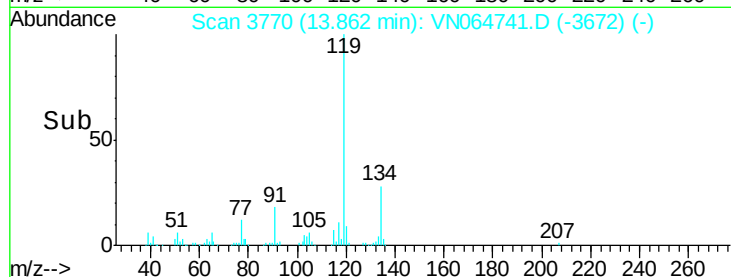
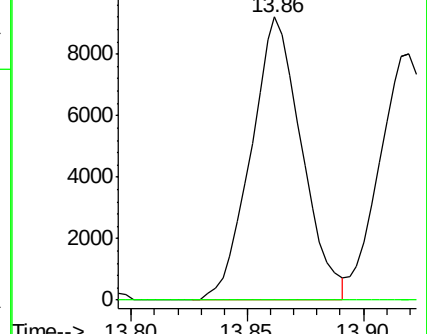
117 100

201 0.0 31.9 95.5#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.214 ug/l

RT: 14.23 min Scan# 3885

Delta R.T. -0.01 min

Lab File: VN064741.D

Acq: 19 Nov 2020 18:26

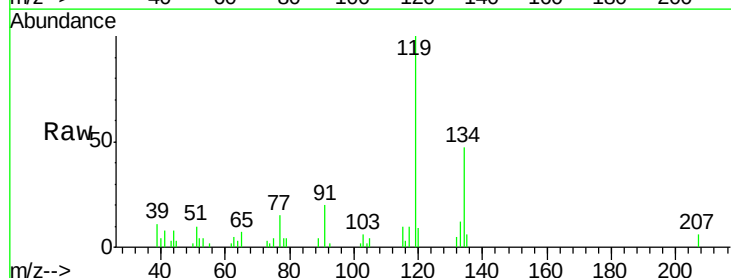
Tgt Ion: 75 Resp: 223

Ion Ratio Lower Upper

75 100

155 0.0 33.6 100.6#

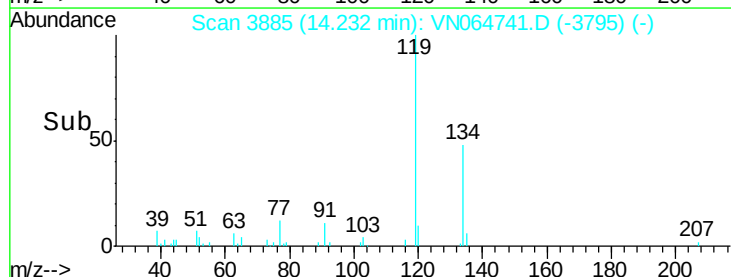
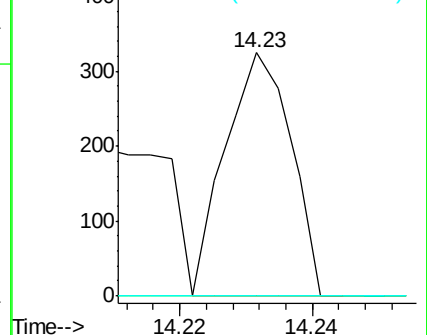
157 0.0 42.4 127.2#

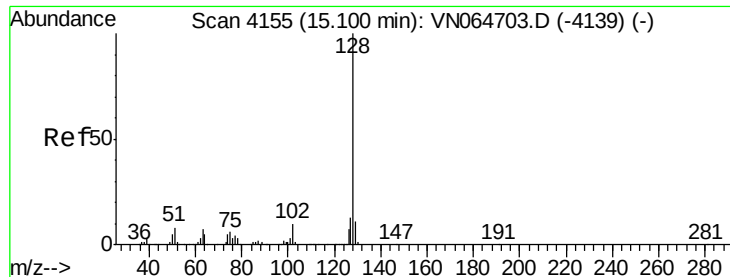


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#95

Naphthalene

Concen: 2.030 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN064741.D

Acq: 19 Nov 2020 18:26

Instrument :

MSVOA_N

ClientSampleId :

MW-4

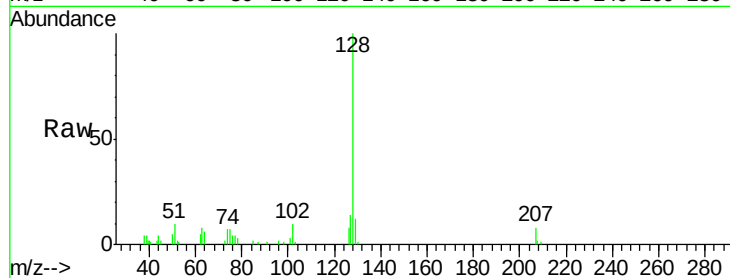
Tot Ion:128 Resp: 22803

Ion Ratio Lower Upper

128 100

127 13.0 10.8 16.2

129 12.4 8.9 13.3



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

